

SOUTHERN CALIFORNIA EDISON COMPANYTransmission/Distribution ISO Facilities Study
12-31-2020 Facilities\$
Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)				
350	\$347,032,204	\$347,032,204	\$255,945,466	73.75%
Substation				
352	1,253,582,423	1,253,582,423	804,153,066	64.15%
353	6,970,450,866	6,970,450,866	3,951,945,554	56.70%
Total Substation	8,224,033,289	8,224,033,289	4,756,098,621	57.83%
Lines				
354	2,396,538,521	2,396,538,521	2,302,122,819	96.06%
355	1,828,031,265	1,828,031,265	431,972,729	23.63%
356	1,891,498,739	1,891,498,739	1,449,635,758	76.64%
357	325,221,172	325,221,172	215,412,776	66.24%
358	406,147,584	406,147,584	59,261,609	14.59%
359	215,837,806	215,837,806	192,098,213	89.00%
Total Lines	7,063,275,087	7,063,275,087	4,650,503,904	65.84%
Total Transmission	\$15,634,340,580	\$15,634,340,580	\$9,662,547,991	61.80%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	\$129,613,197	\$129,613,197	-	0.00%
Structures:				
361	844,613,530	844,613,530	-	0.00%
362	3,106,963,772	3,106,963,772	-	0.00%
Total Structures	3,951,577,302	3,951,577,302	-	0.00%
Total Distribution	\$4,081,190,499	\$4,081,190,499	-	0.00%
Total Transmission & Distribution	\$19,715,531,079	\$19,715,531,079	\$9,662,547,991	49.01%

Southern California Edison Company

Summary of ISO Facility Gross Plant
High/Low Voltage Split
12-31-2020 Facilities
(\$)

Total ISO Plant				Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV				
ISO Transmission and Distribut	Total ISO Gross Plant	Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
Transmission Lines:								
1000 kV T Lines	112,887,542	-	112,887,542	-	-	112,887,542	-	-
500 kV T Lines	2,956,212,764	124,950,429	2,831,262,335	124,950,429	-	2,831,262,335	-	-
230 kV T Lines	1,650,897,593	84,356,633	1,566,540,960	84,356,633	-	1,566,540,960	-	-
161 kV T Lines	3,176,685	33,310	3,143,375	-	33,310	-	3,143,375	-
115 kV T Lines	113,259,980	4,848,103	108,411,877	-	4,848,103	-	108,411,877	-
66 kV T Lines	11,177,024	227,595	10,949,429	-	227,595	-	10,949,429	-
55 kV T Lines	17,446,625	138,238	17,308,387	-	138,238	-	17,308,387	-
Total Transmission Lines	4,865,058,212	214,554,307	4,650,503,904	209,307,062	5,247,246	4,510,690,836	139,813,068	-
Substations:								
High Voltage Substations (750 kV, 500kV, 220kV)	4,276,744,145	41,053,658	4,235,690,487	41,053,658	-	4,235,690,487	-	-
Straddle Substations:								
Antelope	219,864,704	21,982	219,842,722	19,397	2,585	182,275,447	24,294,721	13,272,554
Bailey	41,604,345	111,063	41,493,282	66,224	44,839	21,569,976	14,604,533	5,318,774
Eagle Mountain	9,350,103	-	9,350,103	-	-	5,083,093	346,833	3,920,178
Kramer	47,944,787	40,894	47,903,893	29,100	11,794	25,050,296	10,152,202	12,701,395
Ivanpah	46,496,781	-	46,496,781	-	-	19,017,349	21,902,895	5,576,537
Victor	110,826,844	17,642	110,809,202	6,883	10,760	35,559,412	55,590,631	19,659,159
Total Straddle Substations	476,087,564	191,581	475,895,983	121,604	69,977	288,555,572	126,891,814	60,448,597
Low Voltage Substations (Less Than 220kV)	44,658,070	145,919	44,512,150.49	-	145,919	-	44,512,150	-
Total Substations	4,797,489,779	41,391,158	4,756,098,621	41,175,261	215,897	4,524,246,059	171,403,965	60,448,597
Total Lines and Substations	9,662,547,991	255,945,466	9,406,602,525	250,482,323	5,463,143	9,034,936,896	311,217,033	60,448,597
Plant Total by Account	9,662,547,991	255,945,466	9,406,602,525					
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	250,482,323	5,463,143	255,945,466					
Structures	9,034,936,896	311,217,033	9,346,153,928					
Total Determined HV/LV	9,285,419,219	316,680,175	9,602,099,394					
Percentage:	96.702%	3.298%	100.000%					
Transformers	58,454,983	1,993,613	60,448,597					
Total HV & LV Gross Plant	9,343,874,202	318,673,789	9,662,547,991					

Southern California Edison Company
Summary of ISO Facility Gross Plant
High/Low Voltage Mix Summary
12-31-2020 Facilities
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Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV	Total
500/220/66, 220/66, 220/161, or 220/115 kV Substations							
Antelope	5052	19,397	2,585	182,275,447	24,294,721	13,272,554	219,864,704
Bailey	5059	66,224	44,839	21,569,976	14,604,533	5,318,774	41,604,345
Eagle Mountain	5040	-	-	5,083,093	346,833	3,920,178	9,350,103
Ivanpah	8363	-	-	19,017,349	21,902,895	5,576,537	46,496,781
Kramer	5042 & 8046	29,100	11,794	25,050,296	10,152,202	12,701,395	47,944,787
Victor	8049	6,883	10,760	35,559,412	55,590,631	19,659,159	110,826,844
Total Straddle Substations		121,604	69,977	288,555,572	126,891,814	60,448,597	476,087,564

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 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/Tr ans Line	High / Low / Straddle
			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	5,090,160	5,131,191	-	41,031	5,090,160	-	-	-	-	ISO High
INYO	2570	220kV	-	355,696	4,197,276	4,552,972	-	355,696	4,197,276	-	-	-	-	ISO High
METRO GOM MAINT	5001	500kV	-	-	50,243,202	50,243,202	-	-	50,243,202	-	-	-	-	ISO High
HARBORGEN SUB	5019	220kV	-	85,990	4,105,788	4,191,777	-	85,990	4,105,788	-	-	-	-	ISO High
EL SEGUNDO SWITCHCRACK SUB	5026	220kV	12,470	1,607,338	7,402,700	9,022,507	12,470	#####	7,402,700	-	-	-	-	ISO High
MIDWAY SUB	5032	500kV	-	482,261	14,206,838	14,689,099	-	482,261	14,206,838	-	-	-	-	ISO High
PASTORIA SUB	5036	220kV	21,435	1,724,275	12,338,955	14,084,665	21,435	#####	12,338,955	-	-	-	-	ISO High
CLWTR SWITCHCRACKS 1,2	5044	115kV	-	-	1,476,690	1,476,690	-	-	1,476,690	-	-	-	-	ISO Low
MOHAVE SWITCHCRACK	5045	500kV	-	3,962,869	21,482,933	25,445,802	-	-	21,482,933	-	-	-	-	ISO High
RANCHO VISTA SUB	5047	500kV	1,844,367	24,895,348	155,676,203	182,415,918	1,844,367	#####	155,676,203	-	-	-	-	ISO High
SYLMAR SUB	5058	220kV	-	19,757	1,948,141	1,967,898	-	19,757	1,948,141	-	-	-	-	ISO High
LUGO SUB	5061	500kV	90,981	34,024,479	152,153,753	186,269,212	90,981	#####	152,153,753	-	-	-	-	ISO High
PISGAH SUB	5065	220kV	-	642,248	5,205,279	5,847,527	-	642,248	5,205,279	-	-	-	-	ISO High
GENE SUB	5066	220kV	-	63,093	2,064,623	2,127,716	-	-	63,093	-	-	2,064,623	-	Non-ISO
WINDHUB SUB	5079	500kV	1,231,926	32,298,548	212,686,857	246,217,331	1,095,970	#####	189,214,642	135,956	3,564,482	23,472,216	-	MIX High
SERRANO SUB	5080	500kV	1,226,475	29,139,771	218,485,552	248,851,797	1,226,475	#####	218,485,552	-	-	-	-	ISO High
LEWIS SUB	5089	220kV	1,444	337,024	5,407,787	5,746,255	1,444	337,024	5,407,787	-	-	-	-	ISO High
EL DORADO SUB(NEVADA)	5090	500kV	13,183	52,056,927	233,028,207	285,098,316	13,183	#####	233,028,207	-	-	-	-	ISO High
MEAD SUB	5091	500kV	-	12,205	12,306	24,511	-	12,205	12,306	-	-	-	-	ISO High
MOENKOPI SUB	5092	500kV	-	-	1,516,885	1,516,885	-	-	1,516,885	-	-	-	-	ISO High
WEST SERIES CAPACITORS	5093	500kV	-	1,797,455	46,188,784	47,986,239	-	#####	46,188,784	-	-	-	-	ISO High
EAST SERIES CAPACITORS 1	5094	500kV	-	-	870,601	870,601	-	-	870,601	-	-	-	-	ISO High
PALO VERDE SWITCHCRACK SUB	5097	500kV	-	486,323	7,773,824	8,260,147	-	-	486,323	-	-	-	-	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	217,710,790	225,531,071	51,663	#####	217,710,790	-	-	-	-	ISO High
RP&LS,INDBESMNT REQUIS	9219	220kV	9,939,315	45,883	-	9,985,198	9,939,315	45,883	-	-	-	-	-	ISO High
EDISON TAC	1451	Misc	-	-	35,855	35,855	-	-	-	-	-	35,855	-	Non-ISO
EL SEGUNDO GEN. STATION	1510	220kV	-	83,831	86,280	2,450	-	-	-	-	-	83,831	2,450	Non-ISO
SAN ONOFRE-COMMON 1,2,3	1808	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SAN ONOFRE-UNIT 1	1810	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SAN ONOFRE-UNIT 2	1812	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SAN ONOFRE-UNIT 3	1818	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SONGS COMMON 2 & 3 - (INC)	1839	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,597,299	2,597,299	-	-	-	-	-	2,597,299	-	Non-ISO
PALO VERDE-UNIT 2	1864	500kV	-	-	2,488,614	2,488,614	-	-	-	-	-	2,488,614	-	Non-ISO
PALO VERDE-UNIT 3	1866	500kV	-	-	5,007,603	5,007,603	-	-	-	-	-	5,007,603	-	Non-ISO
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	2,721,697	2,729,463	-	-	-	7,766	-	2,721,697	-	Non-ISO
COOLWATER COMMON	2196	220kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
SAN BERNARDINO COMMON	1996	220kV	-	27,803	-	27,803	-	-	-	-	27,803	-	-	Non-ISO
PARKER DAM-US BUR OF RECL	2113	220kV	-	12,334	-	12,334	-	-	-	-	12,334	-	-	Non-ISO
MAMMOTH POOL LAKE-FP 2085	2150	220kV	-	-	24,016	-	-	-	-	-	-	24,016	-	Non-ISO
BIG CREEK CANYON	2202	220kV	-	-	1,641,022	1,641,022	-	-	-	-	-	1,641,022	-	Non-ISO
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246	68,246	-	-	-	-	-	68,246	-	Non-ISO
MAMMOTH POOL	2238	220kV	46,311	-	4,172,718	4,219,029	-	-	-	-	46,311	4,172,718	-	Non-ISO
EASTWOOD POWER STATION	2239	33kV & Below	-	627,754	4,941,968	5,569,722	-	-	-	-	627,754	4,941,968	-	Non-ISO
HYDRO PRODUCTION	2300	Misc	-	-	10,367	10,367	-	-	-	-	-	10,367	-	Non-ISO
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924	421,924	-	-	-	-	-	421,924	-	Non-ISO
LYTLE CRK&SN ANTONIO CNYN	2303	33kV & Below	-	-	140,226	140,226	-	-	-	-	-	140,226	-	Non-ISO
KERN RIVER CANYON	2305	66kV	-	-	692,140	692,140	-	-	-	-	-	692,140	-	Non-ISO
KAWEAH RIVER CANYON	2307	66kV	-	-	572,929	572,929	-	-	-	-	-	572,929	-	Non-ISO
SAN GORGONIO CANYON	2309	33kV & Below	-	-	193,975	193,975	-	-	-	-	-	193,975	-	Non-ISO
KERN RIVER NO.1	2313	66kV	-	4,184	643,018	647,201	-	-	-	-	4,184	643,018	-	Non-ISO
BOREL	2314	66kV	-	1,383	259,591	260,974	-	-	-	-	1,383	259,591	-	Non-ISO
SANTA ANA NO.1	2315	33kV & Below	-	-	36,406	36,406	-	-	-	-	-	36,406	-	Non-ISO
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930	14,930	-	-	-	-	-	14,930	-	Non-ISO
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316	8,780	-	-	-	1,464	-	7,316	-	Non-ISO
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080	52,080	-	-	-	-	-	52,080	-	Non-ISO
KAWEAH NO.1	2324	66kV	-	-	625,062	625,062	-	-	-	-	-	625,062	-	Non-ISO
KAWEAH NO.2	2325	66kV	-	2,694	49,126	51,820	-	-	-	-	2,694	49,126	-	Non-ISO
KAWEAH NO.3	2326	66kV	-	-	57,269	57,269	-	-	-	-	-	57,269	-	Non-ISO
LOWER TULE RIVER	2327	66kV	-	-	50,834	50,834	-	-	-	-	-	50,834	-	Non-ISO
KERN RIVER NO.3	2328	66kV	-	-	460,723	460,723	-	-	-	-	-	460,723	-	Non-ISO
ONTARIO NO.1	2331	66kV	-	-	205,914	205,914	-	-	-	-	-	205,914	-	Non-ISO
EASTERN HYDRO REGION	2500	55kV	-	7,254	-	7,254	-	-	-	-	7,254	-	-	Non-ISO
BISHOP CREEK CANYON	2501	33kV & Below	-	-	705,804	705,804	-	-	-	-	-	705,804	-	Non-ISO
MONO BASIN	2503	115kV	-	-	196,344	196,344	-	-	-	-	-	196,344	-	Non-ISO
Lundy	2560 & 2510	55kV	-	317,627	5,816,830	6,134,457	-	-	-	-	317,627	5,816,830	-	Non-ISO
POOLE	2512	33kV & Below	-	-	120,052	120,052	-	-	-	-	-	120,052	-	Non-ISO
RUSH CREEK	2514	115kV	-	-	175,912	175,912	-	-	-	-	-	175,912	-	Non-ISO
BISHOP CREEK NO.2	2522	55kV	-	-	80,487	80,487	-	-	-	-	-	80,487	-	Non-ISO
BISHOP CREEK NO.3	2523	33kV & Below	-	-	1,847,927	1,847,927	-	-	-	-	-	1,847,927	-	Non-ISO
BISHOP CREEK NO.4	2524	33kV & Below	-	-	86,641	86,641	-	-	-	-	-	86,641	-	Non-ISO
BISHOP CREEK NO.5	2525	33kV & Below	-	-	82,668	82,668	-	-	-	-	-	82,668	-	Non-ISO
BISHOP CREEK NO.6	2526	33kV & Below	-	-	39,098	39,098	-	-	-	-	-	39,098	-	Non-ISO
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	12,150	13,493	-	-	-	-	1,343	12,150	-	Non-ISO
CASA DIABLO	2557	115kV	2,119	442,356	9,171,394	9,613,868	-	-	-	2,119	442,356	9,171,394	-	Non-ISO
LEE VINING	2561	115kV	344	262,259	2,302,338	2,564,940	-	-	-	344	262,259	2,302,338	-	Non-ISO
SHERWIN	2571	115kV	-	100,772	1,769,494	1,870,266	-	-	-	-	100,772	1,769,494	-	Non-ISO
ZACK	2582	55kV	400,881	-	369,628	770,509	-	-	-	400,881	-	369,628	-	Non-ISO
SKILAND (MAMMOTH LAKE) SUBSTATION	2587	33kV & Below	-	129,731	-	129,731	-	-	-	-	129,731	-	-	Non-ISO
MT. TOM	2598	55kV	-	-	(230)	(230)	-	-	-	-	-	(230)	-	Non-ISO
MINARET	2612	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	Non-ISO
DAF NDAL 500KW WND TURBN	3717	33kV & Below	714	-	-	714	-	-	-	714	-	-	-	Non-ISO
LEBEC SUBSTATION	5016	220kV	-	29,473	15,138	44,611	-	-	-	-	29,473	15,138	-	Non-ISO
ARCOGEN SUB	5022	220kV	-	44,764	963,824	1,008,589	-	-	-	-	44,764	963,824	-	Non-ISO

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 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/Tran Line	High / Low / Straddle
			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		
CLWTR SWITCHRACK 3.4 SUB	5046	220kV	48,136	156,227	3,179,929	3,384,292	-	-	-	48,136	156,227	3,179,929	Non-ISO	-
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	5,924,405	6,117,058	-	-	-	158,170	34,483	5,924,405	Non-ISO	-
SAUGUS SUB	5051	220kV	13,373	5,579,600	79,327,756	84,920,729	-	-	-	13,373	5,579,600	79,327,756	Non-ISO	-
CAMINO SUB	5068	220kV	-	12,697	4,222,649	4,235,346	-	-	-	-	12,697	4,222,649	Non-ISO	-
VELASCO SUB	5072	220kV	-	40,279	155,442	195,721	-	-	-	-	40,279	155,442	Non-ISO	-
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	262,196	5,266,267	5,550,123	-	-	-	21,660	262,196	5,266,267	Non-ISO	-
TRITON SUB	5095	115kV	2,415,092	2,377,770	26,659,995	31,452,858	-	-	-	2,415,092	2,377,770	26,659,995	Non-ISO	-
ALHAMBRA SUB	5101	66kV	-	83,447	2,771,763	2,855,210	-	-	-	-	83,447	2,771,763	Non-ISO	-
BANDINI SUB	5107	66kV	4,583	16,136	-	20,718	-	-	-	4,583	16,136	-	Non-ISO	-
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451	-	-	-	-	-	2,451	Non-ISO	-
WABASH (NEW) SUB	5110	66kV	-	24,360	-	24,360	-	-	-	-	24,360	-	Non-ISO	-
THUMSGEN SUBSTATION	5112	66kV	-	-	2,049	2,049	-	-	-	-	-	2,049	Non-ISO	-
RUSH SUB	5116	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
FEDERALGEN SUB	5120	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	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	-
DUARTE SUB	5150	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
JOSE SUB	5152	66kV	-	51,570	3,887	55,457	-	-	-	-	51,570	3,887	Non-ISO	-
ARROYO SUB	5158	66kV	-	-	123	123	-	-	-	-	-	123	Non-ISO	-
AMADOR SUB	5161	66kV	-	-	(47,687)	(47,687)	-	-	-	-	-	(47,687)	Non-ISO	-
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195	17,195	-	-	-	-	-	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	-	-	91,972	91,972	-	-	-	-	-	91,972	Non-ISO	-
TEMPLE SUB	5170	33kV & Below	-	-	17,367	17,367	-	-	-	-	-	17,367	Non-ISO	-
VAIL SUB	5175	66kV	-	15,470	-	15,470	-	-	-	-	15,470	-	Non-ISO	-
KIMBALL SUBSTATION	5176	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
KIRK WALL 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	48,544	65,499	-	-	-	-	16,955	31,589	Non-ISO	-
DALTON SUB	5188	66kV	-	82,794	-	82,794	-	-	-	-	82,794	-	Non-ISO	-
RAILROAD SUB	5196	66kV	-	57,470	-	57,470	-	-	-	-	57,470	-	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	-
SEPUVEDA SUB	5207	66kV	-	41,604	-	41,604	-	-	-	-	41,604	-	Non-ISO	-
HOWARD SUB	5210	66kV	-	-	17,431	17,431	-	-	-	-	-	17,431	Non-ISO	-
INGLEWOOD SUB	5211	66kV	-	29,751	-	29,751	-	-	-	-	29,751	-	Non-ISO	-
LENNOX SUB	5213	66kV	-	14,957	17,794	32,750	-	-	-	-	14,957	17,794	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	-
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	-
ROSECRANS SUB	5228	66kV	-	70,273	-	70,273	-	-	-	-	70,273	-	Non-ISO	-
MOBLOIL 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	-
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	-
STIRRUP SUB	5259	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
COLOSSUS SUB	5260	66kV	-	-	7,141	7,141	-	-	-	-	-	7,141	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	-
PALDGEN SUB	5282	66kV	-	42,738	-	42,738	-	-	-	-	42,738	-	Non-ISO	-
RIG CREEK 2	5302	33kV & Below	-	-	588,974	588,974	-	-	-	-	-	588,974	Non-ISO	-
DELANO SUB	5305	66kV	-	60,018	-	60,018	-	-	-	-	60,018	-	Non-ISO	-
EARLIMART	5306	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
HAVILAH SUB	5311	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
LIBERTY SUB	5312	66kV	-	301,990	-	301,990	-	-	-	-	301,990	-	Non-ISO	-
LAUREL SUB	5315	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
OCTOL SUB	5320	66kV	-	13,523	-	13,523	-	-	-	-	13,523	-	Non-ISO	-
PXLEY 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	-
VISALIA SUB	5331	66kV	-	35,561	-	35,561	-	-	-	-	35,561	-	Non-ISO	-
WOODVILLE SUB	5333	66kV	-	15,418	74,641	90,058	-	-	-	-	15,418	74,641	Non-ISO	-

SOUTHERN CALIFORNIA EDISON COMPANY
12-31-2020 Facilities
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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Tr ans Line	High / Low / Straddle
			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		
GREENHORN SUB	5339	66kV	-	-	-	-	-	-	-	-	-	-	-	-
ISABELLA SUB	5347	66kV	73,306	-	-	73,306	-	-	-	73,306	-	-	-	-
BOXWOOD SUB	5351	66kV	-	-	-	-	-	-	-	-	-	-	-	-
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627	-	-	-	-	-	9,627	-	-
KERNVILLE SUB	5356	66kV	-	-	-	-	-	-	-	-	-	-	-	-
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-	801,825	-	-	-	-
MASCOT SUBSTATION	5375	66kV	573,588	-	-	573,588	-	-	-	573,588	-	-	-	-
CANWIND SUB	5405	66kV	-	-	9,895	9,895	-	-	-	-	-	9,895	-	-
ENWIND SUB	5406	66kV	-	11,023	29,527	40,550	-	-	-	-	11,023	29,527	-	-
MORWIND SUB	5409	66kV	-	-	6,367	6,367	-	-	-	-	-	6,367	-	-
FLOWIND SUB	5410	66kV	-	-	-	-	-	-	-	-	-	-	-	-
ARWIND SUB	5411	66kV	-	-	-	-	-	-	-	-	-	-	-	-
SILVER PEAK SUB	5412	55kV	-	-	79,333	79,333	-	-	-	-	-	79,333	-	-
DUTCHWIND SUB	5414	66kV	-	12,069	7,801	19,870	-	-	-	-	12,069	7,801	-	-
OAKWIND SUB	5415	66kV	-	-	23,342	23,342	-	-	-	-	-	23,342	-	-
MIDWIND SUB	5424	66kV	-	-	23,000	23,000	-	-	-	-	-	23,000	-	-
CASITAS SUB	5504	66kV	-	-	(251)	(251)	-	-	-	-	-	(251)	-	-
CHANNEL ISLANDS SUB	5506	66kV	-	116,483	-	116,483	-	-	-	-	116,483	-	-	-
ORTEGA SUB	5507	66kV	-	-	-	-	-	-	-	-	-	-	-	-
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-	-	5,566	-	-	-
MODOC SUB	5520	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-
OJAI SUB	5526	66kV	-	13,050	-	13,050	-	-	-	-	13,050	-	-	-
SANTA BARBARA SUB	5531	66kV	-	40,153	-	40,153	-	-	-	-	40,153	-	-	-
CHARMIN SUB	5535	66kV	-	-	27,327	27,327	-	-	-	-	-	27,327	-	-
VENTURA SUB	5538	33kV & Below	-	52,161	-	52,161	-	-	-	-	52,161	-	-	-
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-	-	-	3,072	-	-
CORUM SUB	5547	66kV	-	-	-	-	-	-	-	-	-	-	-	-
NEWBURY SUB	5557	66kV	-	-	692,110	692,110	-	-	-	-	-	692,110	-	-
GRISWOLD SUB	5562	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-
PLAYA SUB	5565	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-
VEGAS SUB	5570	66kV	5,801	-	-	5,801	-	-	-	5,801	-	-	-	-
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-	-	-	118,097	-	-
NEWHALL SUB	5576	66kV	-	-	-	-	-	-	-	-	-	-	-	-
POTRERO SUB	5597	66kV	-	-	-	-	-	-	-	-	-	-	-	-
RANDALL SUB	5601	66kV	20,403	-	56,150	76,552	-	-	-	-	20,403	56,150	-	-
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-	-	1,760	-	-	-
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-	-	-
CARDIFF SUB	5608	66kV	-	117,952	-	117,952	-	-	-	-	117,952	-	-	-
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-	-	20,750	-	-	-
DELCEZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-	-	-	23,032	-	-
FLANCO SUB	5616	33kV & Below	-	22,342	-	22,342	-	-	-	-	22,342	-	-	-
FIREHOUSE SUB	5618	66kV	-	6,520	-	6,520	-	-	-	-	6,520	-	-	-
HIGHLAND SUB	5619	66kV	-	59,490	-	59,490	-	-	-	-	59,490	-	-	-
HUSTON SUB	5621	33kV & Below	-	45,573	-	45,573	-	-	-	-	45,573	-	-	-
NORCO SUB	5624	33kV & Below	-	66,934	-	66,934	-	-	-	-	66,934	-	-	-
PEDLEY SUB	5626	66kV	-	22,868	-	22,868	-	-	-	-	22,868	-	-	-
TENNESSEE SUB	5628	66kV	-	44,558	-	44,558	-	-	-	-	44,558	-	-	-
REDLANDS SUB	5629	66kV	-	29,558	21,359	50,917	-	-	-	-	29,558	21,359	-	-
GRAPELAND PEAKER SUB	5630	66kV	-	-	-	-	-	-	-	-	-	-	-	-
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	7,606	-	-
STODDARD SUB	5632	33kV & Below	-	113,131	-	113,131	-	-	-	-	113,131	-	-	-
SAN DIMAS SUB	5633	66kV	-	19,651	-	19,651	-	-	-	-	19,651	-	-	-
UPLAND SUB	5635	66kV	-	21,532	-	21,532	-	-	-	-	21,532	-	-	-
YUCAIPA SUB	5636	66kV	-	31,005	-	31,005	-	-	-	-	31,005	-	-	-
TIPPECANOE SUB	5637	66kV	-	21,769	-	21,769	-	-	-	-	21,769	-	-	-
FRANCIS SUB	5639	66kV	-	59,194	-	59,194	-	-	-	-	59,194	-	-	-
LAFFAIR SUB	5645	66kV	-	189,720	-	189,720	-	-	-	-	189,720	-	-	-
COLTON CEMENT SUB	5646	66kV	-	43,167	-	43,167	-	-	-	-	43,167	-	-	-
LINDE AIR SUB	5650	66kV	-	15,935	-	15,935	-	-	-	-	15,935	-	-	-
AMERON SUB	5652	66kV	-	-	531,131	531,131	-	-	-	-	-	531,131	-	-
REDUCTION SUB	5654	66kV	-	34,835	-	34,835	-	-	-	-	34,835	-	-	-
NOGALES SUB	5655	66kV	-	16,835	525,170	542,005	-	-	-	-	16,835	525,170	-	-
RAIN SUB	5656	66kV	-	704	-	704	-	-	-	-	704	-	-	-
PIPE SUB	5658	66kV	-	32,989	-	32,989	-	-	-	-	32,989	-	-	-
ARCHIBALD SUB	5659	66kV	-	-	206,393	206,393	-	-	-	-	-	206,393	-	-
RUNNING SPRINGS SUB	5661	33kV & Below	-	31,398	-	31,398	-	-	-	-	31,398	-	-	-
WIMBLEDON SUB	5664	66kV	-	1,282	17,343	18,626	-	-	-	-	1,282	17,343	-	-
ARCHUNE SUB	5667	66kV	-	12,856	-	12,856	-	-	-	-	12,856	-	-	-
CRESTMORE SUB	5668	66kV	-	14,975	-	14,975	-	-	-	-	14,975	-	-	-
DEL ROSA SUB	5670	66kV	-	-	17,327	17,327	-	-	-	-	-	17,327	-	-
WHIPPLE SUB	5674	66kV	-	-	-	-	-	-	-	-	-	-	-	-
LANDING SUB	5678	66kV	-	14,661	-	14,661	-	-	-	-	14,661	-	-	-
DIAMOND BAR SUB	5680	66kV	-	-	49,398	49,398	-	-	-	-	-	49,398	-	-
CUDAHY SUB	5714	66kV	-	32,033	-	32,033	-	-	-	-	-	32,033	-	-
FRUITLAND SUB	5718	66kV	-	12,712	-	12,712	-	-	-	-	-	12,712	-	-
FREEMONT SUB	5720	66kV	-	6,957	-	6,957	-	-	-	-	6,957	-	-	-
PICO SUBSTATION	5722	66kV	-	96,546	-	96,546	-	-	-	-	96,546	-	-	-
HATHAWAY SUB	5726	66kV	-	21,380	-	21,380	-	-	-	-	21,380	-	-	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-	-	-	114,340	-	-
THUMS "B" SUBSTATION	5742	66kV	-	23,963	-	23,963	-	-	-	-	23,963	-	-	-
SOMERSET SUBSTATION	5754	66kV	-	33,691	-	33,691	-	-	-	-	33,691	-	-	-
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-	-	-	3,790	-	-
DAISY SUBSTATION	5766	33kV & Below	-	12,646	-	12,646	-	-	-	-	12,646	-	-	-
DAVIDSON CITY	5779	33kV & Below	-	6,957	-	6,957	-	-	-	-	6,957	-	-	-
HERDA SUB	5784	33kV & Below	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-	-	-	17,255	-	-
BOVINE SUBSTATION	5788	66kV	-	-	-	-	-	-	-	-	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

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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/Truss Line	High/Low / Straddle	
			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			
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	
CHIUQUITA 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	146,427	160,741	-	-	-	-	-	14,314	146,427	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	
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	-	32,493	-	32,493	-	-	-	-	-	32,493	-	Non-ISO	
SANTA ANA SUBSTATION	5849	33kV & Below	-	6,882	-	6,882	-	-	-	-	-	6,882	-	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	
SULLIVAN SUBSTATION	5862	66kV	-	-	230,879	230,879	-	-	-	-	-	-	230,879	Non-ISO	
BARTOLO SUB	5863	66kV	-	4,087	-	4,087	-	-	-	-	-	4,087	-	Non-ISO	
ESTRELLA SUBSTATION	5865	66kV	-	-	41,148	41,148	-	-	-	-	-	-	41,148	Non-ISO	
SHAWNEE SUBSTATION	5869	66kV	-	-	-	-	-	-	-	-	-	-	-	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	
IMPERIAL COUNTY	7013	115kV	-	-	1,702	1,702	-	-	-	-	-	-	1,702	Non-ISO	
ROADWAY(CEP) SUB	8000	115kV	110,643	972,123	15,583,891	16,666,658	17,242	126,734	2,609,849	93,400	845,390	12,974,042	Mix	Low	
PAUBA(CEP) SUB	8003	115kV	106,825	827,523	8,446,526	9,380,874	-	-	-	-	106,825	827,523	8,446,526	Non-ISO	
THORNHILL(CEP) SUB	8004	115kV	25,609	996,193	9,314,127	10,335,929	-	-	-	-	25,609	996,193	9,314,127	Non-ISO	
STADLER(CEP) SUB	8005	115kV	139,611	786,164	11,412,207	12,337,982	-	-	-	139,611	786,164	11,412,207	12,337,982	Non-ISO	
PAN AERO (CEP) SUB	8009	115kV	-	21,849	641,248	663,097	-	-	-	-	-	21,849	641,248	Non-ISO	
PHELAN(CEP) SUB	8010	115kV	154,446	767,811	7,063,296	7,985,552	-	-	-	154,446	-	7,063,296	-	Non-ISO	
BANWIND SUBSTATION	8011	115kV	-	-	8,940	8,940	-	-	-	-	-	-	8,940	Non-ISO	
APPLE VALLEY(CEP) SUB	8013	115kV	-	1,389,452	10,403,006	11,792,458	-	-	-	-	-	1,389,452	10,403,006	Non-ISO	
BUNKER(CEP) SUB	8014	115kV	969,397	1,492,212	15,125,243	17,586,851	-	-	-	969,397	-	1,492,212	15,125,243	Non-ISO	
FAIRREL(CEP) SUB	8016	115kV	-	697,441	13,282,646	13,980,087	-	-	-	-	-	697,441	13,282,646	Non-ISO	
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	9,599,548	10,557,612	-	-	-	285,201	-	672,863	9,599,548	Non-ISO	
AULD(CEP) SUB	8018	115kV	83,538	1,206,444	19,882,942	21,172,924	-	-	-	83,538	1,206,444	19,882,942	-	Non-ISO	
MAXWELL(CEP) SUB	8019	115kV	33,940	519,403	11,864,424	12,417,767	-	-	-	33,940	519,403	11,864,424	-	Non-ISO	
SAVAGE(CEP) SUB	8020	115kV	29,280	1,477,177	14,791,148	16,297,605	-	-	-	-	29,280	1,477,177	14,791,148	Non-ISO	
PEPPER(CEP) SUB	8021	115kV	17,579	509,658	11,103,142	11,630,379	-	-	-	-	-	509,658	11,103,142	Non-ISO	
YUCCA(CEP) SUB	8022	115kV	19,474	647,647	12,822,378	12,489,499	-	-	-	-	19,474	647,647	12,822,378	Non-ISO	
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	41,871	912,016	953,886	-	-	-	-	-	41,871	912,016	Non-ISO	
ALESSANDRO(CEP) SUB	8024	115kV	45,514	2,775,902	25,324,383	28,145,799	-	-	-	45,514	-	2,775,902	25,324,383	Non-ISO	
BAKER(CEP) SUB	8025	115kV	-	250,900	2,735,419	2,986,319	-	-	-	-	-	250,900	2,735,419	Non-ISO	
BANNING(CEP) SUB	8026	115kV	20,210	1,586,414	16,216,180	17,822,803	-	-	-	20,210	1,586,414	16,216,180	-	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	-	53,166	2,862,027	2,915,192	-	-	-	-	-	53,166	2,862,027	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	50,116	4,597,332	4,717,734	-	-	-	-	70,286	50,116	4,597,332	Non-ISO	
RANDBURG(CEP) SUB	8031	115kV	116	416,451	5,837,477	6,254,044	-	-	-	-	116	416,451	5,837,477	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	7,043,038	7,155,569	-	-	-	-	-	112,531	7,043,038	Non-ISO	
ZANU(CEP) SUB	8035	115kV	152,559	1,694,726	9,593,799	11,441,083	-	-	-	152,559	-	1,694,726	9,593,799	Non-ISO	
SANTA ROSA(CEP) SUB	8036	115kV	44,689	439,321	20,903,882	21,387,893	-	-	-	-	44,689	439,321	20,903,882	Non-ISO	
NELSON(CEP) SUB	8038	115kV	22,819	1,002,895	14,314,169	15,339,884	-	-	-	22,819	1,002,895	14,314,169	-	Non-ISO	
HOMART(CEP) SUB	8039	115kV	174,875	425,577	5,350,954	5,951,406	-	-	-	174,875	425,577	5,350,954	-	Non-ISO	
HOLGATE(CEP) SUB	8041	115kV	27,167	405,785	3,235,761	3,668,712	-	-	-	-	27,167	405,785	3,235,761	Non-ISO	
CALECTRIC SUB (CEP)	8042	115kV	27,870	2,639,595	23,496,391	26,163,855	-	-	-	-	27,870	2,639,595	23,496,391	Non-ISO	
GARNET SUB	8044	115kV	37,635	1,742,514	18,202,085	19,982,235	-	-	-	-	-	37,635	1,742,514	18,202,085	Non-ISO
IID TIE SUB	8045	115kV	39,144	-	23,873	63,017	-	-	-	-	39,144	-	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	7,981,883	8,046,590	-	-	-	-	-	64,707	7,981,883	Non-ISO	
SN ONOFRE SWTHRK-100%SC	8055	220kV	-	1,796,202	10,597,926	12,394,128	-	-	-	-	-	1,796,202	10,597,926	Non-ISO	
PUREWATER SUB	8059	115kV	-	1,755,506	1,357,312	1,532,818	-	-	-	-	-	1,755,506	1,357,312	Non-ISO	
WHIRLWIND SUB	8060	500kV	-	37,379,414	197,945,316	235,324,730	-	#####	-	197,945,316	-	-	-	ISO	
SEAWIND T/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	
NUSED GALE	8067	115kV	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CARODEAN	8072	115kV	-	562,701	10,144,791	10,707,492	-	-	-	-	-	562,701	10,144,791	Non-	

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 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/Tr ans Line	High / Low / Straddle
			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		
HESPERIA SUB	8087	115KV	22,150	435,587	7,695,636	8,153,373	-	-	-	22,150	435,587	7,695,636	Non-ISO	-
SKYLARK SUB	8088	115KV	81,206	2,808,006	10,719,900	13,609,113	-	-	-	81,206	2,808,006	10,719,900	Non-ISO	-
MAYBERRY SUB	8089	115KV	23,090	468,965	16,707,609	17,199,663	-	-	-	23,090	468,965	16,707,609	Non-ISO	-
PERMANENTE SUB	8090	115KV	-	-	87,113	87,113	-	-	-	-	-	87,113	Non-ISO	-
ELCENTRO TELEMETERING	8091	161KV	-	-	15,844	15,844	-	-	-	-	-	15,844	Non-ISO	-
NILAND TELEMETERING	8092	161KV	-	-	6,807	6,807	-	-	-	-	-	6,807	Non-ISO	-
SHANDIN SUB	8093	115KV	42,272	739,981	11,115,273	11,897,527	-	-	-	42,272	739,981	11,115,273	Non-ISO	-
ARROWHEAD SUB	8094	115KV	-	509,864	5,964,766	6,474,630	-	-	-	-	509,864	5,964,766	Non-ISO	-
STETSON SUB	8095	115KV	23,493	756,982	9,877,631	10,658,105	-	-	-	23,493	756,982	9,877,631	Non-ISO	-
MARSCHINO SUB	8096	115KV	27,809	1,619,105	10,898,445	12,545,360	-	-	-	27,809	1,619,105	10,898,445	Non-ISO	-
DUNN SIDING SUB	8097	115KV	4,913	140,330	722,246	867,488	-	-	-	4,913	140,330	722,246	Non-ISO	-
EISENHOWER SUB	8098	115KV	189,886	812,071	12,854,035	13,855,993	-	-	-	189,886	812,071	12,854,035	Non-ISO	-
TAMARISK SUB	8099	115KV	125,967	418,260	16,553,116	17,097,343	-	-	-	125,967	418,260	16,553,116	Non-ISO	-
AMARGO SUB	8102	33KV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
FARRELL SUB	8104	115KV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
BARSTOW SUB	8110	33KV & Below	-	6,894	59,447	66,341	-	-	-	-	6,894	59,447	Non-ISO	-
BLYTHE SUB	8113	33KV & Below	-	22,511	440,016	462,527	-	-	-	-	22,511	440,016	Non-ISO	-
BRYMAN SUB	8117	33KV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
CADY SUB	8119	33KV & Below	-	13,562	-	13,562	-	-	-	-	13,562	-	Non-ISO	-
MILITARY SUB	8120	33KV & Below	-	15,598	-	15,598	-	-	-	-	15,598	-	Non-ISO	-
CANTIL SUB	8121	33KV & Below	-	57,897	7,293	65,190	-	-	-	-	57,897	7,293	Non-ISO	-
CATHEDRAL CITY SUB	8123	33KV & Below	-	9,939	-	9,939	-	-	-	-	9,939	-	Non-ISO	-
CAL CITY SUB	8132	33KV & Below	-	6,894	-	6,894	-	-	-	-	6,894	-	Non-ISO	-
DESERT OUTPOST SUB	8136	33KV & Below	-	13,544	-	13,544	-	-	-	-	13,544	-	Non-ISO	-
DOWNS SUB	8137	115KV	82,401	5,774,614	17,136,186	22,993,201	-	-	-	82,401	5,774,614	17,136,186	Non-ISO	-
EAST BARSTOW SUB	8140	33KV & Below	-	12,855	-	12,855	-	-	-	-	12,855	-	Non-ISO	-
FOREST HOME SUB	8148	33KV & Below	-	15,135	-	15,135	-	-	-	-	15,135	-	Non-ISO	-
GLEN IVY SUB	8152	33KV & Below	-	15,642	27,225	42,866	-	-	-	-	15,642	27,225	Non-ISO	-
EL SOBRANTE SUB	8159	33KV & Below	-	24,846	-	24,846	-	-	-	-	24,846	-	Non-ISO	-
HARVARD SUB	8161	33KV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
HELENDALE SUB	8163	33KV & Below	-	15,110	81,054	96,165	-	-	-	-	15,110	81,054	Non-ISO	-
INYOKERN TOWN SUB	8170	33KV & Below	-	-	7,735	7,735	-	-	-	-	-	7,735	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	-	173,227	1,283,195	1,456,423	-	-	-	-	173,227	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	4,841,726	5,733,056	-	-	-	104,923	786,407	4,841,726	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	-	-	-	-	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	-
PERLESS SUB	8216	33KV & Below	-	7,635	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	-
TENAIA SUBSTATION	8270	115KV	-	-	21,919	21,919	-	-	-	-	-	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	5,307,539	5,841,196	-	-	-	-	533,657	5,307,539	Non-ISO	-
GOLD HILL SUB	8294	33KV & Below	-	6,894	-	6,894	-	-	-	-	6,894	-	Non-ISO	-
PORTILLA SUB	8295	115KV	-	48,114	-	48,114	-	-	-	-	48,114	-	Non-ISO	-
BUCKWIND	8301	115KV	-	37,771	751,981	789,753	-	-	-	-	37,771	751,981	Non-ISO	-
CAPWIND	8302	115KV	-	29,827	528,132	557,958	-	-	-	-	29,827	528,132	Non-ISO	-
RENWIND	8303	115KV	-	15,102	814,074	829,176	-	-	-	-	15,102	814,074	Non-ISO	-
SANWIND	8304	115KV	-	-	371,041	371,041	-	-	-	-	-	371,041	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	2,286,515	2,312,685	-	-	-	-	26,170	2,286,515	Non-ISO	-
ALTWIND	8308	115KV	-	1,022	26,050	26,050	-	-	-	-	1,022	26,050	Non-ISO	-
TERAWIND	8310	115KV	-	5,398	226,460	231,859	-	-	-	-	5,398	226,460	Non-ISO	-
INDIGO SUBSTATION	8311	115KV	-	4,899	236,563	241,463	-	-	-	-	4,899	236,563	Non-ISO	-
CALGEN	8312	115KV	532	5,196	432,703	438,432	-	-	-	532	5,196	432,703	Non-ISO	-
MCGEN	8314	115KV	-	112,388	2,464,391	2,576,779	-	-	-	-	112,388	2,464,391	Non-ISO	-
SEGS II	8320	115KV	-	-	45,594	45,594	-	-	-	-	-	45,594	Non-ISO	-

SOUTHERN CALIFORNIA EDISON COMPANY

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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/Tr ac Line	High / Low / Straddle
			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		
SEGS III	8321	115kV	-	-	11,755	11,755	-	-	-	-	-	11,755	Non-ISO	-
SEGS IV	8322	115kV	-	-	53,056	53,056	-	-	-	-	-	53,056	Non-ISO	-
SEGS V	8323	115kV	-	-	8,814	8,814	-	-	-	-	-	8,814	Non-ISO	-
SEGS VI	8324	115kV	-	-	39,130	39,130	-	-	-	-	-	39,130	Non-ISO	-
SEGS VII	8325	115kV	-	-	119,704	119,704	-	-	-	-	-	119,704	Non-ISO	-
SEGS VIII	8326	220kV	-	-	83,150	83,150	-	-	-	-	-	83,150	Non-ISO	-
SEGS IX	8327	220kV	-	-	74,085	74,085	-	-	-	-	-	74,085	Non-ISO	-
SOPOT	8340	115kV	-	42,538	654,012	696,550	-	-	-	-	42,538	654,012	Non-ISO	-
NEWCOMB	8342	115kV	51,172	1,223,085	12,024,891	13,299,147	-	-	-	51,172	1,223,085	12,024,891	Non-ISO	-
ELSMORE	8343	115kV	20,961	1,435,426	17,598,985	19,055,372	-	-	-	20,961	1,435,426	17,598,985	Non-ISO	-
SOUTH BASE SUB	8344	115kV	12,179	170,995	2,007,154	2,200,328	-	-	-	12,179	170,995	2,007,154	Non-ISO	-
INDIAN WELLS SUB	8345	115kV	222,600	919,449	14,256,480	15,398,529	-	-	-	222,600	919,449	14,256,480	Non-ISO	-
PECHANGA SUB	8347	115kV	560,579	899,617	11,287,692	12,747,888	-	-	-	560,579	899,617	11,287,692	Non-ISO	-
NORAGA	8348	115kV	40,720	377,986	17,695,888	18,114,594	-	-	-	40,720	377,986	17,695,888	Non-ISO	-
TANKER SUBSTATION	8351	115kV	120	4,440	933,887	938,447	-	-	-	120	4,440	933,887	Non-ISO	-
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193	-	-	-	-	-	151,193	Non-ISO	-
AFG SUBSTATION	8354	115kV	-	78,655	1,083,399	1,162,054	-	-	-	-	78,655	1,083,399	Non-ISO	-
RECTIFIER SUB	8357	115kV	-	5,170	1,098,304	1,103,474	-	-	-	-	5,170	1,098,304	Non-ISO	-
MOUNTWIND SUBSTATION	8359	115kV	-	-	36,557	36,557	-	-	-	-	-	36,557	Non-ISO	-
COSO SUB	8361	115kV	91,119	1,675,850	4,796,344	6,563,313	-	-	-	91,119	1,675,850	4,796,344	Non-ISO	-
CALDWELL SUBSTATION	8360	220kV	-	30,789	-	-	-	-	-	-	30,789	-	Non-ISO	-
MOVAL SUBSTATION	8362	115kV	-	128,640	491,674	620,314	-	-	-	-	128,640	491,674	Non-ISO	-
SANDLOT SUB	8370	220kV	-	938,846	4,028,190	4,967,036	-	-	-	-	938,846	4,028,190	Non-ISO	-
KARMA SUB	8371	115kV	1,200	-	189,559	190,758	-	-	-	1,200	-	189,559	Non-ISO	-
PRIMM SUBSTATION	8372	220kV	-	11,978,708	19,134,448	31,113,156	-	#####	19,134,448	-	-	-	ISO	High
BLAST SUBSTATION	8373	115kV	-	471,546	69,402	540,949	-	-	-	-	471,546	69,402	Non-ISO	-
CALCITE SUBSTATION 220 kV	8375	220kV	-	-	14,699	14,699	-	-	14,699	-	-	-	ISO	High
PHARMACY SUBSTATION	8509	66kV	-	-	43,289	43,289	-	-	-	-	-	43,289	Non-ISO	-
GLOW SUBSTATION	8511	66kV	-	-	128,972	128,972	-	-	-	-	-	128,972	Non-ISO	-
PLASTER SUBSTATION	8558	66kV	4,671	-	-	4,671	-	-	-	4,671	-	-	Non-ISO	-
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-	1,188,142	-	-	-	1,188,142	-	-	Non-ISO	-
SHELL WESTERN(BREA) SUB	8813	66kV	-	9,846	-	9,846	-	-	-	-	9,846	-	Non-ISO	-
EAST TRANSITION	8860	500kV	-	7,537,209	8,688,222	16,225,430	-	#####	8,688,222	-	-	-	ISO	High
MWD EASTSIDE RES	8956	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	-
WEST TRANSITION	8960	500kV	-	7,367,506	7,480,746	14,848,252	-	#####	7,480,746	-	-	-	ISO	High
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	527,316	527,316	-	-	-	-	-	527,316	Non-ISO	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	92,260,238	92,260,238	-	-	-	-	-	92,260,238	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 GBR/L VAL REG	9285	Div Offices & Misc	-	-	37,054	37,054	-	-	-	-	-	37,054	Non-ISO	-
REAL PROP-LAND SVCS-SHTRN	9287	Misc	-	12,869	-	12,869	-	-	-	-	12,869	-	Non-ISO	-
ALHAMBRA COMM SITE	9300	Misc	-	-	9,775	9,775	-	-	-	-	-	9,775	Non-ISO	-
TELCOMM-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 ACTGT-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-	631	-	-	Non-ISO	-
CUMMINGS SUB	5357	66kV	-	-	119,219	119,219	-	-	-	-	-	119,219	Non-ISO	-
MONOLITH SUB	5358	66kV	-	234	1,156,662	1,156,896	-	-	-	-	234	1,156,662	Non-ISO	-
ACTON SUB	5365	66kV	24,167	-	15,397	39,564	-	-	-	24,167	-	15,397	Non-ISO	-
DEL SUB 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	-
ANAVEDE SUB	5539	66kV	-	-	76,359	76,359	-	-	-	-	-	76,359	Non-ISO	-
ROSAMOND SUB	5541	66kV	-	66,626	658,870	725,496	-	-	-	-	66,626	658,870	Non-ISO	-
PLUTE 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	-	11,023	220,467	231,490	-	-	-	-	11,023	220,467	Non-ISO	-
HELJET SUB	5599	66kV	-	-	499,396	499,396	-	-	-	-	-	499,396	Non-ISO	-
RITTER SUB	8504	66kV	942,487	-	942,487	942,487	-	-	-	942,487	-	-	Non-ISO	-
BIG CREEK NO.1	2211	220kV	-	264,412	13,789,586	14,053,998	-	149,505	7,788,335	-	114,907	6,001,251	Mix	High
BIG CREEK NO.8	2229	220kV	-	282,649	3,159,236	3,441,885	-	271,731	3,037,202	-	10,918	122,033	Mix	High
BIG CREEK NO.3	2230	220kV	-	2,536,133	18,984,216	21,520,350	-	#####	14,358,573	-	617,947	4,625,643	Mix	High
CONTROL STATION	2556	115kV	-	1,661,309	15,819,308	17,480,617	-	#####	12,383,396	-	393,876	3,435,911	Mix	Low
T.M. GOODRICH SUB-PASADEN	5010	220kV	-	688,345	(30,051)	658,293	-	688,345	(30,051)	-	-	-	ISO	High
EAGLE ROCK SUB	5011	220kV	19,613	4,966,351	35,982,920	40,968,884	3,668	928,128	6,730,932	15,945	4,038,224	29,251,988	Mix	High
MESA SUB	5012	220kV	2,031,347	109,786,665	247,640,976	359,458,989	944,647	#####	117,779,948	1,086,700	61,350,322	129,861,028	Mix	High
RIO HONDO SUB	5013	220kV	457,530	10,705,776	81,007,826	92,171,132	110,547	#####	19,572,965	346,982	8,119,067	61,434,861	Mix	High
WALNUT SUB	5014	220kV	97,955	15,005,377	48,648,127	63,751,459	31,869	#####	13,010,213	66,086	7,306,233	53,637,914	Mix	High
GOULD SUB	5015	220kV	29,300	1,529,628	33,436,032	34,994,960	10,869	567,428	12,403,374	18,431	962,200	21,032,658	Mix	High
DRY CREEK WIND SUB	5018	220kV	-	(0,01)	0,01	-	-	(0,01)	0,01	-	-	-	ISO	High
LA FRESA SUB	5021	220kV	101,370	14,510,282	141,623,246	156,234,897	17,520	#####	24,489,011	83,850	12,014,167	117,134,234	Mix	High
EL NIDO SUB	5023	220kV	285,620	15,106,546	52,941,513	68,333,679	94,301	#####	17,479,758	191,319	10,119,465	35,461,755	Mix	High
LA CIENEGA SUB	5024	220kV	2,100,227	6,632,515	44,723,948	53,456,690	648,332	#####	13,640,902	1,451,895	4,419,872	31,083,046	Mix	High
ALAMITOS SWITCHRACK SUB	5025	220kV	62,281	3,449,570	45,623,715	49,135,566	14,319	252,130	11,030,239	47,962	3,197,440	34,593,476	Mix	High
LG BCH SWITCHRACK SUB	5027	220kV	97,213	1,384,839	8,737,416	10,219,468	32,719	466,098	2,940,768	64,494	918,741	5,796,648	Mix	High
REDONDO SWITCHRACK SUB	5028	220kV	13,018	39,761	6,654,507	6,707,286	9,718	29,680	4,967,290	3,301	10,081	1,687,217	Mix	High
EDMONSTON SUBSTATION	5029	220kV	-	-	5,050	5,050	-	-	-	-	-	5,050	Non-ISO	-
MAGNUSON SUB	5031	220kV	8,363	4,191,390	24,676,703	28,876,456	7,919	#####	23,366,670	444	223,156	1,310,032	Mix	High
RECTOR SUB	5033	220kV	394,843	36,012,981	127,789,842	164,197,666	203,071	#####	65,711,839	191,772	17,520,632	62,078,004	Mix	High
SPRINGVILLE SUB	5034	220kV	12,198	3,714,628	45,189,354	48,916,179	5,454	#####	20,279,136	6,744	2,128,594	24,910,217	Mix	High
VESTAL SUB	5035	220kV	7,243	1,884,613	58,130,185	60,022,041	3,581	934,701	28,737,044	3,662	949,912	29,393,141	Mix	High
OMAR SUB	5037	220kV	-	36,798	-	-	-	-	-	-	-	36,798	Non-ISO	-
EAGLE MT. SUB	5040	220kV	-	620,471	19,955,744	20,576,215	-	274,755	9,075,348	-	345,716	10,880,396	Mix	Straddle</

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non- ISO/Mix/Tr ans Line	High/ Low / Straddle
			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		
GOLETA-SANTA CLARA, OTHERS	4125	220kV	13,310,983	1,206,209	500,270	15,017,462	9,903,843	897,462	372,219	3,407,140	308,747	128,051	-	-
NORTH BOULDER-MEAD, OTHER	4127	220kV	19,842	-	-	19,842	12,581	-	-	7,261	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	66kV	31,413	-	-	31,413	-	-	-	31,413	-	-	-	-
MOHAVE-LUGO 500KV	4130	500kV	157,990	-	-	157,990	157,990	-	-	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	66kV	3,146	-	-	3,146	-	-	-	3,146	-	-	-	-
BOREL...-WALKER 66KV LN	4133	66kV	46,874	-	-	46,874	-	-	-	46,874	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	220kV	2,197,404	164,862	-	2,362,267	1,692,273	126,964	-	505,131	37,898	-	-	-
LUGO-ELDORADO LNS	4136	500kV	1,330,373	-	-	1,330,373	1,330,373	-	-	-	-	-	-	-
LUGO-ELDORADO LN	4137	500kV	16,589	-	-	16,589	-	-	-	-	-	-	-	-
LUGO-MIRA LOMA 2&3	4138	500kV	9,587,137	3,085,745	98	12,672,981	9,587,137	#####	98	-	-	-	-	-
SPRGVLL-TULE 66KV LN	4139	66kV	517	-	-	517	-	-	-	517	-	-	-	-
MOHAVE-LUGO 500 KV LN	4140	500kV	278,112	7,308	-	285,419	278,112	7,307.60	-	-	-	-	-	-
MOHAVE-ELDORADO LN	4141	500kV	76,199	-	-	76,199	76,199	-	-	-	-	-	-	-
BOREL-WELDON 66KV LN	4142	66kV	25,409	-	-	28,897	-	-	-	25,409	-	-	3,488	-
ELDORADO-BORDER 500 KV LN	4143	500kV	6,167	-	-	6,167	6,167	-	-	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	220kV	9,994	-	-	9,994	9,994	-	-	-	-	-	-	-
VINCENT-PARDEE LN 2	4147	220kV	3,884,037	-	1,880	3,885,917	3,884,037	-	1,880	-	-	-	-	-
MIRA LOMA-SERRANO LN	4148	500kV	1,733,248	-	-	1,733,248	1,733,248	-	-	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149	33kV & Below	232	-	-	232	-	-	-	232	-	-	-	-
VINCENT-PEARLBLOSSOM LN	4153	220kV	309,032	-	-	309,032	-	-	-	309,032	-	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154	500kV	748,544	51,478	-	800,021	748,544	51,478	-	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	500kV	5,825,616	-	-	5,825,616	5,825,616	-	-	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	220kV	12,018,447	-	-	12,018,447	12,018,447	-	-	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4157	220kV	105,605	18,610	-	124,216	105,605	18,610	-	-	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158	500kV	498,252	-	-	498,252	498,252	-	-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	220kV	9,034	-	-	9,034	9,034	-	-	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	220kV	4,331	523,515	-	527,846	-	-	-	4,331	523,515	-	-	-
BIG CRK 1-RECTOR, OTHER	4169	220kV	11,719,539	692,660	471,335	12,883,535	11,423,011	675,134	459,410	296,528	17,526	11,926	-	-
DEVERS-PALO VERDE	4185	500kV	14,776,950	-	-	14,776,950	14,776,950	-	-	-	-	-	-	-
DEVERS-PALO VERDE	4186	500kV	1,193,710	-	-	1,193,710	1,193,710	-	-	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	500kV	10,435,644	192,106	-	10,627,751	10,435,644	192,106	-	-	-	-	-	-
SERRANO-VALLEY LN	4188	500kV	2,855,109	267,678	-	3,122,788	2,855,109	267,678	-	-	-	-	-	-
VALLEY-INLAND 500KV TL	4191	500kV	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY-SERRANO 500 KV LN	4988	500kV	-	-	-	-	-	-	-	-	-	-	-	-
SERRANO-VILLA PK LN 1,2,3	4189	220kV	78,248	37,274	-	115,521	78,248	37,274	-	-	-	-	-	-
VARIOUS 66KV LINES	4200	66kV	-	-	-	-	-	-	-	-	-	-	-	-
MAGUNDEN-PASTORIA	4201	220kV	-	-	-	-	-	-	-	-	-	-	-	-
SSAN JOAQUIN REGION 66KV	4205	66kV	-	-	-	-	-	-	-	-	-	-	-	-
E-MAGUNDEN-ANTELOPE 220KV	4207	220kV	-	25,798	-	25,798	-	-	-	-	25,798	-	-	-
BIG CREEK #3/#4 220KV LN	4211	220kV	-	-	-	-	-	-	-	-	-	-	-	-
BIG CREEK 3-SPRGVLL-MGNDN	4213	220kV	-	-	-	-	-	-	-	-	-	-	-	-
BIG CREEK 3-MAMMOTH POOL	4268	220kV	-	-	-	-	-	-	-	-	-	-	-	-
RECTOR-VESTAL #2 220KV	4269	220kV	-	-	-	-	-	-	-	-	-	-	-	-
BIG CREEK4-SPRGVLL-MGNDN	4288	220kV	-	-	-	-	-	-	-	-	-	-	-	-
ALL 66KV T/L-COASTAL REGN	4405	66kV	-	-	-	-	-	-	-	-	-	-	-	-
EAGLE ROCK-MESA 220 KV LN	4301	220kV	-	-	-	-	-	-	-	-	-	-	-	-
ALL 66KV T/L-METRO REGION	4305	66kV	-	-	-	-	-	-	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	220kV	-	-	-	-	-	-	-	-	-	-	-	-
CHINO-VILLA PARK 220KV LN	4318	220kV	-	-	-	-	-	-	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	220kV	-	-	-	-	-	-	-	-	-	-	-	-
MESA VINCENT No 2 220 kv LINE	4325	220kV	-	-	-	-	-	-	-	-	-	-	-	-
MIRA LOMA-SERRANO# 1&2 500KV	4348	500kV	-	-	-	-	-	-	-	-	-	-	-	-
MIRA LOMA - VINCENT 500 KV LINE	4360	500kV	26,084,336	2,862,883	-	28,947,219	26,084,336	#####	-	-	-	-	-	-
MESA-REDONDO 220KV LN	4414	220kV	-	-	-	-	-	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	220kV	-	-	-	-	-	-	-	-	-	-	-	-
DEVERS-HINDS 220KV LNS	4504	220kV	-	-	-	-	-	-	-	-	-	-	-	-
33 & 66KV LINES IN ESTRN R	4505	66kV	-	-	-	-	-	-	-	-	-	-	-	-
COGEN/RENEW ENGY RESOURCE	4506	115kV	-	-	-	-	-	-	-	-	-	-	-	-
ISO 115KV T/L	4513	115kV	-	-	-	-	-	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	220kV	-	-	-	-	-	-	-	-	-	-	-	-
MIRA LOMA-WALNUT 220KV LN	4519	220kV	-	-	-	-	-	-	-	-	-	-	-	-
LUGO-MIRA LOMA NO. 1&2	4538	500kV	-	-	-	-	-	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	115kV	-	-	-	-	-	-	-	-	-	-	-	-
DEVERS-VALLEY 500 KV LNS	4587	500kV	-	-	-	-	-	-	-	-	-	-	-	-
BAILEY-PARDEE 220 KV LN	4601	220kV	-	-	-	-	-	-	-	-	-	-	-	-
ISO 66KV T/L-NORTHERN REG	4603	66kV	-	-	-	-	-	-	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	66kV	-	-	-	-	-	-	-	-	-	-	-	-
ANTELOPE-MAGUNDEN 220 KV	4607	220kV	-	-	-	-	-	-	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	220kV	-	-	-	-	-	-	-	-	-	-	-	-
ANTELOPE-PARDEE	4644	220kV	3,934,890	-	-	3,934,890	3,934,890	-	-	-	-	-	-	-
PARDEE-SYLMAR 220 KV LN	4645	220kV	-	-	-	-	-	-	-	-	-	-	-	-
PARDEE-VINCENT 220KV LN 2	4647	220kV	-	7,378	-	7,378	-	7,377.86	-	-	-	-	-	-
CORONA-JEFFERSON 66 KV LN	4705	66kV	243,215	2,111,150	-	2,354,365	138,238	#####	-	104,977	911,217	-	-	-
ANTELOPE-WINDHUB 500KV LN	4708	500kV	16,796,780	-	-	16,796,780	16,796,780	-	-	-	-	-	-	-
WINDHUB-HIGHWIND 230KV LN	4709	220kV	3,268,655	-	-	3,268,655	3,268,655	-	-	-	-	-	-	-
WHIRLWIND-WINDHUB 500KV L	4711	500kV	-	-	-	-	71,262	-	-	-	-	-	-	-
ANTELOPE - VINCENT #2 500KV	4712	500kV	11,885,452	-	-	11,885,452	11,885,452	-	-	-	-	-	-	-
LAGUNA-BELL 220KV	4714	220kV	-	-	-	-	-	-	-	-	-	-	-	-
CIMA-ELDO-PISGH	4717	220kV	-	-	-	-	-	-	-	-	-	-	-	-
COLWTR-KRMR,LUGO-VICTR220	4725	220kV	-	-	-	-	-	-	-	-	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	55kV	10,585	-	-	10,585	-	-	-	10,585	-	-	-	-
ELDORADO-NANPAH NO 1&2 - CA	4733	220kV	-	-	-	-	-	-	-	-	-	-	-	-
ELDORADO-NANPAH NO 1&2 - NV	4734	220kV	352,196	-	-	352,196	352,196	-	-	-	-	-	-	-
BISHOP CRK5&8,115KV LINES	4735	115kV	(11)	505,731	-	505,720	-	-	-	(11)	505,731	-	-	-
LUGO-MOHAVE 500KV	4740	500kV	-	-	-	-	-	-	-	-	-	-	-	-
115 KV LNS, ESTN T/S REG	4750	115kV	16,338,328	285,897	8,682,010	25,306,235	4,399,982	76,993	2,338,103	11,938,346	208,904	6,343,907	-	-
LUGO-VICTORVILLE 500KV	4754	500kV	-	-	-	-	-	-	-	-	-	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	220kV	1,079,238	16,401	-	1,095,639	1,079,238	16,401	-	-	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 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
			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		
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
HOOVER-CLWTR 115 KV LN	4781	115KV	1,277	-	-	1,277	1,255	-	-	23	-	-	-	Trans Line
HOOVER-CLWTR 115 KV LN	4782	115KV	165,196	-	-	165,196	165,196	-	-	-	-	-	-	Trans Line
SERRANO-VILLA PARK 220KV	4889	220KV	-	-	-	-	-	-	-	-	-	-	-	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	15,917,279	-	-	15,917,279	15,917,279	-	-	-	-	-	-	Trans Line
BARRE 1&2-VILLA PARK 220K	4818	220KV	-	-	-	-	-	-	-	-	-	-	-	Trans Line
ELUS-HNGTN BCH#1-4 220KV	4820	220KV	-	-	-	-	-	-	-	-	-	-	-	Trans Line
TOTAL TRANSMISSION SUBSTATIONS			\$ 346,869,499	\$ 1,239,970,651	\$ 6,920,460,334	\$ 8,507,300,484	\$ 255,825,467	#####	\$ 3,923,603,075	\$ 91,044,032	\$ 444,549,319	\$ 2,996,857,259		
Recalc based on all other TS locations														
Allocation % to use							73.75%	64.15%	56.70%	26.25%	35.85%	43.30%		
DIV MTCE / OVERHAUL MNGT	1000	66KV	-	-	17,861	17,861	-	-	10,127	-	-	7,735	Mix	Low
MOUNTAINVIEW POWER-COMMON	1250	220KV	-	-	27,323,050	27,323,050	-	-	15,490,993	-	-	11,832,057	Mix	High
PALOVERDE-SWITCHYARD	1869	500KV	-	2,465,520	7,901,074	10,366,594	-	#####	4,479,569	-	883,928	3,421,505	Mix	High
PV UNIT 1-INCREMENTAL	1870	500KV	-	-	194,959	194,959	-	-	110,533	-	-	84,425	Mix	High
BIG CREEK NO 2	2212	220KV	-	-	2,274,534	2,274,534	-	-	1,289,563	-	-	984,971	Mix	High
BIG CREEK NO 2A	2234	220KV	-	-	1,031,434	1,031,434	-	-	584,779	-	-	446,655	Mix	High
MET T/S REGION	4300	66KV	-	131,348	14,696	146,044	-	84,258	8,332	-	47,090	6,364	Mix	Low
COASTAL T/S REGION	4400	66KV	3,127	433,988	92,729	529,844	2,306	278,396	52,573	821	155,592	40,156	Mix	Low
EASTERN T/S REGION	4500	66KV	-	1,650,139	916,891	2,567,030	-	#####	519,838	-	591,601	397,053	Mix	Low
NRTHN T/S REGION	4600	66KV	-	2,007,612	-	2,007,612	-	#####	-	-	719,761	-	Mix	Low
EASTERN T/S REG	4700	66KV	33,305	522,260	591,382	1,146,948	24,563	335,022	335,288	8,742	187,239	256,094	Mix	Low
HUMAN EXTERNAL CARGO TRAINING SITE	4799	66KV	-	321,805	-	321,805	-	206,433	-	-	115,372	-	Mix	Low
VAR. TRANS. LINES S/E DIV	4800	66KV	2,931	1,543,933	711,670	2,258,534	2,161	990,408	403,486	769	553,525	308,184	Mix	Low
NORTHEASTERN T/S DIV.	4900	66KV	-	-	-	-	-	-	-	-	-	-	Mix	Low
SUBSTN DIV	5000	Misc	-	-	3,270,205	3,270,205	-	-	1,854,065	-	-	1,416,139	Mix	Low
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,723,403	-	3,846,745	90,968	#####	-	32,374	1,334,899	-	Mix	Low
METRO REGION	5100	33kv & Below	-	-	265,939	265,939	-	-	150,776	-	-	115,163	Mix	Low
NEENACH SUB	5556	66KV	-	46,787	408,193	454,981	-	30,013	231,428	-	16,774	176,765	Mix	Low
BARSTOW NO RGN-SAN BERDOO	6072	CSTMR SRVC FAC.	-	7,617	-	7,617	-	4,886	-	-	2,731	-	Mix	Low
FRESNO COUNTY	7010	33KV & Below	-	-	-	-	-	-	-	-	-	-	Mix	Low
VENTURA COUNTY	7056	33KV & Below	-	-	74,798	74,798	-	-	42,407	-	-	32,391	Mix	Low
B&A-T/S 3RD FLOOR-G03	9010	220KV	-	-	823	823	-	-	467	-	-	357	Mix	High
CHINO OFC BLDG (FACILITY)	9024	Misc	-	373,558	-	373,558	-	239,631	-	-	133,926	-	Mix	Low
IRVINE OPER CENTER	9078	Misc	-	8,245	-	8,245	-	5,289	-	-	2,956	-	Mix	Low
FUELS	9203	Misc	-	-	341,890	341,890	-	-	193,837	-	-	148,053	Mix	Low
INNOVATION VILLAGE 1	9221	Div Offices & Misc	-	-	1,509,815	1,509,815	-	-	856,000	-	-	653,815	Mix	Low
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	375,558	2,962,532	3,338,089	-	240,914	1,679,628	-	134,643	1,282,904	Mix	Low
TELECOMM-ALHAMBRA	9330	Misc	-	-	69,276	69,276	-	-	39,277	-	-	30,000	Mix	Low
CONWAY SUMMIT COMM SITE	9339	Misc	-	-	14,913	14,913	-	-	8,455	-	-	6,458	Mix	Low
INTERNAL ORDER	INTERNALORDE	Misc	-	-	1,868	1,868	-	-	1,059	-	-	809	Mix	Low
CONTROL-VILLA PARK 220KV LN	4318-NU	220KV	-	-	-	-	-	-	-	-	-	-	Mix	High
Total Locations Recalc'd			\$ 162,705	\$ 13,611,772	\$ 49,990,532	\$ 63,765,009	\$ 119,999	#####	\$ 28,342,480	\$ 42,706	\$ 4,880,038	\$ 21,648,053		
ISO Total			30,525,613	410,377,586	1,923,023,794	2,363,926,993	30,525,613	#####	1,923,023,794	-	-	-		
Non-ISO Total			19,400,627	94,978,934	999,596,732	1,113,976,292	-	-	-	19,400,627	94,978,934	999,596,732		
Mix Total			29,171,054	701,746,877	4,019,109,080	4,750,027,011	10,865,546	#####	2,019,590,119	18,305,508	338,160,362	1,999,518,961		
Trans Line Total			267,934,911	46,479,027	28,721,260	343,135,197	214,554,307	#####	9,331,641	53,380,603	16,290,061	19,389,619		
Allocation Total			162,705	13,611,772	49,990,532	63,765,009	119,999	#####	28,342,480	42,706	4,880,038	21,648,053		
Total Transmission Substitutions														
			\$ 347,032,204	\$ 1,253,582,423	\$ 6,970,450,866	\$ 8,571,065,493	\$ 255,945,466	#####	\$ 3,951,945,554	\$ 91,086,738	\$ 449,429,357	\$ 3,018,505,312		

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

2020 Year-End				2019 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
Land (Substation and Line)									
350	347,032,204	255,945,466	73.8%	345,076,489	254,455,516	73.7%	1,955,715	1,489,950	0.0%
Substation									
352	1,253,582,423	804,153,066	64.1%	1,143,959,589	741,230,571	64.8%	109,622,834	62,922,495	-0.6%
353	6,970,450,866	3,951,945,554	56.7%	6,517,444,420	3,714,934,156	57.0%	453,006,446	237,011,399	-0.3%
Total Substation	8,224,033,289	4,756,098,621	57.8%	7,661,404,009	4,456,164,727	58.2%	562,629,280	299,933,894	-0.3%
Lines									
354	\$2,396,538,521	2,302,122,819	96.1%	2,380,316,641	2,305,124,778	96.8%	16,221,880	(3,001,958)	-0.8%
355	1,828,031,265	431,972,729	23.6%	1,666,864,455	408,001,019	24.5%	161,166,810	23,971,710	-0.8%
356	1,891,498,739	1,449,635,758	76.6%	1,763,812,033	1,408,013,216	79.8%	127,686,706	41,622,542	-3.2%
357	325,221,172	215,412,776	66.2%	296,662,316	215,368,702	72.6%	28,558,856	44,074	-6.4%
358	406,147,584	59,261,609	14.6%	376,202,208	59,251,566	15.7%	29,945,375	10,043	-1.2%
359	215,837,806	192,098,213	89.0%	201,604,232	179,151,598	88.9%	14,233,574	12,946,614	0.1%
Total Lines	\$7,063,275,087	\$4,650,503,904	65.8%	6,685,461,886	4,574,910,878	68.4%	377,813,201	75,593,026	-2.6%
Total Transmission	15,634,340,580	9,662,547,991	61.8%	14,691,942,384	9,285,531,121	63.2%	942,398,196	377,016,870	-1.4%
Distribution									
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
Land:									
360	129,613,197	-	0.0%	129,043,959	-	0.0%	569,238	-	0.0%
Structures:									
361	844,613,530	-	0.0%	799,384,569	-	0.0%	45,228,960	-	0.0%
362	3,106,963,772	-	0.0%	2,967,456,409	-	0.0%	139,507,363	-	0.0%
Total Structures	3,951,577,302	-	0.0%	3,766,840,978	-	0.0%	184,736,324	-	0.0%
Total Distribution	4,081,190,499	-	0.0%	3,895,884,937	-	0.0%	185,305,562	-	0.0%
Total Transmission & Distribution	19,715,531,079	9,662,547,991	49.0%	18,587,827,321	9,285,531,121	50.0%	1,127,703,757	377,016,870	-0.9%

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	Study	x	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	
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	-	-	-	225,495	225,495	225,495	225,495	2,926,213	9,732,093	27,105	22,494,930	741,658	23,939,550	-	-	-	795,535
4031	DWP-EDSN CELILO-SYLMR CA	1000	Lines	-	8,594	8,594	-	-	327,584	327,584	336,178	-	95,841	-	30,474,771	-	-	-	-	136,841
4034	DWP-EDSN CELILO-SYLMR NV	1000	Lines	-	-	-	289,725	289,725	289,725	289,725	-	-	541	-	8,458,325	-	-	-	-	668,871
4045	PARDEE-SYLMAR LINES 1&2	220	Lines	-	-	-	12,996	12,996	12,996	12,996	187,213	106,089	-	-	-	566,392	-	-	-	38,006
4046	EAGLE ROCK-SYLMAR LNE	220	Lines	-	-	-	1,790	1,790	1,790	1,790	186,657	-	-	-	214,409	-	-	-	-	-
4051	PARDEE-VINCENT LN 1	220	Lines	-	-	-	32,325	32,325	32,325	32,325	-	-	-	-	316,356	-	-	-	-	145,317
4059	PARDEE-VINCENT LINE CONST	220	Lines	-	-	-	2,739	2,739	2,739	2,739	-	-	-	-	966,737	-	-	-	-	20,953
4070	RIO HONDO-VINCENT LN 2	220	Lines	-	-	-	4,424	4,424	4,424	4,424	-	-	-	-	436,317	-	-	-	-	11,892
4101	MANY TRANSMISSION LINES	220	Lines	-	-	-	352,201	344,521	352,201	344,521	1,538,663	666,850	98,475	26,536,115	3,252,821	47,697,388	-	-	-	1,151,849
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	-	-	-	8,427	4,780	8,427	4,780	1,466,128	-	-	-	2,598,835	3,278,599	-	-	-	824,324
4104	DEVERS-HINS LN, OTHERS	220	Lines	-	0.042	0.042	158,667	150,293	158,709	150,335	1,339,470	82,149	30,139	17,238,816	16,672,278	31,360,017	1,480	260,160	-	2,609,301
4105	33 AND 66 KV LINES	66	Lines	-	343,517	-	4,636,766	33,745	4,980,283	33,745	33,589,926	13,464,939	12,848,249	38,212,239	1,124,716,665	323,120,788	98,382,585	317,885,229	-	19,843,961
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	-	-	-	208,012	208,012	208,012	208,012	4,278,569	1,178,834	4,424,314	130,514,763	14,657,621	61,021,729	-	-	-	88,564,534
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	-	-	-	169,562	169,558	169,562	169,558	8,072,253	4,565,749	-	15,613,693	1,472,898	14,514,880	-	-	-	1,734,061
4109	COACHELLA VALLEY-DEVERS [SCE PC	220	Lines	-	-	-	0,650	0,650	0,650	0,650	-	-	-	-	25,255	-	-	-	-	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	-	-	-	5,791	5,791	5,791	5,791	-	-	-	133,734	-	1,189,572	-	-	-	29,429
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	-	-	-	99,298	99,288	99,298	99,288	874,872	23,989	-	20,158,137	77,656,081	16,572,889	-	-	-	631,018
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	-	-	-	129,553	123,628	129,553	123,628	3,210,534	1,119,825	661,182	18,026,969	7,776,511	18,778,957	-	-	-	304,171
4115	HINSON-LIGHTHIPE 1&2	220	Lines	-	-	-	27,067	27,067	27,067	27,067	1,607,024	616,675	2,149	4,183,107	498,077	2,127,313	-	-	-	27,417
4116	HINSON-LAFRESA, OTHERS	220	Lines	-	0.953	0.953	112,805	112,805	113,758	113,758	3,594,552	464,777	2,065	3,640,716	11,500,471	9,892,000	180,589	456,828	-	13,558
4117	ELDORADO-CIMA-PISGAH LN1,2	220	Lines	-	-	-	334,265	334,265	334,265	334,265	1,004,389	133,044	12,857	25,552,509	5,060,406	12,611,967	-	-	-	151,162
4119	CENTER-MESA LN, OTHERS	220	Lines	-	-	-	131,296	104,465	131,296	104,465	2,101,337	283,416	101	34,381,492	389,733	21,037,050	-	-	-	2,830,220
4120	ALAMITOS-CENTER, OTHERS	220	Lines	-	-	-	150,093	133,306	150,093	133,306	4,271,232	823,645	905,295	8,621,812	880,665	7,201,631	256	-	-	33,420
4121	BIG CREEK 4-SPRGVLL-MGDN	220	Lines	-	-	-	135,414	135,414	135,414	135,414	209,639	131,150	34	17,131,034	3,412,757	9,840,774	-	-	-	250,994
4123	LUGO-VINCENT LINES 1&2	500	Lines	-	-	-	94,387	94,387	94,387	94,387	1,749,466	-	16,633	14,101,498	103,494	7,195,860	-	-	-	1,891
4124	BIG CRK 1-CMP TEN--PRTL	66	Lines	-	-	-	-	-	-	-	485	-	-	48,890	312,251	202,022	1,343	68,591	-	-
4125	GOLETA-SANTA CLARA, OTHERS	220	Lines	-	-	-	414,747	308,587	414,747	308,587	13,310,983	1,206,209	500,270	34,013,015	3,348,574	18,051,646	-	-	-	1,797,025
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	-	-	-	85,089	53,952	85,089	53,952	19,842	-	-	700,024	8,020	549,803	-	-	-	5,205
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-	-	-	-	-	-	-	-	1,240	1,277	-	-	-	-
4129	KERN RIVERS-VESTAL 66 KV	66	Lines	-	-	-	88,602	-	88,602	-	31,413	-	-	345,087	1,720,892	931,818	-	-	-	-
4130	MOHAVE-LUGO 500KV	500	Lines	-	-	-	9,853	9,853	9,853	9,853	157,990	-	-	1,471,682	-	517,455	-	-	-	19,051
4132	CUMMINGS-KERBN RV1, OTHE	66	Lines	-	-	-	3,798	-	3,798	-	3,146	-	-	60,500	175,424	177,342	-	-	-	40,795
4133	BOREL---WALKER 66KV LN	66	Lines	-	-	-	38,551	-	38,551	-	46,874	-	-	7,516	17,152,599	1,011,654	-	-	-	11,455
4136	LUGO-ELDORADO LN	500	Lines	-	-	-	150,669	150,669	150,669	150,669	1,330,733	-	-	17,938,062	2,050,363	10,656,252	-	-	-	117,747
4137	LUGO-ELDORADO LN	500	Lines	-	-	-	26,509	26,509	26,509	26,509	16,589	-	-	3,643,443	-	4,529,049	-	-	-	20,088
4138	LUGO-MIRA LOMA 2&3	500	Lines	-	-	-	97,511	97,511	97,511	97,511	9,587,137	3,085,745	98	33,291,469	118,240	24,947,144	-	-	-	591,464
4139	SPRGVLL-TULE 66KV LN	66	Lines	-	-	-	2,388	-	2,388	-	517	-	-	-	1,014,979	161,619	-	-	-	-
4140	MOHAVE-LUGO 500 KV LN	500	Lines	-	-	-	165,957	165,957	165,957	165,957	278,112	7,308	-	25,306,365	1,513,721	10,310,625	-	-	-	329,333
4141	MOHAVE-ELDORADO LN	500	Lines	-	-	-	59,395	59,395	59,395	59,395	76,199	-	-	10,727,056	-	2,937,964	-	-	-	55,916
4142	BOREL-WELDON 66KV LN	66	Lines	-	-	-	31,508	-	31,508	-	25,409	-	3,488	-	5,911,034	1,310,902	-	-	-	-
4143	ELDORADO-BORDER 500 KV LN	500	Lines	-	-	-	29,646	29,646	29,646	29,646	6,167	-	-	7,140,276	-	3,320,768	-	-	-	145,064
4144	ELDORADO-MEAD LNS 1&2	220	Lines	-	-	-	30,636	30,636	30,636	30,636	9,994	-	-	905,979	(2,826)	429,215	-	-	-	1,023
4147	VINCENT-PARDEE LN 2	220	Lines	-	-	-	29,694	29,694	29,694	29,694	3,884,037	-	1,880	2,765,700	-	11,000,495	-	-	-	145,187
4148	MIRA LOMA-SERRANO LN	500	Lines	-	-	-	39,460	39,460	39,460	39,460	1,733,248	-	-	26,653,444	-	7,820,475	-	-	-	761,201
4149	SANTA ANA LNS 1,2,3	66	Lines	-	-	-	3,992	-	3,992	-	232	-	-	-	60,363	26,752	-	-	-	1,093
4153	VINCENT-PEARLOSSOM LN	220	Lines	-	-	-	13,127	-	13,127	-	309,032	-	-	60,375	1,287,413	308,138	-	-	-	23,687
4154	LUGO-VICTORVLL EDSON-DWP	500	Lines	-	-	-	7,574	7,574	7,574	7,574	748,544	51,478	-	2,748,973	-	759,625	-	-	-	-
4155	MIDWAY-VINCENT LN 3	500	Lines	-	-	-	60,245	60,245	60,245	60,245	5,825,616	-	-	20,858,769	1,757,686	7,511,408	-	-	-	187,772
4156	ELLIS-SANTIAGO LNS 1,2	220	Lines	-	-	-	29,493	29,493	29,493	29,493	12,018,447	-	-	2,262,700	6,476,819	2,971,326	-	-	-	38,262
4157	RIO HONDO-VINCENT NO. 2 220/50	220	Lines	-	-	-	48,182	48,182	48,182	48,182	105,605	18,610	-	9,922,834	5,182,888	9,991,109	-	-	-	541,333
4158	LUCERNE-LUGO/MIRA LOMA LN	500	Lines	-	-	-	1,000	1,000	1,000	1,000	498,252	-	-	-	-	-	-	-	-	-
4166	BIG CRK 2-BIG CRK 8	220	Lines	-	-	-	9,027	9,027	9,027	9,027	9,034	-	-	164,051	-	136,431	-	-	-	-
4168	BIG CRK 3-MAMMOTH POOL	220	Lines	-	-	-	6,504	-	6,504	-	4,331	523,515	-	262,365	-	526,631	-	-	-	37,890
4169	BIG CRK 1-RECTOR, OTHER	220	Lines	-																

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Location		Description	Voltage	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	
4799	HUMAN EXTERNAL CARGO TRAINING	66	Lines		-	-	-	-	-	-	-	-	321,805	-	2,640,369	814,823	650,602	-	-	
4800	VAR. TRANS. LINES-S/E DIV	66	Lines		-	-	-	-	-	-	2,931	1,543,933	711,670	559,885	1,832,205	1,226,842	3,783,979	6,890,890	-	
4647	PARDEE-VINCENT 220KV LN 2	220	Lines		-	-	65.466	65.466	65.466	65.466	-	-	7,378	-	-	-	-	-	-	
4900	NORTHEASTERN T/S DIV.	66	Lines		-	-	-	-	-	-	-	-	-	-	-	1,551,239	205,618	-	-	
4106	COGEN/RENEW ENGY SOURCES	115	Lines		-	-	20.502	-	20.502	-	195,086	-	-	-	-	20,809,511	506,655	14,238,082	-	
4106	COGEN/RENEW ENGY SOURCES	66	Lines		5.692	-	32.985	-	38.677	-	368,035	-	-	-	13,967,542	3,806,720	634,194	2,474,235	250,644	
4118	MRA LMA-VLL PK LNS, OTHR	220	Lines		-	-	155.754	132.050	155.754	132.050	5,473,685	876,002	32,757	20,809,511	506,655	14,238,082	-	-	175,735	
4118	MRA LMA-VLL PK LNS, OTHR	66	Lines		-	-	3.921	-	3.921	-	137,779	22,050	825	523,800	12,753	358,389	-	-	4,423	
4135	LUGO-VICTOR LNS, OTHR	220	Lines		-	-	336.502	247.775	336.502	247.775	1,915,735	143,730	-	11,376,187	1,402,127	7,294,550	-	-	111,218	
4135	LUGO-VICTOR LNS, OTHR	115	Lines		-	-	49.476	49.476	49.476	49.476	281,670	21,133	-	1,672,636	206,154	1,072,515	-	-	16,352	
4735	BISHOP CRKS&S&115KV LINES	115	Lines		-	-	4.459	-	4.459	-	(4)	173,673	-	4,010	306,994	63,159	-	-	4,905	
4735	BISHOP CRKS&S&115KV LINES	55	Lines		-	-	8.525	-	8.525	-	(7)	332,058	-	7,667	586,963	120,758	-	-	9,379	
4750	115 KV LNS, ESTN T/S REG	115	Lines		13.887	0.220	1,696,268	464.565	1,710.155	464.785	16,189,533	283,294	8,602,942	6,300,993	256,779,729	107,348,120	4,611,998	14,521,987	1,827,712	
4750	115 KV LNS, ESTN T/S REG	66/55/33	Lines		-	-	15.718	-	15.718	-	148,795	2,604	79,068	57,911	2,360,012	986,616	42,388	133,469	16,798	
4705	CORONA-JEFFERSON 66 KV LN	55	Lines		-	-	83.572	60.076	83.572	60.076	192,304	1,669,233	-	1,280,288	20,694,522	2,074,615	-	-	28,345	
4705	CORONA-JEFFERSON 66 KV LN	66	Lines		0.219	-	21.906	-	22.125	-	50,911	441,917	-	338,947	5,478,724	549,239	-	-	7,504	
2236	BIG CREEK NO.4		100% Subs		Allocated according to substation percentage						-	41,031	5,090,160	-	-	-	-	-	-	
2570	INVO		100% Subs		Allocated according to substation percentage						-	355,696	4,197,276	-	-	-	-	-	-	
5001	METRO GOM MAINT		100% Subs		Allocated according to substation percentage						-	-	50,243,202	-	-	-	-	-	-	
5019	HARBORGEN SUB		100% Subs		Allocated according to substation percentage						-	85,990	4,105,788	-	-	-	-	-	-	
5026	EL SEGUNDO SWITCHCRACK SUB		100% Subs		Allocated according to substation percentage						12,470	1,607,338	7,402,700	-	-	-	-	-	-	
5032	MIDWAY SUB		100% Subs		Allocated according to substation percentage						-	482,261	14,206,838	-	-	-	-	-	-	
5036	PASTORIA SUB		100% Subs		Allocated according to substation percentage						21,435	1,724,275	12,338,955	-	-	-	-	-	-	
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						-	3,962,869	21,482,933	-	-	-	-	-	-	
5047	RANCHO VISTA SUB		100% Subs		Allocated according to substation percentage						1,844,367	24,895,348	155,676,203	-	-	-	-	-	-	
5054 & 895	Vincent		100% Subs		Allocated according to substation percentage						17,324,279	43,879,174	239,780,601	-	-	-	-	-	-	
5058	SYLMAR SUB		100% Subs		Allocated according to substation percentage						-	19,757	1,948,141	-	-	-	-	-	-	
5061	LUGO SUB		100% Subs		Allocated according to substation percentage						90,981	34,024,479	152,153,753	-	-	-	-	-	-	
5065	PISGAH SUB		100% Subs		Allocated according to substation percentage						-	642,248	5,205,279	-	-	-	-	-	-	
5089	LEWIS SUB		100% Subs		Allocated according to substation percentage						1,444	337,024	5,407,787	-	-	-	-	-	-	
5091	MEAD SUB		100% Subs		Allocated according to substation percentage						-	12,205	12,306	-	-	-	-	-	-	
5092	MOENKOPF 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	8,323,790	-	-	-	-	-	-	
5097	PALO VERDE SWITCHCRACK SUB		100% Subs		Allocated according to substation percentage						-	486,323	7,773,824	-	-	-	-	-	-	
8060	WHIRLWIND SUB		100% Subs		Allocated according to substation percentage						-	37,379,414	197,945,316	-	-	-	-	-	-	
8084	HIGHWIND SUB		100% Subs		Allocated according to substation percentage						-	6,985,990	4,168,511	-	-	-	-	-	-	
8367	COLORADO RIVER SUB		100% Subs		Allocated according to substation percentage						-	40,294,563	139,610,766	-	-	-	-	-	-	
8372	PRIMM SUBSTATION		100% Subs		Allocated according to substation percentage						-	11,978,708	19,134,448	-	-	-	-	-	-	
8960	WEST TRANSITION		100% Subs		Allocated according to substation percentage						-	14,904,714	16,168,968	-	-	-	-	-	-	
8932	MIDWAY-PAC INTERTIE		100% Subs		Allocated according to substation percentage						-	162,585	13,930,693	-	-	-	-	-	-	
8950	PARDEE-PAC INTERTIE		100% Subs		Allocated according to substation percentage						-	55,269	942,130	-	-	-	-	-	-	
9219	RP&AS,LND&ESMNT REQUIS		100% Subs		Allocated according to substation percentage						9,939,315	45,883	-	-	-	-	-	-	-	
5090	EL DORADO SUB(NEVADA)		100% Subs		Allocated according to substation percentage						13,183	52,056,927	233,028,207	-	-	-	-	-	94,492	
5080	SERRANO SUB		100% Subs		Allocated according to substation percentage						1,226,475	29,139,771	218,485,552	-	-	-	-	-	2,236,590	
5093	WEST SERIES CAPACITORS		100% Subs		Allocated according to substation percentage						-	1,797,455	46,188,784	-	-	-	-	-	-	
8958	SYLMAR-PAC INTERTIE		100% Subs		Allocated according to substation percentage						51,663	7,768,618	217,710,790	2,505,376	-	359,913	-	-	-	
5010	T.M. GOODRICH SUB-PASADEN		100% Subs		Allocated according to substation percentage						-	688,345	(30,051)	-	-	-	-	-	-	
5018	DRYCREEKWIND SUB		100% Subs		Allocated according to substation percentage						-	(0)	0	-	-	-	-	-	-	
8363	IVANPAH SUB		100% Subs		Allocated according to substation percentage						-	13,309,986	33,327,986	-	-	-	-	-	-	
8369	RED BLUFF SUB		100% Subs		Allocated according to substation percentage						-	93,692,727	117,381,873	-	-	-	-	-	-	
8375	CALCITE SUBSTATION 220 KV		100% Subs		Allocated according to substation percentage						-	-	14,699	-	-	-	-	-	-	
4741	ELDORADO-MOHAVE 500KV		100% Subs		Allocated according to substation percentage						-	-	-	64,409	-	17,263	-	-	-	
9285	PROP SVCS-SN GBR L VAL REG		100% Subs		Allocated according to substation percentage						-	-	37,054	-	-	-	-	-	-	
4743	ELDORADO-MOENKOPF 500KV		100% Subs		Allocated according to substation percentage						-	-	-	31,041	-	14,475	-	-	-	
4744	ELDORADO-MEAD#1&2 220KV		100% Subs		Allocated according to substation percentage						-	-	-	(22)	-	-	-	-	-	
4848	LUGO-SERRANO 500KV T/L		100% Subs		Allocated according to substation percentage						-	-	-	7,943	-	-	-	-	-	
4357	RIO HONDO-VINCENT NO. 2 220/500KV		100% Subs		Allocated according to substation percentage						-	-	-	1,375	-	-	-	-	-	
INTERNAL ORDER					Allocated according to substation percentage						-	-	1,868	-	-	-	-	-	-	-
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	4,172,718	-	-	-	-	-	-	-
2239	EASTWOOD POWER STATION		0% Subs		Allocated according to substation percentage						-	627,754	4,941,968	-	-	-	-	-	-	-
2300	HYDRO PRODUCTION		0% Subs		Allocated according to substation percentage						-	-	10,367	-	-	-	-	-	-	-
2301	SNTA ANA RV&MILL CRK CNYN		0% Subs		Allocated according to substation percentage						-	-	421,924	-	-	-	-	-	-	-
2303	LYTLE CRK&SN ANTONIO CNYN		0% Subs		Allocated according to substation percentage						-	-	140,226	-	-	-	-	-	-	-
2305	KERN RIVER CANYON		0% Subs		Allocated according to substation percentage						-	-	692,140	-	-	-	-	-	-	-
2307	KAWEAH RIVER CANYON		0% Subs		Allocated according to substation percentage						-	-	572,929	-	-	-	-	-	-	-
2309	SAN GORGONIO CANYON		0% Subs		Allocated according to substation percentage						-	-	193,975	-	-	-	-	-	-	-
2313	KERN RIVER NO.1		0% Subs		Allocated according to substation percentage						-	4,184	643,018	-	-	-	-	-	-	-
2314	BOREL		0% Subs		Allocated according to substation percentage						-	1,383	259,591	-	-	-	-	-	-	-
2315	SANTA ANA NO.1		0% Subs		Allocated according to substation percentage						-	-	36,406	-	-	-	-	-	-	-
2317	SANTA ANA NO.3		0% Subs		Allocated according to substation percentage						-	-	14,930	-	-	-	-	-	-	-
2318	MILL CREEK NO.1		0% Subs		Allocated according to substation percentage						-	-	7,316	-	-	-	-	-	-	-
2319	MILL CREEK NO.2&3		0% Subs		Allocated according to substation percentage						1,464	-	52,080	-	-	-	-	-	-	-
2324	KAWEAH NO.1		0% Subs		Allocated according to substation percentage						-	-	625,062	-	-	-	-	-	-	-
2325	KAWEAH NO.2		0% Subs		Allocated according to substation percentage						-	2,694	49,126	-	-	-	-	-	-	-
2326	KAWEAH NO.3		0% Subs		Allocated according to substation percentage						-	-	57,269	-	-	-	-	-	-	-
2327	LOWER TULE RIVER		0% Subs		Allocated according to substation percentage						-	-	50,834	-	-	-	-	-	-	-
2328	KERN RIVER NO.3		0% Subs		Allocated according to substation percentage						-	-	460,723	-	-	-	-	-	-	-
2331	ONTARIO NO.1		0% Subs		Allocated according to substation percentage						-	-	205,914	-	-	-	-	-	-	-
2500	EASTERN HYDRO REGION		0% Subs		Allocated according to substation percentage						-	7,254	-	-	-	-	-	-	-	-
2501	BISHOP CREEK CANYON		0% Subs		Allocated according to substation percentage						-	-	705,804	-	-	-	-	-	-	-

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					UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358
2503	MONO BASIN		0% Subs		Allocated according to substation percentage					-	-	196,344	-	-	-	-	-	-
2560 & 2511	Lundy		0% Subs		Allocated according to substation percentage					-	317,627	5,816,830	-	-	-	-	-	-
2512	POOLE		0% Subs		Allocated according to substation percentage					-	-	120,052	-	-	-	-	-	-
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					-	-	82,668	-	-	-	-	-	-
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	12,150	-	-	-	-	-	-
2557	CASA DIABLO		0% Subs		Allocated according to substation percentage					2,119	442,356	9,171,394	-	-	-	-	-	-
2561	LEE VINING		0% Subs		Allocated according to substation percentage					344	262,259	2,302,338	-	-	-	-	-	-
2571	SHERWIN		0% Subs		Allocated according to substation percentage					-	100,772	1,769,494	-	-	-	-	-	-
2582	ZACK		0% Subs		Allocated according to substation percentage					400,881	-	369,628	-	-	-	-	-	-
2598	MT. TOM		0% Subs		Allocated according to substation percentage					-	-	(230)	-	-	-	-	-	-
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	963,824	-	-	-	-	-
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	88,592	2,561,161	-	-	-	-	-	-
5049	ORMOND BCH SWITCHCRACK SUB		0% Subs		Allocated according to substation percentage					158,170	34,483	5,924,405	-	-	-	-	-	-
5051	SAUGUS SUB		0% Subs		Allocated according to substation percentage					13,373	5,579,600	79,327,756	-	-	-	-	-	-
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					-	12,697	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	262,196	5,266,267	-	-	-	-	-	-
5095	TRITON SUB		0% Subs		Allocated according to substation percentage					2,415,092	2,377,770	26,659,995	-	-	-	-	-	-
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					-	-	-	-	-	-	-	-	-
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					-	-	(47,687)	-	-	-	-	-	-
5162	FAIR OAKS SUB		0% Subs		Allocated according to substation percentage					-	-	17,195	-	-	-	-	-	-
5165	JPL SUB		0% Subs		Allocated according to substation percentage					-	-	3,666	-	-	-	-	-	-
5167	MAYFLOWER SUB		0% Subs		Allocated according to substation percentage					-	-	91,972	-	-	-	-	-	-
5170	TEMPLE SUB		0% Subs		Allocated according to substation percentage					-	-	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					-	57,470	-	-	-	-	-	-	-
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					-	-	29,751	-	-	-	-	-	-
5213	LENNOX SUB		0% Subs		Allocated according to substation percentage					-	14,957	17,794	-	-	-	-	-	-
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	STIRRUP 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					-	-	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	-	-	-	-	-	-	-	-
5504	CASITAS SUB		0% Subs		Allocated according to substation percentage					-	-	(251)	-	-	-	-	-	-
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					-	89,829	275,391	-	-	-	-	-	-
5531	SANTA BARBARA SUB		0% Subs		Allocated according to substation percentage					-	40,153	-	-	-	-	-	-	-
5538	VENTURA SUB		0% Subs		Allocated according to substation percentage					-	52,161	-	-	-	-	-	-	-
5539	ANAVERDE SUB		0% Subs		Allocated according to substation percentage					-	-	76,359	-	-	-	-	-	-
5541	ROSAMOND SUB		0% Subs		Allocated according to substation percentage					-	66,626	658,870	-	-	-	-	-	-
5545	PIUTE SUB		0% Subs		Allocated according to substation percentage					-	11,023	149,257	-	-	-	-	-	-
5546	ELIZABETH LAKE SUB		0% Subs		Allocated according to substation percentage					-	-	3,072	-	-	-	-	-	-
5547	CORUM SUB		0% Subs		Allocated according to substation percentage					-	-	-	-	-	-	-	-	-
5548	OASIS SUB		0% Subs		Allocated according to substation percentage					-	-	397,008	-	-	-	-	-	-
5553	CAL CEMENT SUB		0% Subs		Allocated according to substation percentage					-	15,551	367,757	-	-	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	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
5557	NEWBURY SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	692,110	-	-	-	-	-
5562	GRISWOLD SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5564	PALMDALE SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	644,295	-	-	-	-	-
5566	QUARTZ HILL SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	11,023	-	220,467	-	-	-	-	-
5599	HELIJET SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	499,396	-	-	-	-	-
5601	RANDALL SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	20,403	-	56,150	-	-	-	-	-
5606	ORANGE PRODUCTS SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	13,596	-	-	-	-	-	-	-
5612	INLAND CONTAINER SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	20,750	-	-	-	-	-	-	-
5615	DECLIZ SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	23,032	-	-	-	-	-
5631	SAN ANTONIO SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	7,606	-	-	-	-	-
5646	COLTON CEMENT SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	43,167	-	-	-	-	-	-	-
5652	AMERON SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	531,131	-	-	-	-	-
5655	NOGALES SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	16,835	-	525,170	-	-	-	-	-
5659	ARCHIBALD SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	206,393	-	-	-	-	-
5664	WIMBLEDON SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	1,282	-	17,343	-	-	-	-	-
5670	DEL ROSA SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	17,327	-	-	-	-	-
5674	WHIPPLE SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5678	LANDING SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	14,661	-	-	-	-	-	-	-
5740	NAPLES SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	114,340	-	-	-	-	-
5758	WATSON SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	3,790	-	-	-	-	-
5787	SOUTH GATE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	17,255	-	-	-	-	-
5788	WIVINE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5798	MOVIE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	1,963	-	17,658	-	-	-	-	-
5811	CHIUQUITA SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	58,207	-	-	-	-	-
5814	CARMENITA SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	14,314	-	146,427	-	-	-	-	-
5816	PARKWOOD SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	93,280	-	-	-	-	-	-	-
5828	WAVE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	58,101	-	-	-	-	-
5843	ORANGE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	32,493	-	-	-	-	-	-	-
5849	SANTA ANA SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	6,882	-	-	-	-	-	-	-
5853	TALBERT SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	24,273	-	-	-	-	-
5860	ALTON SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	241,262	-	-	-	-	-	-	-
5862	SULLIVAN SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	230,879	-	-	-	-	-
5865	ESTRELLA SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	41,148	-	-	-	-	-
5869	SHAWNEE SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5878	TUSTIN SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	11,308	-	-	-	-	-	-	-
5892	TELEGRAPH SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	12,346	-	96,987	-	-	-	-	-
5896	NIGUEL SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	21,384	-	-	-	-	-
5902	LAS LOMAS SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	4,664,177	-	-	-	-	-	-	-
7013	IMPERIAL COUNTY	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	1,702	-	-	-	-	-
8003	PAUBA(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	106,825	827,523	8,446,526	-	-	-	-	-
8004	THORNHILL(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	25,609	996,193	9,314,127	-	-	-	-	-
8005	STADLER(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	139,611	786,164	11,412,207	-	-	-	-	-
8009	PAN AERO (CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	21,849	641,248	-	-	-	-	-
8010	PHELAN(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	154,446	767,811	7,063,296	-	-	-	-	-
8011	BANWIND SUBSTATION	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	8,940	-	-	-	-	-
8013	APPLE VALLEY(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	1,389,452	10,403,006	-	-	-	-	-
8014	VALLEY(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	969,397	1,492,212	15,125,243	-	-	-	-	-
8016	FARNELL(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	697,441	13,282,646	-	-	-	-	-
8017	CONCHO(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	285,201	672,863	9,599,548	-	-	-	-	-
8018	AULD(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	83,538	1,206,444	19,882,942	-	-	-	-	-
8019	MAXWELL(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	33,940	519,403	11,864,424	-	-	-	-	-
8020	SAVAGE(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	29,280	1,477,177	14,791,148	-	-	-	-	-
8021	PEPPER(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	17,579	509,658	11,103,142	-	-	-	-	-
8022	YUCCA(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	19,474	647,647	11,822,378	-	-	-	-	-
8023	BLACK MOUNTAIN(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	41,871	912,016	-	-	-	-	-
8024	ALESSANDRO(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	45,514	2,775,902	25,324,383	-	-	-	-	-
8025	BAKER(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	250,900	2,735,419	-	-	-	-	-
8026	BANNING(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	20,210	1,586,414	16,216,180	-	-	-	-	-
8027	COTTONWOOD(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	22,426	1,796,115	11,561,373	-	-	-	-	-
8028	EDWARDS(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	53,166	2,862,027	-	-	-	-	-
8029	HI DESERT(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	1,154,541	2,612,000	18,805,490	-	-	-	-	-
8030	MOUNTAIN PASS(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	70,286	50,116	4,597,332	-	-	-	-	-
8031	RANDBURG(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	116	416,451	5,837,477	-	-	-	-	-
8032	ROCKET TEST(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	18,045	283,935	-	-	-	-	-
8033	SEARLES(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	112,531	7,043,038	-	-	-	-	-
8035	ZANJA(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	152,559	1,694,726	9,593,799	-	-	-	-	-
8036	SANTA ROSA(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	44,689	439,321	20,903,882	-	-	-	-	-
8038	NELSON(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	22,819	1,002,895	14,314,169	-	-	-	-	-
8039	HOMART(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	174,875	425,577	5,350,954	-	-	-	-	-
8041	HOLGATE(CEP) SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	27,167	405,785	3,235,761	-	-	-	-	-
8042	CALCTRIC SUB (CEP)	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	27,870	2,639,595	23,496,391	-	-	-	-	-
8044	GARNET SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	37,635	1,742,514	18,202,085	-	-	-	-	-
8045	HD TIE SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	39,144	-	13,873	-	-	-	-	-
8047	TIEFORT SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	218,704	1,530,163	-	-	-	-	-
8048	SNB BLYTHE SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	64,707	7,981,883	-	-	-	-	-
8055	SN ONOFRE SWTHRK-100%SCSE	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	1,796,202	10,597,926	-	-	-	-	-
8059	PUREWATER SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	175,506	1,357,312	-	-	-	-	-
8061	SEAWIND T/S	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	2,976	463	315,815	-	-	-	-	-
8064	TIFFANYWIND SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	-	11,459	-	-	-	-	-
8072	CARODEAN	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	562,701	10,144,791	-	-	-	-	-
8073	IVYGLEN SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	166,697	2,164,637	8,878,197	-	-	-	-	-
8074	COOL WATER SWITCHCRACK 1,2	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	-	61,762	1,925,650	-	-	-	-	-
8075	HIGHGROVE SWITCHCRK	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	7,139	178,624	1,813,749	-	-	-	-	-
8079	AQUEDUCT SUB	0% Subs	Allocated according to substitution percentage	-	-	-	-	-	-	2,880	925,853	11,463,213	-	-	-	-	-
8082	MENTONE SUB	0% Subs	Allocated according to substitution percentage	-	-</												

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Location	Description	Voltage	Study	x	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
8087	HESPERIA SUB		0% Subs		Allocated according to substation percentage					22,150	435,587	7,695,636	-	-	-	-	-	-
8088	SKYLARK SUB		0% Subs		Allocated according to substation percentage					81,206	2,808,006	10,719,900	-	-	-	-	-	-
8089	MAYBERRY SUB		0% Subs		Allocated according to substation percentage					23,090	468,965	16,707,609	-	-	-	-	-	-
8090	PERMANENTE SUB		0% Subs		Allocated according to substation percentage					-	-	87,113	-	-	-	-	-	-
8091	ELECENTRO TELEMETERING		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	739,981	11,115,273	-	-	-	-	-	-
8094	ARROWHEAD SUB		0% Subs		Allocated according to substation percentage					-	509,864	5,964,766	-	-	-	-	-	-
8095	STETSON SUB		0% Subs		Allocated according to substation percentage					23,493	756,982	9,877,631	-	-	-	-	-	-
8097	DUNN SIDING SUB		0% Subs		Allocated according to substation percentage					4,913	140,330	722,246	-	-	-	-	-	-
8099	TAMARISK SUB		0% Subs		Allocated according to substation percentage					125,967	418,260	16,553,116	-	-	-	-	-	-
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					-	6,894	-	-	-	-	-	-	-
8137	DOWNNS SUB		0% Subs		Allocated according to substation percentage					82,401	5,774,614	17,136,186	-	-	-	-	-	-
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					-	173,227	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	4,841,726	-	-	-	-	-	-
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					-	-	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	5,307,539	-	-	-	-	-	-
8294	GOLD HILL SUB		0% Subs		Allocated according to substation percentage					-	6,894	-	-	-	-	-	-	-
8301	BUCKWIND		0% Subs		Allocated according to substation percentage					-	37,771	751,981	-	-	-	-	-	-
8302	CAPWIND		0% Subs		Allocated according to substation percentage					-	29,827	528,132	-	-	-	-	-	-
8303	RENWIND		0% Subs		Allocated according to substation percentage					-	15,102	814,074	-	-	-	-	-	-
8304	SANWIND		0% Subs		Allocated according to substation percentage					-	-	371,041	-	-	-	-	-	-
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	2,286,515	-	-	-	-	-	-
8308	ALTWIND		0% Subs		Allocated according to substation percentage					-	1,022	25,028	-	-	-	-	-	-
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	236,563	-	-	-	-	-	-
8312	CALGEN		0% Subs		Allocated according to substation percentage					532	5,196	432,703	-	-	-	-	-	-
8314	MCGEN		0% Subs		Allocated according to substation percentage					-	112,388	2,464,391	-	-	-	-	-	-
8320	SEGS II		0% Subs		Allocated according to substation percentage					-	-	45,594	-	-	-	-	-	-
8321	SEGS III		0% Subs		Allocated according to substation percentage					-	-	11,755	-	-	-	-	-	-
8322	SEGS IV		0% Subs		Allocated according to substation percentage					-	-	53,056	-	-	-	-	-	-
8323	SEGS V		0% Subs		Allocated according to substation percentage					-	-	8,814	-	-	-	-	-	-
8324	SEGS VI		0% Subs		Allocated according to substation percentage					-	-	39,130	-	-	-	-	-	-
8325	SEGS VII		0% Subs		Allocated according to substation percentage					-	-	119,704	-	-	-	-	-	-
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	1,223,085	12,024,891	-	-	-	-	-	-
8343	ELSINORE		0% Subs		Allocated according to substation percentage					20,961	1,435,426	17,598,985	-	-	-	-	-	-
8344	SOUTH BASE SUB		0% Subs		Allocated according to substation percentage					12,179	170,995	2,017,154	-	-	-	-	-	-
8345	INDIAN WELLS SUB		0% Subs		Allocated according to substation percentage					222,600	919,449	14,256,480	-	-	-	-	-	-
8346	FOGARTY SUB		0% Subs		Allocated according to substation percentage					-	4,398,452	16,236,483	-	-	-	-	-	-
8347	PECHANGA SUB		0% Subs		Allocated according to substation percentage					560,579	899,617	11,287,692	-	-	-	-	-	-
8351	TANKER SUBSTATION		0% Subs		Allocated according to substation percentage					120	4,440	933,887	-	-	-	-	-	-
8353	PLUESS SUBSTATION		0% Subs		Allocated according to substation percentage					-	-	151,193	-	-	-	-	-	-
8354	AFG SUBSTATION		0% Subs		Allocated according to substation percentage					-	78,655	1,083,399	-	-	-	-	-	-
8357	RECTIFIER SUB		0% Subs		Allocated according to substation percentage					-	5,170	1,098,304	-	-	-	-	-	-
8359	MOUNTWIND SUBSTATION		0% Subs		Allocated according to substation percentage					-	-	36,557	-	-	-	-	-	-
8361	COSO SUB		0% Subs		Allocated according to substation percentage					91,119	1,675,850	4,796,344	-	-	-	-	-	-
8362	MOVAL SUBSTATION		0% Subs		Allocated according to substation percentage					-	128,640	491,674	-	-	-	-	-	-
8504	RITTER SUB		0% Subs		Allocated according to substation percentage					942,487	-	-	-	-	-	-	-	-
8509	PHARMACY SUBSTATION		0% Subs		Allocated according to substation percentage					-	-	43,289	-	-	-	-	-	-
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					-	-	92,260,238	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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Location	Description	Voltage	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
9900	PLANT ACCTG-MISC. LEDGER		0% Subs	Allocated according to substation percentage						631	-	-	-	-	-	-	-	-
5110	WABASH (NEW) SUB		0% Subs	Allocated according to substation percentage							24,360	-	-	-	-	-	-	-
5139	GENAMIC SUB		0% Subs	Allocated according to substation percentage						-	5,739	-	-	-	-	-	-	-
5164	REPETTO SUB		0% Subs	Allocated according to substation percentage						-	17,757	-	-	-	-	-	-	-
5215	MADRID SUB		0% Subs	Allocated according to substation percentage						-	575	-	-	-	-	-	-	-
5221	OCEAN PARK SUB		0% Subs	Allocated according to substation percentage						-	4,164	-	-	-	-	-	-	-
5226	BRIGHTON SUB		0% Subs	Allocated according to substation percentage						-	3,804	-	-	-	-	-	-	-
5229	MOBILLOIL SUB		0% Subs	Allocated according to substation percentage						-	3,652	-	-	-	-	-	-	-
5239	CRATER SUB		0% Subs	Allocated according to substation percentage						-		9,057	-	-	-	-	-	-
5242	COLORADO SUB		0% Subs	Allocated according to substation percentage						-	40,181	-	-	-	-	-	-	-
5252	ROLLING HILLS SUB		0% Subs	Allocated according to substation percentage						-	27,085	-	-	-	-	-	-	-
5260	COLOSSUS SUB		0% Subs	Allocated according to substation percentage						-	7,141	-	-	-	-	-	-	-
5268	TOPAZ SUB		0% Subs	Allocated according to substation percentage						-	29,219	-	-	-	-	-	-	-
5271	TAHITI SUB		0% Subs	Allocated according to substation percentage						-	23,749	-	-	-	-	-	-	-
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						-		588,974	-	-	-	-	-	-
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						-	32,033	-	-	-	-	-	-	-
5754	SOMERSET SUBSTATION		0% Subs	Allocated according to substation percentage						-	33,691	-	-	-	-	-	-	-
5766	DAISY SUBSTATION		0% Subs	Allocated according to substation percentage						-	12,646	-	-	-	-	-	-	-
5893	PASSONS SUB		0% Subs	Allocated according to substation percentage						-	3,215	-	-	-	-	-	-	-
1860	PALO VERDE NUCL GEN PLT-U1		0% Subs	Allocated according to substation percentage						-		2,597,299	232,241		84,727	-	-	-
1864	PALO VERDE-UNIT 2		0% Subs	Allocated according to substation percentage						-		2,488,614	181,545		96,210	-	-	-
1866	PALO VERDE-UNIT 3		0% Subs	Allocated according to substation percentage						-		5,007,603	253,332		92,249	-	-	-
1867	PALO VERDE-COMMON 1,2,3		0% Subs	Allocated according to substation percentage						7,766	-	2,721,697	854,373		-	-	-	-
5832	LA HABRA SUBSTATION		0% Subs	Allocated according to substation percentage						-		17,125	-	-	-	-	-	3,858
8078	SUN CITY(NEW)		0% Subs	Allocated according to substation percentage						119,513	1,904,587	8,376,608	-		-	203,176	-	-
8096	MARSHCHINO SUB		0% Subs	Allocated according to substation percentage						27,809	1,619,105	10,898,445	-		-	36,281	-	-
8098	EISENHOWER SUB		0% Subs	Allocated according to substation percentage						189,886	812,071	12,854,035	-		-	3,254	1,043	-
8348	MORAGA		0% Subs	Allocated according to substation percentage						40,720	377,986	17,695,888	-		-	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	INYO KERN TOWN SUB		0% Subs	Allocated according to substation percentage						-		7,735	-	-	-	-	-	-
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-NRTHSHIRE REC AREA		0% Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	86,918
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						-	-	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						-	-	27,327	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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Location	Description	Voltage	Study	x	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
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	-	-	-	-	-	-	-	
8231	RUBIDOUX SUB		0% Subs		Allocated according to substation percentage					-	6,317	-	-	-	-	-	-	-	
8252	TRONA SUB		0% Subs		Allocated according to substation percentage					-	6,499	-	-	-	-	-	-	-	
8056		0	0% Subs		Allocated according to substation percentage					-	9,217,544	22,362,513	-	-	-	-	-	-	
8058		0	0% Subs		Allocated according to substation percentage					-	-	23,430	-	-	-	-	-	-	
8081		0	0% Subs		Allocated according to substation percentage					-	21,176	-	-	-	-	-	-	-	
8339		0	0% Subs		Allocated according to substation percentage					-	10,350	70,252	-	-	-	-	-	-	
8373		0	0% Subs		Allocated according to substation percentage					-	471,546	69,402	-	-	-	-	-	-	
5305	DELANO SUB		0% Subs		Allocated according to substation percentage					-	60,018	-	-	-	-	-	-	-	
5312	LIBERTY SUB		0% Subs		Allocated according to substation percentage					-	301,990	-	-	-	-	-	-	-	
5321	PIXLEY SUB		0% Subs		Allocated according to substation percentage					-	18,619	-	-	-	-	-	-	-	
5331	VISALIA SUB		0% Subs		Allocated according to substation percentage					-	35,561	-	-	-	-	-	-	-	
1020	STM GEN		0% Subs		Allocated according to substation percentage					-	-	-	-	6,749	-	-	-	-	
6027	MONROVIA SERVICE CENTER		0% Subs		Allocated according to substation percentage					-	-	-	-	-	-	-	-	-	
8366	LEATHERNECK SUB		0% Subs		Allocated according to substation percentage					-	38,734	21,262	-	-	-	-	-	-	
8071	CLEMENTINE		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					-	21,380	-	-	-	-	-	-	-	
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					-	96,546	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	
054	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					-	113,131	-	-	-	-	-	-	-	
5037	OMAR SUB		0% Subs		Allocated according to substation percentage					-	36,798	-	-	-	-	-	-	-	
4806	COYOTE CREEK HYDRO		0% Subs		Allocated according to substation percentage					-	-	-	-	19,604	-	-	-	-	
6005	NORTH COAST REGION		0% Subs		Allocated according to substation percentage					-	-	-	-	-	51,921	-	-	-	
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	-	-	-	-	-	-	-	
4202	KERN RIVER #1-GORMAN 66KV		0% Subs		Allocated according to substation percentage					-	1,430	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	
4206	COGEN/RENEW ENERGY SOURCE		0% Subs		Allocated according to substation percentage					-	-	-	-	901	-	-	-	-	

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Location	Description	Voltage	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			
4242	KERN RIVER #3-BOREL 66KV		0% Subs	Allocated according to substation percentage						-	-	-	-	35,075					-	-	-
1000	DIV MTCE / OVERHAUL MNGT		Mix Subs	Allocated according to substation percentage						-	-	17,861	-	-	-	-	-	-	-		
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	-	-	-	-	-	-	-		
1870	PV UNIT 1-INCREMENTAL		Mix Subs	Allocated according to substation percentage						-	-	194,959	-	-	-	-	-	-	-		
8076 & 1991	San Bernardino-220kv Switchyard & 220kv to 66kv		Mix Subs	Allocated according to substation percentage						302,392	5,456,733	50,867,963	-	-	-	-	-	-	-		
2211	BIG CREEK NO.1		Mix Subs	Allocated according to substation percentage						-	264,412	13,789,586	-	-	-	-	-	-	-		
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	3,159,236	-	-	-	-	-	-	-		
2230	BIG CREEK NO.3		Mix Subs	Allocated according to substation percentage						-	2,536,133	18,984,216	-	-	-	-	-	-	-		
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						-	-	3,270,205	-	-	-	-	-	-	-		
5011	EAGLE ROCK SUB		Mix Subs	Allocated according to substation percentage						19,613	4,966,351	35,982,920	-	-	-	-	-	-	-		
5012	MESA SUB		Mix Subs	Allocated according to substation percentage						2,031,347	109,786,665	247,640,976	-	-	-	-	-	-	-		
5013	RIO HONDO SUB		Mix Subs	Allocated according to substation percentage						457,530	10,705,776	81,007,826	-	-	-	-	-	-	-		
5023	EL NIDO SUB		Mix Subs	Allocated according to substation percentage						285,620	15,106,546	52,941,513	-	-	-	-	-	-	-		
5024	LA CIENEGA SUB		Mix Subs	Allocated according to substation percentage						2,100,227	6,632,515	44,723,948	-	-	-	-	-	-	-		
5025	ALAMITOS SWITCHRACK SUB		Mix Subs	Allocated according to substation percentage						62,281	3,449,570	45,623,715	-	-	-	-	-	-	-		
5027	LG BCH SWITCHRACK SUB		Mix Subs	Allocated according to substation percentage						97,213	1,384,839	8,737,416	-	-	-	-	-	-	-		
5028	REDONDO SWITCHRACK SUB		Mix Subs	Allocated according to substation percentage						13,018	39,761	6,654,507	-	-	-	-	-	-	-		
5031	MAGUNDEN SUB		Mix Subs	Allocated according to substation percentage						8,363	4,191,390	24,676,703	-	-	-	-	-	-	-		
5033	RECTOR SUB		Mix Subs	Allocated according to substation percentage						394,843	36,012,981	127,789,842	-	-	-	-	-	-	-		
5035	VESTAL SUB		Mix Subs	Allocated according to substation percentage						7,243	1,884,613	58,130,185	-	-	-	-	-	-	-		
5038	NO. T/S REG OFC/VALENCIA		Mix Subs	Allocated according to substation percentage						123,342	3,723,403	-	-	-	-	-	-	-	-		
5040	EAGLE MT. SUB		Mix Subs	Allocated according to substation percentage						-	620,471	19,955,744	-	-	-	-	-	-	-		
5041 & 8041	Inyokern (CEP) & Inyokern		Mix Subs	Allocated according to substation percentage						7,964	701,648	14,981,678	-	-	-	-	-	-	-		
5042 & 8041	Kramer & Kramer-Radial Line Agmt		Mix Subs	Allocated according to substation percentage						48,811	2,752,205	54,426,740	-	-	-	-	-	-	-		
5043	CIMA SUB		Mix Subs	Allocated according to substation percentage						1,824	162,785	3,284,606	-	-	-	-	-	-	-		
5050	PARDEE SUB		Mix Subs	Allocated according to substation percentage						970,263	12,060,268	46,602,510	-	-	-	-	-	-	-		
5055	GOLETA SUB		Mix Subs	Allocated according to substation percentage						236,194	3,857,305	39,182,954	-	-	-	-	-	-	-		
5056	MOORPARK SUB		Mix Subs	Allocated according to substation percentage						184,091	6,942,252	76,657,687	-	-	-	-	-	-	-		
5059	BAILEY SUB		Mix Subs	Allocated according to substation percentage						111,063	10,301,838	31,191,444	-	-	-	-	-	-	-		
5060	PADUA SUB		Mix Subs	Allocated according to substation percentage						149,547	5,478,316	57,251,249	-	-	-	-	-	-	-		
5062	CHINO SUB		Mix Subs	Allocated according to substation percentage						34,437	21,769,839	139,113,698	-	-	-	-	-	-	-		
5063	JULIAN HINDS SUB		Mix Subs	Allocated according to substation percentage						-	1,890,578	24,239,779	-	-	-	-	-	-	-		
5064	VISTA SUB		Mix Subs	Allocated according to substation percentage						52,109	25,717,243	82,585,740	-	-	-	-	-	-	-		
5067	DEVERS SUB		Mix Subs	Allocated according to substation percentage						1,370,096	55,276,395	230,724,701	-	-	-	-	-	-	-		
5070 & 803	Valley & Valley - CEP		Mix Subs	Allocated according to substation percentage						311,358	42,418,361	192,152,154	-	-	-	-	-	-	-		
5071	HINSON SUB		Mix Subs	Allocated according to substation percentage						678,278	5,226,151	40,811,472	-	-	-	-	-	-	-		
5073	LIGHTHIPE SUB		Mix Subs	Allocated according to substation percentage						164,680	14,497,790	40,486,434	-	-	-	-	-	-	-		
5075	DEL AMO SUB		Mix Subs	Allocated according to substation percentage						164,747	6,522,662	62,149,092	-	-	-	-	-	-	-		
5079	WINDHUB SUB		Mix Subs	Allocated according to substation percentage						1,231,926	32,298,548	212,686,857	-	-	-	-	-	-	-		
5081	BARRE SUB		Mix Subs	Allocated according to substation percentage						86,188	6,145,178	70,572,945	-	-	-	-	-	-	-		
5082	VILLA PARK SUB		Mix Subs	Allocated according to substation percentage						270,570	6,960,140	64,023,739	-	-	-	-	-	-	-		
5084	CENTER SUB		Mix Subs	Allocated according to substation percentage						71,802	5,602,967	53,255,194	-	-	-	-	-	-	-		
5085	JOHANNA SUB		Mix Subs	Allocated according to substation percentage						813,416	5,648,381	50,559,875	-	-	-	-	-	-	-		
5086	ELLIS SUB		Mix Subs	Allocated according to substation percentage						59,737	5,088,433	79,604,842	-	-	-	-	-	-	-		
5087	OLINDA SUB		Mix Subs	Allocated according to substation percentage						390,538	2,359,500	33,847,542	-	-	-	-	-	-	-		
5088	SANTIAGO SUB		Mix Subs	Allocated according to substation percentage						557,976	16,413,814	154,912,972	-	-	-	-	-	-	-		
5096	ETIWANDA SWITCHRACK SUB		Mix Subs	Allocated according to substation percentage						186,144	4,869,064	62,238,688	-	-	-	-	-	-	-		
5100	METRO REGION		Mix Subs	Allocated according to substation percentage						-	-	265,939	-	-	-	-	-	-	-		
5556	NEENACH SUB		Mix Subs	Allocated according to substation percentage						-	46,787	408,193	-	-	-	-	-	-	-		
8065	ALBERHILL SUB		Mix Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-		
9339	CONWAY SUMMIT COMM SITE		Mix Subs	Allocated according to substation percentage						-	-	14,913	-	-	-	-	-	-	-		
8370	SANDLOT SUB		Mix Subs	Allocated according to substation percentage						-	938,846	4,028,190	-	-	-	-	-	-	-		
8063	CHEVMAIN		Mix Subs	Allocated according to substation percentage						-	508,792	15,580,662	-	-	-	-	-	-	-		
6072	BARSTOW NO RGN-SAN BERDOO		Mix Subs	Allocated according to substation percentage						-	7,617	-	-	-	-	-	-	-	-		
9010	B&A-T/S 3RD FLOOR-G03		Mix Subs	Allocated according to substation percentage						-	-	823	-	-	-	-	-	-	-		
9024	CHINO OFC BLDG (FACILITY)		Mix Subs	Allocated according to substation percentage						-	373,558	-	-	-	-	-	-	-	-		
7010	FRESNO COUNTY		Mix Subs	Allocated according to substation percentage						-	-	-	-	-	-	-	-	-	-		
7056	VENTURA COUNTY		Mix Subs	Allocated according to substation percentage						-	-	74,798	-	-	-	-	-	-	-		
8000	ROADWAY(CEP)		Mix Subs	Allocated according to substation percentage						110,643	972,123	15,583,891	-	-	-	-	-	-	-		
8006	EL CASCO SUBSTATION		Mix Subs	Allocated according to substation percentage						-	30,392,778	55,913,334	-	-	-	-	-	-	-		
8037	TORTILLA(CEP) SUB		Mix Subs	Allocated according to substation percentage						17,114	1,632,427	11,530,392	-	-	-	-	-	-	-		
8049	VICTOR SUB		Mix Subs	Allocated according to substation percentage						22,088	12,658,875	126,074,202	-	-	-	-	-	-	-		
9203	FUELS		Mix Subs	Allocated according to substation percentage						-	-	341,890	-	-	-	-	-	-	-		
9221	INNOVATION VILLAGE 1		Mix Subs	Allocated according to substation percentage						-	-	1,509,815	-	-	-	-	-	-	-		
9243	CONTROL SYS SEC-ALHAMBRA		Mix Subs	Allocated according to substation percentage						-	375,558	2,962,532	-	-	-	-	-	-	-		
9078	IRVINE OPER CENTER		Mix Subs	Allocated according to substation percentage						-	8,245	-	-	-	-	-	-	-	-		
9330	TELECOMM-ALHAMBRA		Mix Subs	Allocated according to substation percentage						-	-	69,276	-	-	-	-	-	-	-		
2556	CONTROL STATION		Mix Subs	Allocated according to substation percentage						-	1,661,309	15,819,308	-	40,798	25,499	-	-	-	-		
5014	WALNUT SUB		Mix Subs	Allocated according to substation percentage						97,955	15,005,377	48,648,127	-	-	-	-	-	-	-		
5015	GOULD SUB		Mix Subs	Allocated according to substation percentage						29,300	1,529,628	33,436,032	-	-	-	-	-	-	4,090		
5021	LA FRESA SUB		Mix Subs	Allocated according to substation percentage						101,370	14,510,282	141,613,245	-	-	-	-	-	-	-		
5052	ANTOLEPE SUB		Mix Subs	Allocated according to substation percentage						21,983	8,088,856	211,763,138	-	-	-	-	-	37,191	-		
5053	SANTA CLARA SUB		Mix Subs	Allocated according to substation percentage						140,739	4,324,866	56,137,112	-	-	-	-	-	-	13,555		
5069	MIRA LOMA SUB		Mix Subs	Allocated according to substation percentage						474,735	57,686,336	235,553,291	-	123,410	-	-	-	-	-		
5074	LAGUNA BELL SUB		Mix Subs	Allocated according to substation percentage						131,263	3,285,612	66,700,271	-	-	-	-	14,172	-	-		
5083	VIEJO SUBSTATION		Mix Subs	Allocated according to substation percentage						13,285,971	9,204,578	35,123,585	-	-	-	-	10	-	-		
8012	MIRAGE(CEP) SUB		Mix Subs	Allocated according to substation percentage						629,541	5,289,192	60,978,081	-	-	-	-	-	-	-		
5034	SRINGVILLE SUB		Mix Subs	Allocated according to substation percentage						12,198	3,714,628	45,189,354	-	-	6,814	-	-	-	-		

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	Study	Balance by FERC Account (ISO Transmission)							Current Study	Non ISO Account Balances				
				350	352	353	354	355	356	357		358	359	350	352	353
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	2,926,213	9,732,093	27,105	22,494,930	741,658	23,939,550	-	-	-	795,535	-	-	-
4031	DWP-EDSN CELILO-SYLMR CA	1000	Lines	-	95,841	-	30,474,771	-	64,930,986	-	-	-	136,841	-	-	-
4034	DWP-EDSN CELILO-SYLMR NV	1000	Lines	-	541	-	8,458,325	-	8,217,749	-	-	-	668,871	-	-	-
4045	PARDEE-SYLMAR LINES 1&2	220	Lines	187,213	106,089	-	701,607	-	566,392	-	-	-	38,006	-	-	-
4046	EAGLE ROCK-SYLMAR LINE	220	Lines	186,657	-	-	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	-	-	966,737	-	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	1,505,113	652,310	96,328	25,957,513	3,181,895	46,657,379	-	-	-	1,126,734	33,550	14,540	2,147
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	831,624	-	-	1,474,123	211,735	2,426,927	-	-	-	467,577	634,504	-	-
4104	DEVERS-HINS LN, OTHERS	220	Lines	1,268,796	77,815	28,548	16,329,014	15,792,376	29,704,951	1,480	260,160	-	2,471,628	70,674	4,334	1,590
4105	33 AND 66 KV LINES	66	Lines	227,595	91,234	87,056	278,096	8,185,312	2,351,565	-	-	-	134,456	33,362,331	13,373,705	12,761,194
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	4,278,569	1,178,834	4,424,314	130,514,763	14,657,621	61,021,729	-	-	-	88,564,534	-	-	-
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	8,072,072	4,565,647	-	15,613,343	1,472,865	14,514,554	-	-	-	1,734,022	181	102	-
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	25,255	-	-	-	467,285	-	-	-	-	-	-	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	1,944	-	-	133,734	-	1,189,572	-	-	-	29,429	-	-	-
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	874,791	29,986	-	20,156,270	77,648,886	16,571,353	-	-	-	630,959	81	2	-
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	3,063,711	1,068,613	630,945	17,202,563	7,420,877	17,920,161	-	-	-	290,261	146,824	51,212	30,237
4115	HINSON-LIGHTPIPE 1&2	220	Lines	1,607,024	616,675	2,149	4,183,107	498,077	2,127,313	-	-	-	27,417	-	-	-
4116	HINSON-LAFRESA, OTHERS	220	Lines	3,594,552	464,777	2,065	3,640,716	11,500,471	9,892,000	180,589	456,828	-	13,558	-	-	-
4117	ELDRD-CIMA-PISGACH LN1,2	220	Lines	1,004,389	135,044	12,857	25,552,509	5,060,406	12,611,967	-	-	-	151,162	-	-	-
4119	CENTER-MESA LN, OTHERS	220	Lines	1,671,908	225,497	80	27,355,293	310,087	16,737,920	-	-	-	2,251,836	429,429	57,919	21
4120	ALAMITOS-CENTER, OTHERS	220	Lines	3,793,539	731,529	804,047	7,657,552	782,172	6,396,203	227	-	-	29,682	477,693	92,116	101,248
4121	BIG CREEK 4-SPRINGVLL-MGDN	220	Lines	209,639	131,150	34	17,131,034	3,412,757	9,840,774	-	-	-	250,594	-	-	-
4123	LUGO-VINCENT LINES 1&2	500	Lines	1,749,466	-	16,633	14,101,498	103,494	7,195,860	-	-	-	1,891	-	-	-
4124	BIG CRK 1-CMP TEN--PRTL	66	Lines	-	-	-	-	-	-	-	-	-	485	-	-	-
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	9,903,843	897,462	372,219	25,306,887	2,491,458	13,431,064	-	-	-	1,337,050	3,407,140	308,747	128,051
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	12,581	-	-	443,863	5,085	348,612	-	-	-	3,301	7,261	-	-
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-	-	-	-	-	-	-	-	-	-
4129	KERN RIVERS-VESTAL 66 KV															

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location		Description	Voltage	Study	Balance by FERC Account (ISO Transmission) Current Study									Non ISO Account Balances		
					350	352	353	354	355	356	357	358	359	350	352	353
4799	HUMAN	EXTERNAL CARGO TRAINING	66	Lines	-	-	-	-	-	-	-	-	-	-	321,805	-
4800	VAR.	TRANS. LINES-S/E DIV	66	Lines	-	-	-	-	-	-	-	-	-	2,931	1,543,933	711,670
4647	PARDEE-VINCENT	220KV LN 2	220	Lines	-	7,378	-	-	-	-	-	-	-	-	-	-
4900	NORTHEASTERN	T/S DIV.	66	Lines	-	-	-	-	-	-	-	-	-	-	-	-
4106	COGEN/RENEW	ENGY SOURCES	115	Lines	-	-	-	-	-	-	-	-	-	195,086	-	-
4106	COGEN/RENEW	ENGY SOURCES	66	Lines	-	-	-	-	-	-	-	-	-	368,035	-	-
4118	MRA LMA-VLL	PK LNS, OTHR	220	Lines	4,640,667	742,687	27,772	17,642,595	429,549	12,071,245	-	-	148,991	833,018	133,315	4,985
4118	MRA LMA-VLL	PK LNS, OTHR	66	Lines	-	-	-	-	-	-	-	-	-	137,779	22,050	825
4135	LUGO-VICTOR	LNS, OTHER	220	Lines	1,410,604	105,832	-	8,376,573	1,032,422	5,371,161	-	-	81,892	505,131	37,898	-
4135	LUGO-VICTOR	LNS, OTHER	115	Lines	281,670	21,133	-	1,672,636	206,154	1,072,515	-	-	16,352	-	-	-
4735	BISHOP CRK55&115KV	LINES	115	Lines	-	-	-	-	-	-	-	-	-	(4)	173,673	-
4735	BISHOP CRK55&115KV	LINES	55	Lines	-	-	-	-	-	-	-	-	-	(7)	332,058	-
4750	115 KV LNS, ESTN T/S	REG	115	Lines	4,399,982	76,993	2,338,103	1,725,683	70,325,480	29,399,938	73,065	230,061	496,735	11,789,551	206,300	6,264,839
4750	115 KV LNS, ESTN T/S	REG	66/55/33	Lines	-	-	-	-	-	-	-	-	-	148,795	2,604	79,068
4705	CORONA-JEFFERSON	66 KV LN	55	Lines	138,238	1,199,934	-	920,340	14,876,327	1,491,344	-	-	20,376	54,066	469,299	-
4705	CORONA-JEFFERSON	66 KV LN	66	Lines	-	-	-	-	-	-	-	-	-	50,911	441,917	-
2236	BIG CREEK NO.4			100% Subs	-	41,031	5,090,160	-	-	-	-	-	-	-	-	-
2570	INVO			100% Subs	-	355,696	4,197,276	-	-	-	-	-	-	-	-	-
5001	METRO GOM MAINT			100% Subs	-	-	50,243,202	-	-	-	-	-	-	-	-	-
5019	HARBORGEN SUB			100% Subs	-	85,990	4,105,788	-	-	-	-	-	-	-	-	-
5026	EL SEGUNDO SWITCHRACK SUB			100% Subs	12,470	1,607,338	7,402,700	-	-	-	-	-	-	-	-	-
5032	MIDWAY SUB			100% Subs	-	482,261	14,206,838	-	-	-	-	-	-	-	-	-
5036	PASTORIA SUB			100% Subs	21,435	1,724,275	12,338,955	-	-	-	-	-	-	-	-	-
5044	CLWTR SWITCHRACKS 1,2			100% Subs	-	-	1,476,690	-	-	-	-	-	-	-	-	-
5045	MOHAVE SWITCHRACK			100% Subs	-	3,962,869	21,482,933	-	-	-	-	-	-	-	-	-
5047	RANCHO VISTA SUB			100% Subs	1,844,367	24,895,348	155,676,203	-	-	-	-	-	-	-	-	-
5054 & 895	Vincent			100% Subs	17,324,279	43,879,174	239,780,601	-	-	-	-	-	-	-	-	-
5058	SYLMAR SUB			100% Subs	-	19,757	1,948,141	-	-	-	-	-	-	-	-	-
5061	LUGO SUB			100% Subs	90,981	34,024,479	152,153,753	-	-	-	-	-	-	-	-	-
5065	PISGAH SUB			100% Subs	-	642,248	5,205,279	-	-	-	-	-	-	-	-	-
5089	LEWIS SUB			100% Subs	1,444	337,024	5,407,787	-	-	-	-	-	-	-	-	-
5091	MEAD SUB			100% Subs	-	12,205	12,306	-	-	-	-	-	-	-	-	-
5092	MOENKOPI SUB			100% Subs	-	-	1,516,885	-	-	-	-	-	-	-	-	-
5094	EAST SERIES CAPACITORS 1			100% Subs	-	870,601	8,323,790	-	-	-	-	-	-	-	-	-
5097	PALO VERDE SWITCHRACK SUB			100% Subs	-	486,323	7,773,824	-	-	-	-	-	-	-	-	-
8060	WHIRLWIND SUB			100% Subs	-	37,379,414	197,945,316	-	-	-	-	-	-	-	-	-
8084	HIGHWIND SUB			100% Subs	-	6,985,990	4,168,511	-	-	-	-	-	-	-	-	-
8367	COLORADO RIVER SUB			100% Subs	-	40,294,563	139,610,766	-	-	-	-	-	-	-	-	-
8372	PRIMM SUBSTATION			100% Subs	-	11,978,708	19,134,448	-	-	-	-	-	-	-	-	-
8960	WEST TRANSITION			100% Subs	-	14,904,714	16,168,968	-	-	-	-	-	-	-	-	-
8932	MIDWAY-PAC INTERTIE			100% Subs	-	162,585	13,930,693	-	-	-	-	-	-	-	-	-
8950	PARDEE-PAC INTERTIE			100% Subs	-	55,269	942,130	-	-	-	-	-	-	-	-	-
9219	RP&AS,IND&BSMNT REQUIS			100% Subs	9,939,315	45,883	-	-	-	-	-	-	-	-	-	-
5090	EL DORADO SUB(NEVADA)			100% Subs	-	52,056,927	233,028,207	-	-	-	-	-	94,492	-	-	-
5080	SERRANO SUB			100% Subs	1,226,475	29,139,771	218,485,552	-	-	-	-	-	2,236,590	-	-	-
5093	WEST SERIES CAPACITORS			100% Subs	-	1,797,455	46,188,784	-	-	-	-	-	-	-	-	-
8958	SYLMAR-PAC INTERTIE			100% Subs	51,663	7,768,618	217,710,790	2,505,376	-	359,913	-	-	-	-	-	-
5010	T.M. GOODRICH SUB-PASADEN			100% Subs	-	688,345	(30,051)	-	-	-	-	-	-	-	-	-
5018	DRYCREEKWIND SUB			100% Subs	-	(0)	0	-	-	-	-	-	-	-	-	-
8363	IVANPAH SUB			100% Subs	-	13,309,986	33,327,986	-	-	-	-	-	-	-	-	-
8369	RED BLUFF SUB			100% Subs	-	93,692,727	117,381,873	-	-	-	-	-	-	-	-	-
8375	CALCITE SUBSTATION 220 KV			100% Subs	-	-	14,699	-	-	-	-	-	-	-	-	-
4741	ELDORADO-MOHAVE 500KV			100% Subs	-	-	-	64,409	-	17,263	-	-	-	-	-	-
9285	PROP SVCS-SN GBRL VAL REG			100% Subs	-	-	37,054	-	-	-	-	-	-	-	-	-
4743	ELDORADO-MOENKOPI 500KV			100% Subs	-	-	-	31,041	-	14,475	-	-	-	-	-	-
4744	ELDORADO-MEAD#1&2 220KV			100% Subs	-	-	-	(22)	-	-	-	-	-	-	-	-
4848	LUGO-SERRANO 500KV T/L			100% Subs	-	-	-	7,943	-	-	-	-	-	-	-	-
4357	RIO HONDO-VINCENT NO. 2 220/500KV			100% Subs	-	-	1,375	-	-	-	-	-	-	-	-	-
INTERNALC INTERNALORDER				0% Subs	-	-	1,086	-	-	-	-	-	-	-	-	781
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	4,172,718
2239	EASTWOOD POWER STATION			0% Subs	-	-	-	-	-	-	-	-	-	-	627,754	4,941,968
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	259,591
2315	SANTA ANA NO.1			0% Subs	-	-	-	-	-	-	-	-	-	-	-	36,406
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	-	-	-	-	-	-	-	-	-	-	-	625,062
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	-	-	-	-	-	-	-	-	-	-	-	705,800

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	Study	Balance by FERC Account (ISO Transmission) Current Study						Non ISO Account Balances					
				350	352	353	354	355	356	357	358	359	350	352	353
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	-	-	-	-	-	-	-	-	-	11,023	-	220,467
5599	HELIJET SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	-	499,396
5601	RANDALL SUB		0% Subs	-	-	-	-	-	-	-	-	-	20,403	-	56,150
5606	ORANGE PRODUCTS SUB		0% Subs	-	-	-	-	-	-	-	-	-	13,596	-	-
5612	INLAND CONTAINER SUB		0% Subs	-	-	-	-	-	-	-	-	-	20,750	-	-
5615	DECLERZ 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	-	-	-	-	-	-	-	-	-	14,661	-	-
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	-	146,427
5816	PARKWOOD SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	93,280	-	-
5828	WAVE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-	-	58,101
5843	ORANGE SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	32,493	-	-
5849	SANTA ANA SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	6,882	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	4,664,177	-	-
7013	IMPERIAL COUNTY		0% Subs	-	-	-	-	-	-	-	-	-	-	-	1,702
8003	PAUBA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	106,825	827,523	8,446,526
8004	THORNHILL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	25,609	996,193	9,314,127
8005	STADLER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	139,611	786,164	11,412,207
8009	PAN AERO (CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	21,849	641,248
8010	PHELAN(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	154,446	767,811	7,063,296
8011	BANWIND SUBSTATION		0% Subs	-	-	-	-	-	-	-	-	-	-	8,940	-
8013	APPLE VALLEY(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	1,389,452	10,403,006
8014	BUNKER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	969,397	1,492,212	15,125,243
8016	FARREL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	697,441	13,282,646
8017	CONCHO(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	285,201	672,863	9,599,548
8018	AULD(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	83,538	1,206,444	19,882,942
8019	MAXWELL(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	33,940	519,403	11,864,424
8020	SAVAGE(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	29,280	1,477,177	14,791,148
8021	PEPPER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	17,579	509,658	11,103,142
8022	YUCCA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	19,474	647,647	11,822,378
8023	BLACK MOUNTAIN(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	41,871	912,016
8024	ALESSANDRO(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	45,514	2,775,902	25,324,383
8025	BAKER(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	250,900	2,735,419
8026	BANNING(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	20,210	1,586,414	16,216,180
8027	COTTONWOOD(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	22,426	1,796,115	11,561,373
8028	EDWARDS(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	53,166	2,862,027
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	50,116	4,597,332
8031	RANDBURG(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	116	416,451	5,837,477
8032	ROCKET TEST(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	18,045	283,935
8033	SEARLES(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	112,531	7,043,038
8035	ZANJA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	152,559	1,694,726	9,593,799
8036	SANTA ROSA(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	44,689	439,321	20,903,882
8038	NELSON(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	22,819	1,002,895	14,314,169
8039	HOMART(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	174,875	425,577	5,350,954
8041	HOLGATE(CEP) SUB		0% Subs	-	-	-	-	-	-	-	-	-	27,167	405,785	3,235,761
8042	CALETRIC SUB (CEP)		0% Subs	-	-	-	-	-	-	-	-	-	27,870	2,639,595	23,496,391
8044	GARNET SUB		0% Subs	-	-	-	-	-	-	-	-	-	37,635	1,742,514	18,202,085
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	7,981,883
8055	SN ONOFRE SWTHRK-100%SCSE		0% Subs	-	-	-	-	-	-	-	-	-	-	1,796,202	10,597,926
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	-	-	-	-	-	-	-	-	-	-	562,701	10,144,791
8073	IVYGLEN SUB		0% Subs	-	-	-	-	-	-	-	-	-	166,697	2,164,637	8,878,197
8074	COOL WATER SWITCHRACK 1,2		0% Subs	-	-	-	-	-	-	-	-	-	-	61,762	1,925,650
8075	HIGHGROVE SWITCHCRK		0% Subs	-	-	-	-	-	-	-	-	-	7,139	178,624	1,813,749
8079	AQUEDUCT SUB		0% Subs	-	-	-	-	-	-	-	-	-	2,880	925,853	11,463,213
8082	MENTONE SUB		0% Subs	-	-	-	-	-	-	-	-	-	161,883	838,286	7,413,891
8086	CAJALCO SUB		0% Subs	-	-	-	-	-	-	-	-	-	25,836	1,003,523	11,366,861

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	Study	Balance by FERC Account (ISO Transmission) Current Study							Non ISO Account Balances					
				350	352	353	354	355	356	357	358	359	350	352	353	
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		0	0% Subs	-	-	-	-	-	-	-	-	-	9,217,544	22,362,513	-	
8058		0	0% Subs	-	-	-	-	-	-	-	-	-	-	-	23,430	-
8081		0	0% Subs	-	-	-	-	-	-	-	-	-	-	21,176	-	-
8339		0	0% Subs	-	-	-	-	-	-	-	-	-	-	10,350	70,252	-
8373		0	0% Subs	-	-	-	-	-	-	-	-	-	-	471,546	69,402	-
5305	DELANO SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	60,018	-	-
5312	LIBERTY SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	301,990	-	-
5321	PIXLEY SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	18,619	-	-
5331	VISALIA SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	35,561	-	-
1020	STM GEN		0% Subs	-	-	-	-	-	-	-	-	-	-	-	-	-
6027	MONROVIA SERVICE CENTER		0% Subs	-	-	-	-	-	-	-	-	-	-	-	-	-
8366	LEATHERNECK SUB		0% Subs	-	-	-	-	-	-	-	-	-	-	38,734	21,262	-
8071	CLEMENTINE		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	-	-	-	-	-	-	-	-	-	-	-	-	-
5624	NORCO SUB		0% Subs	-	-	-	-	-	-	-	-	-	5,801	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	-	-	-	-	-	-	-	-	-	-	21,380	-	-
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	-	-	-	-	-	-	-	-	-	-	96,546	-	-
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	-	-	-	-	-	-	-	-	-	-	113,131	-	-
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	-	-
4202	KERN RIVER #1-GORMAN 66KV		0% Subs	-	-	-	-	-	-	-	-	-	-	1,430	-	-
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	-	-
4206	COGEN/RENEW ENERGY SOURCE		0% Subs	-	-	-	-	-	-	-	-	-	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY
Transmission Line Study Results
As of December 2020

Location	Description	Voltage	Study	Balance by FERC Account (ISO Transmission) Current Study							Non ISO Account Balances				
				350	352	353	354	355	356	357	358	359	350	352	353
4242	KERN RIVER #3-BOREL 66KV		0% Subs	-	-	-	-	-	-	-	-	-	-	-	-
1000	DIV MTCE / OVERHAUL MNGT		Mix Subs	-	-	10,177	-	-	-	-	-	-	-	-	7,684
1250	MOUNTAINVIEW POWER-COMMON		Mix Subs	-	-	15,568,043	-	-	-	-	-	-	-	-	11,755,007
1869	PALOVERDE-SWITCHYARD		Mix Subs	-	1,613,207	4,501,850	-	-	-	-	-	-	-	852,313	3,399,225
1870	PV UNIT 1-INCREMENTAL		Mix Subs	-	-	111,083	-	-	-	-	-	-	-	-	83,876
8076 & 1991	San Bernardino-220kv Switchyard & 220kv to 66kv		Mix Subs	79,045	1,426,076	13,297,114	-	-	-	-	-	-	223,347	4,030,657	37,570,849
2211	BIG CREEK NO.1		Mix Subs	-	113,335	5,893,615	-	-	-	-	-	-	-	151,077	7,895,971
2212	BIG CREEK NO.2		Mix Subs	-	-	1,295,977	-	-	-	-	-	-	-	-	978,557
2229	BIG CREEK NO.8		Mix Subs	-	271,730	3,037,191	-	-	-	-	-	-	-	10,919	122,045
2230	BIG CREEK NO.3		Mix Subs	-	2,159,010	16,161,258	-	-	-	-	-	-	-	377,124	2,822,958
2234	BIG CREEK NO.2A		Mix Subs	-	-	587,687	-	-	-	-	-	-	-	-	443,747
5000	SUBSTN DIV		Mix Subs	-	-	1,863,287	-	-	-	-	-	-	-	-	1,406,918
5011	EAGLE ROCK SUB		Mix Subs	3,697	935,376	6,783,622	-	-	-	-	-	-	15,916	4,030,975	29,199,298
5012	MESA SUB		Mix Subs	795,139	54,355,274	118,798,389	-	-	-	-	-	-	1,236,208	55,431,391	128,842,588
5013	RIO HONDO SUB		Mix Subs	112,803	2,639,498	19,972,397	-	-	-	-	-	-	344,726	8,066,278	61,035,429
5023	EL NIDO SUB		Mix Subs	99,252	6,582,724	17,121,149	-	-	-	-	-	-	186,368	8,523,822	35,820,364
5024	LA CIENEGA SUB		Mix Subs	650,675	2,054,830	13,855,996	-	-	-	-	-	-	1,449,552	4,577,685	30,867,952
5025	ALAMITOS SWITCHRACK SUB		Mix Subs	30,436	1,685,774	22,295,901	-	-	-	-	-	-	31,845	1,763,796	23,327,814
5027	LG BCH SWITCHRACK SUB		Mix Subs	32,178	458,382	2,954,479	-	-	-	-	-	-	65,036	926,457	5,782,937
5028	REDONDO SWITCHRACK SUB		Mix Subs	8,659	26,446	4,426,056	-	-	-	-	-	-	4,360	13,315	2,228,451
5031	MAGUNDEN SUB		Mix Subs	7,963	3,991,034	23,351,892	-	-	-	-	-	-	400	200,357	1,324,811
5033	RECTOR SUB		Mix Subs	210,939	19,239,409	69,224,962	-	-	-	-	-	-	183,904	16,773,572	58,564,880
5035	VESTAL SUB		Mix Subs	3,340	886,538	26,782,373	-	-	-	-	-	-	3,902	998,075	31,347,812
5038	NO. T/S REG OFC/VALENCIA		Mix Subs	90,779	2,436,249	-	-	-	-	-	-	-	32,563	1,287,154	-
5040	EAGLE MT. SUB		Mix Subs	-	261,607	10,099,940	-	-	-	-	-	-	-	358,864	9,855,804
5041 & 8041	Inyokern (CEP) & Inyokern		Mix Subs	2,139	77,350	4,101,830	-	-	-	-	-	-	5,825	624,299	10,879,848
5042 & 8041	Kramer & Kramer-Radial Line Agmt		Mix Subs	38,992	2,198,543	43,477,709	-	-	-	-	-	-	9,819	553,661	10,949,031
5043	CIMA SUB		Mix Subs	207	18,447	372,210	-	-	-	-	-	-	1,617	144,338	2,912,396
5050	PARDEE SUB		Mix Subs	844,999	10,504,224	40,585,066	-	-	-	-	-	-	125,264	1,556,045	6,017,444
5055	GOLETA SUB		Mix Subs	82,821	1,344,493	13,750,590	-	-	-	-	-	-	153,373	2,512,811	25,432,364
5056	MOORPARK SUB		Mix Subs	25,309	954,413	10,538,811	-	-	-	-	-	-	158,782	5,987,839	66,118,876
5059	BAILEY SUB		Mix Subs	111,063	10,301,838	31,191,444	-	-	-	-	-	-	-	-	-
5060	PADUA SUB		Mix Subs	60,622	2,216,793	23,188,726	-	-	-	-	-	-	88,925	3,261,523	34,062,523
5062	CHINO SUB		Mix Subs	7,915	12,252,892	59,316,827	-	-	-	-	-	-	26,521	9,516,947	79,796,871
5063	JULIAN HINDS SUB		Mix Subs	-	1,874,180	24,029,523	-	-	-	-	-	-	-	16,399	210,256
5064	VISTA SUB		Mix Subs	10,899	5,433,361	17,212,969	-	-	-	-	-	-	41,210	20,283,882	65,372,771
5067	DEVERS SUB		Mix Subs	1,150,199	46,404,969	194,310,350	-	-	-	-	-	-	219,897	8,871,426	36,414,350
5070 & 803	Valley & Valley - CEP		Mix Subs	93,653	11,124,800	67,991,969	-	-	-	-	-	-	217,704	31,293,562	124,160,185
5071	HINSON SUB		Mix Subs	137,786	470,583	8,619,436	-	-	-	-	-	-	540,491	4,755,567	32,192,036
5073	LIGHTHIPE SUB		Mix Subs	49,277	4,338,193	12,114,810	-	-	-	-	-	-	115,402	10,159,597	28,371,624
5075	DEL AMO SUB		Mix Subs	27,115	920,832	10,393,848	-	-	-	-	-	-	137,632	5,601,830	51,755,243
5079	WINDHUB SUB		Mix Subs	1,095,247	28,715,115	189,089,853	-	-	-	-	-	-	136,679	3,583,432	23,597,005
5081	BARRE SUB		Mix Subs	28,104	2,003,781	23,011,984	-	-	-	-	-	-	58,084	4,141,397	47,560,960
5082	VILLA PARK SUB		Mix Subs	87,262	2,583,635	20,249,231	-	-	-	-	-	-	183,308	4,376,505	43,774,509
5084	CENTER SUB		Mix Subs	6,484	402,103	4,907,168	-	-	-	-	-	-	65,318	5,200,865	48,348,025
5085	JOHANNA SUB		Mix Subs	230,653	1,329,893	15,915,014	-	-	-	-	-	-	582,763	4,318,487	34,644,861
5086	ELLIS SUB		Mix Subs	12,727	1,092,370	16,950,659	-	-	-	-	-	-	47,010	3,996,063	62,654,182
5087	OLINDA SUB		Mix Subs	59,383	358,774	5,146,687	-	-	-	-	-	-	331,155	2,000,726	28,700,855
5088	SANTIAGO SUB		Mix Subs	305,738	11,469,336	82,818,426	-	-	-	-	-	-	252,238	4,944,478	72,094,546
5096	ETIWANDA SWITCHRACK SUB		Mix Subs	35,636	932,152	11,915,170	-	-	-	-	-	-	150,508	3,936,912	50,323,518
5100	METRO REGION		Mix Subs	-	-	151,526	-	-	-	-	-	-	-	-	114,413
5556	NEENACH SUB		Mix Subs	-	26,658	232,579	-	-	-	-	-	-	-	20,129	175,614
8065	ALBERHILL SUB		Mix Subs	-	-	-	-	-	-	-	-	-	-	-	-
9339	CONWAY SUMMIT COMM SITE		Mix Subs	-	-	8,497	-	-	-	-	-	-	-	-	6,416
8370	SANDLOT SUB		Mix Subs	-	-	-	-	-	-	-	-	-	-	-	-
8063	CHEVMAIN		Mix Subs	-	120,107	3,678,016	-	-	-	-	-	-	-	938,846	4,028,190
6072	BARSTOW NO RGN-SAN BERDOO		Mix Subs	-	4,984	-	-	-	-	-	-	-	-	388,685	11,902,647
9010	B&A-T/S 3RD FLOOR-G03		Mix Subs	-	-	469	-	-	-	-	-	-	-	2,633	-
9024	CHINO OFC BLDG (FACILITY)		Mix Subs	-	244,421	-	-	-	-	-	-	-	-	-	354
7010	FRESNO COUNTY		Mix Subs	-	-	-	-	-	-	-	-	-	-	129,136	-
7056	VENTURA COUNTY		Mix Subs	-	-	42,618	-	-	-	-	-	-	-	-	32,180
8000	ROADWAY(CEP)		Mix Subs	18,353	155,625	2,590,217	-	-	-	-	-	-	92,289	816,499	12,993,674
8006	EL CASCO SUBSTATION		Mix Subs	-	5,025,365	9,244,861	-	-	-	-	-	-	-	25,367,413	46,668,473
8037	TORTILLA(CEP) SUB		Mix Subs	6,515	620,584	4,389,890	-	-	-	-	-	-	10,599	1,011,843	7,140,502
8049	VICTOR SUB		Mix Subs	19,578	11,228,293	111,739,037	-	-	-	-	-	-	2,510	1,430,582	14,335,164
9203	FUELS		Mix Subs	-	-	194,801	-	-	-	-	-	-	-	-	147,089
9221	INNOVATION VILLAGE 1		Mix Subs	-	-	860,258	-	-	-	-	-	-	-	-	649,557
9243	CONTROL SYS SEC-ALHAMBRA		Mix Subs	-	245,730	1,687,982	-	-	-	-	-	-	-	129,828	1,274,549
9078	IRVINE OPER CENTER		Mix Subs	-	5,395	-	-	-	-	-	-	-	-	2,850	-
9330	TELECOMM-ALHAMBRA		Mix Subs	-	-	39,472	-	-	-	-	-	-	-	-	29,804
2556	CONTROL STATION		Mix Subs	-	1,390,888	13,623,052	-	35,042	21,901	-	-	-	-	270,422	2,196,255
5014	WALNUT SUB		Mix Subs	6,386	6,462,963	8,587,837	-	-	-	-	-	-	91,569	8,542,414	40,060,290
5015	GOULD SUB		Mix Subs	10,549	550,716	12,038,071	-	-	-	-	-	-	18,751	978,911	21,397,961
5021	LA FRESA SUB		Mix Subs	16,100	2,291,496	22,501,406	-	-	-	-	-	-	85,270	12,218,787	119,121,839
5052	ANTELOPE SUB		Mix Subs	21,982	8,088,520	211,753,869	-	-	-	37,189	-	-	1	3,269	-
5053	SANTA CLARA SUB		Mix Subs	38,399	1,179,991	15,316,373	-	-	-	-	-	-	-	-	-
5069	MIRA LOMA SUB		Mix Subs	404,114	48,986,587	200,631,207	-	105,051	-	-	-	-	102,340	3,144,875	40,820,739
5074	LAGUNA BELL SUB		Mix Subs	33,912	847,026	17,234,398	-	-	-	-	-	-	70,622	8,699,749	34,922,084
5083	VIEJO SUBSTATION		Mix Subs	3,201,270	2,217,768	8,463,150	-	-	-	3,661	-	-	97,351	2,438,586	49,465,873
8012	MIRAGE(CEP) SUB		Mix Subs	250,019	2,045,150	24,204,254	-	-	-	-	2	-	10,084,701	6,986,811	26,660,435
5034	SRINGVILLE SUB		Mix Subs	3,396	952,465	12,644,126	-	-	1,897	-	-	-	379,522	3,244,042	36,773,827

Location	Description	Voltage	Study	Balance by FERC Account (ISO Transmission) Current Study								Non ISO Account Balances			
				350	352	353	354	355	356	357	358	359	350	352	353
220				84,356,633	12,503,999	6,862,647	601,569,403	190,797,891	643,087,152	182,296	15,763,574	109,597,872			
161				33,310	-	-	-	2,807,267	331,263	-	-	4,845			
115				4,848,103	98,126	2,338,103	3,822,665	72,372,884	31,377,095	73,065	230,061	536,108			
66				227,595	91,234	87,056	278,096	8,185,312	2,351,565	-	-	134,456			
55				138,238	1,199,934	-	920,340	14,876,327	1,491,344	-	-	20,376			
				214,554,307	30,188,966	9,331,641	2,299,512,697	431,832,636	1,449,220,308	215,371,923	59,261,609	189,761,961			
				41,185,322	776,837,873	3,967,442,635	2,610,123	140,093	415,450	40,853	-	2,336,252			
									All 220 kv for Non-Lines Loc						
									5,542,771						

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 Plute	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
12-31-2020 Facilities
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			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 360-362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361			A/C 362
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment			
ACTON SUB	5365	66kV	466,446	2,212,670	7,707,343	10,386,459	-	-	-	466,446	2,212,670	7,707,343	Non-ISO		
GORMAN SUB	5512	66kV	383	383,870	6,100,532	6,484,785	-	-	-	383	383,870	6,100,532	Non-ISO		
ANAVARDE SUB	5539	66kV	157	804,403	9,919,290	10,723,850	-	-	-	157	804,403	9,919,290	Non-ISO		
CORLUM SUB	5547	66kV	384	3,846,744	7,249,866	7,598,492	-	-	-	384	3,846,744	7,249,866	Non-ISO		
QUARTZ HILL SUB	5566	66kV	15,905	393,952	6,854,838	7,264,695	-	-	-	15,905	393,952	6,854,838	Non-ISO		
RITTER SUB	8504	66kV	-	610,402	8,898,639	9,509,042	-	-	-	-	610,402	8,898,639	Non-ISO		
DIY MTCE / OVERHAUL MNGT	1000	66kV	-	-	227	227	-	-	-	-	-	227	Non-ISO		
HUNTINGTON BCH GEN STATN	1610	220kV	-	-	126,169	126,169	-	-	-	-	-	126,169	Non-ISO		
PALDIERE COMMON 12.3	1867	500kV	-	-	126,169	126,169	-	-	-	-	-	126,169	Non-ISO		
HUNTINGTON LK(P2175)	2110	66kV	-	-	61,855	61,855	-	-	-	-	-	61,855	Non-ISO		
SHAVER LAKE (P P67)	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	19,882	177,814	-	-	-	157,933	19,882	19,882	Non-ISO		
BIG CREEK NO.8	2229	220kV	-	-	(0)	(0)	-	-	-	-	-	(0)	Non-ISO		
BIG CREEK NO.2	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	3,223,040	4,472,393	-	-	-	1,249,353	3,223,040	4,472,393	Non-ISO		
EAST END HYDRO SHP FACILITY	2304	500kV	-	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	594,023	657,921	-	-	-	63,898	594,023	657,921	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	5,386	-	-	-	-	-	5,386	Non-ISO		
LYTLE CREEK NO.1	2320	33kV & Below	-	-	47,967	47,967	-	-	-	-	-	47,967	Non-ISO		
KAWASHAN NO.1	2324	66kV	-	-	11,649	11,649	-	-	-	-	-	11,649	Non-ISO		
LOWER TULE RIVER	2327	66kV	-	-	70,031	70,031	-	-	-	-	-	70,031	Non-ISO		
KERN RIVER #3	2328	66kV	(20,170)	-	1,540,687	1,520,517	-	-	-	(20,170)	-	1,540,687	Non-ISO		
EASTERN HYDRO REGION	2500	55kV	-	-	110,283	110,283	-	-	-	-	-	110,283	Non-ISO		
POOLE	2512	33kV & Below	-	-	244	244	-	-	-	-	-	244	Non-ISO		
RUSH CREEK	2514	115kV	-	-	96,338	96,338	-	-	-	-	-	96,338	Non-ISO		
BISHOP CREEK NO.2	2522	55kV	-	-	432,711	432,711	-	-	-	-	-	432,711	Non-ISO		
BISHOP CREEK NO.3	2523	33kV & Below	-	-	144,804	144,804	-	-	-	-	-	144,804	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	-	-	36,610	36,610	-	-	-	-	-	36,610	Non-ISO		
BISHOP CREEK NO.6	2526	33kV & Below	-	-	25,968	25,968	-	-	-	-	-	25,968	Non-ISO		
CONTROL STATION	2556	115kV	(0)	-	-	-	-	-	-	(0)	-	-	Non-ISO		
CASA DINING	2567	115kV	-	-	569,516	569,516	-	-	-	-	-	569,516	Non-ISO		
LUNDY	2568 & 2510	55kV	-	-	45,508	45,508	-	-	-	-	-	45,508	Non-ISO		
LEE VINING	2561	115kV	-	-	41,579	41,579	-	-	-	-	-	41,579	Non-ISO		
INFO	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	10,263,188	11,157,395	-	-	-	7,434	886,772	10,263,188	Non-ISO		
JUNE LAKE	2583	33kV & Below	-	26,178	808,514	834,692	-	-	-	-	-	808,514	Non-ISO		
DEEP SPRINGS	2589	55kV	-	1,191	125,605	126,796	-	-	-	-	-	125,605	Non-ISO		
WHITE MOUNTAIN RADIO	2594	55kV	-	-	2,232,539	2,232,539	-	-	-	-	-	2,232,539	Non-ISO		
MT. TOM	2598	55kV	-	46,013	4,384,460	4,430,473	-	-	-	-	-	4,384,460	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	1,446,601	1,584,503	-	-	-	24,261	137,912	1,446,601	Non-ISO		
SKILAND	2611	33kV & Below	62,995	227,115	1,950,393	2,240,508	-	-	-	62,995	227,115	1,950,393	Non-ISO		
MILNART	2612	33kV & Below	-	375,895	1,781,515	2,157,411	-	-	-	-	-	1,781,515	Non-ISO		
ELWOOD ENY SPPT FAC-GS TB	3020	500kV	-	-	9,065	9,065	-	-	-	-	-	9,065	Non-ISO		
CATALINA ISLAND DIESEL	3064	66kV	-	9,743,102	19,078,832	28,821,933	-	-	-	-	-	9,743,102	19,078,832	Non-ISO	
CLWTR COMG CYCLE GEN STN	3893	33kV & Below	-	175,075	-	175,075	-	-	-	-	-	175,075	Non-ISO		
TRANSMISSION CONST & MTC	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		
NRTN T/S REGION	4600	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
33&66KV LNS IN NRTN T/S	4605	66kV	-	83,844	-	83,844	-	-	-	-	-	83,844	Non-ISO		
15 KV LNS, ESTN T/S REG	4750	115kV	-	1,837	-	1,837	-	-	-	-	-	1,837	Non-ISO		
S/E DIV. 66KV LINES	4805	66kV	-	140,014	-	140,014	-	-	-	-	-	140,014	Non-ISO		
SUBSTN DIV	5000	Misc	-	-	485,808	485,808	-	-	-	-	-	485,808	Non-ISO		
WALNUT SUB	5014	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
EL NIDO SWITCHCRACK SUB	5023	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
LOS BCH SWITCHCRACK SUB	5027	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
MAGNIDEN SUB	5031	220kV	-	67,791	-	67,791	-	-	-	-	-	67,791	Non-ISO		
RECTOR SUB	5033	220kV	-	(0)	-	(0)	-	-	-	-	-	(0)	Non-ISO		
VESTAL SUB	5035	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
KRAMER SUB	5042 & 8046	220kV	-	-	-	(0)	-	-	-	-	-	(0)	Non-ISO		
MOHAVE SWITCHCRACK	5045	500kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
MANDALAY SWITCHCRACK SUB	5048	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
ORMOND BCH SWITCHCRACK SUB	5049	220kV	-	-	18,020	18,020	-	-	-	-	-	18,020	Non-ISO		
SAUGUS SUB	5051	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
ANTELOPE SUB	5052	500kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
SANTA CLARA SUB	5053	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
VINCENT SUB	5054 & 8954	500kV	-	0	0	0	-	-	-	-	-	0	Non-ISO		
GOLETA SUB	5055	220kV	-	-	4,123,401	4,123,401	-	-	-	-	-	4,123,401	Non-ISO		
PADUA SUB	5060	220kV	-	-	290,518	290,518	-	-	-	-	-	290,518	Non-ISO		
LUGO SUB	5061	500kV	-	-	60,034	60,034	-	-	-	-	-	60,034	Non-ISO		
DIVERS SUB	5067	500kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
CAMINO SUB	5068	220kV	-	119,664	-	119,664	-	-	-	-	-	119,664	Non-ISO		
Valley & Valley - CEP	5070 & 8034	500kV	-	-	(3,087)	(3,087)	-	-	-	-	-	(3,087)	Non-ISO		
HENDON SUB	5071	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
LIGHTHOUSE SUB	5073	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
LAGUNA BELLS SUB	5074	220kV	-	-	-	-	-	-	-	-	-				

SOUTHERN CALIFORNIA EDISON COMPANY

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DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				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 360 361 362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362				
			Land & Land Rights	Structures & Improvements	Station Equipment	TOTAL	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment				
AMADOR SUB	5161	66KV	27,986	547,153	13,722,696	14,297,835	-	-	-	27,986	547,153	13,722,696	Non-ISO			
FAIR OAKS SUB	5162	33KV & Below	9,204	41,031	2,504,924	2,555,158	-	-	-	9,204	41,031	2,504,924	Non-ISO			
REPETTO SUB	5164	66KV	11,399	162,578	8,991,166	9,164,944	-	-	-	11,399	162,578	8,991,166	Non-ISO			
MAYFLOWER SUB	5167	33KV & Below	12,984	121,606	3,224,814	3,359,404	-	-	-	12,984	121,606	3,224,814	Non-ISO			
HARDING SUB	5168	33KV & Below	10,403	-	-	10,403	-	-	-	10,403	-	-	Non-ISO			
RAYMOND SUB	5169	33KV & Below	-	6,085	31	6,117	-	-	-	-	6,085	31	Non-ISO			
TEMPLE SUB	5170	33KV & Below	16,469	235,755	3,525,955	3,781,179	-	-	-	16,469	235,755	3,525,955	Non-ISO			
BROADBURY SUB	5171	66KV	11,331	407,558	7,694,969	8,113,858	-	-	-	11,331	407,558	7,694,969	Non-ISO			
SHULTZ SUB	5172	66KV	-	11,098	910,974	922,072	-	-	-	-	11,098	910,974	Non-ISO			
SHARON SUB	5173	33KV & Below	21,259	54,420	923,798	999,477	-	-	-	21,259	54,420	923,798	Non-ISO			
VAL SUB	5175	66KV	52,687	304,842	6,627,572	7,055,101	-	-	-	52,687	304,842	6,627,572	Non-ISO			
KIRKALL SUBSTATION	5176	66KV	924,235	2,035,399	16,167,296	19,166,929	-	-	-	924,235	2,035,399	16,167,296	Non-ISO			
DOCK SUBSTATION	5177	66KV	-	-	221,603	221,603	-	-	-	-	-	221,603	Non-ISO			
KIRKALL SUBSTATION	5178	66KV	-	-	25,215	25,215	-	-	-	-	-	25,215	Non-ISO			
RAVENDALE SUB	5179	66KV	20,819	276,813	11,563,530	11,860,162	-	-	-	20,819	276,813	11,860,162	Non-ISO			
AIRPAC SUB	5180	66KV	830	-	830	830	-	-	-	830	-	-	Non-ISO			
ADISA CITY SUB	5181	66KV	-	71,431	2,857,622	2,929,053	-	-	-	-	71,431	2,857,622	Non-ISO			
BAZOLLO SUB	5182	33KV & Below	4,275	28,372	2,491,220	2,523,866	-	-	-	4,275	28,372	2,491,220	Non-ISO			
BASSETT SUB	5184	66KV	25,036	328,580	7,550,813	7,904,429	-	-	-	25,036	328,580	7,550,813	Non-ISO			
CITRUS SUB	5185	66KV	65,892	318,341	8,284,452	8,668,686	-	-	-	65,892	318,341	8,284,452	Non-ISO			
CORREY SUB	5186	66KV	24,041	263,953	7,575,813	7,860,809	-	-	-	24,041	263,953	7,575,813	Non-ISO			
COVINA SUB	5187	33KV & Below	2,659	130,616	133,275	136,550	-	-	-	2,659	130,616	133,275	Non-ISO			
DALTON SUB	5188	66KV	349,361	7,756,312	8,107,568	16,203,241	-	-	-	349,361	7,756,312	8,107,568	Non-ISO			
GRAND CROSSING SUB	5189	66KV	2,386	240,404	(150,883)	85,521	-	-	-	2,386	240,404	(150,883)	Non-ISO			
MCA SUB	5190	66KV	27,864	18,822	894,388	941,074	-	-	-	27,864	18,822	894,388	Non-ISO			
INDUSTY SUB	5191	66KV	32,825	328,632	4,964,119	5,325,577	-	-	-	32,825	328,632	4,964,119	Non-ISO			
LARK ELLEN SUB	5192	66KV	72,232	236,730	12,318,369	12,627,331	-	-	-	72,232	236,730	12,318,369	Non-ISO			
MERCED SUB	5193	66KV	54,374	116,355	5,265,181	5,435,910	-	-	-	54,374	116,355	5,265,181	Non-ISO			
SANGLEN SUB	5194	66KV	40,674	-	874,101	914,775	-	-	-	-	40,674	874,101	Non-ISO			
PUENTE SUB	5195	66KV	1,220	125,764	3,750,658	3,877,641	-	-	-	1,220	125,764	3,750,658	Non-ISO			
RAILROAD SUB	5196	66KV	119,063	268,963	8,809,782	9,193,807	-	-	-	119,063	268,963	8,809,782	Non-ISO			
ALHAMBRA DIST SUB TRG FAC	5198	66KV	30,612	-	2,175,758	2,206,370	-	-	-	30,612	-	2,175,758	Non-ISO			
BEVERLY HILLS SUB	5201	66KV	351,856	1,402,779	31,386,387	33,141,022	-	-	-	351,856	1,402,779	31,386,387	Non-ISO			
POLARS SUB	5202	66KV	866	88,620	1,367,498	1,456,984	-	-	-	866	88,620	1,367,498	Non-ISO			
CLIVER CITY SUB	5204	66KV	501,547	8,440,986	8,948,763	19,891,296	-	-	-	501,547	8,440,986	8,948,763	Non-ISO			
DOUGLAS EL SEGUNDO SUB	5205	66KV	-	24,728	1,344,886	1,369,615	-	-	-	-	24,728	1,344,886	Non-ISO			
EL PORTO SUB	5206	33KV & Below	2,211	14,058	812,241	828,509	-	-	-	2,211	14,058	812,241	Non-ISO			
SEPULEVEDA SUB	5207	66KV	8,981	395,633	5,448,613	5,952,227	-	-	-	8,981	395,633	5,448,613	Non-ISO			
FAIRFAX SUB	5208	66KV	79,779	971,477	6,720,311	7,771,568	-	-	-	79,779	971,477	6,720,311	Non-ISO			
DOHERY SUB	5209	33KV & Below	69,465	86,816	2,031,483	2,187,763	-	-	-	69,465	86,816	2,031,483	Non-ISO			
HOWARD SUB	5210	66KV	196,527	398,354	4,899,939	5,394,814	-	-	-	196,527	398,354	4,899,939	Non-ISO			
INGLEWOOD SUB	5211	66KV	23,554	243,638	7,512,535	7,779,727	-	-	-	23,554	243,638	7,512,535	Non-ISO			
MOGO SUBSTATION	5212	66KV	-	30,763	363,478	394,240	-	-	-	-	30,763	363,478	Non-ISO			
LENNIX SUB	5213	66KV	192,067	211,792	14,571,027	14,975,166	-	-	-	192,067	211,792	14,571,027	Non-ISO			
COMSIC SUB	5214	66KV	813	3,448	545,933	549,381	-	-	-	813	3,448	545,933	Non-ISO			
MADRID SUB	5215	33KV & Below	7,750	33,768	1,412,908	1,474,704	-	-	-	7,750	33,768	1,412,908	Non-ISO			
MANHATTAN SUB	5216	33KV & Below	4,119	51,568	2,641,556	2,697,244	-	-	-	4,119	51,568	2,641,556	Non-ISO			
MARINE SUB	5217	66KV	16,040	291,781	4,680,986	4,983,866	-	-	-	16,040	291,781	4,680,986	Non-ISO			
MONETA SUB	5218	33KV & Below	2,806	24,987	1,031,273	1,058,966	-	-	-	2,806	24,987	1,031,273	Non-ISO			
MORNINGSTAR SUB	5219	33KV & Below	18,302	1,484,786	1,254,829	2,739,571	-	-	-	18,302	1,484,786	1,254,829	Non-ISO			
HIGHTON SUB	5220	66KV	-	1,880	337,973	339,853	-	-	-	-	1,880	337,973	Non-ISO			
OCEAN PARK SUB	5221	33KV & Below	31,028	32,768	1,412,908	1,474,704	-	-	-	31,028	32,768	1,412,908	Non-ISO			
OLYMPC SUB	5222	33KV & Below	1,908	696,664	7,186,457	7,885,047	-	-	-	1,908	696,664	7,186,457	Non-ISO			
PALOS VERDES SUB	5223	33KV & Below	5,883	52,509	652,336	709,945	-	-	-	5,883	52,509	652,336	Non-ISO			
PEARL SUB	5224	33KV & Below	7,678	254,836	940,199	1,014,713	-	-	-	7,678	254,836	940,199	Non-ISO			
PERRY SUB	5225	33KV & Below	2,981	1,251,401	1,775,568	3,029,950	-	-	-	2,981	1,251,401	1,775,568	Non-ISO			
BRIGHTON SUB	5226	66KV	77,687	299,533	4,360,974	4,738,194	-	-	-	77,687	299,533	4,360,974	Non-ISO			
REDONDO SUB	5227	33KV & Below	5,705	33,015	5,864,322	6,203,042	-	-	-	5,705	33,015	5,864,322	Non-ISO			
ROSECRANS SUB	5228	66KV	4,956	30,611	3,761,283	3,836,850	-	-	-	4,956	30,611	3,761,283	Non-ISO			
MOBILVILLE SUB	5229	66KV	15,578	155,746	14,486,450	14,658,774	-	-	-	15,578	155,746	14,486,450	Non-ISO			
SAN VINCENTE 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	3,376,243	10,526,559	14,922,046	-	-	-	19,462	3,376,243	10,526,559	Non-ISO			
VICTORIA SUB	5232	66KV	12,336	255,996	3,350,425	3,618,757	-	-	-	12,336	255,996	3,350,425	Non-ISO			
WALTERIA SUB	5233	66KV	37,069	591,230	5,639,883	6,228,182	-	-	-	37,069	591,230	5,639,883	Non-ISO			
WINDSOR HILLS SUB	5235	66KV	569,473	964,458	8,744,384	9,814,314	-	-	-	569,473	964,458	8,744,384	Non-ISO			
VALDEZ SUB	5236	66KV	160,109	291,637	11,263,208	11,714,954	-	-	-	160,109	291,637	11,263,208	Non-ISO			
LAWNDALE SUB	5238	33KV & Below	3,686	75,037	1,068,131	1,146,854	-	-	-	3,686	75,037	1,068,131	Non-ISO			
CRATER SUB	5239	66KV	7,939	704,056	6,950,090	7,662,085	-	-	-	7,939	704,056	6,950,090	Non-ISO			
RINDGE SUB	5240	33KV & Below	-	13,746	11,746	11,746	-	-	-	-	13,746	11,746	Non-ISO			
YUKON SUB	5241	66KV	29,665	951,364	16,223,431	17,204,451	-	-	-	29,665	951,364	16,223,431	Non-ISO			
COLOMADO SUB	5242	66KV	19,578	420,168	11,380,094	11,999,840	-	-	-	19,578	420,168	11,380,094	Non-ISO			
TOPANGA SUB	5243	33KV & Below	5,014	393,055	249,934	648,002	-	-	-	5,014	393,055	249,934	Non-ISO			
FULTON SUB	5244	33KV & Below	112,571	168,981	7,510,990	7,792,542	-	-	-	112,571	168,981	7,510,990	Non-ISO			
BEHOFORD SUB	5245	33KV & Below	41,628	40												

SOUTHERN CALIFORNIA EDISON COMPANY

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DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			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 360-362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361			A/C 362
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment			
VISALIA SUB	5331	66kV	198	193,813	10,431,111	10,625,122	-	-	-	198	193,813	10,431,111	Non-ISO		
WALKERBARN SUB	5332	66kV	-	440,523	2,543,516	2,984,039	-	-	-	-	440,523	2,543,516	Non-ISO		
WOODVILLE SUB	5333	66kV	200	90,176	10,025,78	10,116,070	-	-	-	200	90,176	10,025,78	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	4,873,868	6,521,290	-	-	-	3,281	1,644,141	4,873,868	Non-ISO		
OAK GROVE SUB	5337	66kV	1,488	525,985	6,877,288	7,404,761	-	-	-	1,488	525,985	6,877,288	Non-ISO		
MOONEY SUB	5338	33kV & Below	-	21,031	157,018	178,051	-	-	-	-	21,031	157,018	Non-ISO		
GREENHORN SUB	5339	66kV	2,952	54,762	3,617,254	3,672,254	-	-	-	2,952	54,762	3,617,254	Non-ISO		
DIVISADERO SUB	5340	33kV & Below	-	250	90,004	90,250	-	-	-	-	250	90,004	Non-ISO		
GRANDEVILLE SUB	5342	33kV & Below	1,318	2,935	758,055	761,250	-	-	-	1,318	2,935	758,055	Non-ISO		
QUINN SUB	5343	66kV	5,352	5,748	6,509,468	7,273,255	-	-	-	5,352	5,748	6,509,468	Non-ISO		
WOODLAKE SUB	5344	33kV & Below	-	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	33kV	3,846	1,200,457	6,141,834	7,344,331	-	-	-	3,846	1,200,457	6,141,834	Non-ISO		
ISABELLA SUB	5347	66kV	4,659	7,641,165	11,914,110	19,559,934	-	-	-	4,659	7,641,165	11,914,110	Non-ISO		
WHEATLAND SUB	5348	66kV	1,739	1,182,147	7,225,774	8,409,060	-	-	-	1,739	1,182,147	7,225,774	Non-ISO		
THREE RIVERS SUB	5350	66kV	2,788	383,972	1,622,606	2,006,961	-	-	-	2,788	383,972	1,622,606	Non-ISO		
BOXWOOD SUB	5351	66kV	43,039	290,880	4,323,787	4,614,706	-	-	-	43,039	290,880	4,323,787	Non-ISO		
LINE CREEK SUB	5352	33kV & Below	-	4,794	259,977	264,771	-	-	-	-	4,794	259,977	Non-ISO		
WELDON SUB	5353	66kV	7,156	1,042,714	8,911,622	9,954,491	-	-	-	7,156	1,042,714	8,911,622	Non-ISO		
KERNVILLE SUB	5356	66kV	-	945,335	2,288,526	3,233,861	-	-	-	-	945,335	2,288,526	Non-ISO		
CUMMINGS SUB	5357	66kV	679	44,856	5,070,242	5,115,777	-	-	-	679	44,856	5,070,242	Non-ISO		
MONMOUTH SUB	5358	66kV	288	1,580,674	10,385,146	11,966,107	-	-	-	288	1,580,674	10,385,146	Non-ISO		
BREEZE SUB	5360	66kV	43,084	10,730	3,950,150	4,003,964	-	-	-	43,084	10,730	3,950,150	Non-ISO		
PANDOS SUB	5361	66kV	12,561	28,841	73,714	79,119	-	-	-	12,561	28,841	73,714	Non-ISO		
LAMPS SUB	5362	66kV	3,468	29,072	76,212	79,742	-	-	-	3,468	29,072	76,212	Non-ISO		
VIRGIN SUB	5363	66kV	35,760	-	119,855	35,616	-	-	-	35,760	-	119,855	Non-ISO		
DESAL SUB	5366	66kV	-	46,691	346,030	392,721	-	-	-	-	46,691	346,030	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	-	66,258	585,693	651,951	-	-	-	-	66,258	585,693	Non-ISO		
DAIRY SUB	5370	66kV	6,241	29,196	572,743	608,141	-	-	-	6,241	29,196	572,743	Non-ISO		
LEHMAN SUB	5371	66kV	-	10,138	292,628	302,766	-	-	-	-	10,138	292,628	Non-ISO		
CAPTAIN SUB	5372	66kV	36,252	52,502	3,949,352	4,038,105	-	-	-	36,252	52,502	3,949,352	Non-ISO		
PROTEIN SUBSTATION	5373	66kV	-	62,485	1,049,548	11,120,70	-	-	-	-	62,485	1,049,548	Non-ISO		
RIVERWAY SUB	5374	66kV	-	717,273	11,691,447	12,408,720	-	-	-	-	717,273	11,691,447	Non-ISO		
MASCOT SUB	5375	66kV	11,327	3,159,295	14,487,869	17,658,491	-	-	-	11,327	3,159,295	14,487,869	Non-ISO		
NEW TULANE SUB	5377	66kV	-	12,706	-	12,706	-	-	-	-	12,706	-	Non-ISO		
BANDOLUCI SUBSTATION	5380	66kV	-	5,903,360	26,484,323	32,387,682	-	-	-	-	5,903,360	26,484,323	Non-ISO		
GROWERS SUB	5381	66kV	-	(0)	-	(0)	-	-	-	-	(0)	-	Non-ISO		
N/T'S DIV VARIOUS SUB	5400	66kV	-	-	6,671	6,671	-	-	-	-	-	6,671	Non-ISO		
MIDDLE SUB(POINT MOGU)	5401	66kV	-	-	577,018	612,914	-	-	-	-	-	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		
CANNWIND SUB	5405	66kV	-	-	288,543	288,543	-	-	-	-	-	288,543	Non-ISO		
ERWIND SUB	5406	66kV	-	-	905,680	905,680	-	-	-	-	-	905,680	Non-ISO		
MORWIND SUB	5409	66kV	443	-	241,206	241,206	-	-	-	-	443	241,206	Non-ISO		
FLOWIND SUB	5410	66kV	50,342	(6,767)	507,013	550,587	-	-	-	50,342	(6,767)	507,013	Non-ISO		
ARBWIND SUB	5411	66kV	-	-	584,210	584,210	-	-	-	-	-	584,210	Non-ISO		
SILVER PEAK SUB	5412	66kV	-	-	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	-	-	415,451	415,451	-	-	-	-	-	415,451	Non-ISO		
PURRY SUBSTATION	5422	66kV	-	313,306	1,065,642	1,378,948	-	-	-	-	313,306	1,065,642	Non-ISO		
SOUTHWIND SUB	5423	66kV	72,875	160,066	1,433,501	1,666,442	-	-	-	72,875	160,066	1,433,501	Non-ISO		
MIDWIND SUB	5424	66kV	65,768	29,124	1,035,931	1,130,822	-	-	-	65,768	29,124	1,035,931	Non-ISO		
ZIEWIND SUB	5425	66kV	168	-	32,158	32,158	-	-	-	-	168	32,158	Non-ISO		
WRIGHTWOOD SUB	5461	33kV & Below	27,650	301,302	7,846,063	8,175,015	-	-	-	27,650	301,302	7,846,063	Non-ISO		
TORTOSE SUB	5462	66kV	-	-	432,306	432,306	-	-	-	-	-	432,306	Non-ISO		
RIEADO SUBSTATION	5463	66kV	-	9,498	597,934	607,432	-	-	-	-	9,498	597,934	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	-	-	-	-	-	16,765	Non-ISO		
TORNEY SUB	5502	66kV	1,068	-	80,366	80,366	-	-	-	1,068	-	80,366	Non-ISO		
CAPITERIA SUB	5503	66kV	3,006	667,603	17,475,450	18,146,059	-	-	-	3,006	667,603	17,475,450	Non-ISO		
CASSITA SUB	5504	66kV	1,190	187,862	7,417,418	7,605,470	-	-	-	1,190	187,862	7,417,418	Non-ISO		
COLONIA SUB	5505	66kV	3,846	354,110	10,479,188	10,833,891	-	-	-	3,846	354,110	10,479,188	Non-ISO		
CHANNAL ISLANDS SUB	5506	66kV	97,258	476,055	3,784,524	4,358,387	-	-	-	97,258	476,055	3,784,524	Non-ISO		
ORTEGA SUB	5507	66kV	319,669	1,043,996	2,882,899	4,246,563	-	-	-	319,669	1,043,996	2,882,899	Non-ISO		
DIL SUB SUB	5508	66kV	1,493	391,200	6,000,876	6,393,499	-	-	-	-	1,493	391,200	Non-ISO		
ORGEN SUB	5509	66kV	554	86	36,910	37,551	-	-	-	554	86	36,910	Non-ISO		
FILMORE SUB	5510	66kV	58,777	295,552	7,303,668	7,657,996	-	-	-	58,777	295,552	7,303,668	Non-ISO		
GOLOTTOWN SUB	5511	66kV	187	181,745	8,786,215	8,968,147	-	-	-	-	187	181,745	Non-ISO		
LANCASTER SUB	5514	66kV	-	1,387,505	8,532,285	9,919,791	-	-	-	-	1,387,505	8,532,285	Non-ISO		
CELEDO SUBSTATION	5515	66kV	-	24,287	966,901	991,187	-	-	-	-	24,287	966,901	Non-ISO		
PROGEN SUB	5516	66kV	-	74,009	2,679,728	2,753,737	-	-	-	-	74,009	2,679,728	Non-ISO		
CAMARILLO SUB	5517	66kV	28,584	499,720	8,241,021	8,739,325	-	-	-	28,584	499,720	8,241,021	Non-ISO		
LITTLE ROCK SUB	5518	66kV	443	-	8,098,013	8,098,013	-	-	-	-	443	-	Non-ISO		
MALIBU SUB	5519	66kV	14,389	485,602	7,213,181	7,713,172	-	-	-	14,389	485,602	7,213,181	Non-ISO		
MODOC SUB	5520	33kV & Below	6,752	171,751	4,281,586	4,460,089	-	-	-	6,752	171,751	4,281,586	Non-ISO		
UNION SUB	5521	66kV	-	25,088	882,345	907,433	-	-	-	-	25,088	882,345			

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 Facilities
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT				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 360-362		A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment			
PEYTON SUB	5614	66kV	24,388	273,986	7,171,725	7,470,099	-	-	-	24,388	273,986	7,171,725	Non-ISO		
DIETZ SUB	5615	66kV	3,638	3,383,798	10,217,505	13,604,942	-	-	-	3,638	3,383,798	10,217,505	Non-ISO		
FLANCO SUB	5616	33kV & Below	4,820	79,134	43,953	123,907	-	-	-	4,820	79,134	43,953	Non-ISO		
GANEHA SUB	5617	66kV	4,738	384,606	11,916,275	12,305,619	-	-	-	4,738	384,606	11,916,275	Non-ISO		
FIREHOUSE SUB	5618	66kV	39,026	510,335	8,774,478	9,324,839	-	-	-	39,026	510,335	8,774,478	Non-ISO		
HIGHLAND SUB	5619	66kV	1,885	1,943,529	14,580,768	16,525,822	-	-	-	1,885	1,943,529	14,580,768	Non-ISO		
BLOOMINGTON SUB	5620	66kV	14,412	248,296	9,812,945	10,075,652	-	-	-	14,412	248,296	9,812,945	Non-ISO		
HUSTON SUB	5621	33kV & Below	9,257	140,795	4,063,403	4,214,455	-	-	-	9,257	140,795	4,063,403	Non-ISO		
JUNCTION SUB	5622	33kV & Below	-	133,733	2,364,871	2,398,604	-	-	-	-	133,733	2,364,871	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	240,147	2,425,134	2,669,521	-	-	-	4,295	240,147	2,425,134	Non-ISO		
PIEDLEY SUB	5626	66kV	880	302,069	6,133,135	6,736,084	-	-	-	880	302,069	6,133,135	Non-ISO		
POMONA SUB	5627	33kV & Below	7,625	142,520	957,178	1,107,323	-	-	-	7,625	142,520	957,178	Non-ISO		
TENNESSEE SUB	5628	66kV	18,482	530,276	5,084,652	5,634,410	-	-	-	18,482	530,276	5,084,652	Non-ISO		
RELANDS SUB	5629	66kV	7,702,827	876,360	21,075,333	29,654,517	-	-	-	7,702,827	876,360	21,075,333	Non-ISO		
GRAPELAND PEAKER SUB	5630	66kV	-	453,226	1,129,008	1,582,234	-	-	-	-	453,226	1,129,008	Non-ISO		
SAN ANTONIO SUB	5631	66kV	5,741	815,074	10,719,087	11,539,902	-	-	-	5,741	815,074	10,719,087	Non-ISO		
STOCKHARD SUB	5632	33kV & Below	5,802	1,059,274	7,036,909	8,105,245	-	-	-	5,802	1,059,274	7,036,909	Non-ISO		
SAN DIMAS SUB	5633	66kV	6,635	182,036	6,073,178	6,261,849	-	-	-	6,635	182,036	6,073,178	Non-ISO		
KAGER STEEL SUB	5634	66kV	-	-	415,140	415,140	-	-	-	-	-	415,140	Non-ISO		
UPLAND SUB	5635	66kV	4,772	310,671	13,943,330	14,258,772	-	-	-	4,772	310,671	13,943,330	Non-ISO		
YUCCA SUB	5636	66kV	6,287	312,966	8,568,164	8,887,417	-	-	-	6,287	312,966	8,568,164	Non-ISO		
TIPPECANOE SUB	5637	33kV & Below	6,560	618,076	4,651,311	5,255,957	-	-	-	6,560	618,076	4,651,311	Non-ISO		
KEM SUB	5638	66kV	-	1,489	536,997	538,486	-	-	-	-	1,489	536,997	Non-ISO		
FRANCIS SUB	5639	66kV	21,324	417,563	5,295,876	5,714,762	-	-	-	21,324	417,563	5,295,876	Non-ISO		
BURNETT MILL SUB	5640	33kV & Below	19,522	512,209	6,488,355	7,005,586	-	-	-	19,522	512,209	6,488,355	Non-ISO		
MT VERNON SUB	5641	33kV & Below	5,953	148,748	2,345,441	2,500,141	-	-	-	5,953	148,748	2,345,441	Non-ISO		
EUCUID SUB	5644	33kV & Below	2,156	388,247	941,229	1,331,632	-	-	-	2,156	388,247	941,229	Non-ISO		
LAYFAR SUB	5645	66kV	3,268	353,840	7,724,923	8,082,031	-	-	-	3,268	353,840	7,724,923	Non-ISO		
COXTON CEMENT SUB	5646	66kV	-	29,355	992,020	1,021,375	-	-	-	-	29,355	992,020	Non-ISO		
VALENCIA SUB	5647	33kV & Below	8,437	1,866,398	510,393	2,387,227	-	-	-	8,437	1,866,398	510,393	Non-ISO		
NARDO SUB	5648	66kV	6,865	705,703	15,539,796	16,251,302	-	-	-	6,865	705,703	15,539,796	Non-ISO		
LINDE AIR SUB	5650	66kV	-	22,562	1,516,454	1,539,017	-	-	-	-	22,562	1,516,454	Non-ISO		
AMERSON SUB	5652	66kV	11,898	14,597	1,992,672	2,018,167	-	-	-	11,898	14,597	1,992,672	Non-ISO		
SHARLEY SUB	5653	33kV & Below	1,980	394,193	11,608,663	12,003,946	-	-	-	1,980	394,193	11,608,663	Non-ISO		
REDUCTION SUB	5654	66kV	2,631	287,656	3,701,373	3,991,661	-	-	-	2,631	287,656	3,701,373	Non-ISO		
NOGALES SUB	5655	66kV	23,176	87,310	8,065,945	8,176,430	-	-	-	23,176	87,310	8,065,945	Non-ISO		
BAIN SUB	5656	66kV	28,095	791,397	7,355,159	8,173,252	-	-	-	28,095	791,397	7,355,159	Non-ISO		
WHEEL SUB	5657	66kV	882	-	-	882	-	-	-	882	-	-	Non-ISO		
PIPE SUB	5658	66kV	410	16,221	1,154,230	1,170,862	-	-	-	410	16,221	1,154,230	Non-ISO		
ARCHMOLD SUB	5659	66kV	9,307	148,346	6,569,173	6,926,526	-	-	-	9,307	148,346	6,569,173	Non-ISO		
TURNING SPRINGS SUB	5661	33kV & Below	12,065	81,708	3,755,543	3,849,315	-	-	-	12,065	81,708	3,755,543	Non-ISO		
ARBORS SUB	5662	66kV	-	-	235,774	235,774	-	-	-	-	-	235,774	Non-ISO		
MILLVIEW SUB	5663	66kV	795,975	535,545	8,984,698	9,516,118	-	-	-	795,975	535,545	8,984,698	Non-ISO		
WIMBLETON SUB	5664	66kV	-	739,840	8,932,507	9,672,347	-	-	-	-	739,840	8,932,507	Non-ISO		
HAVASUB SUB	5665	66kV	2,142	7,329	1,923,002	1,932,471	-	-	-	2,142	7,329	1,932,002	Non-ISO		
ARCHLINE SUB	5667	66kV	19,821	587,290	8,362,209	8,969,320	-	-	-	19,821	587,290	8,362,209	Non-ISO		
CRESTMORE SUB	5668	66kV	8,508	3,351	140,140	144,342	-	-	-	8,508	3,351	140,140	Non-ISO		
WHIPPLE SUB	5674	66kV	18,899	3,341,786	3,341,786	6,583,470	-	-	-	18,899	3,341,786	6,583,470	Non-ISO		
CACAMONGA SUB	5677	66kV	13,341	560,898	8,151,209	8,765,448	-	-	-	13,341	560,898	8,151,209	Non-ISO		
LANDING SUB	5678	66kV	4,700	23,620	4,209,439	4,237,948	-	-	-	4,700	23,620	4,209,439	Non-ISO		
CHAMIE SUB	5679	66kV	-	530,684	10,398,309	10,928,994	-	-	-	-	530,684	10,398,309	Non-ISO		
DIAGONAL BAR SUB	5680	66kV	505,887	322,656	5,387,273	6,215,816	-	-	-	505,887	322,656	5,387,273	Non-ISO		
GARDEN STATE SUB	5681	66kV	-	6,899	-	18,605	25,504	-	-	-	6,899	-	18,605	Non-ISO	
UNIMED SUB	5682	66kV	-	-	210,291	210,291	-	-	-	-	-	210,291	Non-ISO		
DILGER SUB	5683	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
CANBY SUB	5685	66kV	-	3,176	310,775	313,952	-	-	-	-	3,176	310,775	Non-ISO		
SOQUI SUB	5686	66kV	333,364	680,131	5,180,997	6,194,492	-	-	-	333,364	680,131	5,180,997	Non-ISO		
ROCKAW SUB	5688	66kV	9,232	12,621	243,309	265,162	-	-	-	9,232	12,621	243,309	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		
CLANDMONT 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	11,177	31,073	907,445	939,621	-	-	-	11,177	31,073	907,445	Non-ISO		
POLYPRO SUB	5697	66kV	-	43,119	1,016,676	1,059,795	-	-	-	-	43,119	1,016,676	Non-ISO		
BIF SUBSTATION	5698	66kV	-	61,145	-	61,145	-	-	-	-	61,145	-	Non-ISO		
KONER SUB	5699	66kV	-	30,407	486,538	516,945	-	-	-	-	30,407	486,538	Non-ISO		
ALION SUB	5701	66kV	13,817	116,587	7,296,236	7,426,640	-	-	-	13,817	116,587	7,296,236	Non-ISO		
VIDEO SUB	5702	66kV	8,662	-	-	8,662	-	-	-	8,662	-	-	Non-ISO		
NAVY MOLE SUB	5704	66kV	-	20,356	209,975	230,331	-	-	-	-	20,356	209,975	Non-ISO		
SHELLWAT SUB	5705	66kV	-	49,560	1,717,494	1,767,054	-	-	-	-	49,560	1,717,494	Non-ISO		
BELOMONT SUB	5706	33kV & Below	3,742	618,515	2,822,778	3,445,040	-	-	-	3,742	618,515	2,822,778	Non-ISO		
BIBBY SUB	5707	33kV & Below	18,626	124,274	1,727,211	1,870,112	-	-	-	18,626	124,274	1,727,211	Non-ISO		
BOWL SUB	5708	66kV	21,182	371,645	7,828,598	8,221,425	-	-	-	21,182	371,645	7,828,598	Non-ISO		
INJECTION SUB	5709	66kV	2,075	114,989	146,543	148,618	-	-	-	2,075	114,989	146,543	Non-ISO		
BREWSTER SUB	5710	33kV & Below	14,222	192,816	4,502,544	4,709,582	-	-	-	14,222	192,816	4			

SOUTHERN CALIFORNIA EDISON COMPANY
12-31-2020 Facilities
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			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 360-362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361			A/C 362
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment			
BRYAN SUBSTATION	5808	66KV	14,865	338,490	8,964,322	9,317,677	-	-	-	14,865	338,490	8,964,322	Non-ISO		
SALTER SUBSTATION	5809	66KV	75,818	639,440	6,653,977	7,369,236	-	-	-	75,818	639,440	6,653,977	Non-ISO		
BRYSTON SUBSTATION	5810	33KV & Below	9,030	8,905	115,543	134,260	-	-	-	9,030	8,905	115,543	Non-ISO		
CHUQUITA SUBSTATION	5811	66KV	648,506	574,221	11,227,144	12,449,871	-	-	-	648,506	574,221	11,227,144	Non-ISO		
MURPHY SUB	5812	66KV	61,155	94,788	2,295,405	2,451,348	-	-	-	61,155	94,788	2,295,405	Non-ISO		
CAROLINA SUBSTATION	5813	66KV	30,813	642,971	7,236,315	7,910,101	-	-	-	30,813	642,971	7,236,315	Non-ISO		
CARMENITA SUBSTATION	5814	66KV	6,616	679,475	10,010,238	10,696,328	-	-	-	6,616	679,475	10,010,238	Non-ISO		
PAPER SUBSTATION	5815	66KV	1,488	10,365	435,106	446,959	-	-	-	1,488	10,365	435,106	Non-ISO		
PARKWOOD SUBSTATION	5816	66KV	58,055	138,864	5,874,568	6,071,487	-	-	-	58,055	138,864	5,874,568	Non-ISO		
COSTA MESA SUBSTATION	5817	33KV & Below	4,078	179,131	1,671,245	1,854,454	-	-	-	4,078	179,131	1,671,245	Non-ISO		
CROWN SUBSTATION	5818	66KV	57,929	583,196	7,269,280	7,910,406	-	-	-	57,929	583,196	7,269,280	Non-ISO		
EDY SUBSTATION	5819	66KV	52,170	155,410	10,369,999	10,577,180	-	-	-	52,170	155,410	10,369,999	Non-ISO		
DOWNEY SUB	5820	33KV & Below	8,033	22,467	3,429,635	3,460,135	-	-	-	8,033	22,467	3,429,635	Non-ISO		
FAIRVIEW SUBSTATION	5821	66KV	1,818	887,749	12,509,360	13,398,927	-	-	-	1,818	887,749	12,509,360	Non-ISO		
FULLERTON SUBSTATION	5822	66KV	20,432	288,582	9,774,716	10,083,790	-	-	-	20,432	288,582	9,774,716	Non-ISO		
GALLATIN SUB	5823	66KV	19,042	159,384	3,327,884	3,506,310	-	-	-	19,042	159,384	3,327,884	Non-ISO		
WECO SUBSTATION	5824	66KV	-	-	75	75	-	-	-	-	-	75	Non-ISO		
HAMILTON SUBSTATION	5825	66KV	11,053	1,563,500	8,056,263	9,630,816	-	-	-	11,053	1,563,500	8,056,263	Non-ISO		
CAMDEN SUBSTATION	5826	66KV	183,449	567,751	4,028,037	4,779,237	-	-	-	183,449	567,751	4,028,037	Non-ISO		
WAIVE SUBSTATION	5828	66KV	1,978	210,782	6,073,873	6,286,636	-	-	-	1,978	210,782	6,073,873	Non-ISO		
IRVINE SUBSTATION	5829	66KV	2,643	393,732	11,738,361	12,134,736	-	-	-	2,643	393,732	11,738,361	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	667,206	13,466,976	14,380,848	-	-	-	916	667,206	13,466,976	Non-ISO		
GILBERT SUBSTATION	5833	66KV	42,324	102,755	4,828,277	4,973,335	-	-	-	42,324	102,755	4,828,277	Non-ISO		
LA MIRADA SUBSTATION	5834	66KV	52,555	639,031	6,100,874	6,792,461	-	-	-	52,555	639,031	6,100,874	Non-ISO		
LA VEA SUBSTATION	5835	66KV	72,254	2,216,602	6,376,638	8,750,693	-	-	-	72,254	2,216,602	6,376,638	Non-ISO		
MORRO SUBSTATION	5836	66KV	20,036	134,146	5,911,508	6,066,690	-	-	-	20,036	134,146	5,911,508	Non-ISO		
CYPRESS SUBSTATION	5837	66KV	25,204	313,359	10,960,175	11,273,588	-	-	-	25,204	313,359	10,960,175	Non-ISO		
NARROWS SUB	5838	66KV	30,474	520,851	10,515,351	11,066,680	-	-	-	30,474	520,851	10,515,351	Non-ISO		
SUNNYSHILLS SUBSTATION	5840	66KV	-	36,412	332,949	369,361	-	-	-	-	36,412	332,949	Non-ISO		
LEANDRO SUBSTATION	5841	66KV	-	466,741	-	466,741	-	-	-	-	466,741	-	Non-ISO		
OCEANVIEW SUBSTATION	5842	66KV	6,909	475,357	7,896,676	8,378,941	-	-	-	6,909	475,357	7,896,676	Non-ISO		
ORANGE SUBSTATION	5843	66KV	91,402	5,242,205	15,576,983	20,910,590	-	-	-	91,402	5,242,205	15,576,983	Non-ISO		
WILSHIRE SUB	5844	66KV	-	-	39,287	39,287	-	-	-	-	-	39,287	Non-ISO		
MOULTON SUBSTATION	5845	66KV	64,266	891,551	6,215,175	6,957,532	-	-	-	64,266	891,551	6,215,175	Non-ISO		
MERCURY SUB	5846	66KV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
RIVERA SUB	5848	33KV & Below	3,356	1,055,265	6,219,188	7,277,808	-	-	-	3,356	1,055,265	6,219,188	Non-ISO		
SANTA ANA SUBSTATION	5849	33KV & Below	3,722	1,817,213	1,828,935	3,722	1,817,213	-	-	3,722	1,817,213	-	Non-ISO		
STA FE SPRINGS SUB	5850	66KV	26,233	412,935	7,539,793	7,978,961	-	-	-	26,233	412,935	7,539,793	Non-ISO		
GILGER SUBSTATION	5851	66KV	141,656	466,528	7,397,146	8,005,329	-	-	-	141,656	466,528	7,397,146	Non-ISO		
STEWART SUB	5852	66KV	83,295	91,608	4,800,411	4,977,314	-	-	-	83,295	91,608	4,800,411	Non-ISO		
TALBERT SUBSTATION	5853	66KV	23,620	232,148	4,122,137	4,377,905	-	-	-	23,620	232,148	4,122,137	Non-ISO		
BROOKHURST SUBSTATION	5854	66KV	118,649	352,404	5,422,067	5,893,120	-	-	-	118,649	352,404	5,422,067	Non-ISO		
WASHINGTON SUBSTATION	5856	66KV	86,492	837,581	7,160,016	8,088,088	-	-	-	86,492	837,581	7,160,016	Non-ISO		
SPONGE SUB	5857	66KV	-	10,308	70,615	80,308	-	-	-	-	10,308	70,615	Non-ISO		
CEDARWOOD SUBSTATION	5859	33KV & Below	3,886	82,512	1,143,572	1,229,970	-	-	-	3,886	82,512	1,143,572	Non-ISO		
ALTON SUBSTATION	5860	66KV	62,261	-	62,261	62,261	-	-	-	62,261	-	62,261	Non-ISO		
CHENUT SUBSTATION	5861	66KV	1,681	227,350	8,568,318	8,797,348	-	-	-	1,681	227,350	8,568,318	Non-ISO		
SULLIVAN SUBSTATION	5862	66KV	14,328	521,270	12,879,793	13,415,381	-	-	-	14,328	521,270	12,879,793	Non-ISO		
BARTOLO SUB	5863	33KV & Below	4,277	84,224	853,905	962,406	-	-	-	4,277	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	691,423	13,237,257	14,095,120	-	-	-	130,440	691,423	13,237,257	Non-ISO		
MARION SUBSTATION	5866	66KV	75,573	73,183	4,755,817	4,894,703	-	-	-	75,573	73,183	4,755,817	Non-ISO		
ARCH BEACH SUBSTATION	5867	33KV & Below	7,596	94,936	415,140	517,673	-	-	-	7,596	94,936	415,140	Non-ISO		
SHAWNEE SUBSTATION	5869	66KV	486,284	183,467	3,699,743	4,369,494	-	-	-	486,284	183,467	3,699,743	Non-ISO		
LAMPSON SUBSTATION	5870	66KV	316,290	316,676	7,688,730	7,928,097	-	-	-	316,290	316,676	7,688,730	Non-ISO		
NORSIAL SUBSTATION	5871	66KV	-	25,437	622,894	622,894	-	-	-	-	25,437	622,894	Non-ISO		
LAJAVITE SUBSTATION	5872	66KV	109,897	572,139	6,056,151	6,738,587	-	-	-	109,897	572,139	6,056,151	Non-ISO		
LA PALMA SUBSTATION	5873	66KV	8,903	1,810,287	11,799,150	12,609,860	-	-	-	8,903	1,810,287	11,799,150	Non-ISO		
MAC ARTHUR SUBSTATION	5874	66KV	100,888	184,557	7,629,166	7,914,610	-	-	-	100,888	184,557	7,629,166	Non-ISO		
EDINGER SUBSTATION	5875	33KV & Below	11,499	457,116	2,137,410	2,606,225	-	-	-	11,499	457,116	2,137,410	Non-ISO		
TUSTIN SUBSTATION	5878	66KV	84,509	-	84,509	84,509	-	-	-	84,509	-	84,509	Non-ISO		
CARILLO SUBSTATION	5879	66KV	72,333	643,512	13,600,281	14,313,127	-	-	-	72,333	643,512	13,600,281	Non-ISO		
YORBA LINDA SUBSTATION	5880	66KV	109,294	119,608	7,145,998	7,374,950	-	-	-	109,294	119,608	7,145,998	Non-ISO		
BASTIA SUBSTATION	5883	33KV & Below	6,540	295,661	1,824,635	1,924,635	-	-	-	6,540	295,661	1,824,635	Non-ISO		
BURRIS SUB	5884	66KV	-	17,726	589,360	607,086	-	-	-	-	17,726	589,360	Non-ISO		
POWERS SUB	5885	66KV	-	14,763	565,826	580,589	-	-	-	-	14,763	565,826	Non-ISO		
POWERLINE SUB	5886	66KV	145,164	287,851	7,929,831	8,362,851	-	-	-	145,164	287,851	7,929,831	Non-ISO		
BORRERO SUBSTATION	5887	66KV	40,290	498,053	8,164,277	8,702,620	-	-	-	40,290	498,053	8,164,277	Non-ISO		
WESTGATE SUB	5888	33KV & Below	23,707	139,828	1,784,339	1,878,139	-	-	-	23,707	139,828	1,784,339	Non-ISO		
PACIFICITA SUBSTATION	5889	66KV	62,828	597,957	4,076,139	4,336,139	-	-	-	62,828	597,957	4,076,139	Non-ISO		
CANYON SUBSTATION	5890	66KV	11,185	481,902	11,012,778	11,505,865	-	-	-	11,185	481,902	11,012,778	Non-ISO		
FRENCH HILLS SUB	5891	33KV & Below	11,260	116,118	2,532,280	2,598,666	-	-	-	11,260	116,118	2,532,			

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2020 Facilities
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	DISTRIBUTION ACCOUNT					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 360-362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362				
		Voltage	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment				
MOUNTAIN PASSECEP SUB	8030	115kV	-	5,567	73,192	78,759	-	-	-	-	5,567	73,192	Non-ISO		
RANDOLPHCEP SUB	8031	115kV	-	-	-	42,906	-	-	-	-	-	42,906	Non-ISO		
SEARLESCEP SUB	8033	115kV	-	-	-	858,603	871,733	-	-	12,120	858,603	871,733	Non-ISO		
SANTA ROSACEP SUB	8036	115kV	-	-	-	720,080	720,080	-	-	-	-	720,080	Non-ISO		
HOLGATECEP SUB	8041	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
CALCECTIC SUB (CEP)	8042	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
GARNETT SUB	8044	115kV	-	-	-	135,943	135,943	-	-	-	-	135,943	Non-ISO		
PUREWATER SUB	8059	115kV	-	-	-	31,948	31,948	-	-	-	-	31,948	Non-ISO		
WHIRLWIND SUB	8060	500kV	-	-	-	1,434	1,434	-	-	-	-	1,434	Non-ISO		
TIFFANYWIND SUB	8064	115kV	-	-	-	42,101	42,101	-	-	-	-	42,101	Non-ISO		
CARDON	8072	115kV	88,409	-	-	-	88,409	-	-	88,409	-	-	Non-ISO		
PIVETLER SUB	8073	115kV	-	-	-	21,160	21,160	-	-	-	-	21,160	Non-ISO		
SN BRDNO SWITCHCK	8079 & 1999	220kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
NUDOL RAILROAD CHYNNIEW	8077	33kV & Below	-	-	-	7,662	7,662	-	-	-	-	7,662	Non-ISO		
AQUEDUCT SUB	8079	115kV	4,973	-	-	1,017	5,990	-	-	4,973	-	-	1,017	Non-ISO	
CUALCO SUB	8086	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
HELPERIA SUB	8087	115kV	-	-	-	10,187	10,187	-	-	-	-	10,187	Non-ISO		
SHANDON SUB	8093	115kV	-	-	-	118,322	118,322	-	-	-	-	118,322	Non-ISO		
ARROWHEAD SUB	8094	115kV	-	-	-	469,114	469,114	-	-	-	-	469,114	Non-ISO		
MARSHCHING SUB	8096	115kV	-	-	-	6,720	6,720	-	-	-	-	6,720	Non-ISO		
DUNN DOWNS SUB	8097	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO		
ESENHOWER SUB	8098	115kV	-	-	-	372,006	372,006	-	-	-	-	372,006	Non-ISO		
AMARGO SUB	8102	33kV & Below	735	29,566	-	972,027	1,002,328	-	-	735	29,566	972,027	Non-ISO		
AMBOY SUB	8103	33kV & Below	-	-	-	33,699	33,699	-	-	-	-	33,699	Non-ISO		
FARRELL SUB	8104	115kV	55,706	63,285	-	535,979	535,979	55,706	63,285	-	55,706	63,285	Non-ISO		
APPLE VALLEY SUB	8105	115kV	5,648	29,057	-	2,871	37,575	5,648	29,057	-	5,648	29,057	Non-ISO		
ABNEY SUB	8106	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO		
BARSTOW SUB	8110	33kV & Below	1,279	45,769	-	4,097,129	4,144,177	1,279	45,769	-	1,279	45,769	Non-ISO		
BLUTH SUB	8113	33kV & Below	4,124	1,011,824	-	7,643,475	8,659,423	4,124	1,011,824	-	4,124	1,011,824	Non-ISO		
BRYSAN SUB	8117	33kV & Below	237	36,850	-	934,437	971,525	237	36,850	-	237	36,850	Non-ISO		
CABAZON SUB	8118	33kV & Below	46,675	210,006	-	2,337,120	2,407,640	46,675	210,006	-	46,675	210,006	Non-ISO		
CADY SUB	8119	33kV & Below	203	54,480	-	774,527	829,209	203	54,480	-	203	54,480	Non-ISO		
MILITARY SUB	8120	33kV & Below	-	8,387	-	707,266	715,653	-	8,387	-	-	707,266	Non-ISO		
CANTILL SUB	8121	33kV & Below	98	3,796	-	309,599	309,599	98	3,796	-	98	3,796	Non-ISO		
CATHEDRAL CITY SUB	8123	33kV & Below	661	27,262	-	2,641,710	2,669,633	661	27,262	-	661	27,262	Non-ISO		
CHALK SPRINGS SUB	8124	33kV & Below	3,159	157,115	-	2,062,978	2,223,252	3,159	157,115	-	3,159	157,115	Non-ISO		
CHASE 1 SUB	8126	33kV & Below	-	-	-	197,655	197,655	-	-	-	-	197,655	Non-ISO		
CONVERSE PLAYS SUB	8130	33kV & Below	-	52,619	-	178,813	228,432	-	52,619	-	-	178,813	Non-ISO		
CAL CITY SUB	8132	33kV & Below	29,661	209,895	-	5,968,942	6,208,498	29,661	209,895	-	29,661	209,895	Non-ISO		
DAGGETT SUB	8133	33kV & Below	259	-	-	99,447	99,706	259	-	-	-	99,447	Non-ISO		
DESERT OUTPOST SUB	8136	33kV & Below	10,454	28,924	-	1,491,015	1,491,015	10,454	28,924	-	10,454	28,924	Non-ISO		
DOWNS SUB	8137	115kV	513,494	227,824	-	3,520,479	4,271,397	513,494	227,824	-	513,494	227,824	Non-ISO		
PORT IRWIN SUBSTATION	8138	33kV & Below	-	-	-	80,729	80,729	-	-	-	-	80,729	Non-ISO		
DUNES SUB	8139	33kV & Below	-	9,651	-	882,298	891,949	-	9,651	-	-	882,298	Non-ISO		
AST BARSTOW SUB	8140	33kV & Below	1,368	7,639	-	314,001	314,001	1,368	7,639	-	1,368	7,639	Non-ISO		
VENT SUB	8141	33kV & Below	-	-	-	8,593	8,593	-	-	-	-	8,593	Non-ISO		
EDGEWORTH SUB	8143	33kV & Below	1,173	6,569	-	2,761	10,494	1,173	6,569	-	-	2,761	Non-ISO		
FOREST HOME SUB	8148	33kV & Below	-	92,489	-	683,794	776,283	-	92,489	-	-	683,794	Non-ISO		
GEORGE AIR FORCE BASE SUB	8149	33kV & Below	13,868	241	-	323,010	332,010	13,868	241	-	13,868	241	Non-ISO		
SUNSHINE SWITCHYARD SUB	8150	66kV	-	959,010	-	1,231,716	2,727,705	-	959,010	-	-	1,231,716	Non-ISO		
GLEN AVON SUB	8151	66kV	94,930	816,533	-	9,642,594	10,554,056	94,930	816,533	-	94,930	816,533	Non-ISO		
GLEN VY SUB	8152	33kV & Below	2,658	17,740	-	264,618	285,016	2,658	17,740	-	2,658	17,740	Non-ISO		
GLDSTON SUB	8154	33kV & Below	-	-	-	248,337	248,337	-	-	-	-	248,337	Non-ISO		
NUCKET SUB	8156	33kV & Below	12,402	726,659	-	8,070,772	8,070,772	12,402	726,659	-	12,402	726,659	Non-ISO		
EL SCRABANT SUB	8159	33kV & Below	13,384	1,368,001	-	7,879,879	9,261,863	13,384	1,368,001	-	13,384	1,368,001	Non-ISO		
HARPER LAKE SUB	8160	33kV & Below	73	13,980	-	71	13,980	73	13,980	-	73	13,980	Non-ISO		
HARVARD SUB	8161	33kV & Below	854	14,232	-	290,036	305,122	854	14,232	-	-	290,036	Non-ISO		
DIFFRAN SUB	8162	33kV & Below	916	111,815	-	1,822,128	1,943,899	916	111,815	-	916	111,815	Non-ISO		
HELENDALE SUB	8163	33kV & Below	277	13,948	-	1,029,627	1,043,575	277	13,948	-	-	1,029,627	Non-ISO		
HIMET SUB	8164	33kV & Below	2,925	887,587	-	3,848,918	4,739,430	2,925	887,587	-	2,925	887,587	Non-ISO		
HUNTLY SUB	8167	33kV & Below	286	68,407	-	2,228,160	2,296,564	286	68,407	-	-	2,228,160	Non-ISO		
IRTEFWIND SUB	8168	33kV & Below	834	55,577	-	60,664	60,664	834	55,577	-	-	60,664	Non-ISO		
INYOCKEN TOWN SUB	8170	33kV & Below	674	76,131	-	323,541	400,345	674	76,131	-	-	323,541	Non-ISO		
COFFEY SUB	8171	33kV & Below	27,719	310,816	-	9,274,574	9,611,109	27,719	310,816	-	27,719	310,816	Non-ISO		
JOHALL TREE SUB	8172	33kV & Below	320	148,309	-	2,295,884	2,444,213	320	148,309	-	-	2,295,884	Non-ISO		
KEMPTER SUB	8176	33kV & Below	5,029	1,940	-	415,468	427,618	5,029	1,940	-	-	415,468	Non-ISO		
LAKEVIEW SUB	8179	115kV	491,100	-	-	491,100	491,100	491,100	-	-	491,100	-	Non-ISO		
MINNICOLA SUB	8190	33kV & Below	198	39,231	-	1,385,631	1,385,631	198	39,231	-	-	1,385,631	Non-ISO		
FALCON RIDGE SUB	8191	66kV	-	8,974,038	-	39,923,910	48,897,947	-	8,974,038	-	-	39,923,910	Non-ISO		
MORERO SUB	8193	115kV	4,352	88,391	-	2,446,609	2,539,351	4,352	88,391	-	-	2,446,609	Non-ISO		
MURRIETA 2 SUB	8195	33kV & Below	97,543	1,814,611	-	1,814,611	1,814,611	97,543	1,814,611	-	-	1,814,611	Non-ISO		
MURRIETA SUB	8196	66kV	-	2,411,588	-	2,411,588	2,411,588	-	2,411,588	-	-	2,411,588	Non-ISO		
SOUTHCAP SUB	8197	115kV	121,569	301,177	-	181,607	482,746	121,569	301,177	-	-	181,607	Non-ISO		
MUSCOY SUB	8198	33kV & Below	13	66,705	-	415,637	482,356	13	66,705	-	-	415,637	Non-ISO		
SOUTHDOWN SUBSTATION	8199	115kV	-	34,000	-	563,604	597,604	-	34,000	-	-	563,604	Non-ISO		
BELDING SUB	8204	33kV & Below	1,128,493	2,640,536	-	1,128,493	2,640,536	1,128,493	2,640,536	-	-	1,128,493	Non-ISO		
NORTH INTAKE SUB	8205	33kV & Below	-	71,001	-	1,523,996	1,594,996	-	71,001	-	-	1,523,996	Non-ISO		
NORTH MURCOK SUB	8206	33kV & Below	130	-	-	338,833	338,863	130	-	-	-	338,833	Non-ISO		
HOLDAV SUB	8207	115kV	1,031	88,468	-	2,780,063	2,869,526	1,031	88,468	-	-	2,780,063	Non-ISO		
NEUVO SUB	8209	33kV & Below	879	-	-	879	879	879	-	-	-	879	Non-ISO		
OLIVE LA															

SOUTHERN CALIFORNIA EDISON COMPANY
12-31-2020 Facilities
DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			A/C 360-362 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 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
BREA SUBSTATION	8802	66kV	308,988	501,676	8,099,920	8,910,584	-	-	-	308,988	501,676	8,099,920	Non-ISO	
SAFARI SUBSTATION	8803	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LIMESTONE	8804	66kV	60,389	302,713	13,211,821	13,574,924	-	-	-	60,389	302,713	13,211,821	Non-ISO	
CHP 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	-	33,797	3,498,917	3,532,714	-	-	-	-	33,797	3,498,917	Non-ISO	
ONEIL SUBSTATION	8810	66kV	12,956	780,597	9,520,206	10,313,759	-	-	-	12,956	780,597	9,520,206	Non-ISO	
COTYEN SUBSTATION	8811	66kV	-	21,202	493,799	515,001	-	-	-	-	21,202	493,799	Non-ISO	
ORCOGREN SUBSTATION	8812	66kV	192	10,132	245,775	256,118	-	-	-	192	10,132	245,775	Non-ISO	
SHELL WESTERN(BREA) SUB	8813	66kV	-	6,787	242,458	249,245	-	-	-	-	6,787	242,458	Non-ISO	
JOHNAIR 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	
WESBAIN 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	-	253,909	308,064	-	-	-	14,155	-	253,909	Non-ISO	
DUCTIE 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	2,694,866	2,983,873	-	-	-	-	289,008	2,694,866	Non-ISO	
STEVEDORE SUB	8831	66kV	-	72,650	1,069,896	1,142,545	-	-	-	-	72,650	1,069,896	Non-ISO	
SRP SUBSTATION	8832	66kV	-	153,063	2,961,851	3,114,913	-	-	-	-	153,063	2,961,851	Non-ISO	
WHAM SUBSTATION	8833	66kV	-	331,030	2,115,961	2,446,991	-	-	-	-	331,030	2,115,961	Non-ISO	
PROCESS SUBSTATION	8834	66kV	-	360,469	3,492,223	3,849,692	-	-	-	-	360,469	3,492,223	Non-ISO	
HOLLYWOOD PARK	8836	66kV	-	-	473,724	473,724	-	-	-	-	-	473,724	Non-ISO	
MAVIO EASTSIDE RES	8956	115kV	-	-	26,094	26,094	-	-	-	-	-	26,094	Non-ISO	
PROPERTY SVCS-GO1	9033	2lv Offices & Mts	-	8,380	-	8,380	-	-	-	-	8,380	-	Non-ISO	
TRANS/SUB SUPPORT SERV	9047	2lv Offices & Mts	-	-	27,426	27,426	-	-	-	-	-	27,426	Non-ISO	
INFO TECH-GO2	9077	2lv Offices & Mts	-	6,299	-	6,299	-	-	-	-	6,299	-	Non-ISO	
IRVINE OPER CENTER	9078	Misc	-	11,760	-	11,760	-	-	-	-	11,760	-	Non-ISO	
VENTURA CORP WH	9135	-	-	6,953	-	6,953	-	-	-	-	6,953	-	Non-ISO	
IRVINGDALE BUSINESS CENTER	9188	-	-	8,867	-	8,867	-	-	-	-	8,867	-	Non-ISO	
PROP SVCS SIERRA REGION	9231	2lv Offices & Mts	-	9,257	85,363	94,620	-	-	-	-	9,257	85,363	Non-ISO	
RPA-S NRTYSHIRE REC AREA	9235	-	-	86,612	-	86,612	-	-	-	-	86,612	-	Non-ISO	
ALHAMBRA COMBO FACILITY	9297	-	-	514,945	-	514,945	-	-	-	-	514,945	-	Non-ISO	
ALHAMBRA COMM SITE	9300	-	-	-	51,730	51,730	-	-	-	-	-	51,730	Non-ISO	
TECOPA PEAK COMM SITE	9304	33kV & Below	-	-	8,044	8,044	-	-	-	-	-	8,044	Non-ISO	
TELCOM-ALHAMBRA	9310	Misc	89,786	-	(12,897)	76,889	-	-	-	89,786	-	(12,897)	Non-ISO	
METERING/METROLOGY/ADMIN	9430	2lv Offices & Mts	-	10,623	-	10,623	-	-	-	-	10,623	-	Non-ISO	
WESTMINSTER FENWICK BLDG	9440	2lv Offices & Mts	-	3,179	-	3,179	-	-	-	-	3,179	-	Non-ISO	
BLACK JACK COMM SITE	9522	-	-	-	3,047	3,047	-	-	-	-	-	3,047	Non-ISO	
BLUE MTN COMM SITE	9557	-	-	-	12,709	12,709	-	-	-	-	-	12,709	Non-ISO	
BIG CRK NO.1 GARAGE	9621	-	-	137,973	-	137,973	-	-	-	-	137,973	-	Non-ISO	
SAN JACQUIN VALLEY GARAGE	9651	-	-	65,408	-	65,408	-	-	-	-	65,408	-	Non-ISO	
PALM SPRGS GARAGE	9679	66kV	-	35,107	-	35,107	-	-	-	-	35,107	-	Non-ISO	
CTALINA COMMON UTIL PLNT	9805	2lv Offices & Mts	-	-	-	-	-	-	-	-	-	-	Non-ISO	
No Desc	9970	220kV	-	-	823	823	-	-	-	-	-	823	Non-ISO	
PLANT ACCTG-MISC. LEDGER	9900	2lv Offices & Mts	4,313	-	-	4,313	-	-	-	4,313	-	-	Non-ISO	
COASTAL DIV SUB	5200	-	-	-	1,660	1,660	-	-	-	-	-	1,660	Non-ISO	
THRIVE SUBSTATION	8134	33kV & Below	-	203,895	560,527	764,422	-	-	-	-	203,895	560,527	Non-ISO	
WARNER GENERATING PLANT	9122	220kV	-	36,994	-	36,994	-	-	-	-	36,994	-	Non-ISO	
TELECOMM ALHAMBRA	9130	Misc	-	-	150,623	150,623	-	-	-	-	-	150,623	Non-ISO	
Total Distribution Substations			5129,613,197	\$ 844,613,530	\$ 3,106,963,772	\$ 4,081,190,499	\$ -	\$ -	\$ -	\$ 129,613,197	\$ 844,613,530	\$ 3,106,963,772		

ISO/Non-ISO/Mix Summary	Non-ISO Total	129,613,197	844,613,530	3,106,963,772	4,081,190,499	-	-	-	129,613,197	844,613,530	3,106,963,772
Mix Total	-	-	-	-	-	-	-	-	-	-	-
Check	129,613,197	844,613,530	3,106,963,772								