

**SOUTHERN CALIFORNIA EDISON COMPANY**

## Transmission/Distribution ISO Facilities Study

12-31-2022 Facilities

\$

**Transmission**

	<b>Total Plant FERC Form 1</b>	<b>Total Plant</b>	<b>ISO Plant</b>	<b>ISO % of Total</b>
<b>Land (Substation and Line)</b>				
350	\$379,687,530	\$379,687,530	\$278,004,205	73.22%
<b>Substation</b>				
352	1,398,451,729	1,398,451,730	905,947,635	64.78%
353	7,695,764,722	7,695,764,722	4,413,849,878	57.35%
<b>Total Substation</b>	9,094,216,451	9,094,216,453	5,319,797,513	58.50%
<b>Lines</b>				
354	2,598,053,334	2,598,053,334	2,498,952,321	96.19%
355	2,365,912,988	2,365,912,986	632,230,698	26.72%
356	2,191,977,444	2,191,977,444	1,693,990,750	77.28%
357	330,140,963	330,140,963	215,308,527	65.22%
358	437,739,243	437,739,243	58,752,899	13.42%
359	251,650,170	251,650,170	226,348,866	89.95%
<b>Total Lines</b>	8,175,474,142	8,175,474,139	5,325,584,061	65.14%
<b>Total Transmission</b>	<b>\$17,649,378,123</b>	<b>\$17,649,378,122</b>	<b>\$10,923,385,779</b>	<b>61.9%</b>

**Distribution**

	<b>Total Plant FERC Form 1</b>	<b>Total Plant</b>	<b>ISO Plant</b>	<b>ISO % of Total</b>
<b>Land:</b>				
360	\$130,716,113	\$130,716,113	-	0.00%
<b>Structures:</b>				
361	950,757,411	950,757,411	-	0.00%
362	3,463,676,916	3,463,676,916	-	0.00%
<b>Total Structures</b>	4,414,434,327	4,414,434,327	-	0.00%
<b>Total Distribution</b>	<b>\$4,545,150,440</b>	<b>\$4,545,150,439</b>	<b>-</b>	<b>0.00%</b>
<b>Total Transmission &amp; Distribution</b>	<b>\$22,194,528,563</b>	<b>\$22,194,528,561</b>	<b>\$10,923,385,779</b>	<b>49.2%</b>

## Southern California Edison Company

Summary of ISO Facility Gross Plant  
High/Low Voltage Split  
12-31-2022 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
<b>Transmission Lines:</b>								
1000 kV T Lines	95,571,935	-	95,571,935	-	-	95,571,935	-	-
500 kV T Lines	3,089,038,834	125,643,974	2,963,394,859	125,643,974	-	2,963,394,859	-	-
230 kV T Lines	2,089,961,337	95,791,717	1,994,169,620	95,791,717	-	1,994,169,620	-	-
161 kV T Lines	3,211,218	33,310	3,177,908	-	33,310	-	3,177,908	-
115 kV T Lines	203,791,232	5,401,628	198,389,605	-	5,401,628	-	198,389,605	-
66 kV T Lines	32,014,329	601,565	31,412,765	-	601,565	-	31,412,765	-
55 kV T Lines	34,262,155	197,689	34,064,466	-	197,689	-	34,064,466	-
<b>Total Transmission Lines</b>	<b>5,547,851,040</b>	<b>227,669,882</b>	<b>5,320,181,158</b>	<b>221,435,691</b>	<b>6,234,191</b>	<b>5,053,136,414</b>	<b>267,044,744</b>	<b>-</b>
<b>Substations:</b>								
High Voltage Substations (750 kV, 500kV, 220kV)	4,807,488,968	32,239,015	4,775,249,953	32,239,015	-	4,775,249,953	-	-
<b>Straddle Substations:</b>								
Antelope	226,333,436	21,968	226,311,468	19,486	2,482	188,883,196	24,057,518	13,370,755
Bailey	41,956,566	111,063	41,845,503	65,885	45,179	21,668,236	14,858,493	5,318,774
Eagle Mountain	19,306,086	-	19,306,086	-	-	5,979,334	366,903	12,959,848
Kramer	47,126,112	40,755	47,085,356	29,519	11,236	24,910,748	9,481,888	12,692,721
Ivanpah	46,491,656	-	46,491,656	-	-	19,035,958	21,879,161	5,576,537
Victor	112,887,364	17,503	112,869,861	7,311	10,192	38,934,378	54,276,324	19,659,159
<b>Total Straddle Substations</b>	<b>494,101,220</b>	<b>191,290</b>	<b>493,909,930</b>	<b>122,201</b>	<b>69,089</b>	<b>299,411,850</b>	<b>124,920,287</b>	<b>69,577,794</b>
Low Voltage Substations (Less Than 220kV)	68,541,648	17,904,018	50,637,630	-	17,904,018	-	50,637,630	-
<b>Total Substations</b>	<b>5,370,131,836</b>	<b>50,334,323</b>	<b>5,319,797,513</b>	<b>32,361,216</b>	<b>17,973,107</b>	<b>5,074,661,803</b>	<b>175,557,917</b>	<b>69,577,794</b>
<b>Total Lines and Substations</b>	<b>10,917,982,877</b>	<b>278,004,205</b>	<b>10,639,978,671</b>	<b>253,796,908</b>	<b>24,207,298</b>	<b>10,127,798,217</b>	<b>442,602,661</b>	<b>69,577,794</b>

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

Gross Plant that can be determined HV/LV	High Voltage	Low Voltage	Total
Land	253,796,908	24,207,298	278,004,205
Structures	10,127,798,217	442,602,661	10,570,400,878
Total Determined HV/LV	10,381,595,125	466,809,958	10,848,405,083
Percentage:	95.697%	4.303%	100.000%
Transformers	66,583,841	2,993,952	69,577,794
<b>Total HV &amp; LV Gross Plant</b>	<b>10,448,178,966</b>	<b>469,803,911</b>	<b>10,917,982,877</b>

**Southern California Edison Company**

Summary of ISO Facility Gross Plant

High/Low Voltage Mix Summary

12-31-2022 Facilities

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Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV	Total
<b>500/220/66, 220/66, 220/161, or 220/115 kV Substations</b>							
Antelope	5052	19,486	2,482	188,883,196	24,057,518	13,370,755	226,333,436
Bailey	5059	65,885	45,179	21,668,236	14,858,493	5,318,774	41,956,566
Eagle Mountain	5040	-	-	5,979,334	366,903	12,959,848	19,306,086
Ivanpah	8363	-	-	19,035,958	21,879,161	5,576,537	46,491,656
Kramer	5042 & 8046	29,519	11,236	24,910,748	9,481,888	12,692,721	47,126,112
Victor	8049	7,311	10,192	38,934,378	54,276,324	19,659,159	112,887,364
<b>Total Straddle Substations</b>		122,201	69,089	299,411,850	124,920,287	69,577,794	494,101,220

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2022 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353  TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non- ISO/Mix/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
BIG CREEK NO.4	2236	220kV	-	41,031	6,320,275	6,361,305	-	41,031	6,320,275	-	-	-	ISO	High
INYO	2570	220kV	-	381,661	7,832,063	8,213,724	-	381,661	7,832,063	-	-	-	ISO	High
METRO GOM MAINT	5001	500kV	-	-	54,268,231	54,268,231	-	-	54,268,231	-	-	-	ISO	High
HARBORGEN SUB	5019	220kV	-	85,990	4,133,377	4,219,366	-	85,990	4,133,377	-	-	-	ISO	High
EL SEGUNDO SWITCHRACK SUB	5026	220kV	12,470	1,760,622	8,451,868	10,224,960	12,470	1,760,622	8,451,868	-	-	-	ISO	High
MIDWAY SUB	5032	500kV	-	482,282	14,655,240	15,137,522	-	482,282	14,655,240	-	-	-	ISO	High
PASTORIA SUB	5036	220kV	21,435	2,474,228	19,499,447	21,995,111	21,435	2,474,228	19,499,447	-	-	-	ISO	High
SYCAMORE SUB	5039	220kV	-	-	22,357	22,357	-	-	-	-	-	22,357	Non-ISO	
CLWTR SWITCHRACKS 1,2	5044	115kV	-	-	1,476,690	1,476,690	-	-	1,476,690	-	-	-	ISO	Low
MOHAVE SWITCHRACK	5045	500kV	-	3,993,597	21,274,240	25,267,837	-	3,993,597	21,274,240	-	-	-	ISO	High
RANCHO VISTA SUB	5047	500kV	1,844,367	24,976,893	157,780,381	184,601,641	1,844,367	24,976,893	157,780,381	-	-	-	ISO	High
SYLMAR SUB	5058	220kV	-	22,786	1,948,141	1,970,927	-	22,786	1,948,141	-	-	-	ISO	High
LUGO SUB	5061	500kV	90,981	42,474,920	161,250,151	203,816,052	90,981	42,474,920	161,250,151	-	-	-	ISO	High
PISGAH SUB	5065	220kV	-	648,364	5,308,445	5,956,810	-	648,364	5,308,445	-	-	-	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	32,507,709	212,926,651	246,666,286	1,096,122	28,924,152	189,454,389	135,804	3,583,556	23,472,262	MIX	High
SERRANO SUB	5080	500kV	1,226,475	46,216,582	216,642,101	264,085,157	1,226,475	46,216,582	216,642,101	-	-	-	ISO	High
LEWIS SUB	5089	220kV	1,444	352,755	5,409,584	5,763,783	1,444	352,755	5,409,584	-	-	-	ISO	High
EL DORADO SUB(NEVADA)	5090	500kV	13,183	56,481,437	236,700,102	293,194,721	13,183	56,481,437	236,700,102	-	-	-	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	51,493,854	53,291,309	-	1,797,455	51,493,854	-	-	-	ISO	High
EAST SERIES CAPACITORS 1	5094	500kV	-	870,601	17,283,690	18,154,291	-	870,601	17,283,690	-	-	-	ISO	High
PALO VERDE SWITCHRACK SUB	5097	500kV	-	489,646	10,545,580	11,035,226	-	489,646	10,545,580	-	-	-	ISO	High
MIDWAY-PAC INTERTIE	8932	500kV	-	162,585	13,930,693	14,093,278	-	162,585	13,930,693	-	-	-	ISO	High
PARDEE-PAC INTERTIE	8950	220kV	-	55,269	942,130	997,399	-	55,269	942,130	-	-	-	ISO	High
SYLMAR-PAC INTERTIE	8958	220kV	51,663	7,768,618	225,423,826	233,244,107	51,663	7,768,618	225,423,826	-	-	-	ISO	High
EDISON ITAC	1451	Misc	-	-	35,855	35,855	-	-	-	-	-	35,855	Non-ISO	
EL SEGUNDO GEN. STATION	1510	220kV	-	83,831	2,450	86,280	-	-	-	-	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	1936	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	-	-	-	-	-	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	4,548,375	4,594,686	-	-	-	-	46,311	4,548,375	Non-ISO	
EASTWOOD POWER STATION	2239	33kV & Below	-	678,338	5,194,285	5,872,623	-	-	-	-	678,338	5,194,285	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	801,552	802,935	-	-	-	-	1,383	801,552	Non-ISO	
SANTA ANA NO.1	2315	33kV & Below	-	-	762,817	762,817	-	-	-	-	-	762,817	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	-	-	48,507	48,507	-	-	-	-	-	48,507	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	33kV & Below	-	-	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	5,942,945	6,260,572	-	-	-	-	317,627	5,942,945	Non-ISO	
POOLE	2512	33kV & Below	-	3,693	510,698	514,392	-	-	-	-	3,693	510,698	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	-	-	43,037	43,037	-	-	-	-	-	43,037	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	52,264	53,607	-	-	-	-	1,343	52,264	Non-ISO	
CASA DIABLO	2557	115kV	2,119	442,110	9,702,719	10,146,947	-	-	-	2,119	442,110	9,702,719	Non-ISO	
LEE VINING	2561	115kV	344	-	2,302,338	2,586,678	-	-	-	344	283,997	2,302,338	Non-ISO	
SHERWIN	2571	115kV	-	100,772	2,013,970	2,114,741	-	-	-	-	100,772	2,013,970	Non-ISO	
ZACK	2582	55kV	400,881	-	344,073	744,954	-	-	-	400,881	-	344,073	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 INDAL 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	
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	

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2022 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353  TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non- ISO/Mix/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	8,541,091	8,733,743	-	-	-	158,170	34,483	8,541,091	Non-ISO	
SAUGUS SUB	5051	220kV	13,373	5,163,756	80,790,881	85,968,011	-	-	-	13,373	5,163,756	80,790,881	Non-ISO	
CAMINO SUB	5068	220kV	-	54,471	4,222,649	4,277,120	-	-	-	-	54,471	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	4,962,212	5,246,068	-	-	-	21,660	262,196	4,962,212	Non-ISO	
TRITON SUB	5095	115kV	2,415,092	2,377,770	26,609,450	31,402,312	-	-	-	2,415,092	2,377,770	26,609,450	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	-	24,152	-	24,152	-	-	-	-	24,152	-	Non-ISO	
THUMSGEN SUBSTATION	5112	66kV	-	-	2,049	2,049	-	-	-	-	-	2,049	Non-ISO	
BELVEDERE SUB	5114	33kV & Below	-	77,349	-	77,349	-	-	-	-	77,349	-	Non-ISO	
EATON SUB	5115	66kV	-	27,833	-	27,833	-	-	-	-	27,833	-	Non-ISO	
RUSH SUB	5116	66kV	-	19,241	-	19,241	-	-	-	-	19,241	-	Non-ISO	
FEDERALGEN SUB	5120	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	Non-ISO	
GARFIELD SUB	5121	66kV	-	54,966	-	54,966	-	-	-	-	54,966	-	Non-ISO	
GRANADA SUB	5126	33kV & Below	-	15,937	-	15,937	-	-	-	-	15,937	-	Non-ISO	
LA CANADA SUB	5130	66kV	-	9,588	-	9,588	-	-	-	-	9,588	-	Non-ISO	
MONROVIA SUB	5134	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
GENAMIC SUB	5139	66kV	-	5,739	-	5,739	-	-	-	-	5,739	-	Non-ISO	
ROSEMEAD SUB	5141	66kV	-	38,757	22	38,779	-	-	-	-	38,757	22	Non-ISO	
SAN GABRIEL SUB	5142	66kV	-	23,648	-	23,648	-	-	-	-	23,648	-	Non-ISO	
DUARTE SUB	5150	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
JOSE SUB	5152	66kV	-	51,570	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	-	2,466	17,195	19,662	-	-	-	-	2,466	17,195	Non-ISO	
REPETTO SUB	5164	66kV	-	17,757	-	17,757	-	-	-	-	17,757	-	Non-ISO	
JPL SUB	5165	66kV	-	-	3,666	3,666	-	-	-	-	-	3,666	Non-ISO	
MAYFLOWER SUB	5167	33kV & Below	-	149,676	91,972	241,647	-	-	-	-	149,676	91,972	Non-ISO	
TEMPLE SUB	5170	33kV & Below	-	23,448	17,367	40,816	-	-	-	-	23,448	17,367	Non-ISO	
BRADBURY SUB	5171	66kV	-	123,485	-	123,485	-	-	-	-	123,485	-	Non-ISO	
VAIL SUB	5175	66kV	-	15,470	-	15,470	-	-	-	-	15,470	-	Non-ISO	
KIMBALL SUBSTATION	5176	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
KIRKWALL SUBSTATION	5178	66kV	3,995	-	-	3,995	-	-	-	3,995	-	-	Non-ISO	
RAVENDALE SUB	5179	66kV	-	154,829	-	154,829	-	-	-	-	154,829	-	Non-ISO	
CITRUS SUB	5185	66kV	-	-	37,984	37,984	-	-	-	-	-	37,984	Non-ISO	
CORTEZ SUB	5186	66kV	-	16,955	31,589	48,544	-	-	-	-	16,955	31,589	Non-ISO	
DALTON SUB	5188	66kV	-	82,794	-	82,794	-	-	-	-	82,794	-	Non-ISO	
RAILROAD SUB	5196	66kV	-	71,448	-	71,448	-	-	-	-	71,448	-	Non-ISO	
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	25,705	2,046,562	2,072,267	-	-	-	-	25,705	2,046,562	Non-ISO	
BEVERLY HILLS SUB	5201	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CULVER CITY SUB	5204	66kV	-	61,263	-	61,263	-	-	-	-	61,263	-	Non-ISO	
SEPULVEDA SUB	5207	66kV	-	41,604	-	41,604	-	-	-	-	41,604	-	Non-ISO	
HOWARD SUB	5210	66kV	-	33,804	17,431	51,234	-	-	-	-	33,804	17,431	Non-ISO	
INGLEWOOD SUB	5211	66kV	-	304,708	-	304,708	-	-	-	-	304,708	-	Non-ISO	
LENNOX SUB	5213	66kV	-	281,905	12,693	294,598	-	-	-	-	281,905	12,693	Non-ISO	
MADRID SUB	5215	33kV & Below	-	575	-	575	-	-	-	-	575	-	Non-ISO	
MANHATTAN SUB	5216	33kV & Below	-	10,762	-	10,762	-	-	-	-	10,762	-	Non-ISO	
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	
MOBILOIL SUB	5229	66kV	-	3,652	-	3,652	-	-	-	-	3,652	-	Non-ISO	
SANTA MONICA SUB	5231	66kV	-	19,277	-	19,277	-	-	-	-	19,277	-	Non-ISO	
VICTORIA SUB	5232	66kV	-	162,536	-	162,536	-	-	-	-	162,536	-	Non-ISO	
WALTERIA SUB	5233	66kV	-	29,599	-	29,599	-	-	-	-	29,599	-	Non-ISO	
WINDSOR HILLS SUB	5235	66kV	-	58,264	17,508	75,772	-	-	-	-	58,264	17,508	Non-ISO	
VALDEZ SUB	5236	66kV	-	-	24,710	24,710	-	-	-	-	-	24,710	Non-ISO	
LAWNDALE SUB	5238	33kV & Below	-	44,342	-	44,342	-	-	-	-	44,342	-	Non-ISO	
CRATER SUB	5239	66kV	-	-	9,057	9,057	-	-	-	-	-	9,057	Non-ISO	
YUKON SUB	5241	66kV	4,415	-	-	4,415	-	-	-	4,415	-	-	Non-ISO	
COLORADO SUB	5242	66kV	-	40,181	-	40,181	-	-	-	-	40,181	-	Non-ISO	
TOPANGA SUB	5243	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DITMAR SUB	5246	66kV	-	8,977	-	8,977	-	-	-	-	8,977	-	Non-ISO	
SAWTELLE SUB	5250	66kV	-	59,249	-	59,249	-	-	-	-	59,249	-	Non-ISO	
ROLLING HILLS SUB	5252	66kV	-	27,085	-	27,085	-	-	-	-	27,085	-	Non-ISO	
HAVEDA SUB	5254	33kV & Below	-	30,118	-	30,118	-	-	-	-	30,118	-	Non-ISO	
LUNADA SUB	5255	33kV & Below	-	8,090	-	8,090	-	-	-	-	8,090	-	Non-ISO	
BRIDGE SUB	5257	66kV	-	14,957	-	14,957	-	-	-	-	14,957	-	Non-ISO	
STIRRUP SUB	5259	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
COLOSSUS SUB	5260	66kV	-	-	7,141	7,141	-	-	-	-	-	7,141	Non-ISO	
CREST SUB	5264	66kV	-	15,678	-	15,678	-	-	-	-	15,678	-	Non-ISO	
SPACE SUB	5267	66kV	-	21,278	-	21,278	-	-	-	-	21,278	-	Non-ISO	
TOPAZ SUB	5268	66kV	-	29,219	-	29,219	-	-	-	-	29,219	-	Non-ISO	
TAHITI SUB	5271	66kV	-	23,749	-	23,749	-	-	-	-	23,749	-	Non-ISO	
LATIGO SUB	5272	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
STANHILL SUB	5273	66kV	-	-	0.01	0	-	-	-	-	-	0	Non-ISO	
GALAXY SUB	5274	66kV	-	8,898	-	8,898	-	-	-	-	8,898	-	Non-ISO	
MARYMOUNT SUB	5275	66kV	-	4,862	-	4,862	-	-	-	-	4,862	-	Non-ISO	
WESTHILL SUB	5278	66kV	-	54,242	-	54,242	-	-	-	-	54,242	-	Non-ISO	
PALOGEN SUB	5282	66kV	-	42,738	-	42,738	-	-	-	-	42,738	-	Non-ISO	
CHEVCENTRAL SUB	5295	66kV	-	9,975	-	9,975	-	-	-	-	9,975	-	Non-ISO	
BIG CREEK 2	5302	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DELANO SUB	5305	66kV	-	60,018	-	60,018	-	-	-	-	60,018	-	Non-ISO	
EARLIMART	5306	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
GLENNVILLE SUB	5308	66kV	-	55,476	-	55,476	-	-	-	-	55,476	-	Non-ISO	

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2022 Facilities  
TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353  TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non-ISO/Mix/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
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	
PIXLEY SUB	5321	66kV	-	18,619	-	18,619	-	-	-	-	18,619	-	Non-ISO	
POPLAR SUB	5322	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PORTERVILLE SUB	5323	66kV	-	80,195	-	80,195	-	-	-	-	80,195	-	Non-ISO	
STRATHMORE SUB	5325	66kV	-	-	14,882	-	-	-	-	-	-	14,882	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	
GREENHORN SUB	5339	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
ISABELLA SUB	5347	66kV	73,306	-	-	73,306	-	-	-	73,306	-	-	Non-ISO	
THREE RIVERS SUB	5350	66kV	-	28,746	-	28,746	-	-	-	-	28,746	-	Non-ISO	
BOXWOOD SUB	5351	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627	-	-	-	-	-	9,627	Non-ISO	
KERNVILLE SUB	5356	66kV	-	18,935	-	18,935	-	-	-	-	18,935	-	Non-ISO	
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-	801,825	-	-	Non-ISO	
MASCOT SUBSTATION	5375	66kV	573,588	6,991	-	580,578	-	-	-	573,588	6,991	-	Non-ISO	
CANWIND SUB	5405	66kV	-	-	9,895	9,895	-	-	-	-	-	9,895	Non-ISO	
ENWIND SUB	5406	66kV	-	11,023	29,527	40,550	-	-	-	-	11,023	29,527	Non-ISO	
MORWIND SUB	5409	66kV	-	-	6,367	6,367	-	-	-	-	-	6,367	Non-ISO	
FLOWIND SUB	5410	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
ARBWIND SUB	5411	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SILVER PEAK SUB	5412	55kV	-	-	79,333	79,333	-	-	-	-	-	79,333	Non-ISO	
DUTCHWIND SUB	5414	66kV	-	12,069	7,801	19,870	-	-	-	-	12,069	7,801	Non-ISO	
OAKWIND SUB	5415	66kV	-	-	23,342	23,342	-	-	-	-	-	23,342	Non-ISO	
MIDWIND SUB	5424	66kV	-	-	23,000	23,000	-	-	-	-	-	23,000	Non-ISO	
CASITAS SUB	5504	66kV	-	-	(251)	(251)	-	-	-	-	-	(251)	Non-ISO	
CHANNEL ISLANDS SUB	5506	66kV	-	116,483	-	116,483	-	-	-	-	116,483	-	Non-ISO	
ORTEGA SUB	5507	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-	-	5,566	-	Non-ISO	
MODOC SUB	5520	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
OJAI SUB	5526	66kV	-	13,050	-	13,050	-	-	-	-	13,050	-	Non-ISO	
SANTA BARBARA SUB	5531	66kV	-	40,153	-	40,153	-	-	-	-	40,153	-	Non-ISO	
CHARMIN SUB	5535	66kV	-	-	33,913	33,913	-	-	-	-	-	33,913	Non-ISO	
VENTURA SUB	5538	33kV & Below	-	52,173	-	52,173	-	-	-	-	52,173	-	Non-ISO	
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-	-	-	3,072	Non-ISO	
CORUM SUB	5547	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SAN FERNANDO SUB	5550	66kV	-	10,675	-	10,675	-	-	-	-	10,675	-	Non-ISO	
CHATSWORTH SUB	5555	66kV	-	43,900	-	43,900	-	-	-	-	43,900	-	Non-ISO	
NEWBURY SUB	5557	66kV	-	-	692,110	692,110	-	-	-	-	-	692,110	Non-ISO	
GRISWOLD SUB	5562	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PLAYA SUB	5565	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
VEGAS SUB	5570	66kV	5,801	-	-	5,801	-	-	-	5,801	-	-	Non-ISO	
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-	-	-	118,097	Non-ISO	
NEWHALL SUB	5576	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
POTRERO SUB	5597	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
RANDALL SUB	5601	66kV	-	20,403	56,150	76,552	-	-	-	-	20,403	56,150	Non-ISO	
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-	-	1,760	-	Non-ISO	
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-	Non-ISO	
CARDIFF SUB	5608	66kV	-	117,952	-	117,952	-	-	-	-	117,952	-	Non-ISO	
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-	-	20,750	-	Non-ISO	
DECLEZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-	-	-	23,032	Non-ISO	
FLANCO SUB	5616	33kV & Below	-	22,342	-	22,342	-	-	-	-	22,342	-	Non-ISO	
FIREHOUSE SUB	5618	66kV	-	6,520	-	6,520	-	-	-	-	6,520	-	Non-ISO	
HIGHLAND SUB	5619	66kV	-	59,490	-	59,490	-	-	-	-	59,490	-	Non-ISO	
BLOOMINGTON SUB	5620	66kV	-	49,005	-	49,005	-	-	-	-	49,005	-	Non-ISO	
HUSTON SUB	5621	33kV & Below	-	45,573	-	45,573	-	-	-	-	45,573	-	Non-ISO	
NORCO SUB	5624	33kV & Below	-	66,934	-	66,934	-	-	-	-	66,934	-	Non-ISO	
PEDLEY SUB	5626	66kV	-	22,868	-	22,868	-	-	-	-	22,868	-	Non-ISO	
TENNESSEE SUB	5628	66kV	-	44,558	-	44,558	-	-	-	-	44,558	-	Non-ISO	
REDLANDS SUB	5629	66kV	-	29,558	21,359	50,917	-	-	-	-	29,558	21,359	Non-ISO	
GRAPELAND PEAKER SUB	5630	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	7,606	Non-ISO	
STODDARD SUB	5632	33kV & Below	-	113,131	-	113,131	-	-	-	-	113,131	-	Non-ISO	
SAN DIMAS SUB	5633	66kV	-	19,651	-	19,651	-	-	-	-	19,651	-	Non-ISO	
UPLAND SUB	5635	66kV	-	21,532	-	21,532	-	-	-	-	21,532	-	Non-ISO	
YUCAIPA SUB	5636	66kV	-	31,005	-	31,005	-	-	-	-	31,005	-	Non-ISO	
TIPPECANOE SUB	5637	33kV & Below	-	21,769	-	21,769	-	-	-	-	21,769	-	Non-ISO	
FRANCIS SUB	5639	66kV	-	59,194	-	59,194	-	-	-	-	59,194	-	Non-ISO	
LAYFAIR SUB	5645	66kV	-	189,720	-	189,720	-	-	-	-	189,720	-	Non-ISO	
COLTON CEMENT SUB	5646	66kV	-	43,167	-	43,167	-	-	-	-	43,167	-	Non-ISO	
LINDE AIR SUB	5650	66kV	-	15,935	-	15,935	-	-	-	-	15,935	-	Non-ISO	
AMERON SUB	5652	66kV	-	-	531,131	531,131	-	-	-	-	-	531,131	Non-ISO	
REDUCTION SUB	5654	66kV	-	34,835	-	34,835	-	-	-	-	34,835	-	Non-ISO	
NOGALES SUB	5655	66kV	-	16,835	525,170	542,005	-	-	-	-	16,835	525,170	Non-ISO	
BAIN SUB	5656	66kV	-	704	-	704	-	-	-	-	704	-	Non-ISO	
PIPE SUB	5658	66kV	-	32,989	-	32,989	-	-	-	-	32,989	-	Non-ISO	
ARCHIBALD SUB	5659	66kV	-	-	206,393	206,393	-	-	-	-	-	206,393	Non-ISO	
RUNNING SPRINGS SUB	5661	33kV & Below	-	31,398	-	31,398	-	-	-	-	31,398	-	Non-ISO	
WIMBLEDON SUB	5664	66kV	-	1,282	17,343	18,626	-	-	-	-	1,282	17,343	Non-ISO	
ARCHLINE SUB	5667	66kV	-	12,856	-	12,856	-	-	-	-	12,856	-	Non-ISO	
CRESTMORE SUB	5668	66kV	-	14,975	-	14,975	-	-	-	-	14,975	-	Non-ISO	
DEL ROSA SUB	5670	66kV	-	-	17,327	17,327	-	-	-	-	-	17,327	Non-ISO	
WHIPPLE SUB	5674	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LANDING SUB	5678	66kV	-	57,591	-	57,591	-	-	-	-	57,591	-	Non-ISO	
DIAMOND BAR SUB	5680	66kV	-	-	49,398	49,398	-	-	-	-	-	49,398	Non-ISO	
CUDAHY SUB	5714	66kV	-	85,156	-	85,156	-	-	-	-	85,156	-	Non-ISO	
FRUITLAND SUB	5718	66kV	-	12,712	-	12,712	-	-	-	-	12,712	-	Non-ISO	

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/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
FREMONT SUB	5720	66kV	-	6,957	-	6,957	-	-	-	-	6,957	-	Non-ISO	
PICO SUBSTATION	5722	66kV	-	105,305	-	105,305	-	-	-	-	105,305	-	Non-ISO	
HATHAWAY SUB	5726	66kV	-	37,411	-	37,411	-	-	-	-	37,411	-	Non-ISO	
ATHENS SUBSTATION	5727	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LOCUST SUBSTATION	5735	33kV & Below	-	61,853	-	61,853	-	-	-	-	61,853	-	Non-ISO	
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-	-	-	114,340	Non-ISO	
THUMS "B" SUBSTATION	5742	66kV	-	23,963	-	23,963	-	-	-	-	23,963	-	Non-ISO	
SOMERSET SUBSTATION	5754	66kV	-	55,761	-	55,761	-	-	-	-	55,761	-	Non-ISO	
BULLIS SUBSTATION	5756	66kV	-	33,172	-	33,172	-	-	-	-	33,172	-	Non-ISO	
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-	-	-	3,790	Non-ISO	
DAISY SUBSTATION	5766	33kV & Below	-	30,708	-	30,708	-	-	-	-	30,708	-	Non-ISO	
LUCAS SUBSTATION	5771	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DAVIDSON CITY	5779	33kV & Below	-	6,957	-	6,957	-	-	-	-	6,957	-	Non-ISO	
NEPTUNE SUBSTATION	5781	66kV	-	-	3,984	3,984	-	-	-	-	-	3,984	Non-ISO	
HEDDA SUB	5784	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-	-	-	17,255	Non-ISO	
BOVINE SUBSTATION	5788	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SEABRIGHT SUBSTATION	5790	66kV	-	29,034	-	29,034	-	-	-	-	29,034	-	Non-ISO	
MOVIE SUBSTATION	5798	66kV	-	1,963	17,658	19,621	-	-	-	-	1,963	17,658	Non-ISO	
VERA SUBSTATION	5801	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BRYAN SUBSTATION	5808	66kV	-	62,236	-	62,236	-	-	-	-	62,236	-	Non-ISO	
CHIQUEITA SUBSTATION	5811	66kV	-	-	58,207	58,207	-	-	-	-	-	58,207	Non-ISO	
MURPHY SUB	5812	66kV	-	20,469	-	20,469	-	-	-	-	20,469	-	Non-ISO	
CARMENITA SUBSTATION	5814	66kV	-	14,314	128,669	142,984	-	-	-	-	14,314	128,669	Non-ISO	
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-	-	93,280	-	Non-ISO	
FAIRVIEW SUBSTATION	5821	66kV	-	37,527	-	37,527	-	-	-	-	37,527	-	Non-ISO	
WAVE SUBSTATION	5828	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-	-	-	17,125	Non-ISO	
LA MIRADA SUBSTATION	5834	66kV	-	52,769	-	52,769	-	-	-	-	52,769	-	Non-ISO	
MORRO SUBSTATION	5836	66kV	-	47,115	-	47,115	-	-	-	-	47,115	-	Non-ISO	
NARROWS SUB	5838	66kV	-	16,683	-	16,683	-	-	-	-	16,683	-	Non-ISO	
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101	58,101	-	-	-	-	-	58,101	Non-ISO	
ORANGE SUBSTATION	5843	66kV	-	32,505	-	32,505	-	-	-	-	32,505	-	Non-ISO	
SANTA ANA SUBSTATION	5849	33kV & Below	-	534,161	-	534,161	-	-	-	-	534,161	-	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	33kV & Below	-	4,087	-	4,087	-	-	-	-	4,087	-	Non-ISO	
ESTRELLA SUBSTATION	5865	66kV	-	-	41,148	41,148	-	-	-	-	-	41,148	Non-ISO	
SHAWNEE SUBSTATION	5869	66kV	-	50,680	-	50,680	-	-	-	-	50,680	-	Non-ISO	
LA PALMA SUBSTATION	5873	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-	11,308	-	-	Non-ISO	
PIONEER SUB	5886	66kV	-	6,944	-	6,944	-	-	-	-	6,944	-	Non-ISO	
BORREGO SUBSTATION	5887	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TELEGRAPH SUB	5892	66kV	-	12,346	96,987	109,334	-	-	-	-	12,346	96,987	Non-ISO	
PASSONS SUB	5893	66kV	-	3,215	-	3,215	-	-	-	-	3,215	-	Non-ISO	
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384	-	-	-	-	-	21,384	Non-ISO	
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177	-	-	-	4,664,177	-	-	Non-ISO	
ORANGE COUNTY REGION	6002	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
RIALTO COMB FAC. BLDG B&C	6011	Div Offices & Misc	-	2,770	-	2,770	-	-	-	-	2,770	-	Non-ISO	
CENTRAL ORANGE COUNTY DIS	6029	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
VENTURA S/C	6039	33kV & Below	-	566,817	-	566,817	-	-	-	-	566,817	-	Non-ISO	
BISHOP SERVICE CENTER	6085	33kV & Below	-	10,853	-	10,853	-	-	-	-	10,853	-	Non-ISO	
IMPERIAL COUNTY	7013	115kV	-	-	1,702	1,702	-	-	-	-	-	1,702	Non-ISO	
ROADWAY(CEP)	8000	115kV	110,643	972,123	16,665,747	17,748,513	17,163	126,150	2,609,849	93,480	845,974	14,055,897	Mix	Low
PAUBA(CEP) SUB	8003	115kV	106,825	948,872	11,405,870	12,461,567	-	-	-	106,825	948,872	11,405,870	Non-ISO	
THORNHILL(CEP) SUB	8004	115kV	25,609	996,193	9,977,748	10,999,549	-	-	-	25,609	996,193	9,977,748	Non-ISO	
STADLER(CEP) SUB	8005	115kV	139,611	1,131,358	12,466,696	13,737,666	-	-	-	139,611	1,131,358	12,466,696	Non-ISO	
RIVERTEX SUBSTATION	8007	115kV	-	124,407	-	124,407	-	-	-	-	124,407	-	Non-ISO	
PAN AERO (CEP) SUB	8009	115kV	-	-	668,910	727,708	-	-	-	-	58,798	668,910	Non-ISO	
PHELAN(CEP) SUB	8010	115kV	154,446	791,024	12,317,654	13,263,123	-	-	-	154,446	791,024	12,317,654	Non-ISO	
BANWIND SUBSTATION	8011	115kV	-	-	35,320	35,320	-	-	-	-	-	35,320	Non-ISO	
APPLE VALLEY(CEP) SUB	8013	115kV	-	1,389,452	10,473,162	11,862,614	-	-	-	-	1,389,452	10,473,162	Non-ISO	
BUNKER(CEP) SUB	8014	115kV	969,397	1,517,116	16,317,469	18,803,982	-	-	-	969,397	1,517,116	16,317,469	Non-ISO	
FARREL(CEP) SUB	8016	115kV	-	715,679	13,346,970	14,062,649	-	-	-	-	715,679	13,346,970	Non-ISO	
CONCHO(CEP) SUB	8017	115kV	285,201	1,069,714	9,613,080	10,967,995	-	-	-	285,201	1,069,714	9,613,080	Non-ISO	
AULD(CEP) SUB	8018	115kV	83,538	1,248,278	20,224,044	21,555,859	-	-	-	83,538	1,248,278	20,224,044	Non-ISO	
MAXWELL(CEP) SUB	8019	115kV	33,940	530,026	12,004,887	12,568,853	-	-	-	33,940	530,026	12,004,887	Non-ISO	
SAVAGE(CEP) SUB	8020	115kV	29,280	1,477,177	14,737,644	16,244,101	-	-	-	29,280	1,477,177	14,737,644	Non-ISO	
PEPPER(CEP) SUB	8021	115kV	17,579	512,277	10,846,484	11,376,339	-	-	-	17,579	512,277	10,846,484	Non-ISO	
YUCCA(CEP) SUB	8022	115kV	19,474	666,241	11,822,378	12,508,094	-	-	-	19,474	666,241	11,822,378	Non-ISO	
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	41,871	912,016	953,886	-	-	-	-	41,871	912,016	Non-ISO	
ALESSANDRO(CEP) SUB	8024	115kV	45,514	2,732,789	25,888,260	28,666,563	-	-	-	45,514	2,732,789	25,888,260	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	16,634,417	18,241,041	-	-	-	20,210	1,586,414	16,634,417	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	-	1,985,276	21,664,365	23,649,641	-	-	-	-	1,985,276	21,664,365	Non-ISO	
HI DESERT(CEP) SUB	8029	115kV	1,154,541	2,612,000	18,805,490	22,572,031	-	-	-	1,154,541	2,612,000	18,805,490	Non-ISO	
MOUNTAIN PASS(CEP) SUB	8030	115kV	70,286	49,796	4,599,291	4,719,373	-	-	-	70,286	49,796	4,599,291	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	7,319,519	7,432,050	-	-	-	-	112,531	7,319,519	Non-ISO	
ZANJA(CEP) SUB	8035	115kV	152,559	1,723,775	9,593,799	11,470,132	-	-	-	152,559	1,723,775	9,593,799	Non-ISO	
SANTA ROSA(CEP) SUB	8036	115kV	44,689	802,463	21,722,353	22,569,505	-	-	-	44,689	802,463	21,722,353	Non-ISO	
NELSON(CEP) SUB	8038	115kV	22,819	1,337,012	14,804,334	16,164,165	-	-	-	22,819	1,337,012	14,804,334	Non-ISO	
HOMART(CEP) SUB	8039	115kV	174,875	665,463	5,785,095	6,625,433	-	-	-	174,875	665,463	5,785,095	Non-ISO	
HOLGATE(CEP) SUB	8041	115kV	27,167	405,785	2,858,479	3,291,430	-	-	-	27,167	405,785	2,858,479	Non-ISO	
CALECTRIC SUB (CEP)	8042	115kV	27,870	2,639,595	23,488,552	26,156,017	-	-	-	27,870	2,639,595	23,488,552	Non-ISO	

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353  TOTAL	ISO RELATED			NON-ISO RELATED PLANT			ISO/Non- ISO/Mix/Trans Line	High / Low / Straddle Voltage
			A/C 350	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		
GARNET SUB	8044	115kV	34,673	1,742,542	18,213,639	19,990,854	-	-	-	34,673	1,742,542	18,213,639	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	8,062,137	8,126,844	-	-	-	-	64,707	8,062,137	Non-ISO	
SN ONOFRE SWTHRCK-100%SCE	8055	220kV	-	1,796,202	12,436,922	14,233,124	-	-	-	-	1,796,202	12,436,922	Non-ISO	
PUREWATER SUB	8059	115kV	-	175,506	1,357,312	1,532,818	-	-	-	-	175,506	1,357,312	Non-ISO	
WHIRLWIND SUB	8060	500kV	-	37,440,808	200,548,839	237,989,647	-	37,440,808	200,548,839	-	-	-	ISO	High
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	
ALBERHILL SUB	8065	500kV	1,285,900	-	-	1,285,900	673,812	-	-	612,088	-	-	Mix	High
NUSED GALE	8067	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CARODEAN	8072	115kV	-	1,594,106	15,774,986	17,369,092	-	-	-	-	1,594,106	15,774,986	Non-ISO	
IVYGLEN SUB	8073	115kV	166,697	2,179,684	17,116,719	19,463,100	-	-	-	166,697	2,179,684	17,116,719	Non-ISO	
COOL WATER SWITCHRACK 1,2	8074	220kV	-	61,762	1,925,128	1,986,890	-	50,924	1,395,458	-	10,838	529,670	Mix	High
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,813,749	1,999,511	-	-	-	7,139	178,624	1,813,749	Non-ISO	
SUN CITY(NEW)	8078	115kV	119,513	1,940,310	10,421,347	12,481,170	-	-	-	119,513	1,940,310	10,421,347	Non-ISO	
AQUEDUCT SUB	8079	115kV	2,880	937,785	11,494,755	12,435,419	-	-	-	2,880	937,785	11,494,755	Non-ISO	
MENTONE SUB	8082	115kV	161,883	971,971	7,628,194	8,762,048	-	-	-	161,883	971,971	7,628,194	Non-ISO	
HIGHWIND SUB	8084	220kV	-	6,985,990	4,145,964	11,131,954	-	6,985,990	4,145,964	-	-	-	ISO	High
CAJALCO SUB	8086	115kV	25,836	1,003,523	11,493,421	12,522,780	-	-	-	25,836	1,003,523	11,493,421	Non-ISO	
HESPERIA SUB	8087	115kV	22,150	549,922	12,727,463	13,299,535	-	-	-	22,150	549,922	12,727,463	Non-ISO	
SKYLARK SUB	8088	115kV	81,206	2,645,794	14,321,068	17,048,069	-	-	-	81,206	2,645,794	14,321,068	Non-ISO	
MAYBERRY SUB	8089	115kV	23,090	681,721	17,064,090	17,768,900	-	-	-	23,090	681,721	17,064,090	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	1,760,772	11,595,378	13,398,423	-	-	-	42,272	1,760,772	11,595,378	Non-ISO	
ARROWHEAD SUB	8094	115kV	-	540,962	6,278,276	6,819,237	-	-	-	-	540,962	6,278,276	Non-ISO	
STETSON SUB	8095	115kV	23,493	1,164,874	9,830,861	11,019,227	-	-	-	23,493	1,164,874	9,830,861	Non-ISO	
MARSCINO SUB	8096	115kV	27,809	1,636,175	11,326,951	12,990,936	-	-	-	27,809	1,636,175	11,326,951	Non-ISO	
DUNN SIDING SUB	8097	115kV	4,913	140,330	901,027	1,046,269	-	-	-	4,913	140,330	901,027	Non-ISO	
EISENHOWER SUB	8098	115kV	189,886	831,781	13,336,403	14,358,070	-	-	-	189,886	831,781	13,336,403	Non-ISO	
TAMARISK SUB	8099	115kV	125,967	474,245	16,568,087	17,168,299	-	-	-	125,967	474,245	16,568,087	Non-ISO	
AMARGO SUB	8102	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
AMBOY SUB	8103	33kV & Below	-	41,774	-	41,774	-	-	-	-	41,774	-	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	-	40,911	-	40,911	-	-	-	-	40,911	-	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	17,139,102	22,996,117	-	-	-	82,401	5,774,614	17,139,102	Non-ISO	
FORT IRWIN SUBSTATION	8138	33kV & Below	-	104,892	-	104,892	-	-	-	-	104,892	-	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	
SUNSHINE SWITCHYARD SUB	8150	66kV	-	11,776	-	11,776	-	-	-	-	11,776	-	Non-ISO	
GLEN IVY SUB	8152	33kV & Below	-	15,642	27,225	42,866	-	-	-	-	15,642	27,225	Non-ISO	
NUGGET SUB	8156	33kV & Below	-	38,810	-	38,810	-	-	-	-	38,810	-	Non-ISO	
EL SOBRANTE SUB	8159	33kV & Below	-	24,846	-	24,846	-	-	-	-	24,846	-	Non-ISO	
HARVARD SUB	8161	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
DEFRAIN SUB	8162	33kV & Below	-	41,774	-	41,774	-	-	-	-	41,774	-	Non-ISO	
HELENDALE SUB	8163	33kV & Below	-	15,110	81,054	96,165	-	-	-	-	15,110	81,054	Non-ISO	
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	-	209,778	1,283,195	1,492,973	-	-	-	-	209,778	1,283,195	Non-ISO	
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725	-	-	-	-	-	5,725	Non-ISO	
MORENO SUB	8193	115kV	104,923	786,407	6,346,547	7,237,877	-	-	-	104,923	786,407	6,346,547	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	
PEERLESS SUB	8216	33kV & Below	-	-	7,635	7,635	-	-	-	-	-	7,635	Non-ISO	
GAVILAN SUB	8219	33kV & Below	-	29,892	-	29,892	-	-	-	-	29,892	-	Non-ISO	
LUCERNE SUB	8220	33kV & Below	-	13,167	-	13,167	-	-	-	-	13,167	-	Non-ISO	
RANCHO SUB	8222	33kV & Below	-	6,894	2,107	9,001	-	-	-	-	6,894	2,107	Non-ISO	
RIALTO SUB	8225	33kV & Below	-	17,716	30,776	48,492	-	-	-	-	17,716	30,776	Non-ISO	
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438	-	-	-	-	-	17,438	Non-ISO	
RUBIDOUX SUB	8231	33kV & Below	-	6,317	-	6,317	-	-	-	-	6,317	-	Non-ISO	
SAN JACINTO SUB	8234	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SILVER SPUR SUB	8238	33kV & Below	-	8,994	-	8,994	-	-	-	-	8,994	-	Non-ISO	
SIXTEENTH STREET SUB	8239	33kV & Below	-	34,308	-	34,308	-	-	-	-	34,308	-	Non-ISO	
SUNNY DUNES SUB	8244	33kV & Below	-	13,259	-	13,259	-	-	-	-	13,259	-	Non-ISO	
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236	-	-	-	-	-	4,236	Non-ISO	
THUNDERBIRD SUB	8251	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TRONA SUB	8252	33kV & Below	-	6,499	-	6,499	-	-	-	-	6,499	-	Non-ISO	



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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/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
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	-	17,764	21,919	39,683	-	-	-	-	17,764	21,919	Non-ISO	
IRON MT SCE	8273	33kV & Below	-	8,651	-	8,651	-	-	-	-	8,651	-	Non-ISO	
CORONA SUB	8279	66kV	-	5,855	-	5,855	-	-	-	-	5,855	-	Non-ISO	
GALE SUB	8283	115kV	-	533,657	5,405,641	5,939,299	-	-	-	-	533,657	5,405,641	Non-ISO	
GOLD HILL SUB	8294	33kV & Below	-	6,894	-	6,894	-	-	-	-	6,894	-	Non-ISO	
TORTILLA SUB	8295	115kV	-	48,114	-	48,114	-	-	-	-	48,114	-	Non-ISO	
FORGE SUB	8297	66kV	-	28,209	-	28,209	-	-	-	-	28,209	-	Non-ISO	
BUCKWIND	8301	115kV	-	38,186	752,092	790,277	-	-	-	-	38,186	752,092	Non-ISO	
CAPWIHND	8302	115kV	-	29,827	575,051	604,878	-	-	-	-	29,827	575,051	Non-ISO	
RENWIND	8303	115kV	-	51,653	806,250	857,902	-	-	-	-	51,653	806,250	Non-ISO	
SANWIND	8304	115kV	-	-	408,189	408,189	-	-	-	-	-	408,189	Non-ISO	
TRANSWIND	8305	115kV	-	25,366	1,061,136	1,086,501	-	-	-	-	25,366	1,061,136	Non-ISO	
VENWIND	8306	115kV	-	26,170	2,314,603	2,340,774	-	-	-	-	26,170	2,314,603	Non-ISO	
ALTWIND	8308	115kV	-	1,022	921	1,943	-	-	-	-	1,022	921	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	6,214	432,703	439,450	-	-	-	532	6,214	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	
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	
SOPORT	8340	115kV	-	42,538	654,012	696,550	-	-	-	-	42,538	654,012	Non-ISO	
NEWCOMB	8342	115kV	51,172	1,318,127	11,941,044	13,310,343	-	-	-	51,172	1,318,127	11,941,044	Non-ISO	
ELSinORE	8343	115kV	20,961	1,435,426	18,719,153	20,175,539	-	-	-	20,961	1,435,426	18,719,153	Non-ISO	
SOUTH BASE SUB	8344	115kV	12,179	172,017	2,017,154	2,201,350	-	-	-	12,179	172,017	2,017,154	Non-ISO	
INDIAN WELLS SUB	8345	115kV	222,600	954,064	14,192,396	15,369,061	-	-	-	222,600	954,064	14,192,396	Non-ISO	
PECHANGA SUB	8347	115kV	560,579	1,276,125	14,081,820	15,918,524	-	-	-	560,579	1,276,125	14,081,820	Non-ISO	
MORAGA	8348	115kV	40,720	745,980	20,182,644	20,969,344	-	-	-	40,720	745,980	20,182,644	Non-ISO	
TANKER SUBSTATION	8351	115kV	120	4,440	935,204	939,764	-	-	-	120	4,440	935,204	Non-ISO	
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193	-	-	-	-	-	151,193	Non-ISO	
AFG SUBSTATION	8354	115kV	-	78,655	1,082,686	1,161,340	-	-	-	-	78,655	1,082,686	Non-ISO	
RECTIFIER SUB	8357	115kV	-	5,170	1,098,304	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	1,699,133	4,796,344	6,586,596	-	-	-	91,119	1,699,133	4,796,344	Non-ISO	
CALDWELL SUBSTATION	8360	220kV	-	30,789	-	30,789	-	-	-	-	30,789	-	Non-ISO	
MOVAL SUBSTATION	8362	115kV	-	128,640	663,664	792,304	-	-	-	-	128,640	663,664	Non-ISO	
SANDLOT SUB	8370	220kV	-	973,459	4,058,098	5,031,556	-	-	-	-	973,459	4,058,098	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	19,128,452	31,107,160	-	11,978,708	19,128,452	-	-	-	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	-	-	27,725	27,725	-	-	-	-	-	27,725	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	
HOLLYWOOD PARK	8836	66kV	-	16,794	-	16,794	-	-	-	-	16,794	-	Non-ISO	
EAST TRANSITION	8860	500kV	-	7,537,209	8,688,222	16,225,430	-	7,537,209	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	-	7,367,506	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	-	-	103,401,940	103,401,940	-	-	-	-	-	103,401,940	Non-ISO	
INFO TECH-GO2	9077	Div Offices & Misc	-	-	9,285,586	9,285,586	-	-	-	-	-	9,285,586	Non-ISO	
GENERAL OFFICE #5 - GO5	9201	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PROP SVCS-SN GBRL VAL REG	9285	Div Offices & Misc	-	-	37,054	37,054	-	-	-	-	-	37,054	Non-ISO	
REAL PROP-LAND SVCS-STHRN	9287	Misc	-	12,869	-	12,869	-	-	-	-	12,869	-	Non-ISO	
ALHAMBRA COMM SITE	9300	Misc	-	-	9,775	9,775	-	-	-	-	-	9,775	Non-ISO	
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 ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-	631	-	-	Non-ISO	
CUMMINGS SUB	5357	66kV	53,193	-	119,219	172,412	-	-	-	53,193	-	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 SUR SUB	5508	66kV	-	-	424,747	424,747	-	-	-	-	-	424,747	Non-ISO	
GOLDTOWN SUB	5511	66kV	-	-	526,259	526,259	-	-	-	-	-	526,259	Non-ISO	
LANCASTER SUB	5514	66kV	-	-	1,071,949	1,071,949	-	-	-	-	-	1,071,949	Non-ISO	
LITTLE ROCK SUB	5518	66kV	-	-	1,690,353	1,690,353	-	-	-	-	-	1,690,353	Non-ISO	
SHUTTLE SUB	5522	66kV	-	-	911,750	911,750	-	-	-	-	-	911,750	Non-ISO	
REDMAN WUB	5530	66kV	-	89,829	275,391	365,220	-	-	-	-	89,829	275,391	Non-ISO	
ANAVERDE SUB	5539	66kV	-	-	76,359	76,359	-	-	-	-	-	76,359	Non-ISO	
ROSAMOND SUB	5541	66kV	-	66,626	652,233	718,859	-	-	-	-	66,626	652,233	Non-ISO	
PIUTE SUB	5545	66kV	-	11,023	149,257	160,280	-	-	-	-	11,023	149,257	Non-ISO	
OASIS SUB	5548	66kV	-	-	397,008	397,008	-	-	-	-	-	397,008	Non-ISO	
CAL CEMENT SUB	5553	66kV	-	15,551	367,757	383,308	-	-	-	-	15,551	367,757	Non-ISO	
PALMDALE SUB	5564	66kV	-	-	644,295	644,295	-	-	-	-	-	644,295	Non-ISO	
QUARTZ HILL SUB	5566	66kV	-	19,046	220,467	239,513	-	-	-	-	19,046	220,467	Non-ISO	
HELJETZ SUB	5599	66kV	-	-	499,396	499,396	-	-	-	-	-	499,396	Non-ISO	

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			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		
RITTER SUB	8504	66kV	942,487	17,386	-	959,873	-	-	-	942,487	17,386	-	Non-ISO	
BIG CREEK NO.1	2211	220kV	-	277,659	13,946,471	14,224,130	-	159,393	7,997,658	-	118,266	5,948,813	Mix	High
BIG CREEK NO.8	2229	220kV	-	282,649	4,214,845	4,497,494	-	168,500	2,512,665	-	114,149	1,702,180	Mix	High
BIG CREEK NO.3	2230	220kV	-	2,536,133	21,139,535	23,675,668	-	1,872,085	15,604,466	-	664,048	5,535,069	Mix	High
CONTROL STATION	2556	115kV	-	1,661,309	15,845,359	17,506,668	-	1,269,905	12,428,430	-	391,405	3,416,929	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	4,970,799	36,688,786	41,679,198	3,602	912,269	6,739,650	16,011	4,058,530	29,949,136	Mix	High
MESA SUB	5012	220kV	2,031,347	151,330,464	441,059,438	594,421,250	1,392,012	93,750,675	312,193,491	639,336	57,579,790	128,865,947	Mix	High
RIO HONDO SUB	5013	220kV	457,530	10,756,642	89,489,845	100,704,017	113,769	2,674,738	22,252,529	343,760	8,081,903	67,237,317	Mix	High
WALNUT SUB	5014	220kV	97,955	7,370,402	65,417,584	72,885,942	30,599	2,302,316	20,434,698	67,356	5,068,086	44,982,886	Mix	High
GOULD SUB	5015	220kV	29,300	1,614,816	33,020,488	34,664,604	10,558	581,853	11,898,006	18,743	1,032,962	21,122,482	Mix	High
DRYCREEKWIND SUB	5018	220kV	-	(0.01)	0.01	-	-	-	-	-	(0)	0	Non-ISO	High
LA FRESA SUB	5021	220kV	101,370	15,617,924	139,482,681	155,201,975	25,164	4,974,892	33,526,705	76,206	10,643,032	105,955,976	Mix	High
EL NIDO SUB	5023	220kV	285,620	18,526,113	55,965,821	74,777,554	88,535	5,739,975	17,350,588	197,085	12,786,138	38,615,233	Mix	High
LA CIENEGA SUB	5024	220kV	2,100,227	6,748,000	53,213,405	62,061,632	522,536	1,644,301	13,274,097	1,577,690	5,103,699	39,939,309	Mix	High
ALAMITOS SWITCHCRACK SUB	5025	220kV	62,281	9,334,079	45,566,288	54,962,648	19,655	2,949,197	14,376,729	42,626	6,384,881	31,189,559	Mix	High
LG BCH SWITCHCRACK SUB	5027	220kV	97,213	1,384,839	8,805,098	10,287,150	32,698	465,801	2,961,657	64,515	919,039	5,843,440	Mix	High
REDONDO SWITCHCRACK SUB	5028	220kV	13,018	39,761	6,629,484	6,682,264	9,699	29,624	4,939,388	3,319	10,137	1,690,097	Mix	High
EDMONSTON SUBSTATION	5029	220kV	-	5,050	-	5,050	-	-	-	-	5,050	-	Non-ISO	
MAGUNDEN SUB	5031	220kV	8,363	6,346,173	24,304,849	30,659,386	7,860	5,964,767	22,844,122	503	381,407	1,460,728	Mix	High
RECTOR SUB	5033	220kV	394,843	34,597,715	128,836,303	163,828,862	214,906	18,803,540	70,108,995	179,937	15,794,175	58,727,308	Mix	High
SPRINGVILLE SUB	5034	220kV	12,198	3,736,069	56,037,326	59,785,593	4,651	1,369,055	21,421,125	7,547	2,367,013	34,616,201	Mix	High
VESTAL SUB	5035	220kV	7,243	1,894,795	60,431,126	62,333,164	3,561	929,140	29,712,659	3,682	965,656	30,718,467	Mix	High
OMAR SUB	5037	220kV	-	36,798	-	36,798	-	-	-	-	36,798	-	Non-ISO	
EAGLE MT. SUB	5040	220kV	-	670,868	36,345,371	37,016,239	-	315,432	18,990,654	-	355,436	17,354,717	Mix	Straddle
CIMA SUB	5043	220kV	1,824	201,261	4,509,643	4,712,727	146	12,992	362,999	1,678	188,269	4,146,644	Mix	High
MANDALAY SWITCHCRACK SUB	5048	220kV	49,104	172,482	6,931,193	7,152,779	-	-	-	49,104	172,482	6,931,193	Non-ISO	
PARDEE SUB	5050	220kV	970,263	18,598,959	60,714,591	80,283,813	896,816	17,198,620	56,110,999	73,448	1,400,340	4,603,592	Mix	High
ANTELOPE SUB	5052	500kV	21,983	9,028,780	217,436,638	226,487,401	21,968	9,023,059	217,288,409	15	5,720	148,229	Mix	Straddle
SANTA CLARA SUB	5053	220kV	140,739	5,159,898	62,644,152	67,944,789	39,034	1,431,085	17,374,196	101,706	3,728,813	45,269,956	Mix	High
GOLETA SUB	5055	220kV	236,194	7,556,983	43,532,750	51,325,926	63,260	2,022,638	11,660,776	172,934	5,534,344	31,871,974	Mix	High
MOORPARK SUB	5056	220kV	184,091	12,853,801	92,398,757	105,436,649	52,969	3,698,470	26,586,222	131,122	9,155,331	65,812,535	Mix	High
BAILEY SUB	5059	220kV	111,063	10,971,039	30,874,464	41,956,566	111,063	10,971,039	30,874,464	-	-	-	ISO	Straddle
PADUA SUB	5060	220kV	149,547	5,371,703	62,144,283	67,665,533	54,498	1,952,344	22,632,132	95,049	3,419,359	39,512,151	Mix	High
CHINO SUB	5062	220kV	34,437	22,791,083	141,802,701	164,628,221	10,718	13,035,245	38,194,783	23,718	9,755,838	103,607,918	Mix	High
JULIAN HINDS SUB	5063	220kV	-	1,890,578	24,239,779	26,130,358	-	1,874,487	24,033,470	-	16,091	206,309	Mix	High
VISTA SUB	5064	220kV	52,109	26,646,093	87,888,497	114,586,700	14,331	7,301,104	24,197,741	37,778	19,344,990	63,690,756	Mix	High
DEVERS SUB	5067	500kV	1,370,096	57,554,091	264,838,031	323,762,219	1,048,971	43,385,809	203,443,503	321,125	14,168,282	61,394,528	Mix	High
MIRA LOMA SUB	5069	500kV	474,735	65,480,553	247,184,237	313,139,525	387,385	53,397,547	201,739,377	87,351	12,083,005	45,444,860	Mix	High
HINSON SUB	5071	220kV	678,278	8,854,413	38,707,587	48,240,277	158,676	2,068,829	9,057,805	519,602	6,785,584	29,649,782	Mix	High
LIGHTHPE SUB	5073	220kV	164,680	14,964,193	40,245,606	55,374,479	58,202	5,276,622	14,235,964	106,478	9,687,571	26,009,642	Mix	High
LAGUNA BELL SUB	5074	220kV	131,263	3,271,551	76,857,951	80,260,765	33,425	801,316	19,603,291	97,837	2,470,236	57,254,661	Mix	High
DEL AMO SUB	5075	220kV	164,747	6,582,097	72,422,462	79,169,305	29,055	1,442,787	12,494,363	135,692	5,139,310	59,928,099	Mix	High
BARRE SUB	5081	220kV	86,188	6,963,504	84,682,525	91,732,217	26,444	2,101,239	26,018,074	59,744	4,862,265	58,664,451	Mix	High
VILLA PARK SUB	5082	220kV	270,570	7,239,286	80,941,014	88,450,870	61,842	1,560,596	18,604,839	208,728	5,678,689	62,336,175	Mix	High
VIEJO SUBSTATION	5083	220kV	13,285,971	9,225,366	35,309,891	57,821,229	3,334,581	2,397,171	8,780,517	9,951,390	6,828,195	26,529,375	Mix	High
CENTER SUB	5084	220kV	71,802	5,558,780	56,017,654	61,648,235	8,602	563,659	6,812,963	63,200	4,995,121	49,204,691	Mix	High
JOHANNA SUB	5085 & 5881	220kV	813,416	6,279,163	63,061,805	70,154,383	232,794	1,787,750	18,594,239	580,622	4,491,412	44,467,566	Mix	High
ELLIS SUB	5086	220kV	59,737	5,091,599	78,880,420	84,031,757	14,600	1,244,665	19,278,873	45,137	3,846,934	59,601,547	Mix	High
OLINDA SUB	5087	220kV	390,538	3,269,847	36,040,098	39,700,483	79,307	661,570	7,321,107	311,231	2,608,277	28,718,991	Mix	High
SANTIAGO SUB	5088	220kV	557,976	19,398,875	158,189,575	178,146,426	285,036	8,088,457	82,630,527	272,941	11,310,418	75,559,05		

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/Trans Line	High / Low / Straddle Voltage
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353		
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment		
33 AND 66 KV LINES	4105	66kV	34,171,159	20,572,635	13,093,715	67,837,509	601,565	362,170	230,508	33,569,594	20,210,465	12,863,207	Trans Line	
S/E DIV., 66KV LINES	4805	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COGEN/RENEW ENGY SOURCES	4106	115kV	688,130	-	-	688,130	-	-	-	688,130	-	-	Trans Line	
ANTELOPE/MESA LINE, OTHER	4107	220kV	4,278,569	1,337,192	4,424,314	10,040,076	4,278,569	1,337,192	4,424,314	-	-	-	Trans Line	
CHINO-SERRANO/SN ONFRE LN	4108	220kV	8,072,253	4,568,761	-	12,641,014	8,072,253	4,568,761	-	-	-	-	Trans Line	
VARIOUS 220KV LINES	4808	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COACHELLA VALLEY-DEVERS (SCE PORTION)	4109	220kV	-	25,255	-	25,255	-	25,255	-	-	-	-	Trans Line	
COACHELLA VALLEY - DEVERS 220 KV Line	4509	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CRK 3-BIG CRK 4	4111	220kV	1,944	-	-	1,944	-	-	-	1,944	-	-	Trans Line	
BIGCRK-SPRGVL, MGDN-SPRGV	4113	220kV	874,872	23,989	-	898,860	874,872	23,989	-	-	-	-	Trans Line	
ALAMITOS-MESA LN, OTHERS	4114	220kV	3,210,534	1,732,917	661,182	5,604,633	2,987,777	1,612,682	615,307	222,757	120,235	45,875	Trans Line	
HINSON-LIGHTHIPE 1&2	4115	220kV	1,607,024	616,675	2,149	2,225,848	1,607,024	616,675	2,149	-	-	-	Trans Line	
HINSON-LIGHTHIPE 1,2	4415	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
HINSON-LAFRESA, OTHERS	4116	220kV	3,594,552	702,801	2,065	4,299,418	3,431,762	670,972	1,971	162,790	31,828	94	Trans Line	
HINSON-LA FRESA	4416	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ELDRDO-CIMA-PISGAH LN1,2	4117	220kV	1,139,094	177,311	12,857	1,329,262	1,139,094	177,311	12,857	-	-	-	Trans Line	
MRA LMA-VLL PK LNS, OTHR	4118	220kV	5,611,464	1,342,498	33,582	6,987,545	5,611,464	1,342,498	33,582	-	-	-	Trans Line	
CENTER-MESA LN, OTHERS	4119	220kV	2,101,303	1,107,539	101	3,208,943	2,101,303	1,107,539	101	-	-	-	Trans Line	
ALAMITOS-CENTER, OTHERS	4120	220kV	4,380,988	922,031	905,123	6,208,142	3,972,924	836,149	820,816	408,063	85,882	84,307	Trans Line	
KERN RIVER #1-GORMAN 66KV	4202	66kV	-	1,430	-	1,430	-	-	-	-	1,430	-	Trans Line	
ALAMITOS-CENTER....	4420	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 4-SPRNGVLL-MGDN	4121	220kV	209,639	131,150	-	340,789	209,639	131,150	-	-	-	-	Trans Line	
LUGO-VINCENT LNES 1&2	4123	500kV	1,749,466	-	16,633	1,766,099	1,749,466	-	16,633	-	-	-	Trans Line	
BIG CRK 1-CMP TEN--PRTL	4124	66kV	485	-	-	485	-	-	-	485	-	-	Trans Line	
GOLETA-SNTA CLARA, OTHERS	4125	220kV	13,310,983	3,253,208	1,918	16,566,109	10,334,043	2,525,643	1,489	2,976,940	727,565	429	Trans Line	
NORTH BOULDER-MEAD, OTHER	4127	220kV	19,842	-	-	19,842	-	-	-	19,842	-	-	Trans Line	
KERN RIVER3-VESTAL 66 KV	4129	66kV	31,413	-	-	31,413	-	-	-	31,413	-	-	Trans Line	
MOHAVE-LUGO 500KV	4130	500kV	157,990	-	-	157,990	-	-	-	157,990	-	-	Trans Line	
CUMMINGS-KERBN RIV1, OTHE	4132	66kV	3,146	-	-	3,146	-	-	-	3,146	-	-	Trans Line	
BOREL-...-WALKER 66KV LN	4133	66kV	46,874	-	-	46,874	-	-	-	46,874	-	-	Trans Line	
LUGO-VICTOR LNS, OTHER	4135	220kV	2,610,303	164,862	-	2,775,166	1,435,675	90,675	-	1,174,628	74,188	-	Trans Line	
LUGO-ELDORADO LN	4136	500kV	1,330,373	-	-	1,330,373	1,330,373	-	-	-	-	-	Trans Line	
LUGO-ELDORADO LN	4137	500kV	16,589	-	-	16,589	-	-	-	-	-	-	Trans Line	
LUGO-MIRA LOMA 2&3	4138	500kV	9,748,980	3,188,928	98	12,938,005	9,724,000	3,180,757	98	24,979	8,171	0	Trans Line	
SPRGVLL-TULE 66KV LN	4139	66kV	517	-	-	517	-	-	-	517	-	-	Trans Line	
MOHAVE-LUGO 500 KV LN	4140	500kV	278,112	7,308	-	285,419	278,112	7,307.60	-	-	-	-	Trans Line	
MOHAVE-ELDORADO LN	4141	500kV	1,192,322	-	-	1,192,322	1,192,322	-	-	-	-	-	Trans Line	
BOREL-WELDON 66KV LN	4142	66kV	25,409	-	3,488	28,897	-	-	-	25,409	-	3,488	Trans Line	
ELDORADO-BORDER 500 KV LN	4143	500kV	6,167	-	-	6,167	6,167	-	-	-	-	-	Trans Line	
ELDORADO-MEAD LNS 1&2	4144	220kV	9,994	-	-	9,994	9,994	-	-	-	-	-	Trans Line	
VINCENT-PARDEE LN 2	4147	220kV	3,884,037	-	1,880	3,885,917	-	-	-	3,884,037	-	1,880	Trans Line	
MIRA LOMA-SERRANO LN	4148	500kV	1,733,248	-	-	1,733,248	1,733,248	-	-	-	-	-	Trans Line	
SANTA ANA LNS 1,2,3	4149	33kV & Below	232	-	-	232	-	-	-	232	-	-	Trans Line	
VINCENT-PEARBLOSSOM LN	4153	220kV	309,032	-	-	309,032	-	-	-	309,032	-	-	Trans Line	
LUGO-VICTORVLL EDSON-DWP	4154	500kV	748,544	51,478	-	800,021	748,544	51,478	-	-	-	-	Trans Line	
MIDWAY-VINCENT LN 3	4155	500kV	5,825,616	-	-	5,825,616	5,825,616	-	-	-	-	-	Trans Line	
ELLIS-SANTIAGO LNS 1,2	4156	220kV	12,018,447	-	-	12,018,447	12,018,447	-	-	-	-	-	Trans Line	
RIO HONDO-VINCENT LN 2	4157	220kV	105,605	18,610	-	124,216	105,605	18,610	-	-	-	-	Trans Line	
LUCERNE-LUGO/MIRA LOMA LN	4158	500kV	498,252	-	-	498,252	-	-	-	498,252	-	-	Trans Line	
BIG CRK 2-BIG CRK 8	4166	220kV	9,034	-	-	9,034	9,034	-	-	-	-	-	Trans Line	
BIG CRK 3-MAMMOTH POOL	4168	220kV	4,331	523,515	-	527,846	-	-	-	4,331	523,515	-	Trans Line	
BIG CRK 1-RECTOR, OTHER	4169	220kV	11,719,539	704,946	417,456	12,841,942	11,454,074	688,978	408,000	265,465	15,968	9,456	Trans Line	
DEVERS-PALO VERDE	4185	500kV	14,776,950	-	-	14,776,950	14,776,950	-	-	-	-	-	Trans Line	
DEVERS-PALO VERDE	4186	500kV	1,193,710	-	-	1,193,710	1,193,710	-	-	-	-	-	Trans Line	
DEVERS-VALLEY LNS 1,2	4187	500kV	10,435,644	192,106	-	10,627,751	10,435,644	192,106	-	-	-	-	Trans Line	
SERRANO-VALLEY LN	4188	500kV	2,853,712	407,840	-	3,261,552	2,853,712	407,840	-	-	-	-	Trans Line	
VALLEY-INLAND 500KV TL	4191	500kV	-	-	13,021	13,021	-	-	-	-	-	13,021	Trans Line	
VALLEY-SERRANO 500 KV LN	4988	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
SERRANO-VILLA PK LN 1,2,3	4189	220kV	78,248	37,274	646,351	761,872	78,248	37,274	646,351	-	-	-	Trans Line	
VARIOUS 66KV LINES	4200	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MAGUNDEN-PASTORIA	4201	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
SSAN JOAQUIN REGION 66KV	4205	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
E.MAGUNDEN-ANTELOPE 220KV	4207	220kV	-	25,798	-	25,798	-	-	-	-	25,798	-	Trans Line	
BIG CREEK #3/#4 220KV LIN	4211	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 3-SPRNGVL-MGNDN	4213	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK 3-MAMMOTH POOL	4268	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
RECTOR-VESTAL #2 220KV	4269	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
BIG CREEK4-SPRNGVL-MGNDN	4288	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ALL 66KV T/L-COASTAL REGN	4405	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MET T/S REGION	4300	66kV	-	229,033	14,696	243,728	-	-	-	-	229,033	14,696	Trans Line	
EAGLE ROCK-MESA 220 KV LN	4301	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ALL 66KV T/L-METRO REGION	4305	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ANTELOPE-MESA 220 KV LN	4307	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
EAGLE ROCK-MESA 220KV LN	4314	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CHINO-VILLA PARK 220KV LN	4318	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CENTER-MESA 220KV LN	4319	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MESA VINCENT No 2 220 Kv LINE	4325	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIRA LOMA-SERRANO# 1&2 500KV	4348	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
MIRA LOMA-SERRANO#2 500KV	4349	500kV	-	4,448	-	4,448	-	4,448	-	-	-	-	ISO	High
MIRA LOMA - VINCENT 500 KV LINE	4360	500kV	26,181,233	2,870,912	-	29,052,145	26,181,233	2,870,912	-	-	-	-	Trans Line	
COASTAL T/S REGION	4400	66kV	3,127	433,988	92,729	529,844	-	-	-	3,127	433,988	92,729	Trans Line	
MESA-REDONDO 220KV LN	4414	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
CENTER MESAS&OLINDA 220KV	4419	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
EASTERN T/S REGION	4500	66kV	-	1,650,139	916,891	2,567,030	-	-	-	-	1,650,139	916,891	Trans Line	
DEVERS-HINDS 220KV LNS	4504	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
33 & 66KV LNES IN ESTRN R	4505	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
COGEN/RENEW ENGY RESOURCE	4506	115kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ISO 115KV T/L	4513	115kV	-	-	-	-	-	-	-	-	-	-	Trans Line	
ETIWANDA-PADUA 220KV LN	4518	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line	

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/Trans Line	High / Low / Straddle Voltage		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353				
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment	Land & Land Rights	Structures & Improvements	Station Equipment				
MIRA LOMA-WALNUT 220KV LN	4519	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
LUGO-MIRA LOMA NO. 1&2	4538	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
DESERT REGION 115KV LINES	4570	115kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
DEVERS-VALLEY 500 KV LNS	4587	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
NRTHN T/S REGION	4600	66kV	-	1,850,449	-	1,850,449	-	-	-	-	1,850,449	-	Trans Line			
BAILEY-PARDEE 220 KV LN	4601	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ISO 66KV T/L-NORTHERN REG	4603	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
33&66KV LNS IN NRTHEN T/S	4605	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ANTELOPE-MAGUNDEN 220 KV	4607	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
MOORPARK-PARDEE 200KV LN	4625	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
MIDWAY-VINCENT 500 KV LN	4626	500kV	-	520,627	-	520,627	-	520,627	-	-	-	-	ISO	High		
ANTELOPE-PARDEE	4644	220kV	3,934,890	-	-	3,934,890	3,934,890	-	-	-	-	-	Trans Line			
PARDEE-SYLMAR 220 KV LN	4645	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
PARDEE-VINCENT 220KV LN 2	4647	220kV	-	7,378	-	7,378	-	7,378	-	-	-	-	Trans Line			
EASTERN T/S REG	4700	66kV	46,629	522,260	591,382	1,160,272	-	-	-	46,629	522,260	591,382	Trans Line			
CORONA-JEFFERSON 66 KV LN	4705	66kV	266,403	2,111,150	-	2,377,553	197,689	1,566,613	-	68,714	544,538	-	Trans Line			
ANTELOPE-WINDHUB 500KV LN	4708	500kV	16,796,780	-	-	16,796,780	16,796,780	-	-	-	-	-	Trans Line			
WINDHUB-HIGHWIND 230KV LN	4709	220kV	3,268,655	-	-	3,268,655	3,268,655	-	-	-	-	-	Trans Line			
WHIRLWIND-WINDHUB 500KV L	4711	500kV	71,262	-	-	71,262	71,262	-	-	-	-	-	Trans Line			
ANTELOPE - VINCENT #2 500KV	4712	500kV	11,885,452	-	-	11,885,452	11,885,452	-	-	-	-	-	Trans Line			
ISO 115KV T/L	4713	115kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
LAGUNA-BELL 220KV	4714	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
CIMA-ELDO-PISGH	4717	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
LUGO - MOHAVE 500 KV LINE	4718	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
COLWTR-KRMR;LUGO-VICTR220	4725	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
LEE VINING-LUNDY 55K 4771	4730	55kV	10,585	-	-	10,585	-	-	-	10,585	-	-	Trans Line			
ELDORADO-IVANPAH NO 1&2 - CA	4733	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ELDORADO-IVANPAH NO 1&2 - NV	4734	220kV	352,196	-	-	352,196	352,196	-	-	-	-	-	Trans Line			
BISHOP CRK55&115KV LINES	4735	115kV	(11)	505,731	-	505,720	-	-	-	(11)	505,731	-	Trans Line			
LUGO-MOHAVE 500KV	4740	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
115 KV LNS, ESTN T/S REG	4750	115kV	16,389,137	316,279	49,122,221	65,827,636	4,814,971	92,920	14,431,638	11,574,165	223,359	34,690,583	Trans Line			
LUGO-VICTORVILLE 500KV	4754	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
DEVERS-SN BRDNO 220 KV LN	4756	220kV	1,079,238	16,401	-	1,095,639	1,079,238	16,401	-	-	-	-	Trans Line			
BLYTHE-EAGLE MT 161 KV LN	4759	161kV	33,310	-	-	33,310	33,310	-	-	-	-	-	Trans Line			
CONTROL-MORGAN 55 KV LN	4770	55kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
HUMAN EXTERNAL CARGO TRAINING SITE	4799	66kV	-	321,805	-	321,805	-	-	-	-	321,805	-	Trans Line			
HOOVER-CLWTR 115 KV LN	4781	115kV	1,277	-	-	1,277	-	-	-	1,277	-	-	Trans Line			
HOOVER-CLWTER 115 KV LN	4782	115kV	165,196	-	-	165,196	165,196	-	-	-	-	-	Trans Line			
VICTOR-HESPERIA 115KV	4784	115kV	-	20,788	-	20,788	-	-	-	-	20,788	-	Trans Line			
VAR. TRANS. LINES-S/E DIV	4800	66kV	2,931	1,543,933	711,670	2,258,534	-	-	-	2,931	1,543,933	711,670	Trans Line			
SERRANO-VILLA PARK 220KV	4889	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
NORTHEASTERN T/S DIV.	4900	66kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
LUGO-VICTOR 220KV LN	4935	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
SAN JACINTO REGION 115KV	4950	115kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
DEVERS-VALLEY 500KV	4987	500kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
BIG CREEK 4-MGNDN 220KV	4221	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ANTELOPE-MAGUNDEN 220KV	4707	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ANTELOPE-WHIRLWIND 500KV LN	4710	500kV	15,917,279	-	-	15,917,279	15,917,279	-	-	-	-	-	Trans Line			
BARRE 1&2-VILLA PARK 220K	4818	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
ELLIS-HNGTN BCH#1-4 220KV	4820	220kV	-	-	-	-	-	-	-	-	-	-	Trans Line			
TOTAL TRANSMISSION SUBSTATIONS			\$ 355,269,876	\$ 1,391,305,718	\$ 7,649,922,454	\$ 9,396,498,048	\$ 260,125,792	\$ 901,318,292	\$ 4,387,557,378	\$ 95,144,084	\$ 489,987,426	\$ 3,262,365,075				
Recalc based on all other TS locations																
Allocation % to use						73.22% 64.78% 57.35% 26.78% 35.22% 42.65%										
DIV MTCE / OVERHAUL MNGT	1000	66kV	-	-	19,799	19,799	-	-	11,356	-	-	8,443	Mix	Low		
MOUNTAINVIEW POWER-COMMON	1250	220kV	-	-	27,323,050	27,323,050	-	-	15,670,937	-	-	11,652,114	Mix	High		
PALOVERDE-SWITCHYARD	1869	500kV	-	2,465,520	7,901,074	10,366,594	-	1,597,218	4,531,604	-	868,302	3,369,471	Mix	High		
PV UNIT 1-INCREMENTAL	1870	500kV	-	-	194,959	194,959	-	-	111,817	-	-	83,142	Mix	High		
BIG CREEK NO.2	2212	220kV	-	-	2,274,534	2,274,534	-	-	1,304,543	-	-	969,992	Mix	High		
BIG CREEK NO.2A	2234	220kV	-	-	1,031,434	1,031,434	-	-	591,571	-	-	439,862	Mix	High		
COGEN/RENEW ENERGY SOURCE	4206	66kV	-	-	40,621	40,621	-	-	23,298	-	-	17,323	Mix	Low		
SUBSTN DIV	5000	Misc	-	-	1,406,750	1,406,750	-	-	806,831	-	-	599,919	Mix	Low		
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,723,403	-	3,846,745	90,310	2,412,102	-	33,032	1,311,301	-	Mix	Low		
METRO REGION	5100	33kV & Below	-	-	265,939	265,939	-	-	152,528	-	-	113,412	Mix	Low		
NEENACH SUB	5556	66kV	-	46,787	408,193	454,981	-	30,310	234,116	-	16,477	174,077	Mix	Low		
BARSTOW NO RGN-SAN BERDOO	6072	CSTMTR SRVC FAC.	-	7,617	-	7,617	-	4,934	-	-	2,683	-	Mix	Low		
FRESNO COUNTY	7010	33kV & Below	-	-	-	-	-	-	-	-	-	-	Mix	Low		
VENTURA COUNTY	7056	33kV & Below	-	-	74,798	74,798	-	-	42,900	-	-	31,898	Mix	Low		
B&A-T/S 3RD FLOOR-GO3	9010	220kV	-	-	823	823	-	-	472	-	-	351	Mix	High		
CHINO OFC BLDG (FACILITY)	9024	Misc	-	373,558	-	373,558	-	241,999	-	-	131,559	-	Mix	Low		
IRVINE OPER CENTER	9078	Misc	-	8,245	-	8,245	-	5,341	-	-	2,904	-	Mix	Low		
FUELS	9203	Misc	-	-	341,890	341,890	-	-	196,089	-	-	145,801	Mix	Low		
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	24,294,312	145,325	-	24,439,637	17,788,103	94,145	-	6,506,209	51,180	-	Mix	Low		
INNOVATION VILLAGE 1	9221	Div Offices & Misc	-	-	1,509,815	1,509,815	-	-	865,943	-	-	643,871	Mix	Low		
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	375,558	2,962,532	3,338,089	-	243,294	1,699,138	-	132,263	1,263,393	Mix	Low		
TELECOMM-ALHAMBRA	9330	Misc	-	-	69,276	69,276	-	-	39,733	-	-	29,543	Mix	Low		
CONWAY SUMMIT COMM SITE	9339	Misc	-	-	14,913	14,913	-	-	8,553	-	-	6,360	Mix	Low		
INTERNAL ORDER	NTERNALORDEF	Misc	-	-	1,868	1,868	-	-	1,071	-	-	797	Mix	Low		
CHINO-VILLA PARK 220KV LN	4318-NU	220kV	-	-	-	-	-	-	-	-	-	-	Mix	High		
Total Locations Reclac'd			\$ 24,417,654	\$ 7,146,012	\$ 45,842,269	\$ 77,405,935	\$ 17,878,413	\$ 4,629,343	\$ 26,292,500	\$ 6,539,241	\$ 2,516,669	\$ 19,549,769				

## SOUTHERN CALIFORNIA EDISON COMPANY

### Transmission/Distribution ISO Facilities Study

	2022 Year-End			2021 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	379,687,530	278,004,205	73.2%	381,460,213	281,930,574	73.9%	(1,772,682)	(3,926,368)	-0.7%
Substation									
352	1,398,451,730	905,947,635	64.8%	1,306,459,914	843,791,400	64.6%	91,991,817	62,156,235	0.2%
353	7,695,764,722	4,413,849,878	57.4%	7,245,331,489	4,116,024,360	56.8%	450,433,234	297,825,518	0.5%
Total Substation	9,094,216,453	5,319,797,513	58.5%	8,551,791,402	4,959,815,760	58.0%	542,425,050	359,981,753	0.5%
Lines									
354	\$2,598,053,334	2,498,952,321	96.2%	2,528,290,969	2,450,974,771	96.9%	69,762,365	47,977,550	-0.8%
355	2,365,912,986	632,230,698	26.7%	2,024,504,618	542,755,368	26.8%	341,408,368	89,475,331	-0.1%
356	2,191,977,444	1,693,990,750	77.3%	2,065,980,164	1,618,978,825	78.4%	125,997,280	75,011,925	-1.1%
357	330,140,963	215,308,527	65.2%	329,224,124	215,308,596	65.4%	916,838	(69)	-0.2%
358	437,739,243	58,752,899	13.4%	403,637,836	58,752,899	14.6%	34,101,407	-	-1.1%
359	251,650,170	226,348,866	89.9%	246,891,223	223,182,876	90.4%	4,758,946	3,165,990	-0.5%
Total Lines	\$8,175,474,139	\$5,325,584,061	65.1%	7,598,528,934	5,109,953,334	67.2%	576,945,205	215,630,727	-2.1%
Total Transmission	17,649,378,122	10,923,385,779	61.9%	16,531,780,549	10,351,699,668	62.6%	1,117,597,573	571,686,112	-0.7%
Distribution									
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
Land:									
360	130,716,113	-	0.0%	130,224,350	-	0.0%	491,763	-	0.0%
Structures:									
361	950,757,411	-	0.0%	903,343,847	-	0.0%	47,413,564	-	0.0%
362	3,463,676,916	-	0.0%	3,278,542,591	-	0.0%	185,134,325	-	0.0%
Total Structures	4,414,434,327	-	0.0%	4,181,886,438	-	0.0%	232,547,889	-	0.0%
Total Distribution	4,545,150,439	-	0.0%	4,312,110,788	-	0.0%	233,039,651	-	0.0%
Total Transmission & Distribution	22,194,528,561	10,923,385,779	49.2%	20,843,891,337	10,351,699,668	49.7%	2,468,234,797	1,143,372,223	-0.4%



SOUTHERN CALIFORNIA EDISON COMPANY  
Transmission Line Study Results  
As of December 2022

Location	Description	Voltage (kV)	Study	Circuit Miles				Balance by FERC Account (Total Transmission) Current Study										Balance by FERC Acco				
				UG Total	UG ISO	OH Total	OH ISO	Total Miles	Total ISO	350	352	353	354	355	356	357	358	359	350	352	353	354
4026	MIDWAY-VINCENT LINES 1&2	500	Lines	-	-	225.451	225.451	225.451	225.451	2,927,515	8,483	27,105	26,776,662	741,658	40,151,733	-	-	795,535	2,927,515	8,483	27,105	26,776,662
4031	DWP-EDSN CELILO-SYLMR CA	1000	Lines	-	-	293.454	293.454	293.454	293.454	-	95,841	-	30,018,821	-	65,416,274	-	-	136,841	-	95,841	-	30,018,821
4034	DWP-EDSN CELILO-SYLMR NV	1000	Lines	-	-	-	-	-	-	-	541	-	7,953,889	-	9,305,652	-	-	668,871	-	-	-	-
4045	PARDEE-SYLMAR LNES 1&2	220	Lines	-	-	22.902	22.902	22.902	22.902	187,650	106,089	-	701,607	-	453,192	-	-	38,006	187,650	106,089	-	701,607
4046	EAGLE ROCK-SYLMAR LNE	220	Lines	-	-	24.498	24.498	24.498	24.498	186,657	-	-	214,409	-	62,108	-	-	-	186,657	-	-	214,409
4051	PARDEE-VINCENT LN 1	220	Lines	-	-	31.460	31.460	31.460	31.460	-	-	-	316,356	-	204,878	-	-	145,317	-	-	-	316,356
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	-	-	272.411	264.416	272.411	264.416	1,551,806	796,728	98,475	40,241,273	3,251,277	90,233,037	-	-	1,320,967	1,506,259	773,344	95,584	39,060,165
4102	COGEN/RENEWABLE ENERGY SO	220	Lines	-	-	7.253	4.629	7.253	4.629	1,466,128	-	-	2,598,835	-	373,282	-	-	824,324	-	-	-	1,658,431
4104	DEVERS-HINS LN, OTHERS	220	Lines	-	-	155.805	151.430	155.805	151.430	15,464,432	82,149	30,139	131,920,457	47,856,202	120,919,613	1,480	260,160	34,901,558	15,030,228	79,843	29,292	128,216,448
4105	33 AND 66 KV LINES	66	Lines	247.976	-	4,434.530	82.433	4,682.506	82.433	3,210,534	34,171,159	20,572,635	13,093,715	43,737,730	1,295,181,204	332,172,320	103,331,596	324,972,525	19,827,242	601,565	362,170	230,508
4107	ANTELOPE/MESA LINE, OTHER	220	Lines	-	-	242.164	242.164	242.164	242.164	4,278,569	1,337,192	4,424,314	140,825,171	21,681,889	63,956,072	-	-	88,570,495	4,278,569	1,337,192	4,424,314	140,825,171
4108	CHINO-SERRANO/SN ONFRE LN	220	Lines	-	-	160.593	160.593	160.593	160.593	8,072,253	4,568,761	-	18,047,417	1,472,898	14,513,710	-	-	1,734,061	8,072,253	4,568,761	-	18,047,417
4109	COACHELLA VALLEY-DEVERS (SCE PC	220	Lines	-	-	0.957	0.957	0.957	0.957	-	25,255	-	-	16,469	467,285	-	-	-	-	25,255	-	-
4111	BIG CRK 3-BIG CRK 4	220	Lines	-	-	-	-	-	-	1,944	-	-	862,770	-	530,440	-	-	29,429	-	-	-	-
4113	BIGCRK-SPRGVL, MGDN-SPRGV	220	Lines	-	-	51.623	51.623	51.623	51.623	874,872	23,989	-	24,068,487	77,635,827	16,570,993	-	-	631,018	874,872	23,989	-	24,068,487
4114	ALAMITOS-MESA LN, OTHERS	220	Lines	-	-	123.698	115.116	123.698	115.116	3,210,534	1,732,917	661,182	18,912,208	7,334,259	19,102,355	-	-	670,698	2,987,777	1,612,682	615,307	17,600,020
4115	HINSON-LIGHTHIPE 1&2	220	Lines	-	-	40.895	40.895	40.895	40.895	1,607,024	616,675	2,149	3,565,502	4,245,659	2,411,302	-	-	27,417	1,607,024	616,675	2,149	3,565,502
4116	HINSON-LAFRESA, OTHERS	220	Lines	0.949	0.949	59.548	56.808	60.497	57.757	3,594,552	702,801	2,065	3,590,673	12,529,698	7,654,290	180,589	456,828	13,558	3,431,762	670,972	1,971	3,425,468
4117	ELDRDO-CIMA-PISGAH LN1,2	220	Lines	-	-	390.166	390.166	390.166	390.166	1,139,094	177,311	12,857	26,014,967	7,299,288	12,613,533	-	-	151,162	1,139,094	177,311	12,857	26,014,967
4119	CENTER-MESA LN, OTHERS	220	Lines	-	-	106.148	106.148	106.148	106.148	2,101,303	1,107,539	101	34,495,702	398,849	27,391,662	-	-	2,830,220	2,101,303	1,107,539	101	34,495,702
4120	ALAMITOS-CENTER, OTHERS	220	Lines	-	-	131.620	119.361	131.620	119.361	4,380,988	922,031	905,123	8,637,742	4,811,439	7,329,658	256	-	33,420	3,972,924	836,149	820,816	7,833,186
4121	BIG CREEK 4-SPRNGVLV-MGDN	220	Lines	-	-	131.126	131.126	131.126	131.126	209,639	131,150	-	17,133,469	11,609,394	13,925,158	-	-	941,985	209,639	131,150	-	17,133,469
4123	LUGO-VINCENT LINES 1&2	500	Lines	-	-	93.600	93.600	93.600	93.600	1,749,466	-	16,633	14,101,498	7,195,860	-	-	1,891	1,749,466	-	16,633	14,101,498	
4124	BIG CRK 1-CMP TEN--PRTL	66	Lines	-	-	-	-	-	-	485	-	-	48,890	312,251	202,022	1,343	68,591	-	-	-	-	-
4125	GOLETA-SNTA CLARA, OTHERS	220	Lines	-	-	468.204	363.493	468.204	363.493	13,310,983	3,253,208	1,918	41,348,123	3,751,101	61,969,188	-	-	4,937,858	10,334,043	2,525,643	1,489	32,100,806
4127	NORTH BOULDER-MEAD, OTHER	220	Lines	-	-	30.860	-	30.860	-	19,842	-	-	700,024	8,020	549,803	-	-	5,205	-	-	-	-
4128	LYTLE CREEK-POLE 534694E	66	Lines	-	-	-	-	-	-	-	-	-	-	1,240	1,277	-	-	-	-	-	-	-
4129	KERN RIVER3-VESTAL 66 KV	66	Lines	-	-	44.320	-	44.320	-	31,413	-	-	345,087	1,744,396	931,818	-	-	-	-	-	-	-
4130	MOHAVE-LUGO 500KV	500	Lines	-	-	-	-	-	-	157,990	-	-	1,471,682	-	517,455	-	-	19,051	-	-	-	-
4132	CUMMINGS-KERBN RIV1, OTHE	66	Lines	-	-	-	-	-	-	3,146	-	-	60,500	175,424	177,342	-	-	40,795	-	-	-	-
4133	BOREL--WALKER 66KV LN	66	Lines	-	-	-	-	-	-	46,874	-	-	7,516	19,910,179	1,117,800	-	-	11,455	-	-	-	-
4136	LUGO-ELDORADO LN	500	Lines	-	-	176.989	176.989	176.989	176.989	1,330,373	-	-	17,938,062	2,050,363	10,656,252	-	-	117,747	1,330,373	-	-	17,938,062
4137	LUGO-ELDORADO LN	500	Lines	-	-	0.177	0.177	0.177	0.177	16,589	-	-	3,643,443	-	4,529,049	-	-	20,088	-	-	-	3,643,443
4138	LUGO-MIRA LOMA 2&3	500	Lines	-	-	96.314	96.067	96.314	96.067	9,748,980	3,188,928	98	42,407,041	118,240	24,944,479	-	-	591,464	9,724,000	3,180,757	98	42,298,384
4139	SPRGVLV-TULE 66KV LN	66	Lines	-	-	-	-	-	-	517	-	-	-	1,184,238	161,619	-	-	-	-	-	-	-
4140	MOHAVE-LUGO 500 KV LN	500	Lines	-	-	175.886	175.886	175.886	175.886	278,112												



5049	ORMOND BCH SWITCHRACK SUB	0% Subs	Allocated according to substation percentage	158,170	34,483	8,541,091	-	-	-	-	-	-	-	-	-	-	-	-	-
5051	SAUGUS SUB	0% Subs	Allocated according to substation percentage	13,373	5,163,756	80,790,881	-	-	-	-	-	-	-	-	-	-	-	-	-
5066	GENE SUB	0% Subs	Allocated according to substation percentage	-	63,093	2,064,623	-	-	-	-	-	-	-	-	-	-	-	-	-
5068	CAMINO SUB	0% Subs	Allocated according to substation percentage	-	54,471	4,222,649	-	-	-	-	-	-	-	-	-	-	-	-	-
5072	VELASCO SUB	0% Subs	Allocated according to substation percentage	-	40,279	155,442	-	-	-	-	-	-	-	-	-	-	-	-	-
5078	HUNTINGTON BCH SWITCHRCK	0% Subs	Allocated according to substation percentage	-	262,196	4,962,212	-	-	-	-	-	-	-	-	-	-	-	-	-
5095	TRITON SUB	0% Subs	Allocated according to substation percentage	2,415,092	2,377,770	26,609,450	-	-	-	-	-	-	-	-	-	-	-	-	-
5101	ALHAMBRA SUB	0% Subs	Allocated according to substation percentage	-	83,447	2,771,763	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	BANDINI SUB	0% Subs	Allocated according to substation percentage	4,583	16,136	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	BICKNELL SUB	0% Subs	Allocated according to substation percentage	-	-	2,451	-	-	-	-	-	-	-	-	-	-	-	-	-
5112	THUMSGEN SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	2,049	-	-	-	-	-	-	-	-	-	-	-	-	-
5116	RUSH SUB	0% Subs	Allocated according to substation percentage	-	19,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5141	ROSEMEAD SUB	0% Subs	Allocated according to substation percentage	-	38,757	22	-	-	-	-	-	-	-	-	-	-	-	-	-
5158	ARROYO SUB	0% Subs	Allocated according to substation percentage	-	-	123	-	-	-	-	-	-	-	-	-	-	-	-	-
5161	AMADOR SUB	0% Subs	Allocated according to substation percentage	-	-	(47,687)	-	-	-	-	-	-	-	-	-	-	-	-	-
5162	FAIR OAKS SUB	0% Subs	Allocated according to substation percentage	-	2,466	17,195	-	-	-	-	-	-	-	-	-	-	-	-	-
5165	JPL SUB	0% Subs	Allocated according to substation percentage	-	-	3,666	-	-	-	-	-	-	-	-	-	-	-	-	-
5167	MAYFLOWER SUB	0% Subs	Allocated according to substation percentage	-	149,676	91,972	-	-	-	-	-	-	-	-	-	-	-	-	-
5170	TEMPLE SUB	0% Subs	Allocated according to substation percentage	-	23,448	17,367	-	-	-	-	-	-	-	-	-	-	-	-	-
5178	KIRK WALL SUBSTATION	0% Subs	Allocated according to substation percentage	3,995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5179	RAVENDALE SUB	0% Subs	Allocated according to substation percentage	-	154,829	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5185	CITRUS SUB	0% Subs	Allocated according to substation percentage	-	-	37,984	-	-	-	-	-	-	-	-	-	-	-	-	-
5186	CORTEZ SUB	0% Subs	Allocated according to substation percentage	-	16,955	31,589	-	-	-	-	-	-	-	-	-	-	-	-	-
5196	RAILROAD SUB	0% Subs	Allocated according to substation percentage	-	71,448	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5198	ALHAMBRA DIST SUB TRG FAC	0% Subs	Allocated according to substation percentage	-	25,705	2,046,562	-	-	-	-	-	-	-	-	-	-	-	-	-
5204	CULVER CITY SUB	0% Subs	Allocated according to substation percentage	-	61,263	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5207	SEPULVEDA SUB	0% Subs	Allocated according to substation percentage	-	41,604	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5211	INGLEWOOD SUB	0% Subs	Allocated according to substation percentage	-	304,708	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5213	LENNOX SUB	0% Subs	Allocated according to substation percentage	-	281,905	12,693	-	-	-	-	-	-	-	-	-	-	-	-	-
5224	PEARL SUB	0% Subs	Allocated according to substation percentage	-	14,955	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5235	WINDSOR HILLS SUB	0% Subs	Allocated according to substation percentage	-	58,264	17,508	-	-	-	-	-	-	-	-	-	-	-	-	-
5236	VALDEZ SUB	0% Subs	Allocated according to substation percentage	-	-	24,710	-	-	-	-	-	-	-	-	-	-	-	-	-
5238	LAWNDALE 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	53,193	-	119,219	-	-	-	-	-	-	-	-	-	-	-	-	-
5358	MONOLITH SUB	0% Subs	Allocated according to substation percentage	-	234	1,156,662	-	-	-	-	-	-	-	-	-	-	-	-	-
5365	ACTON SUB	0% Subs	Allocated according to substation percentage	24,167	-	15,397	-	-	-	-	-	-	-	-	-	-	-	-	-
5374	RIVERWAY SUB	0% Subs	Allocated according to substation percentage	801,825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5375	MASCOT SUBSTATION	0% Subs	Allocated according to substation percentage	573,588	6,991	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	QIAI 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	-	52,173	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5539	ANAVERDE SUB	0% Subs	Allocated according to substation percentage	-	-	76,359	-	-	-	-	-	-	-	-	-	-	-	-	-
5541	ROSAMOND SUB	0% Subs	Allocated according to substation percentage	-	66,626	652,233	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
5557	NEWBURY SUB	0% Subs	Allocated according to substation percentage	-	-	692,110	-	-	-	-	-	-	-	-	-	-	-	-	-
5562	GRISWOLD SUB	0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5564	PALMDALE SUB	0% Subs	Allocated according to substation percentage	-	-	644,295	-	-	-	-	-	-	-	-	-	-	-	-	-
5566	QUARTZ HILL SUB	0% Subs	Allocated according to substation percentage	-	19,046	220,467	-	-	-	-	-	-	-	-	-	-	-	-	-
5599	HELIJET SUB	0% Subs	Allocated according to substation percentage	-	-	499,396	-	-	-	-	-	-	-	-	-	-	-	-	-
5601	RANDALL SUB	0% Subs	Allocated according to substation percentage	-	20,403	56,150	-	-	-	-	-	-	-	-	-	-	-	-	-
5606	ORANGE PRODUCTS SUB	0% Subs	Allocated according to substation percentage	-	13,596	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5612	INLAND CONTAINER SUB	0% Subs	Allocated according to substation percentage	-	20,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5615	DECLEZ SUB	0% Subs	Allocated according to substation percentage	-	-	23,032	-	-	-	-	-	-	-	-	-	-	-	-	-
5631	SAN ANTONIO SUB	0% Subs	Allocated according to substation percentage	-	-	7,606	-	-	-	-	-	-	-	-	-	-	-	-	-
5646	COLTON CEMENT SUB	0% Subs	Allocated according to substation percentage	-	43,167	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5652	AMERON SUB	0% Subs	Allocated according to substation percentage	-	-	531,131	-	-	-	-	-	-	-	-	-	-	-	-	-
5655	NOGALES SUB	0% Subs	Allocated according to substation percentage	-	16,835	525,170	-	-	-	-	-	-	-	-	-	-	-	-	-
5659	ARCHIBALD SUB	0% Subs	Allocated according to substation percentage	-	-	206,393	-	-	-	-	-	-	-	-	-	-	-	-	-
5664	WIMBLEDON SUB	0% Subs	Allocated according to substation percentage	-	1,282	17,343	-	-	-	-	-	-	-	-	-	-	-	-	-
5670	DEL ROSA SUB	0% Subs	Allocated according to substation percentage	-	-	17,327	-	-	-	-	-	-	-	-	-	-	-	-	-
5674	WHIPPLE SUB	0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5678	LANDING SUB	0% Subs	Allocated according to substation percentage	-	57,591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5740	NAPLES SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	114,340	-	-	-	-	-	-	-	-	-	-	-	-	-
5758	WATSON SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	3,790	-	-	-	-	-	-	-	-	-	-	-	-	-
5787	SOUTH GATE SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	17,255	-	-	-	-	-	-	-	-	-	-	-	-	-
5788	BOVINE SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5798	MOVIE SUBSTATION	0% Subs	Allocated according to substation percentage	-	1,963	17,658	-	-	-	-	-	-	-	-	-	-	-	-	-
5811	CHIOQUITA SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	58,207	-	-	-	-	-	-	-	-	-	-	-	-	-
5814	CARMENITA SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	128,669	-	-	-	-	-	-	-	-	-	-	-	-	-
5816	PARKWOOD SUBSTATION	0% Subs	Allocated according to substation percentage	-	93,280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5828	WAVE SUBSTATION	0% Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5842	OCEANVIEW SUBSTATION	0% Subs	Allocated according to substation percentage																



TUSTIN SUBSTATION	0% Subs	Allocated according to substation percentage	11,308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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[illegible]



[illegible]

9024 CHINO OFC BLDG (FACILITY)		Mix Subs	Allocated according to substation percentage	-	373,558	-	-	-	-	-	-	-	244,421	-	-
7010 FRESNO COUNTY		Mix Subs	Allocated according to substation percentage	-	-	-	-	-	-	-	-	-	-	-	-
7056 VENTURA COUNTY		Mix Subs	Allocated according to substation percentage	-	-	74,798	-	-	-	-	-	-	-	42,618	-
8000 ROADWAY(CEP)		Mix Subs	Allocated according to substation percentage	110,643	972,123	16,665,747	-	-	-	-	-	-	126,150	2,609,849	-
8006 EL CASCO SUBSTATION		Mix Subs	Allocated according to substation percentage	-	30,392,778	55,740,801	-	-	-	-	-	-	4,629,072	8,228,905	-
8037 TORTILLA(CEP) SUB		Mix Subs	Allocated according to substation percentage	17,114	1,632,427	11,530,392	-	-	-	-	-	-	618,811	4,375,134	-
8049 VICTOR SUB		Mix Subs	Allocated according to substation percentage	22,088	12,688,404	129,748,840	-	-	-	-	-	-	9,828,079	103,041,782	-
8055 SN ONOFRE SWTHRK-100%SCE		Mix Subs	Allocated according to substation percentage	-	1,796,202	12,436,922	-	-	-	-	-	-	1,369,819	8,409,203	-
8074 COOL WATER SWITCHRACK 1,2		Mix Subs	Allocated according to substation percentage	-	61,762	1,925,128	-	-	-	-	-	-	50,924	1,395,458	-
8363 IVANPAH SUB		Mix Subs	Allocated according to substation percentage	-	13,309,986	33,322,787	-	-	-	-	-	-	13,269,709	33,221,947	-
9203 FUELS		Mix Subs	Allocated according to substation percentage	-	-	341,890	-	-	-	-	-	-	-	194,801	-
9221 INNOVATION VILLAGE 1		Mix Subs	Allocated according to substation percentage	-	-	1,509,815	-	-	-	-	-	-	-	860,258	-
9243 CONTROL SYS SEC-ALHAMBRA		Mix Subs	Allocated according to substation percentage	-	375,558	2,962,532	-	-	-	-	-	-	245,730	1,687,982	-
9078 IRVINE OPER CENTER		Mix Subs	Allocated according to substation percentage	-	8,245	-	-	-	-	-	-	-	5,395	-	-
9330 TELECOMM-ALHAMBRA		Mix Subs	Allocated according to substation percentage	-	-	69,276	-	-	-	-	-	-	-	39,472	-
2556 CONTROL STATION	115	Mix Subs	Allocated according to substation percentage	-	1,661,309	15,845,359	-	40,798	25,499	-	-	-	1,269,905	12,428,430	-
5014 WALNUT SUB		Mix Subs	Allocated according to substation percentage	97,955	7,370,402	65,417,584	-	-	-	-	-	-	2,302,316	20,434,698	-
5015 GOULD SUB	220	Mix Subs	Allocated according to substation percentage	29,300	1,614,816	33,020,488	-	-	-	-	4,090	4,090	581,853	11,898,006	-
5021 LA FRESA SUB		Mix Subs	Allocated according to substation percentage	101,370	15,617,924	139,482,681	-	-	-	-	-	-	4,974,892	33,526,705	-
5052 ANTELOPE SUB	500	Mix Subs	Allocated according to substation percentage	21,983	9,028,780	217,436,638	-	-	-	37,191	-	-	9,023,059	217,288,409	-
5053 SANTA CLARA SUB	220	Mix Subs	Allocated according to substation percentage	140,739	5,159,898	62,644,152	-	-	-	-	13,555	13,555	1,431,085	17,374,196	-
5069 MIRA LOMA SUB	500	Mix Subs	Allocated according to substation percentage	474,735	65,480,553	247,184,237	-	123,410	-	-	-	-	53,397,547	201,739,377	-
5074 LAGUNA BELL SUB	220	Mix Subs	Allocated according to substation percentage	131,263	3,271,551	76,857,951	-	-	-	14,172	-	-	801,316	19,603,291	-
5083 VIEJO SUBSTATION	220	Mix Subs	Allocated according to substation percentage	13,285,971	9,225,366	35,309,891	-	-	-	10	-	-	2,397,171	8,780,517	-
8012 MIRAGE(CEP) SUB		Mix Subs	Allocated according to substation percentage	629,541	5,228,376	61,720,764	-	-	-	-	-	-	1,927,736	23,096,485	-
5034 SRINGVILLE SUB		Mix Subs	Allocated according to substation percentage	12,198	3,736,069	56,037,326	-	-	-	-	-	-	1,369,055	21,421,125	-

LINE LOC:	350	352	353	354
1000 kV T Lines	-	95,841	-	30,018,821
500 kV T Lines	125,643,974	6,718,884	43,836	1,680,858,590
220 kV T Lines	95,791,717	16,767,789	7,091,814	778,782,824
161 kV T Lines	33,310	-	-	-
115 kV T Lines	5,401,628	119,538	14,431,638	4,448,609
66 kV T Lines	601,565	362,170	230,508	813,035
55 kV T Lines	197,689	1,566,613	-	1,517,122
Total Lines	227,669,882	25,630,834	21,797,795	2,496,439,001

Non-Line Locations:	
500kV	7,943
220kV	2,505,376
115kV	-
	2,513,319

Current Study					Non ISO Account Balances		
355	356	357	358	359	350	352	353
741,658	40,151,733	-	-	795,535	-	-	-
-	65,416,274	-	-	136,841	-	-	-
-	-	-	-	-	-	541	-
-	453,192	-	-	38,006	-	-	-
-	62,108	-	-	-	-	-	-
-	204,878	-	-	145,317	-	-	-
-	-	-	-	-	13,002	-	-
-	-	-	-	-	61,040	-	-
3,155,850	87,584,638	-	-	1,282,196	45,547	23,385	2,890
238,208	3,167,335	-	-	526,037	530,527	-	-
46,512,515	117,524,482	-	-	33,921,606	434,204	2,307	846
24,075,970	6,174,712	-	-	349,048	33,569,594	20,210,465	12,863,207
21,681,889	63,956,072	-	-	88,570,495	-	-	-
1,472,898	14,513,710	-	-	1,734,061	-	-	-
16,469	467,285	-	-	-	-	-	-
-	-	-	-	-	1,944	-	-
77,635,827	16,570,993	-	-	631,018	-	-	-
6,825,385	17,776,973	-	-	624,163	222,757	120,235	45,875
4,245,659	2,411,302	-	-	27,417	-	-	-
11,953,210	7,302,118	180,589	456,828	12,944	162,790	31,828	94
7,299,288	12,613,533	-	-	151,162	-	-	-
398,849	27,391,662	-	-	2,830,220	-	-	-
4,363,282	6,646,943	232	-	30,307	408,063	85,882	84,307
11,609,394	13,925,158	-	-	941,985	-	-	-
1,385,924	7,195,860	-	-	1,891	-	-	-
-	-	-	-	-	485	-	-
2,912,184	48,110,065	-	-	3,833,529	2,976,940	727,565	429
-	-	-	-	-	19,842	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	31,413	-	-
-	-	-	-	-	157,990	-	-
-	-	-	-	-	3,146	-	-
-	-	-	-	-	46,874	-	-
2,050,363	10,656,252	-	-	117,747	-	-	-
-	4,529,049	-	-	20,088	-	-	-
117,937	24,880,565	-	-	589,948	24,979	8,171	0
-	-	-	-	-	517	-	-
1,513,721	10,310,625	-	-	329,333	-	-	-
-	12,206,984	-	-	55,916	-	-	-
-	-	-	-	-	25,409	-	3,488
-	3,237,668	-	-	145,064	-	-	-
(2,826)	429,215	-	-	1,023	-	-	-
-	-	-	-	-	3,884,037	-	1,880
-	7,820,475	-	-	761,201	-	-	-
-	-	-	-	-	232	-	-
-	-	-	-	-	309,032	-	-
-	759,625	-	-	-	-	-	-
1,757,686	7,511,408	-	-	187,772	-	-	-
6,476,819	2,971,326	-	-	38,262	-	-	-
5,178,581	10,040,756	-	-	537,026	-	-	-
-	-	-	-	-	498,252	-	-
-	136,431	-	-	-	-	-	-
-	-	-	-	-	4,331	523,515	-
56,284,296	57,698,953	-	-	1,220,382	265,465	15,968	9,456
2,866,726	214,928,609	-	1,151,660	773,072	-	-	-
-	24,561,685	-	-	147,245	-	-	-
306,070	49,025,951	-	-	18,238,694	-	-	-
514,984	14,907,621	-	-	2,640,525	-	-	-
-	1,397,144	-	-	-	-	-	-
-	-	-	-	-	-	-	13,021
-	-	-	-	-	-	-	-
-	-	-	-	-	-	1,430	-
-	-	-	-	-	-	25,798	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	229,033	14,696
95,008,684	239,886,844	215,086,929	42,097,825	51,891,831	-	-	-
-	-	-	-	-	3,127	433,988	92,729
-	-	-	-	-	-	1,650,139	916,891
-	-	-	-	-	-	1,850,449	-
7,668,801	42,811,660	-	-	3,941,302	-	-	-
-	-	-	-	-	46,629	522,260	591,382
30,806,236	20,048,113	-	-	-	-	-	-
-	12,122,060	-	15,046,586	-	-	-	-
-	38,248,497	-	-	2,227,281	-	-	-
(10,509)	20,121,664	-	-	-	-	-	-
6,874,070	50,353,934	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	10,585	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,398,508	20,581,547	-	-	-	-	-	-
666,768	164,686,824	-	-	2,600,442	-	-	-
-	-	-	-	-	-	-	-
568,180	4,604,528	-	-	119,281	-	-	-
2,841,800	331,263	-	-	4,845	-	-	-
-	-	-	-	-	1,277	-	-
1,991,284	811,371	-	-	21,669	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	321,805	-
-	-	-	-	-	2,931	1,543,933	711,670
-	-	-	-	-	-	20,788	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	356,816	-	-
-	-	-	-	-	331,314	-	-
519,408	14,596,471	-	-	180,159	-	-	-

[illegible]

-	-	-	-	-	158,170	34,483	8,541,091
-	-	-	-	-	13,373	5,163,756	80,790,881
-	-	-	-	-	-	63,093	2,064,623
-	-	-	-	-	-	54,471	4,222,649
-	-	-	-	-	-	40,279	155,442
-	-	-	-	-	21,660	262,196	4,962,212
-	-	-	-	-	2,415,092	2,377,770	26,609,450
-	-	-	-	-	-	83,447	2,771,763
-	-	-	-	-	4,583	16,136	-
-	-	-	-	-	-	-	2,451
-	-	-	-	-	-	-	2,049
-	-	-	-	-	-	19,241	-
-	-	-	-	-	-	38,757	22
-	-	-	-	-	-	-	123
-	-	-	-	-	-	-	(47,687)
-	-	-	-	-	-	2,466	17,195
-	-	-	-	-	-	-	3,666
-	-	-	-	-	-	149,676	91,972
-	-	-	-	-	-	23,448	17,367
-	-	-	-	-	3,995	-	-
-	-	-	-	-	-	154,829	-
-	-	-	-	-	-	-	37,984
-	-	-	-	-	-	16,955	31,589
-	-	-	-	-	-	71,448	-
-	-	-	-	-	-	25,705	2,046,562
-	-	-	-	-	-	61,263	-
-	-	-	-	-	-	41,604	-
-	-	-	-	-	-	304,708	-
-	-	-	-	-	-	281,905	12,693
-	-	-	-	-	-	14,955	-
-	-	-	-	-	-	58,264	17,508
-	-	-	-	-	-	-	24,710
-	-	-	-	-	-	44,342	-
-	-	-	-	-	4,415	-	-
-	-	-	-	-	-	59,249	-
-	-	-	-	-	-	14,957	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	0
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	14,882
-	-	-	-	-	-	15,418	74,641
-	-	-	-	-	-	-	9,627
-	-	-	-	-	53,193	-	119,219
-	-	-	-	-	-	234	1,156,662
-	-	-	-	-	24,167	-	15,397
-	-	-	-	-	801,825	-	-
-	-	-	-	-	573,588	6,991	-
-	-	-	-	-	-	-	(251)
-	-	-	-	-	-	116,483	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	424,747
-	-	-	-	-	-	5,566	-
-	-	-	-	-	-	-	526,259
-	-	-	-	-	-	-	1,071,949
-	-	-	-	-	-	-	1,690,353
-	-	-	-	-	-	-	911,750
-	-	-	-	-	-	13,050	-
-	-	-	-	-	-	89,829	275,391
-	-	-	-	-	-	40,153	-
-	-	-	-	-	-	52,173	-
-	-	-	-	-	-	-	76,359
-	-	-	-	-	-	66,626	652,233
-	-	-	-	-	-	11,023	149,257
-	-	-	-	-	-	-	3,072
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	397,008
-	-	-	-	-	-	15,551	367,757
-	-	-	-	-	-	-	692,110
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	644,295
-	-	-	-	-	-	19,046	220,467
-	-	-	-	-	-	-	499,396
-	-	-	-	-	-	20,403	56,150
-	-	-	-	-	-	13,596	-
-	-	-	-	-	-	20,750	-
-	-	-	-	-	-	-	23,032
-	-	-	-	-	-	-	7,606
-	-	-	-	-	-	43,167	-
-	-	-	-	-	-	-	531,131
-	-	-	-	-	-	16,835	525,170
-	-	-	-	-	-	-	206,393
-	-	-	-	-	-	1,282	17,343
-	-	-	-	-	-	-	17,327
-	-	-	-	-	-	-	-
-	-	-	-	-	-	57,591	-
-	-	-	-	-	-	-	114,340
-	-	-	-	-	-	-	3,790
-	-	-	-	-	-	-	17,255
-	-	-	-	-	-	-	-
-	-	-	-	-	-	1,963	17,658
-	-	-	-	-	-	-	58,207
-	-	-	-	-	-	14,314	128,669
-	-	-	-	-	-	93,280	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	58,101
-	-	-	-	-	-	32,505	-
-	-	-	-	-	-	534,161	-
-	-	-	-	-	-	-	24,273
-	-	-	-	-	241,262	-	-
-	-	-	-	-	-	-	230,879
-	-	-	-	-	-	-	41,148
-	-	-	-	-	-	50,680	-



-	-	-	-	-	11,308	-	-
-	-	-	-	-	-	12,346	96,987
-	-	-	-	-	-	-	21,384
-	-	-	-	-	4,664,177	-	-
-	-	-	-	-	-	-	1,702
-	-	-	-	-	106,825	948,872	11,405,870
-	-	-	-	-	25,609	996,193	9,977,748
-	-	-	-	-	139,611	1,131,358	12,466,696
-	-	-	-	-	-	58,798	668,910
-	-	-	-	-	154,446	791,024	12,317,654
-	-	-	-	-	-	-	35,320
-	-	-	-	-	-	1,389,452	10,473,162
-	-	-	-	-	969,397	1,517,116	16,317,469
-	-	-	-	-	-	715,679	13,346,970
-	-	-	-	-	285,201	1,069,714	9,613,080
-	-	-	-	-	83,538	1,248,278	20,224,044
-	-	-	-	-	33,940	530,026	12,004,887
-	-	-	-	-	29,280	1,477,177	14,737,644
-	-	-	-	-	17,579	512,277	10,846,484
-	-	-	-	-	19,474	666,241	11,822,378
-	-	-	-	-	-	41,871	912,016
-	-	-	-	-	45,514	2,732,789	25,888,260
-	-	-	-	-	-	250,900	2,735,419
-	-	-	-	-	20,210	1,586,414	16,634,417
-	-	-	-	-	22,426	1,796,115	11,561,373
-	-	-	-	-	-	1,985,276	21,664,365
-	-	-	-	-	1,154,541	2,612,000	18,805,490
-	-	-	-	-	70,286	49,796	4,599,291
-	-	-	-	-	116	416,451	5,837,477
-	-	-	-	-	-	18,045	283,935
-	-	-	-	-	-	112,531	7,319,519
-	-	-	-	-	152,559	1,723,775	9,593,799
-	-	-	-	-	44,689	802,463	21,722,353
-	-	-	-	-	22,819	1,337,012	14,804,334
-	-	-	-	-	174,875	665,463	5,785,095
-	-	-	-	-	27,167	405,785	2,858,479
-	-	-	-	-	27,870	2,639,595	23,488,552
-	-	-	-	-	34,673	1,742,542	18,213,639
-	-	-	-	-	39,144	-	23,873
-	-	-	-	-	-	218,704	1,530,163
-	-	-	-	-	-	64,707	8,062,137
-	-	-	-	-	-	-	-
-	-	-	-	-	-	175,506	1,357,312
-	-	-	-	-	2,976	463	315,815
-	-	-	-	-	-	-	11,459
-	-	-	-	-	-	1,594,106	15,774,986
-	-	-	-	-	166,697	2,179,684	17,116,719
-	-	-	-	-	7,139	178,624	1,813,749
-	-	-	-	-	2,880	937,785	11,494,755
-	-	-	-	-	161,883	971,971	7,628,194
-	-	-	-	-	25,836	1,003,523	11,493,421
-	-	-	-	-	22,150	549,922	12,727,463
-	-	-	-	-	81,206	2,645,794	14,321,068
-	-	-	-	-	23,090	681,721	17,064,090
-	-	-	-	-	-	-	87,113
-	-	-	-	-	-	-	15,844
-	-	-	-	-	-	-	6,807
-	-	-	-	-	42,272	1,760,772	11,595,378
-	-	-	-	-	-	540,962	6,278,276
-	-	-	-	-	23,493	1,164,874	9,830,861
-	-	-	-	-	4,913	140,330	901,027
-	-	-	-	-	125,967	474,245	16,568,087
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	6,894	59,447
-	-	-	-	-	-	22,511	440,016
-	-	-	-	-	-	-	-
-	-	-	-	-	-	15,598	-
-	-	-	-	-	-	40,911	-
-	-	-	-	-	82,401	5,774,614	17,139,102
-	-	-	-	-	-	15,642	27,225
-	-	-	-	-	-	15,110	81,054
-	-	-	-	-	1,488,635	-	-
-	-	-	-	-	-	209,778	1,283,195
-	-	-	-	-	-	-	5,725
-	-	-	-	-	104,923	786,407	6,346,547
-	-	-	-	-	-	20,720	21,911
-	-	-	-	-	-	-	882,819
-	-	-	-	-	-	-	132,416
-	-	-	-	-	-	48,986	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	60,590	-
-	-	-	-	-	-	13,167	-
-	-	-	-	-	-	6,894	2,107
-	-	-	-	-	-	17,716	30,776
-	-	-	-	-	-	-	17,438
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	4,236
-	-	-	-	-	-	18,135	22,159
-	-	-	-	-	-	-	-
-	-	-	-	-	-	23,195	-
-	-	-	-	-	-	17,764	21,919
-	-	-	-	-	-	8,651	-
-	-	-	-	-	-	533,657	5,405,641
-	-	-	-	-	-	6,894	-
-	-	-	-	-	-	38,186	752,092
-	-	-	-	-	-	29,827	575,051
-	-	-	-	-	-	51,653	806,250
-	-	-	-	-	-	-	408,189
-	-	-	-	-	-	25,366	1,061,136
-	-	-	-	-	-	26,170	2,314,603
-	-	-	-	-	-	1,022	921

-	-	-	-	-	-	5,398	226,460
-	-	-	-	-	-	4,899	236,563
-	-	-	-	-	532	6,214	432,703
-	-	-	-	-	-	112,388	2,464,391
-	-	-	-	-	-	-	45,594
-	-	-	-	-	-	-	11,755
-	-	-	-	-	-	-	53,056
-	-	-	-	-	-	-	8,814
-	-	-	-	-	-	-	39,130
-	-	-	-	-	-	-	119,704
-	-	-	-	-	-	-	83,150
-	-	-	-	-	-	-	74,085
-	-	-	-	-	-	42,538	654,012
-	-	-	-	-	51,172	1,318,127	11,941,044
-	-	-	-	-	20,961	1,435,426	18,719,153
-	-	-	-	-	12,179	172,017	2,017,154
-	-	-	-	-	222,600	954,064	14,192,396
-	-	-	-	-	-	4,398,452	16,249,068
-	-	-	-	-	560,579	1,276,125	14,081,820
-	-	-	-	-	120	4,440	935,204
-	-	-	-	-	-	-	151,193
-	-	-	-	-	-	78,655	1,082,686
-	-	-	-	-	-	5,170	1,098,304
-	-	-	-	-	-	-	36,557
-	-	-	-	-	91,119	1,699,133	4,796,344
-	-	-	-	-	-	128,640	663,664
-	-	-	-	-	942,487	17,386	-
-	-	-	-	-	-	-	27,725
-	-	-	-	-	-	-	128,972
-	-	-	-	-	4,671	-	-
-	-	-	-	-	1,188,142	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	527,316
-	-	-	-	-	-	-	103,401,940
-	-	-	-	-	-	12,869	-
-	-	-	-	-	-	8,929	-
-	-	-	-	-	631	-	-
-	-	-	-	-	-	24,152	-
-	-	-	-	-	-	5,739	-
-	-	-	-	-	-	17,757	-
-	-	-	-	-	-	575	-
-	-	-	-	-	-	4,164	-
-	-	-	-	-	-	3,804	-
-	-	-	-	-	-	3,652	-
-	-	-	-	-	-	-	9,057
-	-	-	-	-	-	40,181	-
-	-	-	-	-	-	27,085	-
-	-	-	-	-	-	-	7,141
-	-	-	-	-	-	29,219	-
-	-	-	-	-	-	23,749	-
-	-	-	-	-	-	4,862	-
-	-	-	-	-	-	42,738	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	13,523	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	79,333
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	22,342	-
-	-	-	-	-	-	6,520	-
-	-	-	-	-	-	45,573	-
-	-	-	-	-	-	22,868	-
-	-	-	-	-	-	19,651	-
-	-	-	-	-	-	189,720	-
-	-	-	-	-	-	15,935	-
-	-	-	-	-	-	34,835	-
-	-	-	-	-	-	704	-
-	-	-	-	-	-	32,989	-
-	-	-	-	-	-	85,156	-
-	-	-	-	-	-	55,761	-
-	-	-	-	-	-	30,708	-
-	-	-	-	-	-	3,215	-
-	-	-	-	-	-	-	2,597,299
-	-	-	-	-	-	-	2,488,614
-	-	-	-	-	-	-	5,007,603
-	-	-	-	-	7,766	-	2,721,697
-	-	-	-	-	-	-	17,125
-	-	-	-	-	119,513	1,940,310	10,421,347
-	-	-	-	-	27,809	1,636,175	11,326,951
-	-	-	-	-	189,886	831,781	13,336,403
-	-	-	-	-	40,720	745,980	20,182,644
-	-	-	-	-	327,844	-	-
-	-	-	-	-	-	2,770	-
-	-	-	-	-	-	57,897	7,293
-	-	-	-	-	-	9,939	-
-	-	-	-	-	-	13,544	-
-	-	-	-	-	-	24,846	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	7,735
-	-	-	-	-	-	9,177	-
-	-	-	-	-	-	-	7,635
-	-	-	-	-	-	8,994	-
-	-	-	-	-	-	13,259	-
-	-	-	-	-	-	11,480	-
-	-	-	-	-	-	-	9,285,586
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	6,944	-
-	-	-	-	-	-	51,570	3,887
-	-	-	-	-	-	15,470	-
-	-	-	-	-	-	82,794	-

-	-	-	-	-	-	-	-
-	-	-	-	-	-	33,804	17,431
-	-	-	-	-	-	-	9,895
-	-	-	-	-	-	11,023	29,527
-	-	-	-	-	-	-	6,367
-	-	-	-	-	-	12,069	7,801
-	-	-	-	-	-	-	23,342
-	-	-	-	-	-	-	23,000
-	-	-	-	-	-	-	33,913
-	-	-	-	-	-	-	118,097
-	-	-	-	-	-	1,760	-
-	-	-	-	-	-	29,558	21,359
-	-	-	-	-	-	31,005	-
-	-	-	-	-	-	31,398	-
-	-	-	-	-	-	12,856	-
-	-	-	-	-	-	14,975	-
-	-	-	-	-	-	-	49,398
-	-	-	-	-	-	12,712	-
-	-	-	-	-	-	6,957	-
-	-	-	-	-	-	6,957	-
-	-	-	-	-	-	20,469	-
-	-	-	-	-	-	6,944	-
-	-	-	-	-	-	19,356	-
-	-	-	-	-	-	558	-
-	-	-	-	-	-	6,317	-
-	-	-	-	-	-	6,499	-
-	-	-	-	-	-	9,217,544	22,624,068
-	-	-	-	-	-	-	23,430
-	-	-	-	-	-	21,176	-
-	-	-	-	-	-	10,350	68,974
-	-	-	-	-	-	471,546	69,402
-	-	-	-	-	-	60,018	-
-	-	-	-	-	-	301,990	-
-	-	-	-	-	-	18,619	-
-	-	-	-	-	-	35,561	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	4,043	-
-	-	-	-	-	-	41,635	69,695
-	-	-	-	-	-	10,762	-
-	-	-	-	-	-	16,856	-
-	-	-	-	-	-	33,678	-
-	-	-	-	-	-	70,273	-
-	-	-	-	-	-	19,277	-
-	-	-	-	-	-	8,977	-
-	-	-	-	-	-	30,118	-
-	-	-	-	-	-	8,090	-
-	-	-	-	-	-	21,278	-
-	-	-	-	-	-	8,898	-
-	-	-	-	-	-	-	-
-	-	-	-	-	5,801	-	-
-	-	-	-	-	-	66,934	-
-	-	-	-	-	-	44,558	-
-	-	-	-	-	-	21,532	-
-	-	-	-	-	-	59,194	-
-	-	-	-	-	-	37,411	-
-	-	-	-	-	-	14,630	-
-	-	-	-	-	-	13,562	-
-	-	-	-	-	-	12,855	-
-	-	-	-	-	-	15,135	-
-	-	-	-	-	-	103,197	-
-	-	-	-	-	-	15,611	-
-	-	-	-	-	-	29,219	-
-	-	-	-	-	-	5,855	-
-	-	-	-	-	-	48,114	-
-	-	-	-	-	-	-	9,775
-	-	-	-	-	-	129,731	-
-	-	-	-	-	1,200	-	189,559
-	-	-	-	-	-	83,831	2,450
-	-	-	-	-	-	-	-
-	-	-	-	-	-	27,803	-
-	-	-	-	-	73,306	-	-
-	-	-	-	-	-	117,952	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	21,769	-
-	-	-	-	-	-	62,236	-
-	-	-	-	-	-	37,527	-
-	-	-	-	-	-	47,115	-
-	-	-	-	-	-	16,683	-
-	-	-	-	-	-	15,616	-
-	-	-	-	-	-	4,087	-
-	-	-	-	-	-	566,817	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	13,741	-
-	-	-	-	-	-	46,196	-
-	-	-	-	-	-	29,892	-
-	-	-	-	-	-	34,308	-
-	-	-	-	-	-	9,846	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	105,305	-
-	-	-	-	-	-	23,963	-
-	-	-	-	-	-	29,034	-
-	-	-	-	-	-	30,789	-
-	-	-	-	-	-	59,490	-
-	-	-	-	-	-	103,392	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	28,566	-
-	-	-	-	-	-	113,131	-
-	-	-	-	-	-	36,798	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	32,077	-

-	-	-	-	-	-	162,536	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	12,334	-
-	-	-	-	-	-	80,195	-
-	-	-	-	-	-	5,050	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	15,678	-
-	-	-	-	-	-	11,776	-
-	-	-	-	-	-	61,853	-
-	-	-	-	-	-	43,900	-
-	-	-	-	-	-	55,476	-
-	-	-	-	-	-	23,648	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	41,774	-
-	-	-	-	-	-	54,966	-
-	-	-	-	-	-	41,774	-
-	-	-	-	-	-	29,599	-
-	-	-	-	-	-	28,746	-
-	-	-	-	-	-	27,833	-
-	-	-	-	-	-	-	22,357
-	-	-	-	-	-	10,675	-
-	-	-	-	-	-	38,810	-
-	-	-	-	-	-	9,588	-
-	-	-	-	-	-	52,769	-
-	-	-	-	-	-	33,172	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	49,005	-
-	-	-	-	-	-	28,209	-
-	-	-	-	-	-	15,937	-
-	-	-	-	-	-	9,975	-
-	-	-	-	-	-	-	3,984
-	-	-	-	-	-	-	-
-	-	-	-	-	-	123,485	-
-	-	-	-	-	-	124,407	-
-	-	-	-	-	-	54,242	-
-	-	-	-	-	-	77,349	-
-	-	-	-	-	-	10,853	-
-	-	-	-	-	-	104,892	-
-	-	-	-	-	-	18,935	-
-	-	-	-	-	-	16,794	-
-	-	-	-	-	-	-	8,518
-	-	-	-	-	-	-	11,755,007
-	-	-	-	-	-	852,313	3,399,225
-	-	-	-	-	-	-	83,876
-	-	-	-	-	302,392	4,527,215	36,508,281
-	-	-	-	-	-	118,266	5,948,813
-	-	-	-	-	-	-	978,557
-	-	-	-	-	-	114,149	1,702,180
-	-	-	-	-	-	664,048	5,535,069
-	-	-	-	-	-	-	443,747
-	-	-	-	-	-	-	605,216
-	-	-	-	-	19,613	4,058,530	29,949,136
-	-	-	-	-	2,031,347	57,579,790	128,865,947
-	-	-	-	-	457,530	8,081,903	67,237,317
-	-	-	-	-	285,620	12,786,138	38,615,233
-	-	-	-	-	2,100,227	5,103,699	39,939,309
-	-	-	-	-	62,281	6,384,881	31,189,559
-	-	-	-	-	97,213	919,039	5,843,440
-	-	-	-	-	13,018	10,137	1,690,097
-	-	-	-	-	8,363	381,407	1,460,728
-	-	-	-	-	394,843	15,794,175	58,727,308
-	-	-	-	-	7,243	965,656	30,718,467
-	-	-	-	-	123,342	1,287,154	-
-	-	-	-	-	-	355,436	17,354,717
-	-	-	-	-	7,964	572,052	11,488,119
-	-	-	-	-	48,811	462,316	8,844,921
-	-	-	-	-	1,824	188,269	4,146,644
-	-	-	-	-	970,263	1,400,340	4,603,592
-	-	-	-	-	236,194	5,534,344	31,871,974
-	-	-	-	-	184,091	9,155,331	65,812,535
-	-	-	-	-	111,063	-	-
-	-	-	-	-	149,547	3,419,359	39,512,151
-	-	-	-	-	34,437	9,755,838	103,607,918
-	-	-	-	-	-	16,091	206,309
-	-	-	-	-	52,109	19,344,990	63,690,756
-	-	-	-	-	1,370,096	14,168,282	61,394,528
-	-	-	-	-	311,358	27,260,458	124,097,553
-	-	-	-	-	678,278	6,785,584	29,649,782
-	-	-	-	-	164,680	9,687,571	26,009,642
-	-	-	-	-	164,747	5,139,310	59,928,099
-	-	-	-	-	1,231,926	3,583,556	23,472,262
-	-	-	-	-	86,188	4,862,265	58,664,451
-	-	-	-	-	270,570	5,678,689	62,336,175
-	-	-	-	-	71,802	4,995,121	49,204,691
-	-	-	-	-	813,416	4,480,948	44,467,566
-	-	-	-	-	59,737	3,846,934	59,601,547
-	-	-	-	-	390,538	2,608,277	28,718,991
-	-	-	-	-	557,976	11,310,418	75,559,047
-	-	-	-	-	186,144	3,938,338	51,602,074
-	-	-	-	-	-	-	114,413
-	-	-	-	-	-	20,129	175,614
-	-	-	-	-	1,285,900	-	-
-	-	-	-	-	-	-	6,416
-	-	-	-	-	-	973,459	4,058,098
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

[illegible]

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

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

3. Current FERC methodology for transformer bank circuit breakers

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

4. Classification of Distribution Plant

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

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2022 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		
ACTON SUB	5365	66kV	466,446	2,218,764	7,965,365	10,650,574	-	-	-	466,446	2,218,764	7,965,365	Non-ISO	
GORMAN SUB	5512	66kV	383	508,787	5,685,228	6,194,397	-	-	-	383	508,787	5,685,228	Non-ISO	
ANAVERDE SUB	5539	66kV	157	819,892	10,157,325	10,977,375	-	-	-	157	819,892	10,157,325	Non-ISO	
CORUM SUB	5547	66kV	384	1,848,744	2,349,365	4,198,493	-	-	-	384	1,848,744	2,349,365	Non-ISO	
QUARTZ HILL SUB	5566	66kV	15,905	554,623	7,432,951	8,003,478	-	-	-	15,905	554,623	7,432,951	Non-ISO	
RITTER SUB	8504	66kV	-	603,492	8,911,610	9,515,101	-	-	-	-	603,492	8,911,610	Non-ISO	
DIV MTCE / OVERHAUL MNGT	1000	66kV	-	-	227	227	-	-	-	-	-	227	Non-ISO	
HUNTINGTON BCH GEN STATN	1610	220kV	-	-	126,169	126,169	-	-	-	-	-	126,169	Non-ISO	
PALOVERDE-COMMON 1,2,3	1867	500kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
HUNTINGTON LK(FP2175)	2110	66kV	-	-	61,855	61,855	-	-	-	-	-	61,855	Non-ISO	
SHAVER LAKE (FP 67)	2120	66kV	-	-	56,093	56,093	-	-	-	-	-	56,093	Non-ISO	
BIG CREEK CANYON	2202	220kV	-	-	99,245	99,245	-	-	-	-	-	99,245	Non-ISO	
BIG CREEK NO.1	2211	220kV	-	157,933	19,882	177,814	-	-	-	-	157,933	19,882	Non-ISO	
BIG CREEK NO.8	2229	220kV	-	-	(0)	(0)	-	-	-	-	-	(0)	Non-ISO	
BIG CREEK NO.3	2230	220kV	-	-	271,299	271,299	-	-	-	-	-	271,299	Non-ISO	
BIG CREEK NO.2A	2234	220kV	-	-	46,173	46,173	-	-	-	-	-	46,173	Non-ISO	
PORTAL POWER PLANT	2237	33kV & Below	-	-	26,636	26,636	-	-	-	-	-	26,636	Non-ISO	
MAMMOTH POOL	2238	220kV	-	-	91,293	91,293	-	-	-	-	-	91,293	Non-ISO	
EASTWOOD POWER STATION	2239	33kV & Below	-	-	-	-	-	-	-	-	-	-	Non-ISO	
TIMBERWINE SUBSTATION	2260	33kV & Below	-	1,249,353	3,385,440	4,634,794	-	-	-	-	1,249,353	3,385,440	Non-ISO	
EAST END HYDRO SHP FACLTY	2304	-	-	9,117	-	9,117	-	-	-	-	9,117	-	Non-ISO	
KERN RIVER NO.1	2313	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BOREL	2314	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
SANTA ANA NO.1	2315	33kV & Below	-	-	85,969	85,969	-	-	-	-	-	85,969	Non-ISO	
SANTA ANA NO.3	2317	33kV & Below	-	69,035	727,835	796,870	-	-	-	-	69,035	727,835	Non-ISO	
MILL CREEK NO.1	2318	33kV & Below	-	-	70,541	70,541	-	-	-	-	-	70,541	Non-ISO	
MILL CREEK NO.2&3	2319	33kV & Below	4	-	5,386	5,391	-	-	-	4	-	5,386	Non-ISO	
LYTLE CREEK NO.1	2320	33kV & Below	-	-	47,967	47,967	-	-	-	-	-	47,967	Non-ISO	
KAWEAH NO.1	2324	66kV	-	57,290	531,283	588,572	-	-	-	-	57,290	531,283	Non-ISO	
LOWER TULE RIVER	2327	66kV	-	-	70,031	70,031	-	-	-	-	-	70,031	Non-ISO	
KERN RIVER #3	2328	66kV	-	(20,170)	1,540,687	1,520,517	-	-	-	-	(20,170)	1,540,687	Non-ISO	
ONTARIO NO.1	2331	33kV & Below	-	-	410,379	410,379	-	-	-	-	-	410,379	Non-ISO	
EASTERN HYDRO REGION	2500	55kV	-	-	110,283	110,283	-	-	-	-	-	110,283	Non-ISO	
POOLE	2512	33kV & Below	-	-	244	244	-	-	-	-	-	244	Non-ISO	
RUSH CREEK	2514	115kV	-	-	96,338	96,338	-	-	-	-	-	96,338	Non-ISO	
BISHOP CREEK NO.2	2522	55kV	-	62,237	406,805	469,042	-	-	-	-	62,237	406,805	Non-ISO	
BISHOP CREEK NO.3	2523	33kV & Below	-	-	144,854	144,854	-	-	-	-	-	144,854	Non-ISO	
BISHOP CREEK NO.4	2524	33kV & Below	-	-	1,002,881	1,002,881	-	-	-	-	-	1,002,881	Non-ISO	
BISHOP CREEK NO.5	2525	33kV & Below	-	-	79,163	79,163	-	-	-	-	-	79,163	Non-ISO	
BISHOP CREEK NO.6	2526	33kV & Below	-	-	82,671	82,671	-	-	-	-	-	82,671	Non-ISO	
CONTROL STATION	2556	115kV	-	(0)	-	(0)	-	-	-	-	(0)	-	Non-ISO	
CASA DIABLO	2557	115kV	-	-	569,516	569,516	-	-	-	-	-	569,516	Non-ISO	
LUNDY	2560 & 2510	55kV	-	-	45,508	45,508	-	-	-	-	-	45,508	Non-ISO	
LEE VINING	2561	115kV	-	-	41,579	41,579	-	-	-	-	-	41,579	Non-ISO	
INYO	2570	220kV	-	-	13,269	13,269	-	-	-	-	-	13,269	Non-ISO	
SHERWIN	2571	115kV	-	-	97,743	97,743	-	-	-	-	-	97,743	Non-ISO	
BRIDGEPORT (OLD)	2580	33kV & Below	138	1,412	6,429	7,979	-	-	-	138	1,412	6,429	Non-ISO	
ZACK	2582	55kV	7,434	886,772	10,434,570	11,328,777	-	-	-	7,434	886,772	10,434,570	Non-ISO	
JUNE LAKE	2583	33kV & Below	-	16,176	792,337	808,514	-	-	-	-	16,176	792,337	Non-ISO	
DEEP SPRINGS	2589	55kV	-	1,191	780,470	781,661	-	-	-	-	1,191	780,470	Non-ISO	
WHITE MOUNTAIN RADIO	2594	55kV	-	-	2,232,539	2,232,539	-	-	-	-	-	2,232,539	Non-ISO	
MT. TOM	2598	55kV	-	46,013	4,308,723	4,354,735	-	-	-	-	46,013	4,308,723	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	1,452,983	1,615,156	-	-	-	24,261	137,912	1,452,983	Non-ISO	
SKILAND	2611	33kV & Below	62,995	227,115	3,321,944	3,612,054	-	-	-	62,995	227,115	3,321,944	Non-ISO	
MINARET	2612	33kV & Below	-	362,477	1,786,460	2,148,937	-	-	-	-	362,477	1,786,460	Non-ISO	
ELLWD ENGY SPPT FAC-GS TB	3020	-	-	-	9,065	9,065	-	-	-	-	-	9,065	Non-ISO	
CATALINA ISLAND-DIESEL	3064	66kV	-	9,740,277	19,225,747	28,966,024	-	-	-	-	9,740,277	19,225,747	Non-ISO	
CLWTR COMG CYCLE GEN STN	3393	33kV & Below	-	175,075	-	175,075	-	-	-	-	175,075	-	Non-ISO	
TRANSMISSION CONST& MTCE	4000	66kV	-	10,186	-	10,186	-	-	-	-	10,186	-	Non-ISO	
33 AND 66 KV LINES	4105	66kV	689,533	-	-	689,533	-	-	-	689,533	-	-	Non-ISO	
EASTERN T/S REGION	4500	66kV	-	52,105	-	52,105	-	-	-	-	52,105	-	Non-ISO	
NRTHN T/S REGION	4600	66kV	-	856,441	-	856,441	-	-	-	-	856,441	-	Non-ISO	
33&66KV LNS IN NRTHEN T/S	4605	66kV	83,844	-	-	83,844	-	-	-	83,844	-	-	Non-ISO	
115 KV LNS, ESTN T/S REG	4750	115kV	1,837	-	-	1,837	-	-	-	1,837	-	-	Non-ISO	

SOUTHERN CALIFORNIA EDISON COMPANY

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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		
RUSH SUB	5116	66kV	8,707	473,283	7,673,669	8,155,660	-	-	-	8,707	473,283	7,673,669	Non-ISO	
BREW SUB	5119	66kV	-	53,469	537,311	590,780	-	-	-	-	53,469	537,311	Non-ISO	
FEDERALGEN SUB	5120	66kV	-	10,678	963,843	974,522	-	-	-	-	10,678	963,843	Non-ISO	
GARFIELD SUB	5121	66kV	10,257	380,790	7,514,155	7,905,202	-	-	-	10,257	380,790	7,514,155	Non-ISO	
GARVEY SUB	5122	33kV & Below	2,182	519,843	3,893,088	4,415,112	-	-	-	2,182	519,843	3,893,088	Non-ISO	
WEYMOUTH SUB	5123	66kV	-	310,002	389,496	699,498	-	-	-	-	310,002	389,496	Non-ISO	
CRYCO SUB	5125	66kV	-	32,073	1,003,393	1,035,466	-	-	-	-	32,073	1,003,393	Non-ISO	
GRANADA SUB	5126	33kV & Below	4,593	102,009	3,303,648	3,410,249	-	-	-	4,593	102,009	3,303,648	Non-ISO	
OUTFALL SUBSTATION	5127	66kV	-	-	32,971	32,971	-	-	-	-	-	32,971	Non-ISO	
SIMPSON PAPER SUBSTATION	5128	66kV	-	-	790,887	790,887	-	-	-	-	-	790,887	Non-ISO	
REFUSE SUB	5129	66kV	-	19,653	525,755	545,407	-	-	-	-	19,653	525,755	Non-ISO	
LA CANADA SUB	5130	66kV	-	705,985	6,504,479	7,210,464	-	-	-	-	705,985	6,504,479	Non-ISO	
HILLGEN SUB	5131	66kV	-	140,006	2,333,932	2,473,937	-	-	-	-	140,006	2,333,932	Non-ISO	
SIGGEN SUB	5132	66kV	-	22,486	1,280,175	1,302,660	-	-	-	-	22,486	1,280,175	Non-ISO	
MICHILLINDA SUB	5133	33kV & Below	5,712	222,413	3,363,025	3,591,150	-	-	-	5,712	222,413	3,363,025	Non-ISO	
MONROVIA SUB	5134	33kV & Below	966	41,872	6,914,990	6,957,828	-	-	-	966	41,872	6,914,990	Non-ISO	
MONTEBELLO SUB	5135	33kV & Below	1,868	38,791	208,311	248,970	-	-	-	1,868	38,791	208,311	Non-ISO	
NEWMARK SUB	5136	66kV	16,471	2,311,017	15,321,133	17,648,621	-	-	-	16,471	2,311,017	15,321,133	Non-ISO	
CYBER SUB	5137	66kV	-	248,681	843,655	1,092,336	-	-	-	-	248,681	843,655	Non-ISO	
RAMONA SUB	5138	66kV	2,143	227,933	2,490,310	2,720,386	-	-	-	2,143	227,933	2,490,310	Non-ISO	
GENAMIC SUB	5139	66kV	246,412	138,717	2,639,233	3,024,361	-	-	-	246,412	138,717	2,639,233	Non-ISO	
ROSEMEAD SUB	5141	66kV	12,792	1,469,533	8,283,376	9,765,701	-	-	-	12,792	1,469,533	8,283,376	Non-ISO	
SAN GABRIEL SUB	5142	66kV	6,712	100,670	5,450,250	5,557,632	-	-	-	6,712	100,670	5,450,250	Non-ISO	
SAN MARINO SUB	5143	33kV & Below	3,835	116,916	4,868,867	4,989,619	-	-	-	3,835	116,916	4,868,867	Non-ISO	
SIERRA MADRE SUB	5144	33kV & Below	676	1,021,561	4,143,830	5,166,066	-	-	-	676	1,021,561	4,143,830	Non-ISO	
SANGAR SUB	5145	33kV & Below	17,347	20,654	174,044	212,045	-	-	-	17,347	20,654	174,044	Non-ISO	
TERRACE SUB	5146	33kV & Below	4,514	51,288	2,324,121	2,379,923	-	-	-	4,514	51,288	2,324,121	Non-ISO	
PUREAIR SUB	5147	66kV	36,627	2,876	569,670	609,173	-	-	-	36,627	2,876	569,670	Non-ISO	
AEROJET SUB	5148	66kV	-	37,025	418,219	455,244	-	-	-	-	37,025	418,219	Non-ISO	
SO. PACIFIC SUB -PIPELINE	5149	66kV	11,866	34,056	455,235	501,157	-	-	-	11,866	34,056	455,235	Non-ISO	
DUARTE SUB	5150	33kV & Below	11,360	79,683	3,119,538	3,210,581	-	-	-	11,360	79,683	3,119,538	Non-ISO	
HOYTE SUB	5151	33kV & Below	8,899	457,007	1,922,415	2,388,321	-	-	-	8,899	457,007	1,922,415	Non-ISO	
JOSE SUB	5152	66kV	16,667	27,844	532,225	576,736	-	-	-	16,667	27,844	532,225	Non-ISO	
IVAR SUB	5153	33kV & Below	4,184	725,816	3,004,524	3,734,524	-	-	-	4,184	725,816	3,004,524	Non-ISO	
PACKAGE SUB	5154	66kV	16,257	-	-	16,257	-	-	-	16,257	-	-	Non-ISO	
DIEMER SUB	5155	66kV	-	114,878	664,535	779,413	-	-	-	-	114,878	664,535	Non-ISO	
SERVER SUBSTATION 66/16 kV	5156	66kV	-	457,682	4,184,445	4,642,126	-	-	-	-	457,682	4,184,445	Non-ISO	
MT WILSON SUB	5157	33kV & Below	3,524	1,254	-	4,778	-	-	-	3,524	1,254	-	Non-ISO	
ARROYO SUB	5158	66kV	3,910	348,831	12,583,596	12,936,338	-	-	-	3,910	348,831	12,583,596	Non-ISO	
MOBILE 1-9, 14-20 SUB	5159	33kV & Below	-	1,792	102,152	103,944	-	-	-	-	1,792	102,152	Non-ISO	
NIETOS SUB	5160	66kV	19,316	764,061	2,789,349	3,572,726	-	-	-	19,316	764,061	2,789,349	Non-ISO	
AMADOR SUB	5161	66kV	27,986	1,689,797	15,916,677	17,634,459	-	-	-	27,986	1,689,797	15,916,677	Non-ISO	
FAIR OAKS SUB	5162	33kV & Below	9,204	643,132	7,156,216	7,808,552	-	-	-	9,204	643,132	7,156,216	Non-ISO	
REPETTO SUB	5164	66kV	11,399	502,666	13,120,721	13,634,787	-	-	-	11,399	502,666	13,120,721	Non-ISO	
MAYFLOWER SUB	5167	33kV & Below	12,984	121,606	5,643,152	5,777,742	-	-	-	12,984	121,606	5,643,152	Non-ISO	
HARDING SUB	5168	33kV & Below	10,403	2,344	-	12,747	-	-	-	10,403	2,344	-	Non-ISO	
RAYMOND SUB	5169	33kV & Below	-	6,085	31	6,117	-	-	-	-	6,085	31	Non-ISO	
TEMPLE SUB	5170	33kV & Below	16,469	357,808	4,237,782	4,612,058	-	-	-	16,469	357,808	4,237,782	Non-ISO	
BRADBURY SUB	5171	66kV	11,331	409,203	9,402,828	9,823,362	-	-	-	11,331	409,203	9,402,828	Non-ISO	
SHULTZ SUB	5172	66kV	-	43,094	918,879	961,974	-	-	-	-	43,094	918,879	Non-ISO	
SHARON SUB	5173	33kV & Below	21,259	6,427	314,652	342,339	-	-	-	21,259	6,427	314,652	Non-ISO	
VAIL SUB	5175	66kV	52,687	329,069	6,969,856	7,351,611	-	-	-	52,687	329,069	6,969,856	Non-ISO	
KIMBALL SUBSTATION	5176	66kV	924,235	2,035,399	16,557,780	19,517,414	-	-	-	924,235	2,035,399	16,557,780	Non-ISO	
DOCK SUBSTATION	5177	66kV	-	-	429,894	429,894	-	-	-	-	-	429,894	Non-ISO	
KIRK WALL SUBSTATION	5178	66kV	-	-	25,215	25,215	-	-	-	-	-	25,215	Non-ISO	
RAVENDALE SUB	5179	66kV	20,819	276,813	11,027,059	11,324,690	-	-	-	20,819	276,813	11,027,059	Non-ISO	
AIRPAC SUB	5180	66kV	830	-	-	830	-	-	-	830	-	-	Non-ISO	
AZUSA CITY SUB	5181	66kV	-	105,518	2,920,259	3,025,777	-	-	-	-	105,518	2,920,259	Non-ISO	
BADILLO SUB	5182	33kV & Below	4,275	28,372	2,491,									



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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		
TRISONIC SUB	5253	66kV	71	8,765	-	8,836	-	-	-	71	8,765	-	Non-ISO	
HAVEDA SUB	5254	33kV & Below	7,978	42,870	722,938	773,785	-	-	-	7,978	42,870	722,938	Non-ISO	
LUNADA SUB	5255	33kV & Below	4,827	94,195	905,576	1,004,598	-	-	-	4,827	94,195	905,576	Non-ISO	
AMCO SUB	5256	66kV	-	12,217	958,410	970,627	-	-	-	-	12,217	958,410	Non-ISO	
BRIDGE SUB	5257	66kV	23,157	614,343	8,856,723	9,494,224	-	-	-	23,157	614,343	8,856,723	Non-ISO	
SHELLINE	5258	66kV	831	8,054	44,837	53,722	-	-	-	831	8,054	44,837	Non-ISO	
STIRRUP SUB	5259	33kV & Below	15,342	119,409	584,222	718,973	-	-	-	15,342	119,409	584,222	Non-ISO	
COLOSSUS SUB	5260	66kV	-	108,496	1,156,617	1,265,113	-	-	-	-	108,496	1,156,617	Non-ISO	
LOSULFUR SUB	5261	66kV	-	7,488	1,385,971	1,393,459	-	-	-	-	7,488	1,385,971	Non-ISO	
ARCO SUBSTATION	5262	66kV	-	37,488	393,617	431,106	-	-	-	-	37,488	393,617	Non-ISO	
THERMAL SUB	5263	66kV	712	-	-	712	-	-	-	712	-	-	Non-ISO	
CREST SUB	5264	66kV	85,248	618,258	5,829,057	6,532,562	-	-	-	85,248	618,258	5,829,057	Non-ISO	
REFINERY SUB	5265	66kV	-	12,888	363,322	376,211	-	-	-	-	12,888	363,322	Non-ISO	
BLUFF COVE SUB	5266	33kV & Below	17,786	225,766	3,524,360	3,767,913	-	-	-	17,786	225,766	3,524,360	Non-ISO	
SPACE SUB	5267	66kV	1,459	10,369	732,284	744,112	-	-	-	1,459	10,369	732,284	Non-ISO	
TOPAZ SUB	5268	66kV	11,438	27,226	1,512,843	1,551,507	-	-	-	11,438	27,226	1,512,843	Non-ISO	
TORRANCE SUB	5269	66kV	63,292	427,275	7,917,784	8,408,351	-	-	-	63,292	427,275	7,917,784	Non-ISO	
CORNER SUB	5270	66kV	-	8,314	104,325	112,639	-	-	-	-	8,314	104,325	Non-ISO	
TAHITI SUB	5271	66kV	-	807,913	2,701,559	3,509,472	-	-	-	-	807,913	2,701,559	Non-ISO	
LATIGO SUB	5272	66kV	36,792	323,193	5,961,453	6,321,438	-	-	-	36,792	323,193	5,961,453	Non-ISO	
STANHILL SUB	5273	66kV	-	3,970	2,291,422	2,295,392	-	-	-	-	3,970	2,291,422	Non-ISO	
GALAXY SUB	5274	66kV	143	4,008	951,848	956,000	-	-	-	143	4,008	951,848	Non-ISO	
MARYMOUNT SUB	5275	66kV	87,320	1,007,937	2,195,872	3,291,129	-	-	-	87,320	1,007,937	2,195,872	Non-ISO	
AIRCHEM SUB	5276	66kV	-	-	123,845	123,845	-	-	-	-	-	123,845	Non-ISO	
TAPIA SUB	5277	66kV	4,988	2,339,537	25,383,917	27,728,442	-	-	-	4,988	2,339,537	25,383,917	Non-ISO	
WESTHILL SUB	5278	66kV	2,247	28,340	911,715	942,301	-	-	-	2,247	28,340	911,715	Non-ISO	
VARWIND SUB	5279	66kV	-	15,034	11,007	26,041	-	-	-	-	15,034	11,007	Non-ISO	
GATX SUB	5280	66kV	-	38,561	154,038	192,599	-	-	-	-	38,561	154,038	Non-ISO	
CARBOGEN SUB	5281	66kV	-	33,501	2,356,450	2,389,951	-	-	-	-	33,501	2,356,450	Non-ISO	
PALOGEN SUB	5282	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CHEVGEN SUB	5283	66kV	-	207,475	6,270,219	6,477,694	-	-	-	-	207,475	6,270,219	Non-ISO	
XEROX SUBSTATION	5284	66kV	6,307	18,519	815,058	839,884	-	-	-	6,307	18,519	815,058	Non-ISO	
RALPHS SUB (COMPTON)	5285	66kV	13,453	33,798	583,381	630,632	-	-	-	13,453	33,798	583,381	Non-ISO	
TOYOTA SUB	5286	66kV	37,270	38,464	564,772	640,505	-	-	-	37,270	38,464	564,772	Non-ISO	
SONY SUBSTATION	5287	66kV	-	30,821	461,399	492,220	-	-	-	-	30,821	461,399	Non-ISO	
SHRED SUBSTATION	5288	66kV	-	11,633	289,179	300,812	-	-	-	-	11,633	289,179	Non-ISO	
TIDELANDS SUBSTATION	5289	66kV	-	66,089	1,331,273	1,397,361	-	-	-	-	66,089	1,331,273	Non-ISO	
HANJIN SUBSTATION	5290	66kV	-	338,958	6,485,635	6,824,593	-	-	-	-	338,958	6,485,635	Non-ISO	
WASTEWATER SUBSTATION	5291	66kV	-	39,508	455,559	495,068	-	-	-	-	39,508	455,559	Non-ISO	
AIRPRO SUBSTATION	5292	66kV	-	22,499	1,076,063	1,098,561	-	-	-	-	22,499	1,076,063	Non-ISO	
DEL MAR SUBSTATION	5293	66kV	-	43,271	2,064,168	2,107,439	-	-	-	-	43,271	2,064,168	Non-ISO	
MAGMAGEN SUBSTATION	5294	66kV	-	-	144,305	144,305	-	-	-	-	-	144,305	Non-ISO	
CHEVCENTRAL SUB	5295	66kV	-	223,138	5,196,132	5,419,270	-	-	-	-	223,138	5,196,132	Non-ISO	
APL SUBSTATION	5296	66kV	-	34,654	972,924	1,007,578	-	-	-	-	34,654	972,924	Non-ISO	
KIWI SUBSTATION	5298	66kV	-	378	312,741	313,119	-	-	-	-	378	312,741	Non-ISO	
DOWNEY MED SUB	5299	66kV	-	65,809	334,256	400,066	-	-	-	-	65,809	334,256	Non-ISO	
NORTHERN DIVISION	5300	Div Offices & Misc	-	-	598,867	598,867	-	-	-	-	-	598,867	Non-ISO	
PITMAN SUB	5301	33kV & Below	-	701,348	2,956,881	3,658,229	-	-	-	-	701,348	2,956,881	Non-ISO	
BIG CREEK 2	5302	33kV & Below	-	1,561,369	6,711,203	8,272,572	-	-	-	-	1,561,369	6,711,203	Non-ISO	
BLISS SUB	5303	66kV	533	364,971	11,138,889	11,504,393	-	-	-	533	364,971	11,138,889	Non-ISO	
BROWNING SUB	5304	66kV	1,931	797,003	12,833,359	13,632,293	-	-	-	1,931	797,003	12,833,359	Non-ISO	
DELANO SUB	5305	66kV	647	1,301,622	15,268,376	16,570,644	-	-	-	647	1,301,622	15,268,376	Non-ISO	
EARLIMART SUB	5306	66kV	17	374,045	6,574,327	6,948,390	-	-	-	17	374,045	6,574,327	Non-ISO	
EXETER SUB	5307	33kV & Below	2,428	-	64,593	67,021	-	-	-	2,428	-	64,593	Non-ISO	
GLENNVILLE SUB	5308	66kV	-	84,572	1,195,893	1,280,465	-	-	-	-	84,572	1,195,893	Non-ISO	
GOSHEN SUB	5309	66kV	1,398	522,764	12,087,920	12,612,082	-	-	-	1,398	522,764	12,087,920	Non-ISO	
HANFORD SUB	5310	66kV	45,307	819,807	12,414,286	13,279,400	-	-	-	45,307	819,807	12,414,286	Non-ISO	
HAVILAH SUB	5311	66kV	9,406	947,779	4,019,695	4,976,880	-	-	-	9,406	947,779	4,019,695	Non-ISO	
LIBERTY SUB	5312	66kV	8,311	1,265,323	21,229,088	22,502,722	-	-	-	8,311	1,265,323	21,229,088	Non-ISO	
ELCANS SUB	5313	66kV	-	5,324	274,662	279,986	-	-	-	-	5,324	274,662	Non-ISO	

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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		
CANWIND SUB	5405	66kV	-	-	288,543	288,543	-	-	-	-	-	288,543	Non-ISO	
ENWIND SUB	5406	66kV	-	-	905,680	905,680	-	-	-	-	-	905,680	Non-ISO	
MORWIND SUB	5409	66kV	-	-	442,608	442,608	-	-	-	-	-	442,608	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	-	-	1,034,723	1,034,723	-	-	-	-	-	1,034,723	Non-ISO	
SILVER PEAK SUB	5412	55kV	-	-	61,463	61,463	-	-	-	-	-	61,463	Non-ISO	
DUTCHWIND SUB	5414	66kV	-	6,244	258,513	264,757	-	-	-	-	6,244	258,513	Non-ISO	
OAKWIND SUB	5415	66kV	-	-	387,769	387,769	-	-	-	-	-	387,769	Non-ISO	
PURIFY SUBSTATION	5422	66kV	-	313,306	1,056,912	1,370,218	-	-	-	-	313,306	1,056,912	Non-ISO	
SOUTHWIND SUB	5423	66kV	72,875	160,066	1,775,314	2,008,255	-	-	-	72,875	160,066	1,775,314	Non-ISO	
MIDWIND SUB	5424	66kV	65,768	29,124	1,063,781	1,158,673	-	-	-	65,768	29,124	1,063,781	Non-ISO	
ZEEWIND SUB	5425	66kV	-	168	32,191	32,358	-	-	-	-	168	32,191	Non-ISO	
WRIGHTWOOD SUB	5461	33kV & Below	27,650	311,046	7,884,570	8,223,267	-	-	-	27,650	311,046	7,884,570	Non-ISO	
TORTOISE SUB	5462	66kV	-	-	533,122	533,122	-	-	-	-	-	533,122	Non-ISO	
RITEAID SUBSTATION	5463	66kV	-	26,601	587,934	614,535	-	-	-	-	26,601	587,934	Non-ISO	
CORRECTION SUBSTATION	5464	66kV	-	29,688	616,816	646,503	-	-	-	-	29,688	616,816	Non-ISO	
NORTHERN DIV SUB	5500	OFFICES & MISCEI	-	-	(7,294,148)	(7,294,148)	-	-	-	-	-	(7,294,148)	Non-ISO	
TORREY SUB	5502	66kV	1,068	11,012	80,366	92,446	-	-	-	1,068	11,012	80,366	Non-ISO	
CARPINTERIA SUB	5503	66kV	3,006	726,925	18,377,742	19,107,674	-	-	-	3,006	726,925	18,377,742	Non-ISO	
CASITAS SUB	5504	66kV	1,190	241,872	6,973,368	7,216,429	-	-	-	1,190	241,872	6,973,368	Non-ISO	
COLONIA SUB	5505	66kV	1,945	377,587	12,027,870	12,407,402	-	-	-	1,945	377,587	12,027,870	Non-ISO	
CHANNEL ISLANDS SUB	5506	66kV	97,258	476,605	4,073,850	4,647,714	-	-	-	97,258	476,605	4,073,850	Non-ISO	
ORTEGA SUB	5507	66kV	319,669	1,285,953	3,248,437	4,854,059	-	-	-	319,669	1,285,953	3,248,437	Non-ISO	
DEL SUR SUB	5508	66kV	1,493	494,658	6,197,136	6,693,287	-	-	-	1,493	494,658	6,197,136	Non-ISO	
OXGEN SUB	5509	66kV	554	86	36,910	37,551	-	-	-	554	86	36,910	Non-ISO	
FILLMORE SUB	5510	66kV	58,777	317,029	7,615,680	7,991,485	-	-	-	58,777	317,029	7,615,680	Non-ISO	
GOLDTOWN SUB	5511	66kV	187	181,745	8,604,282	8,786,215	-	-	-	187	181,745	8,604,282	Non-ISO	
LANCASTER SUB	5514	66kV	-	1,421,171	8,737,132	10,158,303	-	-	-	-	1,421,171	8,737,132	Non-ISO	
COLEGIO SUBSTATION	5515	66kV	-	24,287	1,050,266	1,074,553	-	-	-	-	24,287	1,050,266	Non-ISO	
PROCGEN SUB	5516	66kV	-	74,009	2,679,728	2,753,737	-	-	-	-	74,009	2,679,728	Non-ISO	
CAMARILLO SUB	5517	66kV	28,584	508,877	8,581,434	9,118,895	-	-	-	28,584	508,877	8,581,434	Non-ISO	
LITTLE ROCK SUB	5518	66kV	443	433,463	8,223,432	8,657,338	-	-	-	443	433,463	8,223,432	Non-ISO	
MALIBU SUB	5519	66kV	14,389	485,602	9,001,904	9,501,895	-	-	-	14,389	485,602	9,001,904	Non-ISO	
MODOC SUB	5520	33kV & Below	6,752	181,917	4,470,299	4,658,968	-	-	-	6,752	181,917	4,470,299	Non-ISO	
UNIOIL SUB	5521	66kV	-	25,088	857,257	882,345	-	-	-	-	25,088	857,257	Non-ISO	
SHUTTLE SUB	5522	66kV	11,913	490,778	8,045,326	8,548,018	-	-	-	11,913	490,778	8,045,326	Non-ISO	
NORTHWIND SUB	5523	66kV	-	171,096	1,209,088	1,380,184	-	-	-	-	171,096	1,209,088	Non-ISO	
MONTECITO SUB	5524	33kV & Below	5,859	186,352	1,185,943	1,378,155	-	-	-	5,859	186,352	1,185,943	Non-ISO	
OAK PARK SUB	5525	66kV	389,361	992,749	5,189,482	6,571,591	-	-	-	389,361	992,749	5,189,482	Non-ISO	
OJAI SUB	5526	66kV	18,795	240,829	6,477,167	6,736,791	-	-	-	18,795	240,829	6,477,167	Non-ISO	
OXNARD SUB	5527	33kV & Below	7,735	368,051	1,011,930	1,387,717	-	-	-	7,735	368,051	1,011,930	Non-ISO	
PIERPONT SUB	5528	33kV & Below	1,727	167,975	1,154,257	1,323,960	-	-	-	1,727	167,975	1,154,257	Non-ISO	
PIRU SUB	5529	33kV & Below	-	13,026	-	13,026	-	-	-	-	13,026	-	Non-ISO	
REDMAN WUB	5530	66kV	959	322,689	1,636,044	1,959,693	-	-	-	959	322,689	1,636,044	Non-ISO	
SANTA BARBARA SUB	5531	66kV	36,967	1,059,708	12,977,327	14,074,001	-	-	-	36,967	1,059,708	12,977,327	Non-ISO	
SANTA SUSANA SUB	5532	66kV	5,325	372,694	10,432,280	10,810,300	-	-	-	5,325	372,694	10,432,280	Non-ISO	
MCGRATH BEACH PEAKER SUB	5533	66kV	-	734,564	2,853,307	3,587,871	-	-	-	-	734,564	2,853,307	Non-ISO	
SATICOY SUB	5534	66kV	12,556	2,489,000	6,324,050	8,825,606	-	-	-	12,556	2,489,000	6,324,050	Non-ISO	
CHARMIN SUB	5535	66kV	10,253	25,441	1,668,542	1,704,236	-	-	-	10,253	25,441	1,668,542	Non-ISO	
SOMIS SUB	5536	66kV	2,602	985,131	4,311,715	5,299,448	-	-	-	2,602	985,131	4,311,715	Non-ISO	
VENTURA SUB	5538	33kV & Below	3,099	3,466,671	997,342	4,467,112	-	-	-	3,099	3,466,671	997,342	Non-ISO	
ROSAMOND SUB	5541	66kV	1,088	2,109,549	13,348,375	15,459,012	-	-	-	1,088	2,109,549	13,348,375	Non-ISO	
NORTH OAKS	5542	66kV	141,650	371,076	16,247,333	16,760,060	-	-	-	141,650	371,076	16,247,333	Non-ISO	
WILLAMETTE SUB	5543	66kV	-	21,159	548,716	569,875	-	-	-	-	21,159	548,716	Non-ISO	
CAMAR SUB	5544	33kV & Below	-	1,173	-	1,173	-	-	-	-	1,173	-	Non-ISO	
PIUTE SUB	5545	66kV	3,757	207,570	6,433,131	6,644,458	-	-	-	3,757	207,570	6,433,131	Non-ISO	
ELIZABETH LAKE SUB	5546	66kV	86,331	266,398	9,226,032	9,578,762	-	-	-	86,331	266,398	9,226,032	Non-ISO	
OASIS SUB	5548	66kV	5,188	1,221,238	9,178,759	10,405,185	-	-	-	5,188	1,221,238	9,178,759	Non-ISO	
PORTER SUB	5549	33kV & Below	881	183,660	535,795	72								

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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		
JUNCTION SUB	5622	33kV & Below	-	134,245	2,307,409	2,441,653	-	-	-	-	134,245	2,307,409	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	453,856	3,679,344	4,137,494	-	-	-	4,295	453,856	3,679,344	Non-ISO	
PEDLEY SUB	5626	66kV	880	104,390	6,882,871	6,988,140	-	-	-	880	104,390	6,882,871	Non-ISO	
POMONA SUB	5627	33kV & Below	7,625	142,520	1,287,929	1,438,073	-	-	-	7,625	142,520	1,287,929	Non-ISO	
TENNESSEE SUB	5628	66kV	18,482	541,066	5,372,902	5,932,450	-	-	-	18,482	541,066	5,372,902	Non-ISO	
REDLANDS SUB	5629	66kV	7,720,827	955,754	12,524,214	21,200,795	-	-	-	7,720,827	955,754	12,524,214	Non-ISO	
GRAPELAND PEAKER SUB	5630	66kV	-	453,226	1,143,236	1,596,462	-	-	-	-	453,226	1,143,236	Non-ISO	
SAN ANTONIO SUB	5631	66kV	5,741	818,319	11,437,278	12,261,338	-	-	-	5,741	818,319	11,437,278	Non-ISO	
STODDARD SUB	5632	33kV & Below	5,802	1,059,274	5,967,851	7,032,926	-	-	-	5,802	1,059,274	5,967,851	Non-ISO	
SAN DIMAS SUB	5633	66kV	6,635	566,146	11,720,482	12,293,262	-	-	-	6,635	566,146	11,720,482	Non-ISO	
KAISER STEEL SUB	5634	66kV	-	-	415,140	415,140	-	-	-	-	-	415,140	Non-ISO	
UPLAND SUB	5635	66kV	4,772	438,305	15,543,512	15,986,589	-	-	-	4,772	438,305	15,543,512	Non-ISO	
YUCAIPA SUB	5636	66kV	6,287	442,234	9,240,554	9,689,075	-	-	-	6,287	442,234	9,240,554	Non-ISO	
TIPPECANOE SUB	5637	33kV & Below	6,560	703,681	4,781,055	5,491,296	-	-	-	6,560	703,681	4,781,055	Non-ISO	
KEM SUB	5638	66kV	-	1,489	545,126	546,616	-	-	-	-	1,489	545,126	Non-ISO	
FRANCIS SUB	5639	66kV	21,324	417,308	5,318,349	5,756,981	-	-	-	21,324	417,308	5,318,349	Non-ISO	
BURNT MILL SUB	5640	33kV & Below	19,322	708,895	7,001,974	7,730,191	-	-	-	19,322	708,895	7,001,974	Non-ISO	
MT VERNON SUB	5641	33kV & Below	5,953	189,984	2,308,849	2,504,787	-	-	-	5,953	189,984	2,308,849	Non-ISO	
EUCLID SUB	5644	33kV & Below	2,156	388,247	1,150,058	1,540,461	-	-	-	2,156	388,247	1,150,058	Non-ISO	
LAYFAIR SUB	5645	66kV	3,268	442,347	8,704,769	9,150,384	-	-	-	3,268	442,347	8,704,769	Non-ISO	
COLTON CEMENT SUB	5646	66kV	-	25,322	992,020	1,017,342	-	-	-	-	25,322	992,020	Non-ISO	
VALENCIA SUB	5647	33kV & Below	8,437	2,275,252	510,393	2,794,082	-	-	-	8,437	2,275,252	510,393	Non-ISO	
NAROD SUB	5648	66kV	6,865	705,701	15,027,223	15,739,788	-	-	-	6,865	705,701	15,027,223	Non-ISO	
LINDE AIR SUB	5650	66kV	-	8,644	1,768,237	1,776,882	-	-	-	-	8,644	1,768,237	Non-ISO	
AMERON SUB	5652	66kV	11,898	14,597	1,557,584	1,584,080	-	-	-	11,898	14,597	1,557,584	Non-ISO	
SMILEY SUB	5653	33kV & Below	1,590	475,672	1,489,971	1,967,234	-	-	-	1,590	475,672	1,489,971	Non-ISO	
REDUCTION SUB	5654	66kV	2,631	287,656	3,701,121	3,991,408	-	-	-	2,631	287,656	3,701,121	Non-ISO	
NOGALES SUB	5655	66kV	23,176	87,310	8,706,378	8,816,864	-	-	-	23,176	87,310	8,706,378	Non-ISO	
BAIN SUB	5656	66kV	28,695	839,304	7,624,907	8,492,907	-	-	-	28,695	839,304	7,624,907	Non-ISO	
WHEEL SUB	5657	66kV	882	-	-	882	-	-	-	882	-	-	Non-ISO	
PIPE SUB	5658	66kV	410	16,221	492,158	508,789	-	-	-	410	16,221	492,158	Non-ISO	
ARCHIBALD SUB	5659	66kV	8,320	432,721	8,809,949	9,250,990	-	-	-	8,320	432,721	8,809,949	Non-ISO	
RUNNING 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	-	-	303,468	303,468	-	-	-	-	-	303,468	Non-ISO	
MILLIKEN SUB	5663	66kV	795,975	578,860	10,873,942	12,248,777	-	-	-	795,975	578,860	10,873,942	Non-ISO	
WIMBLEDON SUB	5664	66kV	-	739,840	10,548,464	11,288,304	-	-	-	-	739,840	10,548,464	Non-ISO	
HAVASU SUB	5665	66kV	2,142	7,329	2,037,519	2,046,990	-	-	-	2,142	7,329	2,037,519	Non-ISO	
ARCHLINE SUB	5667	66kV	19,821	592,297	8,897,691	9,509,808	-	-	-	19,821	592,297	8,897,691	Non-ISO	
CRESTMORE SUB	5668	66kV	850	2,432	42,177	45,459	-	-	-	850	2,432	42,177	Non-ISO	
DEL ROSA SUB	5670	66kV	14,078	1,673,764	9,905,833	11,593,674	-	-	-	14,078	1,673,764	9,905,833	Non-ISO	
ALDER SUB	5672	66kV	8,032	705,773	13,953,952	14,667,756	-	-	-	8,032	705,773	13,953,952	Non-ISO	
WHIPPLE SUB	5674	66kV	14,262	188,999	4,273,835	4,477,096	-	-	-	14,262	188,999	4,273,835	Non-ISO	
CUCAMONGA SUB	5677	66kV	13,341	771,396	9,748,117	10,532,855	-	-	-	13,341	771,396	9,748,117	Non-ISO	
LANDING SUB	5678	66kV	4,700	31,814	4,075,063	4,111,577	-	-	-	4,700	31,814	4,075,063	Non-ISO	
CHASE SUB	5679	66kV	-	530,684	11,246,548	11,777,232	-	-	-	-	530,684	11,246,548	Non-ISO	
DIAMOND BAR SUB	5680	66kV	505,887	322,656	6,311,999	7,140,542	-	-	-	505,887	322,656	6,311,999	Non-ISO	
GARDEN STATE SUB	5681	66kV	-	6,899	19,605	26,504	-	-	-	-	6,899	19,605	Non-ISO	
UNIMED SUB	5682	66kV	-	48,746	508,940	557,685	-	-	-	-	48,746	508,940	Non-ISO	
DELGEN SUB	5683	66kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
CIMGEN SUB	5685	66kV	-	13,700	293,127	306,827	-	-	-	-	13,700	293,127	Non-ISO	
SOQUEL SUB	5686	66kV	333,364	692,686	10,536,320	11,562,370	-	-	-	333,364	692,686	10,536,320	Non-ISO	
ROCKAIR SUB	5688	66kV	9,232	12,621	392,629	414,483	-	-	-	9,232	12,621	392,629	Non-ISO	
SIMPSON SUB	5690	66kV	-	1,946	-	1,946	-	-	-	-	1,946	-	Non-ISO	
DATABANK SUB	5694	66kV	4,232	20,896	849,234	874,361	-	-	-	4,232	20,896	849,234	Non-ISO	
CLAREMONT SUB	5695	66kV	28,833	39,672	1,223,414	1,291,920	-	-	-	28,833	39,672	1,223,414	Non-ISO	
FIBRE SUB	5696	66kV	-	13,172	894,273	907,445	-	-	-	-	13,172	894,273	Non-ISO	
POLYPRO SUB	5697	66kV	-	43,119	1,110,880	1,153,999	-	-	-	-	43,119	1,110,880		



SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2022 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		
WOODRUFF SUBSTATION	5777	33kV & Below	12,169	579,158	3,715,471	4,306,798	-	-	-	12,169	579,158	3,715,471	Non-ISO	
DAVIDSON CITY	5779	33kV & Below	4,957	48,938	741,257	795,152	-	-	-	4,957	48,938	741,257	Non-ISO	
NAOMI SUBSTATION	5780	33kV & Below	18,552	432,175	3,177,138	3,627,865	-	-	-	18,552	432,175	3,177,138	Non-ISO	
NEPTUNE SUBSTATION	5781	66kV	52,528	279,178	7,391,545	7,723,251	-	-	-	52,528	279,178	7,391,545	Non-ISO	
DOUGOIL SUB	5782	66kV	-	56,198	1,308,215	1,364,413	-	-	-	-	56,198	1,308,215	Non-ISO	
ERIC SUBSTATION	5783	66kV	49,964	600,012	8,352,787	9,002,764	-	-	-	49,964	600,012	8,352,787	Non-ISO	
HEDDA SUBSTATION	5784	33kV & Below	3,773	1,186,885	1,637,082	2,827,740	-	-	-	3,773	1,186,885	1,637,082	Non-ISO	
SUNNYSIDE SUBSTATION	5785	66kV	32,118	316,282	10,046,976	10,395,376	-	-	-	32,118	316,282	10,046,976	Non-ISO	
SOUTH GATE SUBSTATION	5787	33kV & Below	4,092	1,910,281	3,800,800	5,715,174	-	-	-	4,092	1,910,281	3,800,800	Non-ISO	
BOVINE SUBSTATION	5788	66kV	150,723	392,856	3,311,614	3,855,193	-	-	-	150,723	392,856	3,311,614	Non-ISO	
ARTESIA SUBSTATION	5789	33kV & Below	347	839,017	1,494,864	2,334,228	-	-	-	347	839,017	1,494,864	Non-ISO	
SEABRIGHT SUBSTATION	5790	66kV	3,677	136,304	3,168,241	3,308,222	-	-	-	3,677	136,304	3,168,241	Non-ISO	
GREENING SUBSTATION	5791	66kV	23,724	478,588	9,889,636	10,391,947	-	-	-	23,724	478,588	9,889,636	Non-ISO	
WESTEX SUBSTATION	5792	66kV	3,119	7,090	119,423	129,632	-	-	-	3,119	7,090	119,423	Non-ISO	
ATRICH SUBSTATION	5794	66kV	2,404	-	-	2,404	-	-	-	2,404	-	-	Non-ISO	
CERTIFIED SUBSTATION	5795	66kV	-	12,973	161,311	174,284	-	-	-	-	12,973	161,311	Non-ISO	
STADIUM SUBSTATION	5796	66kV	-	182,903	7,985,672	8,168,575	-	-	-	-	182,903	7,985,672	Non-ISO	
CHERRY SUBSTATION	5797	66kV	458,083	702,403	4,539,435	5,699,922	-	-	-	458,083	702,403	4,539,435	Non-ISO	
MOVIE SUBSTATION	5798	66kV	1,888,138	1,095,454	4,355,411	7,339,002	-	-	-	1,888,138	1,095,454	4,355,411	Non-ISO	
PAPERMATE SUB	5799	66kV	-	18,899	63,198	82,097	-	-	-	-	18,899	63,198	Non-ISO	
SOUTHEAST DIVISION	5800	Div Offices & Misc	-	-	69,256	69,256	-	-	-	-	-	69,256	Non-ISO	
VERA SUBSTATION	5801	66kV	50,896	487,943	8,617,540	9,156,379	-	-	-	50,896	487,943	8,617,540	Non-ISO	
MODENA SUBSTATION	5802	66kV	31,252	569,562	7,082,829	7,683,643	-	-	-	31,252	569,562	7,082,829	Non-ISO	
SMITH TOOL SUBSTATION	5803	66kV	5,082	-	-	5,082	-	-	-	5,082	-	-	Non-ISO	
ATWOOD SUBSTATION	5804	66kV	9,422	742,276	8,106,204	8,857,902	-	-	-	9,422	742,276	8,106,204	Non-ISO	
BAYSIDE SUBSTATION	5805	66kV	44,428	168,986	5,354,888	5,568,302	-	-	-	44,428	168,986	5,354,888	Non-ISO	
APOLLO SUBSTATION	5806	66kV	597	196,852	1,089,842	1,287,292	-	-	-	597	196,852	1,089,842	Non-ISO	
BOLSA SUBSTATION	5807	66kV	34,046	541,318	4,206,206	4,781,570	-	-	-	34,046	541,318	4,206,206	Non-ISO	
BRYAN SUBSTATION	5808	66kV	14,865	353,174	9,942,315	10,310,354	-	-	-	14,865	353,174	9,942,315	Non-ISO	
SLATER SUBSTATION	5809	66kV	75,818	666,422	6,627,019	7,369,259	-	-	-	75,818	666,422	6,627,019	Non-ISO	
BRISTOL SUBSTATION	5810	33kV & Below	9,030	9,955	115,943	134,929	-	-	-	9,030	9,955	115,943	Non-ISO	
CHICUITA SUBSTATION	5811	66kV	648,506	602,162	11,240,852	12,491,521	-	-	-	648,506	602,162	11,240,852	Non-ISO	
MURPHY SUB	5812	66kV	61,155	676,524	8,029,672	8,767,351	-	-	-	61,155	676,524	8,029,672	Non-ISO	
CAROLINA SUBSTATION	5813	66kV	30,813	642,971	6,723,584	7,397,368	-	-	-	30,813	642,971	6,723,584	Non-ISO	
CARMENITA SUBSTATION	5814	66kV	6,616	766,536	12,118,747	12,891,898	-	-	-	6,616	766,536	12,118,747	Non-ISO	
PAPER SUBSTATION	5815	66kV	1,488	10,365	933,072	944,925	-	-	-	1,488	10,365	933,072	Non-ISO	
PARKWOOD SUBSTATION	5816	66kV	58,055	138,864	5,828,744	6,025,662	-	-	-	58,055	138,864	5,828,744	Non-ISO	
COSTA MESA SUBSTATION	5817	33kV & Below	4,078	170,360	1,673,945	1,848,383	-	-	-	4,078	170,360	1,673,945	Non-ISO	
CROWN SUBSTATION	5818	66kV	57,929	599,195	7,293,677	7,950,800	-	-	-	57,929	599,195	7,293,677	Non-ISO	
ELY SUBSTATION	5819	66kV	52,170	232,310	11,864,712	12,149,192	-	-	-	52,170	232,310	11,864,712	Non-ISO	
DOWNEY SUB	5820	33kV & Below	8,033	22,467	3,860,246	3,890,746	-	-	-	8,033	22,467	3,860,246	Non-ISO	
FAIRVIEW SUBSTATION	5821	66kV	1,818	825,288	12,454,005	13,281,111	-	-	-	1,818	825,288	12,454,005	Non-ISO	
FULLERTON SUBSTATION	5822	66kV	20,432	288,582	9,792,477	10,101,491	-	-	-	20,432	288,582	9,792,477	Non-ISO	
GALLATIN SUB	5823	66kV	19,042	264,055	4,328,144	4,611,241	-	-	-	19,042	264,055	4,328,144	Non-ISO	
WEICO SUBSTATION	5824	66kV	-	-	75	75	-	-	-	-	-	75	Non-ISO	
HAMILTON SUBSTATION	5825	66kV	11,053	1,583,251	8,056,263	9,650,567	-	-	-	11,053	1,583,251	8,056,263	Non-ISO	
CAMDEN SUBSTATION	5826	66kV	183,449	567,751	4,074,900	4,826,100	-	-	-	183,449	567,751	4,074,900	Non-ISO	
WAVE SUBSTATION	5828	66kV	1,978	240,387	7,997,302	8,239,667	-	-	-	1,978	240,387	7,997,302	Non-ISO	
IRVINE SUBSTATION	5829	66kV	2,643	340,605	11,788,791	12,132,039	-	-	-	2,643	340,605	11,788,791	Non-ISO	
SOUTH PAC SUBSTATION	5830	66kV	-	21,986	128,522	150,508	-	-	-	-	21,986	128,522	Non-ISO	
LA HABRA SUBSTATION	5832	66kV	916	669,888	12,748,393	13,419,197	-	-	-	916	669,888	12,748,393	Non-ISO	
GILBERT SUBSTATION	5833	66kV	42,324	102,755	5,363,052	5,508,130	-	-	-	42,324	102,755	5,363,052	Non-ISO	
LA MIRADA SUBSTATION	5834	66kV	52,555	969,982	5,873,208	6,895,746	-	-	-	52,555	969,982	5,873,208	Non-ISO	
LA VETA SUBSTATION	5835	66kV	77,254	1,848,586	6,689,102	8,614,942	-	-	-	77,254	1,848,586	6,689,102	Non-ISO	
MORRO SUBSTATION	5836	66kV	20,036	274,428	5,630,230	5,924,693	-	-	-	20,036	274,428	5,630,230	Non-ISO	
CYPRESS SUBSTATION	5837	66kV	25,204	313,359	10,536,632	10,875,195	-	-	-	25,204	313,359	10,536,632		

SOUTHERN CALIFORNIA EDISON COMPANY

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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		
SAN BERNARDINO REG OFFICE	6013		-	360,871	-	360,871	-	-	-	-	360,871	-	Non-ISO	
REGIONAL OFFICE-VENTURA	6015		-	104,380	-	104,380	-	-	-	-	104,380	-	Non-ISO	
MONTEBELLO DISTRICT OFFIC	6022		285,487	9,805,416	90,394	10,181,297	-	-	-	285,487	9,805,416	90,394	Non-ISO	
COVINA SERVICE CENTER	6026		1,198,848	17,745,828	24,822	18,969,497	-	-	-	1,198,848	17,745,828	24,822	Non-ISO	
MONROVIA SERVICE CENTER	6027		640,938	10,137,034	-	10,777,972	-	-	-	640,938	10,137,034	-	Non-ISO	
CENTRAL ORANGE COUNTY DIS	6029	33kV & Below	708,449	26,034,790	18,845	26,762,084	-	-	-	708,449	26,034,790	18,845	Non-ISO	
FOOTHILL S/C	6030		2,208,884	18,997,184	1,217	21,207,285	-	-	-	2,208,884	18,997,184	1,217	Non-ISO	
REDLANDS S/C	6031		232,482	9,466,087	11,132	9,709,701	-	-	-	232,482	9,466,087	11,132	Non-ISO	
COMPTON S/C	6032		895,300	24,570,285	-	25,465,585	-	-	-	895,300	24,570,285	-	Non-ISO	
ORANGE COAST S/C	6033		536,697	9,447,165	8,149	9,992,010	-	-	-	536,697	9,447,165	8,149	Non-ISO	
ONTARIO S/C	6034		3,066,818	23,959,570	23,505	27,049,893	-	-	-	3,066,818	23,959,570	23,505	Non-ISO	
THOUSAND OAKS S/C	6035		1,495,235	14,915,761	-	16,410,996	-	-	-	1,495,235	14,915,761	-	Non-ISO	
ANTELOPE VALLEY S/C	6036		969,265	20,412,884	38,524	21,420,673	-	-	-	969,265	20,412,884	38,524	Non-ISO	
VENTURA S/C	6039	33kV & Below	269,273	15,887,731	-	16,157,003	-	-	-	269,273	15,887,731	-	Non-ISO	
ARROWHEAD S/C	6040		119,064	8,015,919	18,681	8,153,664	-	-	-	119,064	8,015,919	18,681	Non-ISO	
STA. MONICA S/C	6042		483,810	8,337,913	-	8,821,723	-	-	-	483,810	8,337,913	-	Non-ISO	
SADDLEBACK S/C	6043		5,282,829	14,890,072	11,740	20,184,642	-	-	-	5,282,829	14,890,072	11,740	Non-ISO	
SOUTH BAY S/C	6044		990,881	15,709,273	8,116	16,708,270	-	-	-	990,881	15,709,273	8,116	Non-ISO	
LONG BEACH S/C	6046		121,425	8,388,215	-	8,509,639	-	-	-	121,425	8,388,215	-	Non-ISO	
WHITTIER S/C	6047		4,802,868	9,807,013	24,343	14,634,224	-	-	-	4,802,868	9,807,013	24,343	Non-ISO	
NO. ORANGE COUNTY S/C	6048		412,315	10,269,639	-	10,681,954	-	-	-	412,315	10,269,639	-	Non-ISO	
STA. BARBARA S/C	6049		225,221	13,577,802	-	13,803,023	-	-	-	225,221	13,577,802	-	Non-ISO	
BIG CREEK SERVICE CENTER	6050		6,614	12,721,412	10,040	12,738,066	-	-	-	6,614	12,721,412	10,040	Non-ISO	
SAN JOAQUIN S/C	6051		672,154	33,449,734	2,491	34,124,379	-	-	-	672,154	33,449,734	2,491	Non-ISO	
TEHACHAPI NO. REGION KERN	6052		230,774	13,836,173	5,296	14,072,243	-	-	-	230,774	13,836,173	5,296	Non-ISO	
KERNVILLE S/C SUB-OFFICE	6053		74,039	4,016,812	1,531	4,092,382	-	-	-	74,039	4,016,812	1,531	Non-ISO	
PORTERVILLE SC	6054		254,802	4,760,013	-	5,014,815	-	-	-	254,802	4,760,013	-	Non-ISO	
VALENCIA SERVICE CENTER	6059		365,594	7,594,317	10,040	7,969,951	-	-	-	365,594	7,594,317	10,040	Non-ISO	
CATALINA SERVICE CENTER	6061		69,829	10,567,244	-	10,637,074	-	-	-	69,829	10,567,244	-	Non-ISO	
Customer Service	6072	CSTMR SRVC FAC.	129,019	6,045,491	-	6,174,510	-	-	-	129,019	6,045,491	-	Non-ISO	
HIGH DESERT S/C	6073		947,081	16,490,842	-	17,437,922	-	-	-	947,081	16,490,842	-	Non-ISO	
MENIFEE S/C	6077		753,148	35,798,721	477,466	37,029,334	-	-	-	753,148	35,798,721	477,466	Non-ISO	
PALM SPRINGS S/C	6079		1,994,650	17,105,189	22,103	19,121,942	-	-	-	1,994,650	17,105,189	22,103	Non-ISO	
29 PALMS SERVICE CENTER	6084		170,855	7,324,062	-	7,494,917	-	-	-	170,855	7,324,062	-	Non-ISO	
BISHOP SERVICE CENTER	6085		129,842	9,606,928	1,050	9,737,820	-	-	-	129,842	9,606,928	1,050	Non-ISO	
RIDGECREST SERVICE CENTER	6086		524,127	28,132,514	8,700	28,665,341	-	-	-	524,127	28,132,514	8,700	Non-ISO	
BLYTHE SERVICE CENTER	6087		397,023	21,806,666	-	22,203,688	-	-	-	397,023	21,806,666	-	Non-ISO	
WILDOMAR SERVICE CENTER	6088		6,362,496	34,387,945	-	40,750,441	-	-	-	6,362,496	34,387,945	-	Non-ISO	
MOBILE TRANSFORMER -MONTEBEL	6090		-	-	54,470	54,470	-	-	-	-	-	54,470	Non-ISO	
FRAZIER PARK FACILITY	6108		6,195	488,423	-	494,618	-	-	-	6,195	488,423	-	Non-ISO	
MAMMOTH LAKES SERVICE CTR	6112		80,672	5,546,599	-	5,627,271	-	-	-	80,672	5,546,599	-	Non-ISO	
29 PALMS LOCAL OFFICE	6113		2,188	161,359	-	163,547	-	-	-	2,188	161,359	-	Non-ISO	
SANTA ANA CMB FAC-EDBU OF	6114		-	3,502,904	-	3,502,904	-	-	-	-	3,502,904	-	Non-ISO	
CHINO YARD TRAINING FAC	6115		-	883,254	-	883,254	-	-	-	-	883,254	-	Non-ISO	
RCRO-EMPIRE LAKES(LEASED)	6213		-	7,318,472	-	7,318,472	-	-	-	-	7,318,472	-	Non-ISO	
FRESNO COUNTY	7010	33kV & Below	-	-	15,009	15,009	-	-	-	-	-	15,009	Non-ISO	
INYO COUNTY	7014		-	-	12,826	12,826	-	-	-	-	-	12,826	Non-ISO	
KERN COUNTY	7015	33kV & Below	-	395,128	102,228	497,356	-	-	-	-	395,128	102,228	Non-ISO	
KINGS COUNTY	7016	33kV & Below	-	-	12,396	12,396	-	-	-	-	-	12,396	Non-ISO	
LOS ANGELES COUNTY	7019		-	143,480	818,119	961,598	-	-	-	-	143,480	818,119	Non-ISO	
MONO COUNTY	7026	33kV & Below	-	-	52,402	52,402	-	-	-	-	-	52,402	Non-ISO	
ORANGE COUNTY	7030		-	-	346,905	346,905	-	-	-	-	-	346,905	Non-ISO	
RIVERSIDE COUNTY	7033		-	-	86,770	86,770	-	-	-	-	-	86,770	Non-ISO	
SAN BERNARDINO COUNTY	7036		-	-	8,279,016	8,279,016	-	-	-	-	-	8,279,016	Non-ISO	
SANTA BARBARA COUNTY	7042	33kV & Below	-	-	43,385	43,385	-	-	-	-	-	43,385	Non-ISO	
TULARE COUNTY	7054		368	-	216,437	216,805	-	-	-	368	-	216,437	Non-ISO	
VENTURA COUNTY	7056	33kV & Below	-	-	130,155	130,155	-	-	-	-	-	130,155	Non-ISO	
ROADWAY(CEP) SUB	8000	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
PAUBA(CEP) SUB	8003	115kV	-	29,290	-	29,290	-	-	-	-	29,290	-	Non-ISO	
STADLER(CEP) SUB	8005	115kV	-	10,272	-	10,272	-	-	-	-	10,272	-	Non-ISO	
THORNHILL(CEP) SUB	8004	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
RIVERTX SUBSTATION	8007	115kV	-	-	16,324	16,324	-	-	-	-	-	16,324	Non-ISO	
PHELAN(CEP) SUB	8010	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BANWIND SUBSTATION	8011	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
APPLE VALLEY(CEP) SUB	8013	115kV	-	-	-	-	-	-	-	-	-	-	Non-ISO	
FARREL(CEP) SUB	8016	115kV	-	21,477	-	21,477	-	-	-	-	21,477	-	Non-ISO	
CONCHO(CEP) SUB	8017	115kV	-	21,477	-	21,477	-	-	-	-	21,477	-	Non-ISO	
SAVAGE(CEP) SUB	8020	115kV	-	6,417	334,118	340,536	-	-	-	-	6,417	334,118	Non-ISO	
PEPPER(CEP) SUB	8021	115kV	-	-	-	-								

SOUTHERN CALIFORNIA EDISON COMPANY

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DISTRIBUTION SUBSTATION FACILITIES

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			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		
GEORGE AIR FORCE BASE SUB	8149	33kV & Below	13,868	241	323,010	337,118	-	-	-	13,868	241	323,010	Non-ISO	
SUNSHINE SWITCHYARD SUB	8150	66kV	-	(959,010)	1,231,716	272,705	-	-	-	-	(959,010)	1,231,716	Non-ISO	
GLEN AVON SUB	8151	66kV	94,930	838,009	9,589,970	10,522,909	-	-	-	94,930	838,009	9,589,970	Non-ISO	
GLEN IVY SUB	8152	33kV & Below	2,658	17,740	264,618	285,016	-	-	-	2,658	17,740	264,618	Non-ISO	
GOLDSTONE SUB	8154	33kV & Below	-	-	188,689	-	-	-	-	-	-	188,689	Non-ISO	
NUGGET SUB	8156	33kV & Below	12,402	726,659	7,504,588	8,243,649	-	-	-	12,402	726,659	7,504,588	Non-ISO	
EL SOBRANTE SUB	8159	33kV & Below	13,384	1,368,601	7,879,879	9,261,863	-	-	-	13,384	1,368,601	7,879,879	Non-ISO	
HARPER LAKE SUB	8160	33kV & Below	73	13,909	-	13,982	-	-	-	73	13,909	-	Non-ISO	
HARVARD SUB	8161	33kV & Below	854	14,232	290,806	305,892	-	-	-	854	14,232	290,806	Non-ISO	
DEFRAIN SUB	8162	33kV & Below	9,916	232,939	2,157,411	2,400,266	-	-	-	9,916	232,939	2,157,411	Non-ISO	
HELENDALE SUB	8163	33kV & Below	277	13,948	2,015,627	2,029,852	-	-	-	277	13,948	2,015,627	Non-ISO	
HEMET SUB	8164	33kV & Below	2,925	903,532	3,898,429	4,804,886	-	-	-	2,925	903,532	3,898,429	Non-ISO	
HINKLEY SUB	8167	33kV & Below	286	68,407	2,228,160	2,296,854	-	-	-	286	68,407	2,228,160	Non-ISO	
IDYLLWILD SUB	8168	33kV & Below	834	35,577	60,664	97,075	-	-	-	834	35,577	60,664	Non-ISO	
INYO KERN TOWN SUB	8170	33kV & Below	674	76,131	323,541	400,345	-	-	-	674	76,131	323,541	Non-ISO	
COFFEE SUB	8171	33kV & Below	27,719	310,816	9,298,931	9,637,466	-	-	-	27,719	310,816	9,298,931	Non-ISO	
JOSHUA TREE SUB	8172	33kV & Below	320	155,741	2,362,188	2,518,249	-	-	-	320	155,741	2,362,188	Non-ISO	
KEMPSTER SUB	8176	33kV & Below	5,029	1,940	377,269	384,238	-	-	-	5,029	1,940	377,269	Non-ISO	
LAKEVIEW SUB	8179	115kV	491,100	-	-	491,100	-	-	-	491,100	-	-	Non-ISO	
MINNEOLA SUB	8190	33kV & Below	198	39,231	1,346,193	1,385,623	-	-	-	198	39,231	1,346,193	Non-ISO	
FALCON RIDGE SUB	8191	66kV	-	10,848,101	39,220,899	50,069,000	-	-	-	-	10,848,101	39,220,899	Non-ISO	
MORENO SUB	8193	115kV	4,352	88,391	2,467,532	2,560,274	-	-	-	4,352	88,391	2,467,532	Non-ISO	
MURRIETA 2 SUB	8195	33kV & Below	550	94,466	1,819,507	1,914,523	-	-	-	550	94,466	1,819,507	Non-ISO	
MURRIETA SUB	8196	66kV	-	-	2,411,588	2,411,588	-	-	-	-	-	2,411,588	Non-ISO	
SOUTHCAP SUB.	8197	115kV	-	121,569	181,607	303,177	-	-	-	-	121,569	181,607	Non-ISO	
MUSCOY SUB	8198	33kV & Below	13	66,705	429,665	496,384	-	-	-	13	66,705	429,665	Non-ISO	
SOUTHDOWN SUBSTATION	8199	115kV	-	34,000	563,604	597,604	-	-	-	-	34,000	563,604	Non-ISO	
BELDING SUB	8204	33kV & Below	-	1,128,493	1,512,043	2,640,536	-	-	-	-	1,128,493	1,512,043	Non-ISO	
NORTH INTAKE SUB	8205	33kV & Below	-	71,001	1,523,996	1,594,998	-	-	-	-	71,001	1,523,996	Non-ISO	
NORTH MUROC SUB	8206	33kV & Below	130	-	369,005	369,135	-	-	-	130	-	369,005	Non-ISO	
HOLIDAY SUB	8207	33kV & Below	1,031	114,787	2,775,951	2,891,769	-	-	-	1,031	114,787	2,775,951	Non-ISO	
NUEVO SUB	8209	33kV & Below	879	-	879	879	-	-	-	879	-	-	Non-ISO	
OLIVE LAKE SUB	8210	33kV & Below	492	23,286	2,948,260	2,972,038	-	-	-	492	23,286	2,948,260	Non-ISO	
ORDWAY SUB	8211	33kV & Below	626	43,313	2,644,487	2,688,427	-	-	-	626	43,313	2,644,487	Non-ISO	
ORO GRANDE SUB	8212	33kV & Below	-	93,591	625,107	718,698	-	-	-	-	93,591	625,107	Non-ISO	
PALM CANYON SUB	8214	33kV & Below	47,783	777,426	3,926,505	4,751,715	-	-	-	47,783	777,426	3,926,505	Non-ISO	
PALM VILLAGE SUB	8215	33kV & Below	792	542,032	4,771,746	5,314,571	-	-	-	792	542,032	4,771,746	Non-ISO	
PEERLESS SUB	8216	33kV & Below	-	16,613	414,087	430,700	-	-	-	-	16,613	414,087	Non-ISO	
GAVILAN SUB	8219	33kV & Below	19,370	76,655	3,765,143	3,861,168	-	-	-	19,370	76,655	3,765,143	Non-ISO	
LUCERNE SUB	8220	33kV & Below	5,113	81,509	3,395,878	3,482,500	-	-	-	5,113	81,509	3,395,878	Non-ISO	
RAILROAD CANYON (OLD) SUB	8221	33kV & Below	542	-	-	542	-	-	-	542	-	-	Non-ISO	
RANCHO SUB	8222	33kV & Below	18,851	279,920	3,482,266	3,781,037	-	-	-	18,851	279,920	3,482,266	Non-ISO	
RIALTO SUB	8225	33kV & Below	1,322	1,386,354	2,773,587	4,161,262	-	-	-	1,322	1,386,354	2,773,587	Non-ISO	
RIDGECREST SUB	8226	33kV & Below	1,642	58,034	453,961	513,637	-	-	-	1,642	58,034	453,961	Non-ISO	
RIPLEY SUB	8227	33kV & Below	14,356	57,249	741,432	813,037	-	-	-	14,356	57,249	741,432	Non-ISO	
CANYON LAKE SUBSTATION	8228	33kV & Below	-	67,441	2,234,281	2,301,722	-	-	-	-	67,441	2,234,281	Non-ISO	
RUBIDOUX SUB	8231	33kV & Below	7,370	88,068	2,371,129	2,466,567	-	-	-	7,370	88,068	2,371,129	Non-ISO	
SAN JACINTO SUB	8234	33kV & Below	1,501	532,218	1,138,528	1,672,246	-	-	-	1,501	532,218	1,138,528	Non-ISO	
SECOND AVENUE SUB	8235	33kV & Below	1,404	66,916	604,885	673,206	-	-	-	1,404	66,916	604,885	Non-ISO	
SILVER SPUR SUB	8238	33kV & Below	6,198	98,094	4,402,489	4,506,781	-	-	-	6,198	98,094	4,402,489	Non-ISO	
SIXTEENTH STREET SUB	8239	33kV & Below	7,367	184,464	5,349,298	5,541,129	-	-	-	7,367	184,464	5,349,298	Non-ISO	
SUN CITY SUB	8243	33kV & Below	-	672	8	680	-	-	-	-	672	8	Non-ISO	
SUNNY DUNES SUB	8244	33kV & Below	22,642	1,075,588	6,632,547	7,730,777	-	-	-	22,642	1,075,588	6,632,547	Non-ISO	
TEMESCAL SUB	8250	33kV & Below	38,511	2,562	64,718	105,792	-	-	-	38,511	2,562	64,718	Non-ISO	
THUNDERBIRD SUB	8251	33kV & Below	2,201	24,757	516,548	543,507	-	-	-	2,201	24,757	516,548	Non-ISO	
TRONA SUB	8252	33kV & Below	-	981	376,984	377,966	-	-	-	-	981	376,984	Non-ISO	
TWENTYNINE PALMS SUB	8255	33kV & Below	729	58,833	2,311,184	2,370,746	-	-	-	729	58,833	2,311,184	Non-ISO	
VERDANT SUB	8259	33kV & Below	1,067	17,642	954,715	973,425	-	-	-	1,067	17,642			

SOUTHERN CALIFORNIA EDISON COMPANY  
12-31-2022 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		
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	
WESBASIN SUB	8820	66kV	-	6,863	451,785	458,648	-	-	-	-	6,863	451,785	Non-ISO	
REYNOLDS ALUM SUB	8822	66kV	9,319	-	-	9,319	-	-	-	9,319	-	-	Non-ISO	
TITAN SUBSTATION	8824	66kV	-	3,354	692,173	695,527	-	-	-	-	3,354	692,173	Non-ISO	
FINANCE SUB-METRO RGN	8825	66kV	14,155	-	306,061	320,216	-	-	-	14,155	-	306,061	Non-ISO	
DUCTILE SUBSTATION	8827	66kV	-	12,626	10,128	22,754	-	-	-	-	12,626	10,128	Non-ISO	
ORCOSAN SUB	8829	66kV	-	46,705	722,546	769,250	-	-	-	-	46,705	722,546	Non-ISO	
PIER SUBSTATION	8830	66kV	-	289,008	2,694,865	2,983,873	-	-	-	-	289,008	2,694,865	Non-ISO	
STEVEDORE SUB	8831	66kV	-	72,650	1,069,896	1,142,545	-	-	-	-	72,650	1,069,896	Non-ISO	
SHIP SUBSTATION	8832	66kV	-	153,063	2,961,851	3,114,913	-	-	-	-	153,063	2,961,851	Non-ISO	
WHARF SUBSTATION	8833	66kV	-	331,030	2,115,910	2,446,940	-	-	-	-	331,030	2,115,910	Non-ISO	
PROCESS SUBSTATION	8834	66kV	-	360,469	3,489,223	3,849,692	-	-	-	-	360,469	3,489,223	Non-ISO	
CARNIVAL SUBSTATION	8835	66kV	-	164,802	2,223,621	2,388,423	-	-	-	-	164,802	2,223,621	Non-ISO	
HOLLYWOOD PARK	8836	66kV	-	436,621	-	436,621	-	-	-	-	436,621	-	Non-ISO	
MWD EASTSIDE RES	8956	115kV	-	-	26,094	26,094	-	-	-	-	-	26,094	Non-ISO	
AIRCRAFT OPERATIONS	9030	Div Offices & Misc	-	30,489	-	30,489	-	-	-	-	30,489	-	Non-ISO	
PROPERTY SVCS-GO1	9033	Div Offices & Misc	-	8,380	-	8,380	-	-	-	-	8,380	-	Non-ISO	
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	27,426	27,426	-	-	-	-	-	27,426	Non-ISO	
RP&AS- PROPERTY BROKERAGE	9068	Div Offices & Misc	474,634	-	-	474,634	-	-	-	474,634	-	-	Non-ISO	
INFO TECH-GO2	9077	Div Offices & Misc	-	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	
IRWINDALE BUSINESS CENTER	9188	-	-	8,867	-	8,867	-	-	-	-	8,867	-	Non-ISO	
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	1,283	-	-	1,283	-	-	-	1,283	-	-	Non-ISO	
PROP SVCS-SIERRA REGION	9231	Div Offices & Misc	-	9,257	85,363	94,620	-	-	-	-	9,257	85,363	Non-ISO	
RP&AS-NRTHSHRE 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	Misc	-	-	51,730	51,730	-	-	-	-	-	51,730	Non-ISO	
TECOPA PEAK COMM SITE	9304	33kV & Below	-	-	8,044	8,044	-	-	-	-	-	8,044	Non-ISO	
TELCOMM-ALHAMBRA	9310	Misc	89,786	-	(12,897)	76,889	-	-	-	89,786	-	(12,897)	Non-ISO	
RINCON PK COMM SITE	9387	Misc	-	-	2,123	2,123	-	-	-	-	-	2,123	Non-ISO	
METERING/METROLOGY/ADMIN	9430	Div Offices & Misc	-	10,623	-	10,623	-	-	-	-	10,623	-	Non-ISO	
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	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	-	-	-	-	-	-	-	-	-	-	-	Non-ISO	
BIG CRK NO.1 GARAGE	9621	-	-	114,165	-	114,165	-	-	-	-	114,165	-	Non-ISO	
SAN JOAQUIN VALLEY GARAGE	9651	-	-	65,408	-	65,408	-	-	-	-	65,408	-	Non-ISO	
PALM SPRGS GARAGE	9679	66kV	-	35,107	-	35,107	-	-	-	-	35,107	-	Non-ISO	
CATALINA COMMON UTIL PLNT	9805	Div Offices & Misc	-	-	-	-	-	-	-	-	-	-	Non-ISO	
No Desc	9970	220kV	-	-	823	823	-	-	-	-	-	823	Non-ISO	
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	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	
WARNE GENERATING PLANT	9122	220kV	-	36,994	-	36,994	-	-	-	-	36,994	-	Non-ISO	
TELECOMM-ALHAMBRA	9330	Misc	-	-	143,762	143,762	-	-	-	-	-	143,762	Non-ISO	
Total Distribution Substations			\$ 130,716,113	\$ 950,757,411	\$ 3,463,676,916	\$ 4,545,150,439	\$ -	\$ -	\$ -	\$ 130,716,113	\$ 950,757,411	\$ 3,463,676,916		