

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study
12-31-2013 Facilities

TO9 Annual Update

Attachment 4

WP-Schedule 7- Plant Study

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Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)				
350	298,877,370	298,877,371	212,938,579	71.2%
Substation				
352	564,337,780	564,337,780	376,495,331	66.7%
353	4,639,419,681	4,639,419,682	2,708,882,934	58.4%
Total Substation	5,203,757,461	5,203,757,462	3,085,378,265	59.3%
Lines				
354	1,521,172,513	1,521,172,513	1,443,480,699	94.9%
355	699,098,443	699,098,442	143,991,959	20.6%
356	986,734,477	986,734,476	764,993,254	77.5%
357	54,837,628	54,837,628	207,785	0.4%
358	226,947,418	226,947,418	12,339,134	5.4%
359	76,476,358	76,476,359	68,770,633	89.9%
Total Lines	3,565,266,837	3,565,266,836	2,433,783,463	68.3%
Total Transmission	9,067,901,668	9,067,901,669	5,732,100,307	63.2%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	106,703,690	106,703,686	-	0.0%
Structures:				
361	479,848,347	479,848,347	-	0.0%
362	1,894,725,397	1,894,725,397	-	0.0%
Total Structures	2,374,573,744	2,374,573,745	-	0.0%
Total Distribution	2,481,277,434	2,481,277,430	-	0.0%
Total Transmission & Distribution	11,549,179,102	11,549,179,099	5,732,100,307	49.6%

Southern California Edison Company

Summary of ISO Facility Gross Plant
High/Low Voltage Split
12-31-2013 Facilities
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Total ISO Plant				Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV				
ISO Transmission and Distributi	Total ISO Gross Plant	Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
Transmission Lines:								
1000 kV T Lines	55,764,595	-	55,764,595	-	-	55,764,595	-	-
500 kV T Lines	1,526,513,880	97,089,910	1,429,423,970	97,089,910	-	1,429,423,970	-	-
230 kV T Lines	957,620,933	74,856,279	882,764,654	74,856,279	-	882,764,654	-	-
161 kV T Lines	2,369,978	33,310	2,336,668	-	33,310	-	2,336,668	-
115 kV T Lines	61,564,726	4,457,282	57,107,445	-	4,457,282	-	57,107,445	-
66 kV T Lines	4,814,504	218,292	4,596,212	-	218,292	-	4,596,212	-
55 kV T Lines	1,884,251	94,331	1,789,920	-	94,331	-	1,789,920	-
Total Transmission Lines	2,610,532,867	176,749,404	2,433,783,463	171,946,189	4,803,214	2,367,953,219	65,830,245	-
Substations:								
High Voltage Substations (750 kV, 500kV, 220kV)	2,659,101,806	35,830,862	2,623,270,944	35,830,862	-	2,623,270,944	-	-
Straddle Substations:								
Antelope	203,010,845	21,983	202,988,862	18,207	3,776	102,457,053	21,248,823	79,282,986
Bailey	20,259,933	109,823	20,150,110	82,817	27,006	11,889,569	3,877,065	4,383,477
Eagle Mountain	1,531,745	-	1,531,745	-	-	1,394,329	135,385	2,031
Kramer	16,889,193	29,739	16,859,454	11,643	18,096	5,844,686	9,084,414	1,930,354
Ivanpah	43,722,422	-	43,722,422	-	-	16,817,847	11,633,020	15,271,555
Victor	94,639,738	18,964	94,620,774	2,060	16,905	8,217,954	67,449,279	18,953,540
Total Straddle Substations	380,053,876	180,509	379,873,367	114,726	65,783	146,621,438	113,427,987	119,823,942
Low Voltage Substations (Less Than 220kV)	82,411,758	177,805	82,233,954	-	177,805	-	82,233,954	-
Total Substations	3,121,567,440	36,189,175	3,085,378,265	35,945,588	243,587	2,769,892,382	195,661,940	119,823,942
Total Lines and Substations	5,732,100,307	212,938,579	5,519,161,728	207,891,777	5,046,802	5,137,845,601	261,492,185	119,823,942

Plant Total by Account

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	207,891,777	5,046,802	212,938,579
Structures	5,137,845,601	261,492,185	5,399,337,786
Total Determined HV/LV	5,345,737,378	266,538,987	5,612,276,365
Percentage:	95.25%	4.75%	100.00%
Transformers	114,133,247	5,690,695	119,823,942
Total HV & LV Gross Plant	5,459,870,625	272,229,682	5,732,100,307

Southern California Edison Company

Summary of ISO Facility Gross Plant

High/Low Voltage Mix Summary

12-31-2013 Facilities

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Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
230 kV Substations						
Antelope	5052	18,207	3,776	102,457,053	21,248,823	79,282,986
Bailey	5059	82,817	27,006	11,889,569	3,877,065	4,383,477
Eagle Mountain	5040	-	-	1,394,329	135,385	2,031
Ivanpah	8363			16,817,847	11,633,020	15,271,555
Kramer	5042 & 8046	11,643	18,096	5,844,686	9,084,414	1,930,354
Victor	8049	2,060	16,905	8,217,954	67,449,279	18,953,540
Total Straddle Stations		114,726	65,783	146,621,438	113,427,987	119,823,942

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

12-31-2013 Facilities

2013 YR End				2012 YR 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	298,877,371	212,938,579	71.2%	268,447,150	185,903,030	69.3%	30,430,221	27,035,549	2.0%
Substation									
352	564,337,780	376,495,331	66.7%	378,255,078	207,656,916	54.9%	186,082,702	168,838,414	11.8%
353	4,639,419,682	2,708,882,934	58.4%	4,021,792,061	2,231,719,300	55.5%	617,627,621	477,163,635	2.9%
Total Substation	5,203,757,462	3,085,378,265	59.3%	4,400,047,139	2,439,376,216	55.4%	803,710,323	646,002,049	3.9%
Lines									
354	\$1,521,172,513	1,443,480,699	94.9%	772,203,666	728,242,650	94.3%	748,968,848	715,238,049	0.6%
355	699,098,442	143,991,959	20.6%	603,692,253	148,632,888	24.6%	95,406,189	(4,640,929)	-4.0%
356	986,734,476	764,993,254	77.5%	706,020,711	494,953,932	70.1%	280,713,765	270,039,321	7.4%
357	54,837,628	207,785	0.4%	48,517,033	645,862	1.3%	6,320,595	(438,076)	-1.0%
358	226,947,418	12,339,134	5.4%	208,167,367	3,959,307	1.9%	18,780,051	8,379,827	3.5%
359	76,476,359	68,770,633	89.9%	43,038,583	38,747,355	90.0%	33,437,776	30,023,277	-0.1%
Total Lines	\$3,565,266,836	2,433,783,463	68.3%	2,381,639,613	1,415,181,995	59.4%	1,183,627,224	1,018,601,469	8.8%
Total Transmission	9,067,901,669	5,732,100,307	63.2%	7,050,133,902	4,040,461,240	57.3%	2,017,767,767	1,691,639,067	5.9%
Distribution									
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total
Land:									
360	106,703,686	-	0.0%	105,974,872	78,349	0.1%	728,814	(78,349)	-0.1%
Structures:									
361	479,848,347	-	0.0%	436,830,749	718,565	0.2%	43,017,598	(718,565)	-0.2%
362	1,894,725,397	-	0.0%	1,761,037,883	6,051,836	0.3%	133,687,514	(6,051,836)	-0.3%
Total Structures	2,374,573,745	-	0.0%	2,197,868,632	6,770,401	0.3%	176,705,112	(6,770,401)	-0.3%
Total Distribution	2,481,277,430	-	0.0%	2,303,843,504	6,848,750	0.3%	177,433,927	(6,848,750)	-0.3%
Total Transmission & Distribution	11,549,179,099	5,732,100,307	49.6%	9,353,977,406	4,047,309,990	43.3%	2,195,201,693	1,684,790,317	6.4%

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 faculties 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 current forecast for the EKWRA project's physical work is December 2014. As a result of the EKWRA project the existing Antelope-Bailey will be split into three radial 66kV systems -- one radiating from Bailey, one radiating from Antelope, and a third radiating from a new 500/220/66kV Windhub substation. Post EKWRA, the Bailey-Neenach and Neenach-Antelope 66kV lines will still remain operated in parallel with the CAISO controlled 230kV lines connecting Bailey and Antelope Substations. The following substations and interconnecting 66kV lines were impacted by the EKWRA project:

Substations affected EKWRA include:

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

For purpose of the 2012 Plant Study, the study assumed that EKWRA facilities are under ISO Operational Control during 2012.

3. Current FERC methodology for transformer bank circuit breakers

Pursuant to the Commission's ruling in the Whitewater case (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 faculties could be identified as ISO controlled, no allocation of distribution plant was made. An exception to this general rule is those substation locations where ISO facilities are clearly identifiable by review of the single line diagrams and ISO register, however only distribution plant is recorded at the location. In these cases, distribution plant will be assigned or allocated consistent with the methodology for determining substation investment.

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MOHAVE GENERATING STATION	1320	500kV	-	-	-	-	-	-	-
BIG CREEK NO.4	2236	220kV	-	-	2,273,773	2,273,773	-	-	2,273,773
INYO	2570	115kV	-	287,755	4,193,109	4,480,864	-	287,755	4,193,109
METRO GOM MAINT	5001	500kV	-	-	31,313,627	31,313,627	-	-	31,313,627
HARBORGEN SUB	5019	220kV	-	18,729	3,664,226	3,682,955	-	18,729	3,664,226
EL SEGUNDO SWITCHRACK SUB	5026	220kV	12,470	7,552	1,159,364	1,179,386	12,470	7,552	1,159,364
MIDWAY SUB	5032	500kV	-	3,616	190,211	193,827	-	3,616	190,211
PASTORIA SUB	5036	220kV	21,435	1,044,516	11,370,196	12,436,148	21,435	1,044,516	11,370,196
CLWTR SWITCHRACKS 1,2	5044	115kV	-	-	1,486,720	1,486,720	-	-	1,486,720
MOHAVE SWITCHRACK	5045	500kV	-	225,686	2,918,072	3,143,758	-	225,686	2,918,072
RANCHO VISTA SUB	5047	500kV	1,844,367	22,497,762	154,001,387	178,343,516	1,844,367	22,497,762	154,001,387
SYLMAR SUB	5058	750kV	-	19,757	1,802,143	1,821,901	-	19,757	1,802,143
LUGO SUB	5061	500kV	90,983	7,318,562	117,188,416	124,597,961	90,983	7,318,562	117,188,416
PISGAH SUB	5065	220kV	-	67,311	2,296,053	2,363,364	-	67,311	2,296,053
GENE SUB	5066	220kV	-	30,050	1,335,378	1,365,428	-	30,050	1,335,378
WINDHUB SUB	5079	220kV	1,231,926	25,348,219	201,011,841	227,591,986	1,183,597	24,353,795	193,179,307
SERRANO SUB	5080	500kV	1,226,475	15,498,111	159,537,440	176,262,026	1,226,475	15,498,111	159,537,440
LEWIS SUB	5089	220kV	1,444	611	3,434,718	3,436,773	1,444	611	3,434,718
EL DORADO SUB(NEVADA)	5090	500kV	13,183	5,629,631	75,813,478	81,456,292	13,183	5,629,631	75,813,478
MEAD SUB	5091	500kV	-	-	12,306	12,306	-	-	12,306
MOENKOPI SUB	5092	500kV	-	-	1,516,885	1,516,885	-	-	1,516,885
WEST SERIES CAPACITORS	5093	500kV	-	1,978,556	42,121,458	44,100,015	-	1,978,556	42,121,458
EAST SERIES CAPACITORS 1	5094	500kV	-	857,212	8,168,260	9,025,472	-	857,212	8,168,260
PALO VERDE SWITCHRACK SUB	5097	500kV	-	4,629	4,886,631	4,891,260	-	4,629	4,886,631
MIDWAY-PAC INTERTIE	8932	500kV	-	162,585	13,930,693	14,093,278	-	162,585	13,930,693
PARDEE-PAC INTERTIE	8950	220kV	-	55,269	942,130	997,399	-	55,269	942,130
SYLMAR-PAC INTERTIE	8958	750kV	51,663	7,731,153	119,394,198	127,177,014	51,663	7,731,153	119,394,198
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	10,897,454	-	-	10,897,454	10,897,454	-	-
FOUR CORNERS(NEW MEX)	1330	500kV	-	-	-	-	-	-	-
EDISON ITAC	1451	Misc	-	-	35,855	35,855	-	-	-
SAN ONOFRE-COMMON 1,2,3	1808	220kV	-	-	-	-	-	-	-
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 1	1810	220kV	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 2	1812	220kV	-	-	-	-	-	-	-
SAN ONOFRE-UNIT 3	1818	220kV	-	-	-	-	-	-	-
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	-	-	-	-	-
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	-	-	-	-	-
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,361,940	2,361,940	-	-	-
PALO VERDE-UNIT 2	1864	500kV	-	-	2,452,877	2,452,877	-	-	-
PALO VERDE-UNIT 3	1866	500kV	-	-	2,781,057	2,781,057	-	-	-
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	2,193,415	2,201,181	-	-	-
MAMMOTH POOL LAKE-FP 2085	2150	220kV	-	-	24,016	24,016	-	-	-
BIG CREEK CANYON	2202	33kV & Below	-	-	1,641,022	1,641,022	-	-	-
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246	68,246	-	-	-
MAMMOTH POOL	2238	220kV	-	-	2,838,871	2,838,871	-	-	-
EASTWOOD POWER STATION	2239	220kV	-	627,754	4,940,311	5,568,065	-	-	-
HYDRO PRODUCTION	2300	Misc	-	-	10,367	10,367	-	-	-
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924	421,924	-	-	-
LYTLE CRK&SN ANTONIO CNYN	2303	33kV & Below	-	-	140,226	140,226	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
KERN RIVER CANYON	2305	66kV	-	-	692,140	692,140	-	-	-
KAWEAH RIVER CANYON	2307	66kV	-	-	572,929	572,929	-	-	-
SAN GORGONIO CANYON	2309	33kV & Below	-	-	193,975	193,975	-	-	-
BOREL	2314	66kV	-	1,383	259,591	260,974	-	-	-
SANTA ANA NO.1	2315	33kV & Below	-	-	36,406	36,406	-	-	-
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930	14,930	-	-	-
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316	8,780	-	-	-
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080	52,080	-	-	-
KAWEAH NO.1	2324	66kV	-	-	48,507	48,507	-	-	-
KAWEAH NO.2	2325	66kV	-	2,694	49,126	51,820	-	-	-
KAWEAH NO.3	2326	66kV	-	-	57,269	57,269	-	-	-
LOWER TULE RIVER	2327	66kV	-	-	50,834	50,834	-	-	-
KERN RIVER NO.3	2328	66kV	-	-	462,406	462,406	-	-	-
ONTARIO NO.1	2331	66kV	-	-	205,914	205,914	-	-	-
EASTERN HYDRO REGION	2500	55kV	-	7,254	-	7,254	-	-	-
BISHOP CREEK CANYON	2501	Misc	-	-	697,220	697,220	-	-	-
MONO BASIN	2503	115kV	-	-	196,344	196,344	-	-	-
Lundy	2560 & 2510	55kV	-	317,627	5,817,879	6,135,506	-	-	-
POOLE	2512	115kV	-	-	120,052	120,052	-	-	-
RUSH CREEK	2514	115kV	-	-	175,912	175,912	-	-	-
BISHOP CREEK NO.2	2522	55kV	-	-	60,797	60,797	-	-	-
BISHOP CREEK NO.3	2523	55kV	-	-	1,841,377	1,841,377	-	-	-
BISHOP CREEK NO.4	2524	55kV	-	-	88,569	88,569	-	-	-
BISHOP CREEK NO.5	2525	55kV	-	-	43,037	43,037	-	-	-
BISHOP CREEK NO.6	2526	55kV	-	-	39,098	39,098	-	-	-
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	12,150	13,493	-	-	-
CASA DIABLO	2557	115kV	2,119	290,687	3,525,578	3,818,384	-	-	-
LEE VINING	2561	115kV	344	250,528	2,072,018	2,322,890	-	-	-
SHERWIN	2571	115kV	-	100,772	1,046,645	1,147,416	-	-	-
ZACK	2582	55kV	5,433	-	629,851	635,284	-	-	-
MT. TOM	2598	55kV	-	-	(230)	(230)	-	-	-
BRIDGEPORT	2610	-	-	-	4,451	4,451	-	-	-
MINARET	2612	-	-	-	5,449	5,449	-	-	-
??	3010	-	-	-	29,416	29,416	-	-	-
DAF INDAL 500KW WND TURBN	3717	33kV & Below	714	-	-	714	-	-	-
LEBEC SUBSTATION	5016	220kV	-	-	15,138	15,138	-	-	-
ARCOGEN SUB	5022	220kV	-	-	963,824	963,824	-	-	-
CLWTR SWITCHRACK 3,4 SUB	5046	-	48,136	156,227	3,162,424	3,366,787	-	-	-
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	5,075,770	5,268,423	-	-	-
SAUGUS SUB	5051	66kV	13,373	1,440,369	28,349,603	29,803,345	-	-	-
CAMINO SUB	5068	220kV	-	12,697	3,993,261	4,005,957	-	-	-
VELASCO SUB	5072	220kV	-	-	155,442	155,442	-	-	-
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	24,347	4,606,210	4,652,217	-	-	-
TRITON SUB	5095	115kV	2,415,092	7,747,249	19,181,310	29,343,651	-	-	-
ALHAMBRA SUB	5101	66kV	-	85,073	3,066,710	3,151,783	-	-	-
BANDINI SUB	5107	66kV	4,583	-	36,046	40,629	-	-	-
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451	-	-	-
WABASH (NEW) SUB	5110	66kV	-	-	9,825	9,825	-	-	-
RUSH SUB	5116	66kV	-	-	6,165	6,165	-	-	-

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MONROVIA SUB	5134	33kV & Below	-	-	17,332	17,332	-	-	-
ROSEMEAD SUB	5141	66kV	-	-	22	22	-	-	-
DUARTE SUB	5150	33kV & Below	-	-	18,514	18,514	-	-	-
JOSE SUB	5152	66kV	-	56,769	3,887	60,656	-	-	-
ARROYO SUB	5158	66kV	-	-	123	123	-	-	-
AMADOR SUB	5161	66kV	-	17,956	(47,687)	(29,731)	-	-	-
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195	17,195	-	-	-
JPL SUB	5165	66kV	-	-	3,666	3,666	-	-	-
MAYFLOWER SUB	5167	33kV & Below	-	-	91,972	91,972	-	-	-
TEMPLE SUB	5170	33kV & Below	-	-	17,367	17,367	-	-	-
BRADBURY SUB	5171	66kV	-	392,180	260,445	652,625	-	-	-
KIRK WALL SUBSTATION	5178	66kV	3,995	-	-	3,995	-	-	-
CITRUS SUB	5185	66kV	-	-	32,136	32,136	-	-	-
CORTEZ SUB	5186	66kV	-	-	31,589	31,589	-	-	-
RAILROAD SUB	5196	66kV	-	-	4,078	4,078	-	-	-
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	-	2,046,562	2,046,562	-	-	-
HOWARD SUB	5210	66kV	-	-	22,653	22,653	-	-	-
LENNOX SUB	5213	66kV	-	-	17,794	17,794	-	-	-
WINDSOR HILLS SUB	5235	66kV	-	-	17,508	17,508	-	-	-
YUKON SUB	5241	66kV	4,415	-	-	4,415	-	-	-
ROLLING HILLS SUB (S/b Antelope)	5252	-	-	5252	3,565,975	3,565,975	-	-	3,565,975
STANHILL SUB	5273	66kV	-	-	0	0.01	-	-	-
GOSHEN SUB	5309	66kV	-	-	298,792	298,792	-	-	-
DELANO SUB	5305	66kV	-	873,280	9,049,199	9,922,479	-	-	-
STRATHMORE SUB	5325	66kV	-	-	8,744	8,744	-	-	-
TULARE SUB	5328	66kV	-	-	-	-	-	-	-
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627	-	-	-
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-
MASCOT SUB	5375	66kV	11,327	-	-	11,327	-	-	-
CASITAS SUB	5504	66kV	-	-	65,479	65,479	-	-	-
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-
NEWBURY SUB	5557	66kV	-	-	682,055	682,055	-	-	-
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-
RANDALL SUB	5601	66kV	-	20,403	56,150	76,552	-	-	-
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-
DECLIZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-
COLTON CEMENT SUB	5646	66kV	-	20,599	-	20,599	-	-	-
NAROD SUB	5648	66kV	-	616,090	-	616,090	-	-	-
AMERON SUB	5652	66kV	-	-	541,588	541,588	-	-	-
WIMBLEDON SUB	5664	66kV	-	-	17,343	17,343	-	-	-
HATHAWAY SUBSTATION	5726	66kV	-	-	-	-	-	-	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	16,863	16,863	-	-	-
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
BOVINE SUBSTATION	5788	66kV	-	-	17,101	17,101	-	-	-
MOVIE SUBSTATION	5798	66kV	-	-	17,658	17,658	-	-	-
MURPHY SUB	5812	66kV	-	-	-	-	-	-	-
CARMENITA SUBSTATION	5814	66kV	-	-	146,427	146,427	-	-	-
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-
WAVE SUBSTATION	5828	66kV	-	-	17,259	17,259	-	-	-
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101	58,101	-	-	-
RIVERA SUB	5848	33kV & Below	-	-	8,734	8,734	-	-	-
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262	-	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802	14,802	-	-	-
ESTRELLA SUBSTATION	5865	66kV	-	-	4,443,985	4,443,985	-	-	-
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289	17,289	-	-	-
LAMPSON SUBSTATION	5870	66kV	-	-	15,350	15,350	-	-	-
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-
WESTGATE SUB	5888	12kV	-	28,760	-	28,760	-	-	-
TELEGRAPH SUB	5892	66kV	-	12,346	96,987	109,334	-	-	-
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384	-	-	-
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177	-	-	-
IMPERIAL COUNTY	7013	115kV	-	-	1,702	1,702	-	-	-
ROADWAY(CEP)	8000	115kV	110,643	490,720	9,952,148	10,553,511	19,921	88,445	1,791,801
PAUBA(CEP) SUB	8003	115kV	106,825	757,631	8,266,225	9,130,681	-	-	-
THORNHILL(CEP) SUB	8004	115kV	25,609	979,262	7,824,255	8,829,126	-	-	-
STADLER(CEP) SUB	8005	115kV	139,611	748,975	11,160,502	12,049,088	-	-	-
PAN AERO (CEP) SUB	8009	115kV	-	-	641,041	641,041	-	-	-
PHELAN(CEP) SUB	8010	115kV	154,446	592,230	5,830,941	6,577,617	-	-	-
BANWIND SUBSTATION	8011	115kV	-	-	9,847	9,847	-	-	-
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,336,317	8,816,851	-	-	-
BUNKER(CEP) SUB	8014	115kV	969,397	2,060,418	13,463,157	16,492,972	-	-	-
FARREL(CEP) SUB	8016	115kV	-	606,706	10,653,005	11,259,711	-	-	-
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	8,324,624	9,282,688	-	-	-
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,524,165	17,768,682	-	-	-
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,736,626	8,133,639	-	-	-
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	14,384,750	15,119,838	-	-	-
PEPPER(CEP) SUB	8021	115kV	17,579	158,275	8,191,340	8,367,193	-	-	-
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,502,332	2,629,487	-	-	-
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	912,016	924,029	-	-	-
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	18,099,690	18,848,891	-	-	-
BAKER(CEP) SUB	8025	115kV	-	39,566	2,023,035	2,062,601	-	-	-
BANNING(CEP) SUB	8026	115kV	20,210	1,557,931	16,043,502	17,621,642	-	-	-
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,225,074	12,337,330	-	-	-
EDWARDS(CEP) SUB	8028	115kV	-	166,403	3,002,601	3,169,004	-	-	-
HI DESERT(CEP) SUB	8029	66kV	1,152,796	1,204,060	15,664,914	18,021,771	-	-	-
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	4,554,024	4,569,947	-	-	-
RANDBURG(CEP) SUB	8031	115kV	116	254,918	5,160,393	5,415,427	-	-	-
ROCKET TEST(CEP) SUB	8032	115kV	-	18,045	279,329	297,374	-	-	-
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,914,967	2,958,636	-	-	-
ZANJA(CEP) SUB	8035	115kV	152,559	1,555,796	5,142,044	6,850,398	-	-	-
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	355,051	14,395,842	14,795,582	-	-	-

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			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
NELSON(CEP) SUB	8038	115kV	22,819	589,462	11,338,878	11,951,159	-	-	-
HOMART(CEP) SUB	8039	115kV	174,875	389,821	4,783,661	5,348,356	-	-	-
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,917,764	3,286,003	-	-	-
CALECTRIC SUB (CEP)	8042	115kV	27,870	799,819	7,981,557	8,809,246	-	-	-
GARNET SUB	8044	115kV	38,081	71,880	7,968,999	8,078,960	-	-	-
IID TIE SUB	8045	115kV	39,144	-	23,873	63,017	-	-	-
TIEFORT SUB	8047	115kV	-	211,810	1,424,435	1,636,245	-	-	-
USBR BLYTHE SUB	8048	161kV	-	64,707	7,759,361	7,824,068	-	-	-
PUREWATER SUB	8059	115kV	-	105,704	1,213,817	1,319,521	-	-	-
WHIRLWIND SUB	8060	500kV	-	35,999,032	100,539,304	136,538,336	-	35,999,032	100,539,304
SEAWIND T/S	8061	115kV	2,976	463	279,682	283,121	-	-	-
TIFFANYWIND SUB	8064	115kV	-	-	4,275	4,275	-	-	-
NUSED GALE	8067	115kV	-	-	9,758	9,758	-	-	-
CARODEAN	8072	115kV	-	1,996,271	6,567,044	8,563,315	-	-	-
IVYGLEN SUB	8073	115kV	166,697	1,041,418	7,589,682	8,797,797	-	-	-
COOL WATER SWITCHRACK 1,2	8074	115kV	-	-	2,097,084	2,097,084	-	-	-
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,630,997	1,816,760	-	-	-
SUN CITY(NEW)	8078	115kV	119,513	1,887,934	7,841,469	9,848,915	-	-	-
AQUEDUCT SUB	8079	115kV	2,880	899,540	9,131,473	10,033,892	-	-	-
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568	4,625,621	-	-	-
MENTONE SUB	8082	115kV	161,883	776,473	5,604,708	6,543,064	-	-	-
HIGHWIND SUB	8084	220kV	-	5,455,853	4,359,900	9,815,753	-	5,455,853	4,359,900
CAJALCO SUB	8086	115kV	25,836	244,940	9,584,637	9,855,414	-	-	-
HESPERIA SUB	8087	115kV	22,150	187,187	4,151,013	4,360,351	-	-	-
SKYLARK SUB	8088	115kV	81,206	307,101	9,461,117	9,849,424	-	-	-
MAYBERRY SUB	8089	115kV	23,090	359,461	12,404,432	12,786,984	-	-	-
PERMANENTE SUB	8090	115kV	-	-	87,113	87,113	-	-	-
ELCENTRO TELEMTERING	8091	161kV	-	-	15,844	15,844	-	-	-
NILAND TELEMETERING	8092	161kV	-	-	6,807	6,807	-	-	-
SHANDIN SUB	8093	115kV	42,272	456,196	8,498,038	8,996,506	-	-	-
ARROWHEAD SUB	8094	115kV	-	284,371	5,006,813	5,291,184	-	-	-
STETSON SUB	8095	115kV	23,493	678,972	7,718,396	8,420,861	-	-	-
MARSCHINO SUB	8096	115kV	27,809	1,576,175	9,084,396	10,688,381	-	-	-
DUNN SIDING SUB	8097	115kV	4,913	7,284	342,788	354,985	-	-	-
EISENHOWER SUB	8098	115kV	189,886	751,345	11,277,536	12,218,767	-	-	-
TAMARISK SUB	8099	115kV	125,967	376,902	11,951,189	12,454,058	-	-	-
AMARGO SUB	8102	33kV	-	-	20,739	20,739	-	-	-
BARSTOW SUB	8110	33kV & Below	-	-	59,447	59,447	-	-	-
BLYTHE SUB	8113	33kV & Below	-	8,306	423,685	431,991	-	-	-
BRYMAN SUB	8117	33kV & Below	-	-	6,703	6,703	-	-	-
MILITARY SUB	8120	33kV & Below	-	15,598	-	15,598	-	-	-
GLEN IVY SUB	8152	33kV & Below	-	-	35,758	35,758	-	-	-
HELENDALE SUB	8163	33kV & Below	-	15,110	59,658	74,768	-	-	-
HINKLEY SUB	8167	33kV & Below	-	-	5,533	5,533	-	-	-
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725	-	-	-
MORENO SUB	8193	33kV & Below	-	16,207	114,153	130,360	-	-	-
MURRIETA 2 SUB	8195	33kV & Below	-	-	21,180	21,180	-	-	-
MURRIETA SUB	8196	33kV & Below	1,616,115	-	-	1,616,115	-	-	-
SOUTHCAP SUB.	8197	115kV	-	-	935,935	935,935	-	-	-

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			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MUSCOY SUB	8198	33kV & Below	-	-	132,416	132,416	-	-	-
BELDING SUB	8204	33kV & Below	-	19,232	-	19,232	-	-	-
ORDWAY SUB	8211	33kV & Below	-	-	5,578	5,578	-	-	-
PALM CANYON SUB	8214	33kV & Below	-	30,644	-	30,644	-	-	-
LUCERNE SUB	8220	33kV & Below	-	6,272	-	6,272	-	-	-
RANCHO SUB	8222	33kV & Below	-	-	2,107	2,107	-	-	-
RIALTO SUB	8225	33kV & Below	-	17,716	30,776	48,492	-	-	-
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438	-	-	-
SAN JACINTO SUB	8234	33kV & Below	-	-	10,232	10,232	-	-	-
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236	-	-	-
WILDE SUB	8267	33kV & Below	-	-	47,409	47,409	-	-	-
YERMO SUB	8268	33kV	-	-	20,988	20,988	-	-	-
CORONA SUB	8279	66kV	-	-	-	-	-	-	-
GALE SUB	8283	33kV & Below	-	-	3,630,063	3,630,063	-	-	-
FORGE SUB	8297	115kV	-	-	-	-	-	-	-
BUCKWIND	8301	115kV	-	4,640	748,412	753,051	-	-	-
CAPWIND	8302	115kV	-	-	8,342	8,342	-	-	-
RENWIND	8303	115kV	-	15,102	833,915	849,017	-	-	-
SANWIND	8304	115kV	-	-	104,029	104,029	-	-	-
TRANSWIND	8305	115kV	-	25,366	790,725	816,091	-	-	-
VENWIND	8306	115kV	-	21,039	2,272,136	2,293,176	-	-	-
ALTWIND	8308	115kV	-	1,022	24,357	25,379	-	-	-
TERAWIND	8310	115kV	-	5,398	221,599	226,997	-	-	-
INDIGO SUBSTATION	8311	115kV	-	4,899	84,736	89,635	-	-	-
CALGEN	8312	115kV	532	1,600	12,970	15,102	-	-	-
MCGEN	8314	115kV	-	100,993	2,033,246	2,134,240	-	-	-
SEGS II	8320	115kV	-	-	23,783	23,783	-	-	-
SEGS III	8321	115kV	-	-	11,755	11,755	-	-	-
SEGS IV	8322	115kV	-	-	9,731	9,731	-	-	-
SEGS V	8323	115kV	-	-	8,814	8,814	-	-	-
SEGS VI	8324	115kV	-	-	29,933	29,933	-	-	-
SEGS VII	8325	115kV	-	-	119,704	119,704	-	-	-
SEGS VIII	8326	220kV	-	-	83,150	83,150	-	-	-
SEGS IX	8327	220kV	-	-	74,085	74,085	-	-	-
SOPORT	8340	115kV	-	35,644	654,012	689,655	-	-	-
NEWCOMB	8342	115kV	51,172	1,221,763	10,681,618	11,954,553	-	-	-
ELSINORE	8343	115kV	20,961	267,730	11,662,987	11,951,678	-	-	-
SOUTH BASE SUB	8344	115kV	12,179	138,278	1,878,913	2,029,370	-	-	-
INDIAN WELLS SUB	8345	115kV	222,600	827,991	12,001,101	13,051,692	-	-	-
PECHANGA SUB	8347	115kV	560,579	844,656	11,028,203	12,433,438	-	-	-
MORAGA	8348	115kV	40,720	142,523	17,078,597	17,261,839	-	-	-
TANKER SUBSTATION	8351	115kV	120	4,440	696,181	700,741	-	-	-
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193	-	-	-
AFG SUBSTATION	8354	115kV	-	78,655	1,084,717	1,163,372	-	-	-
RECTIFIER SUB	8357	115kV	-	5,170	1,089,069	1,094,239	-	-	-
MOUNTWIND SUBSTATION	8359	66kV	-	-	29,688	29,688	-	-	-
COSO SUB	8361	115kV	91,119	1,641,130	4,571,360	6,303,610	-	-	-
MOVAL SUBSTATION	8362	115kV	-	210,631	20,477	231,108	-	-	-
PHARMACY SUBSTATION	8509	66kV	-	-	43,289	43,289	-	-	-

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
PLASTER SUBSTATION	8558	66kV	4,671	-	-	4,671	-	-	-
BREA SUBSTATION	8802	66kV	-	-	18,771	18,771	-	-	-
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-	1,188,142	-	-	-
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	527,316	527,316	-	-	-
TELCOMM-ALHAMBRA	9310	Misc	327,844	-	-	327,844	-	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-
CUMMINGS SUB	5357	66kV	-	-	96,660	96,660	-	-	-
MONOLITH SUB	5358	66kV	-	-	1,261,408	1,261,408	-	-	-
ACTON SUB	5365	66kV	24,167	-	-	24,167	-	-	-
DEL SUR SUB	5508	66kV	-	-	785,904	785,904	-	-	-
GOLDTOWN SUB	5511	66kV	-	-	534,109	534,109	-	-	-
LANCASTER SUB	5514	66kV	-	-	1,071,943	1,071,943	-	-	-
LITTLE ROCK SUB	5518	66kV	-	-	1,682,403	1,682,403	-	-	-
SHUTTLE SUB	5522	66kV	-	3	1,018,976	1,018,979	-	-	-
REDMAN WUB	5530	66kV	-	-	276,828	276,828	-	-	-
ANAVERDE SUB	5539	66kV	-	-	57,910	57,910	-	-	-
ROSAMOND SUB	5541	66kV	-	-	542,396	542,396	-	-	-
PIUTE SUB	5545	66kV	-	-	140,209	140,209	-	-	-
OASIS SUB	5548	66kV	-	-	397,187	397,187	-	-	-
CAL CEMENT SUB	5553	66kV	-	4,529	157,640	162,169	-	-	-
PALMDALE SUB	5564	66kV	-	7	720,467	720,474	-	-	-
QUARTZ HILL SUB	5566	66kV	-	-	194,288	194,288	-	-	-
HELIJET SUB	5599	66kV	-	-	499,396	499,396	-	-	-
RITTER SUB	8504	66kV	942,423	-	-	942,423	-	-	-
BIG CREEK NO.1	2211	220kV	-	77,314	9,659,141	9,736,456	-	36,674	4,571,368
BIG CREEK NO.8	2229	220kV	-	282,649	2,338,173	2,620,822	-	228,151	1,885,179
BIG CREEK NO.3	2230	220kV	-	51,707	12,456,802	12,508,509	-	45,832	11,041,337
CONTROL STATION	2556	115kV	-	1,453,535	15,229,785	16,683,320	-	1,208,491	13,146,342
EAGLE ROCK SUB	5011	220kV	19,613	1,129,164	20,404,544	21,553,322	5,997	346,953	6,237,558
MESA SUB	5012	220kV	169,249	6,415,296	42,868,929	49,453,474	45,818	1,665,356	11,676,663
RIO HONDO SUB	5013	220kV	457,530	1,144,750	47,900,186	49,502,465	58,804	147,129	6,205,352
WALNUT SUB	5014	220kV	97,955	2,261,063	28,231,983	30,591,001	13,599	313,904	3,923,878
GOULD SUB	5015	220kV	29,300	655,238	26,038,970	26,723,509	13,156	294,212	11,616,824
LA FRESA SUB	5021	220kV	101,370	4,696,800	63,090,420	67,888,590	21,999	1,013,524	13,341,489
EL NIDO SUB	5023	220kV	285,620	3,614,952	23,807,995	27,708,567	86,814	1,098,765	6,492,533
LA CIENEGA SUB	5024	220kV	2,100,227	3,948,941	31,701,334	37,750,502	481,350	905,056	7,269,233
ALAMITOS SWITCHRACK SUB	5025	220kV	63,557	178,920	14,364,641	14,607,117	29,646	83,455	6,700,265
LG BCH SWITCHRACK SUB	5027	220kV	97,213	1,323,464	7,352,303	8,772,981	49,161	669,284	3,718,105
REDONDO SWITCHRACK SUB	5028	220kV	13,018	39,761	5,699,756	5,752,535	9,041	27,612	3,958,216
MAGUNDEN SUB	5031	220kV	8,363	1,053,144	14,551,814	15,613,321	7,856	990,131	13,668,977
RECTOR SUB	5033	220kV	394,843	13,114,938	96,247,693	109,757,475	194,704	6,599,234	47,996,202
SPRINGVILLE SUB	5034	220kV	12,198	956,139	23,201,968	24,170,304	3,670	250,067	7,018,086
VESTAL SUB	5035	220kV	7,243	1,317,915	16,981,092	18,306,250	1,869	341,334	4,678,974
EAGLE MT. SUB	5040	220kV	-	242,739	8,110,044	8,352,783	-	44,514	1,487,231
CIMA SUB	5043	220kV	1,824	17,123	3,068,638	3,087,585	222	2,085	373,653
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	24,093	2,673,786	2,746,983	-	-	-
PARDEE SUB	5050	220kV	970,263	3,129,223	22,110,997	26,210,483	808,262	2,607,886	18,418,077
ANTELOPE SUB	5052	220kV	21,983	1,607,749	201,381,113	203,010,845	21,983	1,607,749	201,381,113
SANTA CLARA SUB	5053	220kV	140,739	1,511,299	46,041,321	47,693,359	37,001	397,285	12,167,998

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DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
GOLETA SUB	5055	220kV	236,194	900,615	25,799,048	26,935,857	93,884	357,947	10,254,889
MOORPARK SUB	5056	220kV	184,091	3,522,962	56,703,276	60,410,329	29,061	556,150	8,951,418
BAILEY SUB	5059	220kV	111,063	895,918	19,481,729	20,488,710	109,823	885,914	19,264,196
PADUA SUB	5060	220kV	149,547	2,139,500	40,354,202	42,643,249	36,894	527,829	9,955,650
CHINO SUB	5062	220kV	34,465	2,801,330	36,446,489	39,282,283	7,884	622,944	8,355,424
JULIAN HINDS SUB	5063	220kV	-	2,215	774,421	776,636	-	1,519	531,084
VISTA SUB	5064	220kV	52,109	7,912,169	64,947,876	72,912,154	9,133	1,451,804	11,396,975
DEVERS SUB	5067	500kV	285,546	19,408,121	177,743,003	197,436,671	243,838	17,232,189	151,122,100
MIRA LOMA SUB	5069	500kV	476,197	15,407,220	156,606,476	172,489,893	385,406	12,631,496	126,535,714
HINSON SUB	5071	220kV	678,278	558,157	24,391,646	25,628,081	163,280	131,721	5,225,228
LIGHTHIPE SUB	5073	220kV	164,680	8,600,779	35,752,074	44,517,533	56,996	2,976,750	12,440,626
LAGUNA BELL SUB	5074	220kV	131,263	1,927,455	41,550,729	43,609,446	39,668	696,337	12,465,914
DEL AMO SUB	5075	220kV	185,982	1,297,578	45,027,560	46,511,120	37,730	263,236	8,872,972
BARRE SUB	5081	220kV	86,188	2,636,417	58,968,964	61,691,569	28,319	852,869	19,397,217
VILLA PARK SUB	5082	220kV	270,570	2,975,123	30,659,090	33,904,783	63,495	697,777	7,234,484
VIEJO SUBSTATION	5083	220kV	13,285,971	8,561,418	32,684,334	54,531,723	3,186,068	2,053,006	7,838,004
CENTER SUB	5084	220kV	72,253	3,212,157	34,265,941	37,550,352	9,307	302,346	4,524,987
JOHANNA SUB	5085 & 5881	220kV	813,416	3,888,865	17,162,759	21,865,040	481,807	2,492,266	11,107,900
ELLIS SUB	5086	220kV	59,737	1,961,826	69,314,376	71,335,940	15,221	480,310	17,680,546
OLINDA SUB	5087	220kV	390,538	1,647,860	22,919,349	24,957,747	74,145	312,852	4,351,314
SANTIAGO SUB	5088	220kV	557,976	2,451,221	69,609,407	72,618,605	173,085	1,280,192	21,073,144
ETIWANDA SWITCHRACK SUB	5096	220kV	186,144	3,835,031	46,873,382	50,894,557	43,180	889,618	10,904,725
EL CASCO SUBSTATION	8006	220kV	-	29,943,512	52,440,842	82,384,353	-	3,314,344	5,804,495
MIRAGE(CEP) SUB	8012	220kV	629,541	4,250,461	47,476,936	52,356,937	232,542	1,585,656	17,521,612
TORTILLA(CEP) SUB	8037	115kV	17,114	299,150	9,969,707	10,285,971	7,334	244,484	4,445,428
VICTOR SUB	8049	220kV	22,088	13,861,770	96,344,702	110,228,560	18,964	11,953,806	82,666,967
CHEVMAIN	8063	220kV	-	253,369	15,413,743	15,667,112	-	59,673	3,630,183
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	7,964	103,562	6,874,907	6,986,434	4,756	61,707	4,105,609
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	48,811	680,496	26,452,353	27,181,660	29,739	414,599	16,444,855
Vincent	5054 & 8954	500kV	13,085,400	17,626,743	185,641,308	216,353,452	13,078,369	17,622,121	185,562,725
Valley & Valley - CEP	5070 & 8034	500kV	314,771	32,548,307	166,090,757	198,953,835	129,508	18,562,705	63,215,123
San Onofre Switchrack	8051-8055	220kV	-	-	-	-	-	-	-
San Bernardino-220kv Switchyard & 220kv to	8076 & 1999	115kV	302,392	3,755,725	38,977,757	43,035,874	41,597	515,188	5,556,708
MIDWAY-VINCENT LINES 1&2	4026		2,910,822	-	27,105	2,937,927	2,910,822	-	27,105
DWP-EDSN CELILO-SYLMR LN	4031		-	95,841	-	95,841	-	95,841	-
DWP-EDSN CELILO-SYLMR LN	4034		-	541	-	541	-	541	-
PARDEE-SYLMAR LINES 1&2	4045		179,131	20,864	-	199,995	179,131	20,864	-
EAGLE ROCK-SYLMAR LNE	4046		186,657	-	-	186,657	186,657	-	-
PARDEE-VINCENT LINE CONST	4059		13,002	-	-	13,002	13,002	-	-
RIO HONDO-VINCENT LN 2	4070		61,040	-	-	61,040	61,040	-	-
MANY TRANSMISSION LINES	4101		1,450,194	278,181	98,475	1,826,850	1,410,246	405,776	95,762
COGEN/RENEWABLE ENERGY SO	4102		1,466,128	-	-	1,466,128	831,624	-	-
ISO 66KV LINES	4103		(99)	-	-	(99)	-	-	-
DEVERS-HINS LN, OTHERS	4104		1,331,335	-	-	1,331,335	1,260,864	48,005	-
33 AND 66 KV LINES	4105		32,211,022	307,314	1,071,634	33,589,971	218,292	7,929	7,590
COGEN/RENEW ENGY SOURCES	4106		563,121	-	-	563,121	-	-	-
ANTELOPE/MESA LINE, OTHER	4107		2,639,357	303,336	-	2,942,693	2,398,750	296,716	4,219
CHINO-SERRANO/SN ONFRE LN	4108		8,067,991	3,035,777	-	11,103,767	8,084,975	3,042,167	-
COACHELLA VALLEY - DEVERS 220 kV Line	4109		-	-	-	-	-	25,255	-

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			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
BIG CRK 3-BIG CRK 4	4111		1,944	-	-	1,944	1,944	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113		793,531	-	-	793,531	793,531	-	-
ALAMITOS-MESA LN, OTHERS	4114		3,210,560	533,210	661,182	4,404,952	3,063,735	514,378	630,945
HINSON-LIGHTHIPE 1&2	4115		1,607,024	531,635	2,149	2,140,808	1,607,024	531,635	2,149
HINSON-LAFRESA, OTHERS	4116		3,594,552	169,091	2,065	3,765,709	3,594,552	169,091	2,065
ELDRDO-CIMA-PISGAH LN1,2	4117		1,005,398	7,084	12,857	1,025,339	1,005,398	20,355	12,857
MRA LMA-VLL PK LNS, OTHR	4118		5,620,808	86,461	2,260	5,709,529	5,206,103	340,511	2,093
CENTER-MESA LN, OTHERS	4119		2,099,654	16,166	101	2,115,921	1,793,600	72,242	1,159
ALAMITOS-CENTER, OTHERS	4120		4,270,112	295,026	3,380	4,568,518	3,792,331	306,865	26,641
BIG CREEK 4-SPRNGVLL-MGDN	4121		281,784	-	-	281,784	281,784	55,314	-
LUGO-VINCENT LNES 1&2	4123		1,749,466	-	16,633	1,766,099	1,749,466	-	16,633
BIG CRK 1-CMP TEN-...-PRTL	4124		485	-	-	485	-	-	-
GOLETA-SNTA CLARA, OTHERS	4125		11,414,612	1,761,946	1,918	13,178,476	8,492,875	1,316,194	1,427
NORTH BOULDER-MEAD, OTHER	4127		19,842	-	-	19,842	19,821	-	-
KERN RIVER3-VESTAL 66 KV	4129		34,937	-	-	34,937	-	-	-
MOHAVE-LUGO 500KV	4130		157,990	-	-	157,990	157,990	-	-
CUMMINGS-KERBN RIV1, OTHE	4132		3,146	-	-	3,146	-	-	-
BOREL-...-WALKER 66KV LN	4133		50,020	-	-	50,020	-	-	-
LUGO-VICTOR LNS, OTHER	4135		2,211,849	61	-	2,211,911	1,443,504	40	-
LUGO-ELDORADO LN	4136		1,330,373	-	-	1,330,373	1,330,373	-	-
LUGO-ELDORADO LN	4137		16,589	-	-	16,589	16,589	-	-
LUGO-MIRA LOMA 2&3	4138		9,599,068	364,060	98	9,963,226	9,599,068	996,691	98
SPRGVLL-TULE 66KV LN	4139		517	-	-	517	-	-	-
MOHAVE-LUGO 500 KV LN	4140		278,112	-	-	278,112	278,112	-	-
MOHAVE-ELDORADO LN	4141		76,199	-	-	76,199	76,199	-	-
BOREL-WELDON 66KV LN	4142		25,409	-	-	25,409	-	-	-
ELDORADO-BORDER 500 KV LN	4143		6,167	-	-	6,167	6,167	-	-
ELDORADO-MEAD LNS 1&2	4144		9,994	-	-	9,994	9,994	-	-
VINCENT-PARDEE LN 2	4147		3,855,423	-	1,880	3,857,303	3,855,423	-	1,880
MIRA LOMA-SERRANO LN	4148		1,696,737	-	-	1,696,737	1,696,737	-	-
SANTA ANA LNS 1,2,3	4149		232	-	-	232	-	-	-
VINCENT-PEARBLOSSOM LN	4153		309,032	-	-	309,032	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154		750,128	-	-	750,128	750,128	-	-
MIDWAY-VINCENT LN 3	4155		5,826,541	-	-	5,826,541	5,826,541	-	-
ELLIS-SANTIAGO LNS 1,2	4156		12,019,808	-	-	12,019,808	12,019,808	-	-
RIO HONDO-VINCENT LN 2	4157		105,605	18,610	-	124,216	105,605	18,610	-
LUCERNE-LUGO/MIRA LOMA LN	4158		498,252	-	-	498,252	-	-	-
BIG CRK 2-BIG CRK 8	4166		(63,110)	-	-	(63,110)	(63,110)	-	-
BIG CRK 3-MAMMOTH POOL	4168		4,331	-	-	4,331	-	-	-
BIG CRK 1-RECTOR, OTHER	4169		5,649,704	-	2,701	5,652,406	5,471,226	-	2,616
DEVERS-PALO VERDE	4185		13,614,477	-	-	13,614,477	13,614,477	-	-
DEVERS-PALO VERDE	4186		1,193,710	-	-	1,193,710	1,193,710	-	-
DEVERS-VALLEY LNS 1,2	4187		10,444,073	-	-	10,444,073	10,444,073	32,102	-
SERRANO-VALLEY LN	4188		2,855,826	8,043	-	2,863,870	2,855,826	229,571	-
SERRANO-VILLA PK LN 1,2,3	4189		78,248	-	-	78,248	78,248	-	-
VARIOUS 66KV LINES	4200		-	465,310	-	465,310	-	-	-
E.MAGUNDEN-ANTELOPE 220KV	4207		-	25,798	-	25,798	-	-	-
ALL 66KV T/L-METRO REGION	4305		-	-	48,391	48,391	-	-	-
ANTELOPE-MESA 220 KV LN	4307		-	23,142	-	23,142	-	-	-

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			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
EAGLE ROCK-MESA 220KV LN	4314		-	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319		-	37,768	-	37,768	-	-	-
MESA-REDONDO 220KV LN	4414		-	5,819	-	5,819	-	-	-
CENTER MESA&OLINDA 220KV	4419		-	17,925	1,256	19,181	-	-	-
DEVERS-HINDS 220KV LNS	4504		-	50,688	-	50,688	-	-	-
33 & 66KV LNES IN ESTRN R	4505		-	31,269	-	31,269	-	-	-
ETIWANDA-PADUA 220KV LN	4518		-	263,373	-	263,373	-	-	-
MIRA LOMA-WALNUT 220KV LN	4519		-	12,710	-	12,710	-	-	-
LUGO-MIRA LOMA NO. 1&2	4538		-	632,631	-	632,631	-	-	-
DESERT REGION 115KV LINES	4570		-	55,470	-	55,470	-	-	-
DEVERS-VALLEY 500 KV LNS	4587		-	25,661	-	25,661	-	-	-
BAILEY-PARDEE 220 KV LN	4601		-	139,089	-	139,089	-	-	-
33&66KV LNS IN NRTHEN T/S	4605		-	235,738	-	235,738	-	-	-
MOORPARK-PARDEE 200KV LN	4625		-	7,048	-	7,048	-	-	-
ANTELOPE-PARDEE	4644		3,934,890	-	-	3,934,890	3,934,890	-	-
EASTERN T/S REG	4700		33,305	10,543	1,233	45,081	-	-	-
CORONA-JEFFERSON 66 KV LN	4705		243,215	3,296	-	246,510	94,331	1,278	-
ANTELOPE-WINDHUB 500KV LN	4708		17,600,689	-	4,682,803	22,283,492	17,600,689	-	4,682,803
WINDHUB-HIGHWIND 230KV LN	4709		3,268,655	-	-	3,268,655	3,268,655	-	-
ANTELOPE - VINCENT #2 500KV	4712		11,885,452	-	-	11,885,452	11,885,452	-	-
CIMA-ELDO-PISGH	4717		-	13,271	-	13,271	-	-	-
LEE VINING-LUNDY 55K 4771	4730		10,585	-	-	10,585	-	-	-
BISHOP CRK55&115KV LINES	4735		138	58,493	-	58,631	-	-	-
115 KV LNS, ESTN T/S REG	4750		14,318,001	2,902	173,059	14,493,962	3,863,375	65,704	46,641
DEVERS-SN BRDNO 220 KV LN	4756		1,079,577	-	-	1,079,577	1,080,551	-	-
BLYTHE-EAGLE MT 161 KV LN	4759		33,310	-	-	33,310	33,310	-	-
HOOVER-CLWTR 115 KV LN	4781		1,277	-	-	1,277	1,277	-	-
HOOVER-CLWTER 115 KV LN	4782		165,196	-	-	165,196	165,128	-	-
SAN JACINTO REGION 115KV	4950		-	185,419	-	185,419	-	-	-
DEVERS-VALLEY 500KV	4987		-	6,441	-	6,441	-	-	-
BIG CREEK 4-MGNDN 220KV	4221		-	55,314	-	55,314	-	-	-
COACHELLA VALLEY - DEVERS 220 kv Line	4509		-	25,255	-	25,255	-	-	-
ANTELOPE-MAGUNDEN 220KV	4707		-	-	4,642	4,642	-	-	-
ANTELOPE-WHIRLWIND 500KV LN	4710		15,097,490	-	-	15,097,490	15,097,490	-	-
BARRE 1&2-VILLA PARK 220K	4818		-	17,802	-	17,802	-	-	-
ELLIS-HNGTN BCH#1-4 220KV	4820		-	28,322	26,618	54,940	-	-	-
GREENWALD SUB	8339		-	10,350	8,152	18,502	-	-	-
IVANPAH SUB	8363	220kv	-	7,790,932	35,931,490	43,722,422	-	7,790,932	35,931,490
RED BLUFF SUB	8369		-	51,027,697	139,536,144	190,563,841	-	51,027,697	139,536,144
COLORADO RIVER SUB	8367		-	51,227,434	116,362,781	167,590,215	-	51,227,434	116,362,781
FOGARTY SUB	8346		-	3,902,666	14,194,381	18,097,047	-	-	-
VALLEY-SERRANO 500 KV LN	4988		-	221,528	-	221,528	-	-	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 298,731,121	\$ 556,028,683	\$ 4,561,171,591	\$ 5,415,931,395	\$ 212,834,382	\$ 370,951,955	\$ 2,663,195,126
Recalc based on all other TS locations							6,527.31	3,312,934.58	24,378,184.45
Allocation % to use							71.25%	66.71%	58.39%
MOUNTAINVIEW POWER-COMMON	1250		-	-	23,588,992	23,588,992	-	-	13,773,235
PALOVERDE-SWITCHYARD	1869	500kv	-	2,465,520	7,901,074	10,366,594	-	1,644,860	4,613,311

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
PV UNIT 1-INCREMENTAL	1870		-	-	194,959	194,959	-	-	113,833
BIG CREEK NO.2	2212	220kV	-	-	1,516,246	1,516,246	-	-	885,312
BIG CREEK NO.2A	2234	220kV	-	-	1,031,434	1,031,434	-	-	602,238
KERN RIVER NO.1	2313	66kV	-	4,184	354,262	358,446	-	2,791	206,848
MET T/S REGION	4300	Transmission Line	-	131,348	14,696	146,044	-	87,628	8,580
COASTAL T/S REGION	4400	Transmission Line	3,127	-	12,363	15,490	2,228	-	7,219
ALL 66KV T/L-COASTAL REGN	4405	66kV	-	11,937	-	11,937	-	7,964	-
ALAMITOS-CENTER....	4420		-	22,178	-	22,178	-	14,796	-
EASTERN T/S REGION	4500	Transmission Line	-	78,929	21,657	100,585	-	52,657	12,645
ISO 115KV T/L	4513	115kV	16,850	-	-	16,850	12,005	-	-
NRTHN T/S REGION	4600	Transmission Line	-	1,349,870	21,515	1,371,384	-	900,559	12,562
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	2,931	32,032	3,630	38,593	2,088	21,370	2,119
S/E DIV., 66KV LINES	4805	66kV	-	118,500	-	118,500	-	79,057	-
VARIOUS 220KV LINES	4808	220kV	-	2	-	2	-	1	-
SUBSTN DIV	5000	Misc	-	-	3,298,007	3,298,007	-	-	1,925,654
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,713,424	-	3,836,766	87,876	2,477,393	-
METRO REGION	5100		-	-	265,939	265,939	-	-	155,278
NEENACH SUB	5556	66kV	-	-	22,914	22,914	-	-	13,379
BARSTOW NO RGN-SAN BERDOO	6072	CSTMR SRVC FAC.	-	7,617	-	7,617	-	5,082	-
VENTURA COUNTY	7056		-	-	74,798	74,798	-	-	43,673
B&A-T/S 3RD FLOOR-GO3	9010	Misc	-	-	823	823	-	-	481
CHINO OFC BLDG (FACILITY)	9024		-	373,558	-	373,558	-	249,217	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	35,005,257	35,005,257	-	-	20,439,010
FUELS	9203	Misc	-	-	341,890	341,890	-	-	199,624
INNOVATION VILLAGE 1	9221		-	-	1,509,815	1,509,815	-	-	881,557
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	-	2,962,532	2,962,532	-	-	1,729,775
TELECOMM-ALHAMBRA	9330		-	-	90,909	90,909	-	-	53,080
CONWAY SUMMIT COMM SITE	9339		-	-	14,380	14,380	-	-	8,396
Total Locations Reclac'd			\$ 146,249	\$ 8,309,098	\$ 78,248,091	\$ 86,703,438	\$ 104,197	\$ 5,543,376	\$ 45,687,808

ISO/Non-ISO/Mix/Trans Line Summary	ISO Total	14,181,457	216,547,751	1,366,627,580	1,597,356,788	14,181,457	216,547,751	1,366,627,580
	Non-ISO Total	18,336,041	54,667,613	641,559,909	714,563,563	-	-	-
	Mix Total	39,152,983	274,322,048	2,546,141,661	2,859,616,693	21,903,521	145,790,528	1,291,002,862
	Trans Line Total	227,060,640	10,491,271	6,842,440	244,394,352	176,749,404	8,613,676	5,564,684
	Allocation Total	146,249	8,309,098	78,248,091	86,703,438	104,197	5,543,376	45,687,808

Total Transmission Substations	\$ 298,877,371	\$ 564,337,780	\$ 4,639,419,682	\$ 5,502,634,833	\$ 212,938,579	\$ 376,495,331	\$ 2,708,882,934
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SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MOHAVE GENERATING STATION	1320	500kV	-	-	-
BIG CREEK NO.4	2236	220kV	-	-	-
INYO	2570	115kV	-	-	-
METRO GOM MAINT	5001	500kV	-	-	-
HARBORGEN SUB	5019	220kV	-	-	-
EL SEGUNDO SWITCHRACK SUB	5026	220kV	-	-	-
MIDWAY SUB	5032	500kV	-	-	-
PASTORIA SUB	5036	220kV	-	-	-
CLWTR SWITCHRACKS 1,2	5044	115kV	-	-	-
MOHAVE SWITCHRACK	5045	500kV	-	-	-
RANCHO VISTA SUB	5047	500kV	-	-	-
SYLMAR SUB	5058	750kV	-	-	-
LUGO SUB	5061	500kV	-	-	-
PISGAH SUB	5065	220kV	-	-	-
GENE SUB	5066	220kV	-	-	-
WINDHUB SUB	5079	220kV	48,329	994,425	7,832,534
SERRANO SUB	5080	500kV	-	-	-
LEWIS SUB	5089	220kV	-	-	-
EL DORADO SUB(NEVADA)	5090	500kV	-	-	-
MEAD SUB	5091	500kV	-	-	-
MOENKOPI SUB	5092	500kV	-	-	-
WEST SERIES CAPACITORS	5093	500kV	-	-	-
EAST SERIES CAPACITORS 1	5094	500kV	-	-	-
PALO VERDE SWITCHRACK SUB	5097	500kV	-	-	-
MIDWAY-PAC INTERTIE	8932	500kV	-	-	-
PARDEE-PAC INTERTIE	8950	220kV	-	-	-
SYLMAR-PAC INTERTIE	8958	750kV	-	-	-
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	-	-	-
FOUR CORNERS(NEW MEX)	1330	500kV	-	-	-
EDISON ITAC	1451	Misc	-	-	35,855
SAN ONOFRE-COMMON 1,2,3	1808	220kV	-	-	-
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	-
SAN ONOFRE-UNIT 1	1810	220kV	-	-	-
SAN ONOFRE-UNIT 2	1812	220kV	-	-	-
SAN ONOFRE-UNIT 3	1818	220kV	-	-	-
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	-
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	-
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,361,940
PALO VERDE-UNIT 2	1864	500kV	-	-	2,452,877
PALO VERDE-UNIT 3	1866	500kV	-	-	2,781,057
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	2,193,415
MAMMOTH POOL LAKE-FP 2085	2150	220kV	-	-	24,016
BIG CREEK CANYON	2202	33kV & Below	-	-	1,641,022
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246
MAMMOTH POOL	2238	220kV	-	-	2,838,871
EASTWOOD POWER STATION	2239	220kV	-	627,754	4,940,311
HYDRO PRODUCTION	2300	Misc	-	-	10,367
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924
LYTLE CRK&SN ANTONIO CNYN	2303	33kV & Below	-	-	140,226

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
KERN RIVER CANYON	2305	66kV	-	-	692,140
KAWEAH RIVER CANYON	2307	66kV	-	-	572,929
SAN GORGONIO CANYON	2309	33kV & Below	-	-	193,975
BOREL	2314	66kV	-	1,383	259,591
SANTA ANA NO.1	2315	33kV & Below	-	-	36,406
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080
KAWEAH NO.1	2324	66kV	-	-	48,507
KAWEAH NO.2	2325	66kV	-	2,694	49,126
KAWEAH NO.3	2326	66kV	-	-	57,269
LOWER TULE RIVER	2327	66kV	-	-	50,834
KERN RIVER NO.3	2328	66kV	-	-	462,406
ONTARIO NO.1	2331	66kV	-	-	205,914
EASTERN HYDRO REGION	2500	55kV	-	7,254	-
BISHOP CREEK CANYON	2501	Misc	-	-	697,220
MONO BASIN	2503	115kV	-	-	196,344
Lundy	2560 & 2510	55kV	-	317,627	5,817,879
POOLE	2512	115kV	-	-	120,052
RUSH CREEK	2514	115kV	-	-	175,912
BISHOP CREEK NO.2	2522	55kV	-	-	60,797
BISHOP CREEK NO.3	2523	55kV	-	-	1,841,377
BISHOP CREEK NO.4	2524	55kV	-	-	88,569
BISHOP CREEK NO.5	2525	55kV	-	-	43,037
BISHOP CREEK NO.6	2526	55kV	-	-	39,098
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	12,150
CASA DIABLO	2557	115kV	2,119	290,687	3,525,578
LEE VINING	2561	115kV	344	250,528	2,072,018
SHERWIN	2571	115kV	-	100,772	1,046,645
ZACK	2582	55kV	5,433	-	629,851
MT. TOM	2598	55kV	-	-	(230)
BRIDGEPORT	2610		-	-	4,451
MINARET	2612		-	-	5,449
??	3010		-	-	29,416
DAF INDAL 500KW WND TURBN	3717	33kV & Below	714	-	-
LEBEC SUBSTATION	5016	220kV	-	-	15,138
ARCOGEN SUB	5022	220kV	-	-	963,824
CLWTR SWITCHRACK 3,4 SUB	5046		48,136	156,227	3,162,424
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	5,075,770
SAUGUS SUB	5051	66kV	13,373	1,440,369	28,349,603
CAMINO SUB	5068	220kV	-	12,697	3,993,261
VELASCO SUB	5072	220kV	-	-	155,442
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	24,347	4,606,210
TRITON SUB	5095	115kV	2,415,092	7,747,249	19,181,310
ALHAMBRA SUB	5101	66kV	-	85,073	3,066,710
BANDINI SUB	5107	66kV	4,583	-	36,046
BICKNELL SUB	5109	33kV & Below	-	-	2,451
WABASH (NEW) SUB	5110	66kV	-	-	9,825
RUSH SUB	5116	66kV	-	-	6,165

SOUTHERN CALIFORNIA EDISON COMPANY

12-31-2013 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MONROVIA SUB	5134	33kV & Below	-	-	17,332
ROSEMEAD SUB	5141	66kV	-	-	22
DUARTE SUB	5150	33kV & Below	-	-	18,514
JOSE SUB	5152	66kV	-	56,769	3,887
ARROYO SUB	5158	66kV	-	-	123
AMADOR SUB	5161	66kV	-	17,956	(47,687)
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195
JPL SUB	5165	66kV	-	-	3,666
MAYFLOWER SUB	5167	33kV & Below	-	-	91,972
TEMPLE SUB	5170	33kV & Below	-	-	17,367
BRADBURY SUB	5171	66kV	-	392,180	260,445
KIRK WALL SUBSTATION	5178	66kV	3,995	-	-
CITRUS SUB	5185	66kV	-	-	32,136
CORTEZ SUB	5186	66kV	-	-	31,589
RAILROAD SUB	5196	66kV	-	-	4,078
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	-	2,046,562
HOWARD SUB	5210	66kV	-	-	22,653
LENNOX SUB	5213	66kV	-	-	17,794
WINDSOR HILLS SUB	5235	66kV	-	-	17,508
YUKON SUB	5241	66kV	4,415	-	-
ROLLING HILLS SUB (S/b Antelope)	5252		-	-	-
STANHILL SUB	5273	66kV	-	-	0
GOSHEN SUB	5309	66kV	-	-	298,792
DELANO SUB	5305	66kV	-	873,280	9,049,199
STRATHMORE SUB	5325	66kV	-	-	8,744
TULARE SUB	5328	66kV	-	-	-
LINE CREEK SUB	5352	33kV & Below	-	-	9,627
RIVERWAY SUB	5374	66kV	801,825	-	-
MASCOT SUB	5375	66kV	11,327	-	-
CASITAS SUB	5504	66kV	-	-	65,479
FILLMORE SUB	5510	66kV	-	5,566	-
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072
NEWBURY SUB	5557	66kV	-	-	682,055
GAVIOTA SUB	5572	66kV	-	-	118,097
RANDALL SUB	5601	66kV	-	20,403	56,150
TIMOTEO SUB	5604	66kV	-	1,760	-
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-
INLAND CONTAINER SUB	5612	66kV	-	20,750	-
DECLIZ SUB	5615	66kV	-	-	23,032
SAN ANTONIO SUB	5631	66kV	-	-	7,606
COLTON CEMENT SUB	5646	66kV	-	20,599	-
NAROD SUB	5648	66kV	-	616,090	-
AMERON SUB	5652	66kV	-	-	541,588
WIMBLEDON SUB	5664	66kV	-	-	17,343
HATHAWAY SUBSTATION	5726	66kV	-	-	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	16,863
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340
WATSON SUBSTATION	5758	66kV	-	-	3,790
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
BOVINE SUBSTATION	5788	66kV	-	-	17,101
MOVIE SUBSTATION	5798	66kV	-	-	17,658
MURPHY SUB	5812	66kV	-	-	-
CARMENITA SUBSTATION	5814	66kV	-	-	146,427
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-
WAVE SUBSTATION	5828	66kV	-	-	17,259
LA HABRA SUBSTATION	5832	66kV	-	-	17,125
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101
RIVERA SUB	5848	33kV & Below	-	-	8,734
ALTON SUBSTATION	5860	66kV	241,262	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802
ESTRELLA SUBSTATION	5865	66kV	-	-	4,443,985
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289
LAMPSON SUBSTATION	5870	66kV	-	-	15,350
TUSTIN SUBSTATION	5878	66kV	11,308	-	-
WESTGATE SUB	5888	12kV	-	28,760	-
TELEGRAPH SUB	5892	66kV	-	12,346	96,987
NIGUEL SUBSTATION	5896	66kV	-	-	21,384
LAS LOMAS SUB	5902	66kV	4,664,177	-	-
IMPERIAL COUNTY	7013	115kV	-	-	1,702
ROADWAY(CEP)	8000	115kV	90,721	402,275	8,160,347
PAUBA(CEP) SUB	8003	115kV	106,825	757,631	8,266,225
THORNHILL(CEP) SUB	8004	115kV	25,609	979,262	7,824,255
STADLER(CEP) SUB	8005	115kV	139,611	748,975	11,160,502
PAN AERO (CEP) SUB	8009	115kV	-	-	641,041
PHELAN(CEP) SUB	8010	115kV	154,446	592,230	5,830,941
BANWIND SUBSTATION	8011	115kV	-	-	9,847
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,336,317
BUNKER(CEP) SUB	8014	115kV	969,397	2,060,418	13,463,157
FARREL(CEP) SUB	8016	115kV	-	606,706	10,653,005
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	8,324,624
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,524,165
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,736,626
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	14,384,750
PEPPER(CEP) SUB	8021	115kV	17,579	158,275	8,191,340
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,502,332
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	912,016
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	18,099,690
BAKER(CEP) SUB	8025	115kV	-	39,566	2,023,035
BANNING(CEP) SUB	8026	115kV	20,210	1,557,931	16,043,502
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,225,074
EDWARDS(CEP) SUB	8028	115kV	-	166,403	3,002,601
HI DESERT(CEP) SUB	8029	66kV	1,152,796	1,204,060	15,664,914
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	4,554,024
RANDSBURG(CEP) SUB	8031	115kV	116	254,918	5,160,393
ROCKET TEST(CEP) SUB	8032	115kV	-	18,045	279,329
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,914,967
ZANJA(CEP) SUB	8035	115kV	152,559	1,555,796	5,142,044
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	355,051	14,395,842

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
NELSON(CEP) SUB	8038	115kV	22,819	589,462	11,338,878
HOMART(CEP) SUB	8039	115kV	174,875	389,821	4,783,661
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,917,764
CALECTRIC SUB (CEP)	8042	115kV	27,870	799,819	7,981,557
GARNET SUB	8044	115kV	38,081	71,880	7,968,999
IID TIE SUB	8045	115kV	39,144	-	23,873
TIEFORT SUB	8047	115kV	-	211,810	1,424,435
USBR BLYTHE SUB	8048	161kV	-	64,707	7,759,361
PUREWATER SUB	8059	115kV	-	105,704	1,213,817
WHIRLWIND SUB	8060	500kV	-	-	-
SEAWIND T/S	8061	115kV	2,976	463	279,682
TIFFANYWIND SUB	8064	115kV	-	-	4,275
NUSED GALE	8067	115kV	-	-	9,758
CARODEAN	8072	115kV	-	1,996,271	6,567,044
IVYGLEN SUB	8073	115kV	166,697	1,041,418	7,589,682
COOL WATER SWITCHRACK 1,2	8074	115kV	-	-	2,097,084
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,630,997
SUN CITY(NEW)	8078	115kV	119,513	1,887,934	7,841,469
AQUEDUCT SUB	8079	115kV	2,880	899,540	9,131,473
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568
MENTONE SUB	8082	115kV	161,883	776,473	5,604,708
HIGHWIND SUB	8084	220kV	-	-	-
CAJALCO SUB	8086	115kV	25,836	244,940	9,584,637
HESPERIA SUB	8087	115kV	22,150	187,187	4,151,013
SKYLARK SUB	8088	115kV	81,206	307,101	9,461,117
MAYBERRY SUB	8089	115kV	23,090	359,461	12,404,432
PERMANENTE SUB	8090	115kV	-	-	87,113
ELCENTRO TELEMTERING	8091	161kV	-	-	15,844
NILAND TELEMETERING	8092	161kV	-	-	6,807
SHANDIN SUB	8093	115kV	42,272	456,196	8,498,038
ARROWHEAD SUB	8094	115kV	-	284,371	5,006,813
STETSON SUB	8095	115kV	23,493	678,972	7,718,396
MARSCHINO SUB	8096	115kV	27,809	1,576,175	9,084,396
DUNN SIDING SUB	8097	115kV	4,913	7,284	342,788
EISENHOWER SUB	8098	115kV	189,886	751,345	11,277,536
TAMARISK SUB	8099	115kV	125,967	376,902	11,951,189
AMARGO SUB	8102	33kV	-	-	20,739
BARSTOW SUB	8110	33kV & Below	-	-	59,447
BLYTHE SUB	8113	33kV & Below	-	8,306	423,685
BRYMAN SUB	8117	33kV & Below	-	-	6,703
MILITARY SUB	8120	33kV & Below	-	15,598	-
GLEN IVY SUB	8152	33kV & Below	-	-	35,758
HELENDALE SUB	8163	33kV & Below	-	15,110	59,658
HINKLEY SUB	8167	33kV & Below	-	-	5,533
MINNEOLA SUB	8190	33kV & Below	-	-	5,725
MORENO SUB	8193	33kV & Below	-	16,207	114,153
MURRIETA 2 SUB	8195	33kV & Below	-	-	21,180
MURRIETA SUB	8196	33kV & Below	1,616,115	-	-
SOUTHCAP SUB.	8197	115kV	-	-	935,935

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MUSCOY SUB	8198	33kV & Below	-	-	132,416
BELDING SUB	8204	33kV & Below	-	19,232	-
ORDWAY SUB	8211	33kV & Below	-	-	5,578
PALM CANYON SUB	8214	33kV & Below	-	30,644	-
LUCERNE SUB	8220	33kV & Below	-	6,272	-
RANCHO SUB	8222	33kV & Below	-	-	2,107
RIALTO SUB	8225	33kV & Below	-	17,716	30,776
RIDGECREST SUB	8226	33kV & Below	-	-	17,438
SAN JACINTO SUB	8234	33kV & Below	-	-	10,232
TEMESCAL SUB	8250	33kV & Below	-	-	4,236
WILDE SUB	8267	33kV & Below	-	-	47,409
YERMO SUB	8268	33kV	-	-	20,988
CORONA SUB	8279	66kV	-	-	-
GALE SUB	8283	33kV & Below	-	-	3,630,063
FORGE SUB	8297	115kV	-	-	-
BUCKWIND	8301	115kV	-	4,640	748,412
CAPWIND	8302	115kV	-	-	8,342
RENWIND	8303	115kV	-	15,102	833,915
SANWIND	8304	115kV	-	-	104,029
TRANSWIND	8305	115kV	-	25,366	790,725
VENWIND	8306	115kV	-	21,039	2,272,136
ALTWIND	8308	115kV	-	1,022	24,357
TERAWIND	8310	115kV	-	5,398	221,599
INDIGO SUBSTATION	8311	115kV	-	4,899	84,736
CALGEN	8312	115kV	532	1,600	12,970
MCGEN	8314	115kV	-	100,993	2,033,246
SEGS II	8320	115kV	-	-	23,783
SEGS III	8321	115kV	-	-	11,755
SEGS IV	8322	115kV	-	-	9,731
SEGS V	8323	115kV	-	-	8,814
SEGS VI	8324	115kV	-	-	29,933
SEGS VII	8325	115kV	-	-	119,704
SEGS VIII	8326	220kV	-	-	83,150
SEGS IX	8327	220kV	-	-	74,085
SOPORT	8340	115kV	-	35,644	654,012
NEWCOMB	8342	115kV	51,172	1,221,763	10,681,618
ELSINORE	8343	115kV	20,961	267,730	11,662,987
SOUTH BASE SUB	8344	115kV	12,179	138,278	1,878,913
INDIAN WELLS SUB	8345	115kV	222,600	827,991	12,001,101
PECHANGA SUB	8347	115kV	560,579	844,656	11,028,203
MORAGA	8348	115kV	40,720	142,523	17,078,597
TANKER SUBSTATION	8351	115kV	120	4,440	696,181
PLUESS SUBSTATION	8353	115kV	-	-	151,193
AFG SUBSTATION	8354	115kV	-	78,655	1,084,717
RECTIFIER SUB	8357	115kV	-	5,170	1,089,069
MOUNTWIND SUBSTATION	8359	66kV	-	-	29,688
COSO SUB	8361	115kV	91,119	1,641,130	4,571,360
MOVAL SUBSTATION	8362	115kV	-	210,631	20,477
PHARMACY SUBSTATION	8509	66kV	-	-	43,289

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
PLASTER SUBSTATION	8558	66kV	4,671	-	-
BREA SUBSTATION	8802	66kV	-	-	18,771
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	527,316
TELCOMM-ALHAMBRA	9310	Misc	327,844	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-
CUMMINGS SUB	5357	66kV	-	-	96,660
MONOLITH SUB	5358	66kV	-	-	1,261,408
ACTON SUB	5365	66kV	24,167	-	-
DEL SUR SUB	5508	66kV	-	-	785,904
GOLDTOWN SUB	5511	66kV	-	-	534,109
LANCASTER SUB	5514	66kV	-	-	1,071,943
LITTLE ROCK SUB	5518	66kV	-	-	1,682,403
SHUTTLE SUB	5522	66kV	-	3	1,018,976
REDMAN WUB	5530	66kV	-	-	276,828
ANAVERDE SUB	5539	66kV	-	-	57,910
ROSAMOND SUB	5541	66kV	-	-	542,396
PIUTE SUB	5545	66kV	-	-	140,209
OASIS SUB	5548	66kV	-	-	397,187
CAL CEMENT SUB	5553	66kV	-	4,529	157,640
PALMDALE SUB	5564	66kV	-	7	720,467
QUARTZ HILL SUB	5566	66kV	-	-	194,288
HELIJET SUB	5599	66kV	-	-	499,396
RITTER SUB	8504	66kV	942,423	-	-
BIG CREEK NO.1	2211	220kV	-	40,640	5,087,774
BIG CREEK NO.8	2229	220kV	-	54,498	452,994
BIG CREEK NO.3	2230	220kV	-	5,876	1,415,465
CONTROL STATION	2556	115kV	-	245,044	2,083,443
EAGLE ROCK SUB	5011	220kV	13,616	782,211	14,166,987
MESA SUB	5012	220kV	123,430	4,749,939	31,192,267
RIO HONDO SUB	5013	220kV	398,726	997,621	41,694,834
WALNUT SUB	5014	220kV	84,356	1,947,159	24,308,105
GOULD SUB	5015	220kV	16,144	361,026	14,422,147
LA FRESA SUB	5021	220kV	79,371	3,683,276	49,748,931
EL NIDO SUB	5023	220kV	198,806	2,516,187	17,315,462
LA CIENEGA SUB	5024	220kV	1,618,877	3,043,885	24,432,100
ALAMITOS SWITCHRACK SUB	5025	220kV	33,911	95,464	7,664,376
LG BCH SWITCHRACK SUB	5027	220kV	48,052	654,180	3,634,198
REDONDO SWITCHRACK SUB	5028	220kV	3,978	12,149	1,741,540
MAGUNDEN SUB	5031	220kV	507	63,012	882,837
RECTOR SUB	5033	220kV	200,139	6,515,705	48,251,491
SPRINGVILLE SUB	5034	220kV	8,528	706,071	16,183,882
VESTAL SUB	5035	220kV	5,374	976,581	12,302,118
EAGLE MT. SUB	5040	220kV	-	198,225	6,622,813
CIMA SUB	5043	220kV	1,602	15,038	2,694,985
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	24,093	2,673,786
PARDEE SUB	5050	220kV	162,001	521,337	3,692,920
ANTELOPE SUB	5052	220kV	-	-	-
SANTA CLARA SUB	5053	220kV	103,738	1,114,014	33,873,323

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
GOLETA SUB	5055	220kV	142,309	542,669	15,544,160
MOORPARK SUB	5056	220kV	155,030	2,966,813	47,751,858
BAILEY SUB	5059	220kV	1,240	10,004	217,532
PADUA SUB	5060	220kV	112,653	1,611,671	30,398,551
CHINO SUB	5062	220kV	26,580	2,178,386	28,091,065
JULIAN HINDS SUB	5063	220kV	-	696	243,337
VISTA SUB	5064	220kV	42,976	6,460,366	53,550,901
DEVERS SUB	5067	500kV	41,708	2,175,932	26,620,903
MIRA LOMA SUB	5069	500kV	90,791	2,775,724	30,070,762
HINSON SUB	5071	220kV	514,997	426,436	19,166,419
LIGHTHIPE SUB	5073	220kV	107,684	5,624,029	23,311,448
LAGUNA BELL SUB	5074	220kV	91,595	1,231,117	29,084,815
DEL AMO SUB	5075	220kV	148,252	1,034,342	36,154,588
BARRE SUB	5081	220kV	57,869	1,783,548	39,571,747
VILLA PARK SUB	5082	220kV	207,075	2,277,346	23,424,606
VIEJO SUBSTATION	5083	220kV	10,099,904	6,508,412	24,846,329
CENTER SUB	5084	220kV	62,947	2,909,811	29,740,954
JOHANNA SUB	5085 & 5881	220kV	331,609	1,396,600	6,054,859
ELLIS SUB	5086	220kV	44,516	1,481,516	51,633,830
OLINDA SUB	5087	220kV	316,393	1,335,008	18,568,036
SANTIAGO SUB	5088	220kV	384,891	1,171,029	48,536,263
ETIWANDA SWITCHRACK SUB	5096	220kV	142,964	2,945,413	35,968,657
EL CASCO SUBSTATION	8006	220kV	-	26,629,168	46,636,346
MIRAGE(CEP) SUB	8012	220kV	396,998	2,664,805	29,955,324
TORTILLA(CEP) SUB	8037	115kV	9,780	54,666	5,524,279
VICTOR SUB	8049	220kV	3,124	1,907,964	13,677,734
CHEVMAIN	8063	220kV	-	193,697	11,783,560
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	3,208	41,855	2,769,299
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	19,073	265,897	10,007,497
Vincent	5054 & 8954	500kV	7,031	4,622	78,583
Valley & Valley - CEP	5070 & 8034	500kV	185,263	13,985,602	102,875,634
San Onofre Switchrack	8051-8055	220kV	-	-	-
San Bernardino-220kv Switchyard & 220kv to	8076 & 1999	115kV	260,796	3,240,538	33,421,049
MIDWAY-VINCENT LINES 1&2	4026		-	-	-
DWP-EDSN CELILO-SYLMR LN	4031		-	-	-
DWP-EDSN CELILO-SYLMR LN	4034		-	-	-
PARDEE-SYLMAR LINES 1&2	4045		-	-	-
EAGLE ROCK-SYLMAR LNE	4046		-	-	-
PARDEE-VINCENT LINE CONST	4059		-	-	-
RIO HONDO-VINCENT LN 2	4070		-	-	-
MANY TRANSMISSION LINES	4101		39,948	(127,595)	2,713
COGEN/RENEWABLE ENERGY SO	4102		634,504	-	-
ISO 66KV LINES	4103		(99)	-	-
DEVERS-HINS LN, OTHERS	4104		70,471	(48,005)	-
33 AND 66 KV LINES	4105		31,992,731	299,385	1,064,044
COGEN/RENEW ENGY SOURCES	4106		563,121	-	-
ANTELOPE/MESA LINE, OTHER	4107		240,607	6,621	(4,219)
CHINO-SERRANO/SN ONFRE LN	4108		(16,985)	(6,391)	-
COACHELLA VALLEY - DEVERS 220 kV Line	4109		-	(25,255)	-

SOUTHERN CALIFORNIA EDISON COMPANY

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
BIG CRK 3-BIG CRK 4	4111		-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113		-	-	-
ALAMITOS-MESA LN, OTHERS	4114		146,825	18,832	30,237
HINSON-LIGHTHIPE 1&2	4115		-	-	-
HINSON-LAFRESA, OTHERS	4116		-	-	-
ELDRDO-CIMA-PISGAH LN1,2	4117		-	(13,271)	-
MRA LMA-VLL PK LNS, OTHR	4118		414,705	(254,050)	167
CENTER-MESA LN, OTHERS	4119		306,054	(56,076)	(1,058)
ALAMITOS-CENTER, OTHERS	4120		477,781	(11,839)	(23,261)
BIG CREEK 4-SPRNGVLL-MGDN	4121		-	(55,314)	-
LUGO-VINCENT LNES 1&2	4123		-	-	-
BIG CRK 1-CMP TEN---PRTL	4124		485	-	-
GOLETA-SNTA CLARA, OTHERS	4125		2,921,736	445,752	491
NORTH BOULDER-MEAD, OTHER	4127		22	-	-
KERN RIVER3-VESTAL 66 KV	4129		34,937	-	-
MOHAVE-LUGO 500KV	4130		-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132		3,146	-	-
BOREL---WALKER 66KV LN	4133		50,020	-	-
LUGO-VICTOR LNS, OTHER	4135		768,345	21	-
LUGO-ELDORADO LN	4136		-	-	-
LUGO-ELDORADO LN	4137		-	-	-
LUGO-MIRA LOMA 2&3	4138		-	(632,631)	-
SPRGVLL-TULE 66KV LN	4139		517	-	-
MOHAVE-LUGO 500 KV LN	4140		-	-	-
MOHAVE-ELDORADO LN	4141		-	-	-
BOREL-WELDON 66KV LN	4142		25,409	-	-
ELDORADO-BORDER 500 KV LN	4143		-	-	-
ELDORADO-MEAD LNS 1&2	4144		-	-	-
VINCENT-PARDEE LN 2	4147		-	-	-
MIRA LOMA-SERRANO LN	4148		-	-	-
SANTA ANA LNS 1,2,3	4149		232	-	-
VINCENT-PEARBLOSSOM LN	4153		309,032	-	-
LUGO-VICTORVLL EDSON-DWP	4154		-	-	-
MIDWAY-VINCENT LN 3	4155		-	-	-
ELLIS-SANTIAGO LNS 1,2	4156		-	-	-
RIO HONDO-VINCENT LN 2	4157		-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158		498,252	-	-
BIG CRK 2-BIG CRK 8	4166		-	-	-
BIG CRK 3-MAMMOTH POOL	4168		4,331	-	-
BIG CRK 1-RECTOR, OTHER	4169		178,478	-	85
DEVERS-PALO VERDE	4185		-	-	-
DEVERS-PALO VERDE	4186		-	-	-
DEVERS-VALLEY LNS 1,2	4187		-	(32,102)	-
SERRANO-VALLEY LN	4188		-	(221,528)	-
SERRANO-VILLA PK LN 1,2,3	4189		-	-	-
VARIOUS 66KV LINES	4200		-	465,310	-
E.MAGUNDEN-ANTELOPE 220KV	4207		-	25,798	-
ALL 66KV T/L-METRO REGION	4305		-	-	48,391
ANTELOPE-MESA 220 KV LN	4307		-	23,142	-

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
EAGLE ROCK-MESA 220KV LN	4314		-	-	-
CENTER-MESA 220KV LN	4319		-	37,768	-
MESA-REDONDO 220KV LN	4414		-	5,819	-
CENTER MESA&OLINDA 220KV	4419		-	17,925	1,256
DEVERS-HINDS 220KV LNS	4504		-	50,688	-
33 & 66KV LNES IN ESTRN R	4505		-	31,269	-
ETIWANDA-PADUA 220KV LN	4518		-	263,373	-
MIRA LOMA-WALNUT 220KV LN	4519		-	12,710	-
LUGO-MIRA LOMA NO. 1&2	4538		-	632,631	-
DESERT REGION 115KV LINES	4570		-	55,470	-
DEVERS-VALLEY 500 KV LNS	4587		-	25,661	-
BAILEY-PARDEE 220 KV LN	4601		-	139,089	-
33&66KV LNS IN NRTHEN T/S	4605		-	235,738	-
MOORPARK-PARDEE 200KV LN	4625		-	7,048	-
ANTELOPE-PARDEE	4644		-	-	-
EASTERN T/S REG	4700		33,305	10,543	1,233
CORONA-JEFFERSON 66 KV LN	4705		148,884	2,017	-
ANTELOPE-WINDHUB 500KV LN	4708		-	-	-
WINDHUB-HIGHWIND 230KV LN	4709		-	-	-
ANTELOPE - VINCENT #2 500KV	4712		-	-	-
CIMA-ELDO-PISGH	4717		-	13,271	-
LEE VINING-LUNDY 55K 4771	4730		10,585	-	-
BISHOP CRK55&115KV LINES	4735		138	58,493	-
115 KV LNS, ESTN T/S REG	4750		10,454,625	(62,802)	126,418
DEVERS-SN BRDNO 220 KV LN	4756		(975)	-	-
BLYTHE-EAGLE MT 161 KV LN	4759		-	-	-
HOOVER-CLWTR 115 KV LN	4781		-	-	-
HOOVER-CLWTER 115 KV LN	4782		68	-	-
SAN JACINTO REGION 115KV	4950		-	185,419	-
DEVERS-VALLEY 500KV	4987		-	6,441	-
BIG CREEK 4-MGNDN 220KV	4221		-	55,314	-
COACHELLA VALLEY - DEVERS 220 kV Line	4509		-	25,255	-
ANTELOPE-MAGUNDEN 220KV	4707		-	-	4,642
ANTELOPE-WHIRLWIND 500KV LN	4710		-	-	-
BARRE 1&2-VILLA PARK 220K	4818		-	17,802	-
ELLIS-HNGTN BCH#1-4 220KV	4820		-	28,322	26,618
GREENWALD SUB	8339		-	10,350	8,152
IVANPAH SUB	8363	220kV	-	-	-
RED BLUFF SUB	8369		-	-	-
COLORADO RIVER SUB	8367		-	-	-
FOGARTY SUB	8346		-	3,902,666	14,194,381
VALLEY-SERRANO 500 KV LN	4988		-	221,528	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 85,896,739	\$ 185,076,728	\$ 1,897,976,465
Recalc based on all other TS locations			84,154.04	228,611.88	27,829,369.17
Allocation % to use			28.75%	33.29%	41.61%
MOUNTAINVIEW POWER-COMMON	1250		-	-	9,815,757
PALOVERDE-SWITCHYARD	1869	500kV	-	820,660	3,287,763

TS by Location

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TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
PV UNIT 1-INCREMENTAL	1870		-	-	81,125
BIG CREEK NO.2	2212	220kV	-	-	630,934
BIG CREEK NO.2A	2234	220kV	-	-	429,196
KERN RIVER NO.1	2313	66kV	-	1,393	147,414
MET T/S REGION	4300	Transmission Line	-	43,720	6,115
COASTAL T/S REGION	4400	Transmission Line	899	-	5,145
ALL 66KV T/L-COASTAL REGN	4405	66kV	-	3,973	-
ALAMITOS-CENTER....	4420		-	7,382	-
EASTERN T/S REGION	4500	Transmission Line	-	26,272	9,012
ISO 115KV T/L	4513	115kV	4,845	-	-
NRTHN T/S REGION	4600	Transmission Line	-	449,310	8,953
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	843	10,662	1,510
S/E DIV., 66KV LINES	4805	66kV	-	39,443	-
VARIOUS 220KV LINES	4808	220kV	-	0	-
SUBSTN DIV	5000	Misc	-	-	1,372,354
NO. T/S REG OFC/VALENCIA	5038	Misc	35,466	1,236,030	-
METRO REGION	5100		-	-	110,662
NEENACH SUB	5556	66kV	-	-	9,535
BARSTOW NO RGN-SAN BERDOO	6072	CSTMTR SRVC FAC.	-	2,535	-
VENTURA COUNTY	7056		-	-	31,125
B&A-T/S 3RD FLOOR-GO3	9010	Misc	-	-	343
CHINO OFC BLDG (FACILITY)	9024		-	124,340	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	14,566,248
FUELS	9203	Misc	-	-	142,266
INNOVATION VILLAGE 1	9221		-	-	628,258
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	-	1,232,757
TELECOMM-ALHAMBRA	9330		-	-	37,829
CONWAY SUMMIT COMM SITE	9339		-	-	5,984
Total Locations Reclam'd			\$ 42,052	\$ 2,765,722	\$ 32,560,282

ISO/Non-ISO/Mix/Trans Line Summary	ISO Total	-	-	-
	Non-ISO Total	18,336,041	54,667,613	641,559,909
	Mix Total	17,249,462	128,531,521	1,255,138,799
	Trans Line Total	50,311,237	1,877,595	1,277,757
	Allocation Total	42,052	2,765,722	32,560,282

Total Transmission Substations	\$ 85,938,791	\$ 187,842,450	\$ 1,930,536,747
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**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2013**
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CIRCUIT NAME	OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT N.O.										TOTAL
		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359		
1000kV TRANSMISSION LINES															
CEILJO-SYLMAR HV DC - CALIF.		4031	336.18	336.18	0	95,841	0	27,431,807	0	14,197,042	0	0	136,841	41,861,530	
CEILJO-SYLMAR HV DC - NEVADA		4034	289.73	289.73	0	541	0	7,698,607	0	5,631,427	0	0	668,871	13,999,446	
TOTAL CEILJO-SYLMAR			625.90	625.90	0	96,382	0	35,130,414	0	19,828,469	0	0	805,712	55,860,976	
TOTAL 1000kV T/L'S			625.90	625.90	0	96,382	0	35,130,414	0	19,828,469	0	0	805,712	55,860,976	
500kV TRANSMISSION LINES															
ANTELOPE-VINCENT No.1 & 2		4712	34.82	34.82	11,885,452	0	0	164,470,396	0	49,713,451	0	0	7,067,490	233,136,790	
ANTELOPE-WHIRLWIND		4710	14.49	14.49	15,097,490	0	0	40,424,916	0	37,432,024	0	0	2,090,698	95,045,129	
ANTELOPE-WINDHUB		4708	25.45	25.45	17,600,689	0	4,682,803	13,746,933	30,818,084	19,251,107	0	0	0	86,099,616	
COLORADO RIVER-PALO VERDE - CALIF.		4185	16.30	126.45											
COLORADO RIVER-PALO VERDE - ARIZONA		4186	112.30	112.05											
TOTAL COLORADO RIVER-PALO VERDE			128.60	238.50											
COLORADO RIVER-RED BLUFF No. 1 & 2		4185	64.20	126.45											
DEVERS-RED BLUFF No. 1 & 2		4185	162.60	126.45											
DEVERS-PALO VERDE - CALIF.		4185	126.45	126.45	13,614,477	0	0	278,779,924	915,855	108,630,947	0	1,151,660	14,698,582	417,791,445	
DEVERS-PALO VERDE - ARIZONA		4186	112.05	112.05	1,193,710	0	0	17,297,411	0	24,561,685	0	0	147,245	43,200,051	
TOTAL DEVERS-PALO VERDE			238.50	238.50	14,808,188	0	0	296,077,334	915,855	133,192,632	0	1,151,660	14,845,827	460,991,496	
DEVERS-VALLEY No. 1 & 2		4187	83.20	83.20	10,444,073	32,102	0	200,066,748	0	65,332,114	0	0	15,800,544	291,675,582	
ELDORADO-LUGO - CALIF.		4136	150.67	150.67	1,330,373	0	0	13,561,291	2,050,347	10,632,414	0	0	117,747	27,692,173	
ELDORADO-LUGO - NEVADA		4137	26.51	26.51	16,589	0	0	2,027,936	0	4,395,883	0	0	20,088	6,460,497	
TOTAL ELDORADO-LUGO			177.18	177.18	1,346,962.08	0.00	0.00	15,589,227.61	2,050,346.98	15,028,297.39	0.00	0.00	137,835.29	34,152,669.35	
ELDORADO-MCCULLOUGH (SCE PORTION)		N/A	0.60											N/A	
ELDORADO-MOENKOPI (SCE PORTION)		4143	29.65	29.65	6,167	0	0	2,588,095	0	1,880,705	0	0	145,064	4,620,032	
ELDORADO-MOHAIVE		4141	59.39	59.39	76,199	0	0	1,155,538	0	1,251,359	0	0	55,916	2,539,013	
LAUGHLIN-MOHAIVE (SCE PORTION)		N/A	0.22											N/A	
LUGO-MOHAIVE - NEVADA		4130	9.85	9.85	157,990	0	0	420,632	0	517,455	0	0	19,051	1,115,128	
LUGO-MOHAIVE - CALIF.		4140	165.96	165.96	278,112	0	0	12,199,301	1,405,556	9,646,207	0	0	329,333	23,858,509	
TOTAL LUGO-MOHAIVE			175.81	175.81	436,101.42	0.00	0.00	12,619,933.58	1,405,556.45	10,163,661.75	0.00	0.00	348,383.53	24,973,637	
LUGO-MIRA LOMA No.2		4138	30.59	96.51	3,042,533	315,912	31	8,352,557	37,477	5,848,489	0	0	187,471	17,784,471	
LUGO-MIRA LOMA No. 3		4138	31.42	96.51	3,125,448	324,522	32	8,580,180	38,499	6,007,872	0	0	192,580	18,269,132	
LUGO-RANCHO VISTA		4138	26.97	96.51	2,683,013	278,583	27	7,365,580	33,049	5,157,404	0	0	165,319	15,682,975	
MIRA LOMA-RANCHO VISTA		4138	7.52	96.51	748,074	77,674	8	2,053,659	9,215	1,437,979	0	0	46,094	4,372,703	
TOTAL LUGO-MIRA LOMA			96.51	96.51	9,599,068	996,691	98	26,351,975	118,240	18,451,745	0	0	591,464	56,109,280	
LUGO-VICTORVILLE (SCE PORTION)		4154	7.57	7.57	750,128	0	0	1,157,577	0	759,625	0	0	0	2,667,330	
LUGO-VINCENT No. 1		4123	47.16	94.39	874,196	0	8,311	3,876,289	0	3,569,521	0	0	945	8,329,262	
LUGO-VINCENT No. 2		4123	47.22	94.39	875,271	0	8,322	3,881,056	0	3,573,911	0	0	946	8,339,505	
MIDWAY-VINCENT No. 1		4026	112.70	225.49	1,454,773	0	13,546	9,948,877	42,661	11,465,681	0	0	397,593	23,323,131	
MIDWAY-VINCENT No. 2		4026	112.80	225.49	1,456,049	0	13,558	9,957,607	42,698	11,475,743	0	0	397,942	23,343,599	
VINCENT-WHIRLWIND		4155	36.45												
MIDWAY-WHIRLWIND (SCE PORTION)		4155	23.79												
MIDWAY-VINCENT No. 3		4155	52.62	52.62	5,826,541	0	0	17,450,466	0	7,271,479	0	0	187,772	30,736,257	
MIRA LOMA-SERRANO No. 1 & 2		4148	28.75	28.75	1,696,737	0	0	18,384,826	0	7,820,475	0	0	252,983	28,155,021	
SERRANO-VALLEY		4188	40.52	40.52	2,855,826	229,571	0	22,909,118	515,653	14,833,343	0	0	2,445,167	43,788,679	

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2013**

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CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
					350	352	353	354	355	356	357	358	359		
WHIRLWIND-WINDHUB		4711	16.13	16.13	0	0	0	58,252,715	123,730	16,096,410	0	0	0	74,472,855	
MIRA LOMA SUBSTATION		5069			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	98,999	0	0	0	0	98,999	
VALLEY SUB		5070			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	3,572	1,754	0	0	0	5,326	
SERRANO SUB		5080			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	0	0	0	0	2,236,590	2,236,590	
EL DORADO SUB		5090			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	0	0	0	0	92,479	92,479	
SYLMAR-PAC INTERTIE		8958			Refer Substation Study	Refer Substation Study	Refer Substation Study	2,505,376	0	359,913	0	0	0	2,865,290	
TOTAL 500kV T/L'S			1,525.82	1,920.64	97,089,910	1,258,364	4,726,639	918,909,629	36,032,824	428,563,286	0	1,151,660	44,766,571	1,532,498,883	
220kV TRANSMISSION LINES															
ANTELOPE-PARDEE <i>Built as 500kV energized as 220</i>		4644	26.39	26.39	3,934,890	0	0	85,892,178	7,668,801	39,517,961	0	0	3,093,212	140,107,042	
ALAMITOS-BARRE NO. 1		4120	15.35	150.09	436,694	35,336	3,068	908,922	90,507	813,416	26	0	3,418	2,291,386	
ALAMITOS-BARRE No. 2		4120	15.40	150.09	438,114	35,451	3,078	911,877	90,801	816,060	26	0	3,429	2,298,835	
ALAMITOS-CENTER		4120	11.47	150.09	326,308	26,404	2,292	679,169	67,629	607,804	20	0	2,554	1,712,180	
ALAMITOS-LIGHTHIPE		4120	11.84	150.09	336,787	27,252	2,366	700,978	69,800	627,322	20	0	2,636	1,767,160	
ANTELOPE-MAGUNDEN No. 1		4107	59.25	270.79	577,514	71,436	1,016	1,944,874	0	1,490,900	0	0	183,022	4,268,761	
ANTELOPE-MAGUNDEN No. 2		4107	59.27	270.79	577,684	71,457	1,016	1,945,445	0	1,491,338	0	0	183,075	4,270,015	
ANTELOPE-MESA (DISCONNECTED)		4107	60.44	270.79	589,140	72,874	1,036	1,984,026	0	1,520,914	0	0	186,706	4,354,697	
BAILEY-PARDEE		4101	26.90	354.28	110,112	31,683	7,477	1,697,129	107,501	2,362,139	0	0	88,041	4,404,083	
BAILEY-PASTORIA		4101	12.40	354.28	50,749	14,602	3,446	782,179	49,545	1,088,671	0	0	40,577	2,029,769	
BARRE-DEL AMO		4120	9.70	150.09	275,964	22,330	1,939	574,383	57,195	514,029	17	0	2,160	1,448,015	
BARRE-ELLIS No. 1		4120	12.74	150.09	362,451	29,329	2,546	754,395	75,119	675,126	22	0	2,837	1,901,825	
BARRE-ELLIS No. 2		4120	12.74	150.09	362,451	29,329	2,546	754,395	75,119	675,126	22	0	2,837	1,901,825	
BARRE-ELLIS No. 3		4120	12.73	150.09	362,167	29,306	2,544	753,803	75,061	674,596	22	0	2,835	1,900,333	
BARRE-ELLIS No. 4		4120	12.72	150.09	361,882	29,283	2,542	753,211	75,002	674,066	22	0	2,832	1,898,840	
BARRE-LEWIS		4118	5.02	155.75	176,551	11,548	71	578,697	16,315	459,268	0	0	5,659	1,248,108	
BARRE-VILLA PARK		4118	8.99	155.75	316,541	20,704	127	1,037,556	29,251	823,430	0	0	10,146	2,237,755	
BIG CREEK 1-BIG CREEK 2		4169	4.49	297.62	85,282	0	41	182,407	215,553	202,688	0	0	64,318	750,288	
BIG CREEK 1-RECTOR		4169	74.35	297.62	1,411,361	0	675	3,018,713	3,567,258	3,354,357	0	0	1,064,415	12,416,779	
BIG CREEK 2-BIG CREEK 3		4169	7.41	297.62	140,613	0	67	300,752	355,404	334,192	0	0	106,047	1,237,075	
BIG CREEK 2-BIG CREEK 8		4166	1.70	9.03	-11,911	0	0	30,963	0	25,750	0	0	0	44,802	
BIG CREEK 3-BIG CREEK 4		4111	5.79	5.79	1,944	0	0	133,734	0	284,487	0	0	29,429	449,593	
BIG CREEK 3-BIG CREEK 8		4166	7.32	9.03	-51,199	0	0	133,088	0	110,681	0	0	0	192,569	
BIG CREEK 3-RECTOR		4169	64.34	297.62	1,221,273	0	584	2,612,141	3,086,806	2,902,579	0	0	921,055	10,744,437	

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2013**

\$

CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
					350	352	353	354	355	356	357	358	359		
BIG CREEK 3-SPRINGVILLE		4113	76.70	128.32	474,317	0	0	1,100,568	123,239	1,285,388	0	0	377,178	3,360,690	
BIG CREEK 4-SPRINGVILLE		4121	83.52	135.41	173,799	34,116	0	1,234,281	114,861	1,265,884	0	0	88,630	2,911,571	
CENTER-DEL AMO		4120	6.19	150.09	176,002	14,242	1,236	366,326	36,477	327,834	11	0	1,377	923,505	
CENTER-MESA		4119	12.46	137.65	190,083	7,656	123	717,768	10,803	1,344,075	0	0	447,033	2,717,541	
CENTER-OLINDA		4119	18.77	137.65	286,387	11,535	185	1,081,421	16,276	2,025,044	0	0	673,520	4,094,368	
CHEVMAIN-EL NIDO		4116	1.25	90.45	49,023	2,306	28	44,331	144,568	92,542	0	0	185	332,982	
CHEVMAIN-EL NIDO		4116	0.48	0.95	18,731	881	11	0	0	0	90,294	228,414	71	338,402	
TOTAL CHEVMAIN-EL NIDO			1.72	91.41	67,754	3,187	39	44,331	144,568	92,542	90,294	228,414	256	671,384	
CHEVMAIN-EL SEGUNDO		4116	1.78	90.45	69,905	3,288	40	63,214	206,147	131,961	0	0	264	474,819	
CHINO-MIRA LOMA No.1		4117	9.30	305.18	30,627	620	392	596,174	124,737	328,437	0	0	4,605	1,085,591	
CHINO-MIRA LOMA No. 2		4118	6.68	155.75	235,320	15,391	95	771,331	21,746	612,147	0	0	7,543	1,663,572	
CHINO-MIRA LOMA No. 3		4118	6.79	155.75	239,059	15,636	96	783,584	22,091	621,871	0	0	7,662	1,690,000	
CHINO-SERRANO		4108	24.84	169.20	1,184,402	445,660	0	2,072,130	227,858	2,077,373	0	0	66,668	6,074,091	
CHINO-VIEJO		4108	25.60	169.20	1,220,674	459,308	0	2,135,589	234,836	2,140,992	0	0	68,709	6,260,109	
CIMA-ELDORADO-PISGAH No. 1 - CALIF.		4117	82.42	305.18	271,516	5,497	3,472	5,285,230	1,105,824	2,911,677	0	0	40,822	9,624,037	
CIMA-ELDORADO-PISGAH No. 1 - NEVADA		4127	26.83	85.09	6,257	0	0	204,226	0	173,370	0	0	1,641	385,495	
TOTAL CIMA-ELDORADO-PISGAH No.1			109.25	390.27	277,773	5,497	3,472	5,489,456	1,105,824	3,085,047	0	0	42,464	10,009,532	
CIMA-ELDORADO-PISGAH No. 2 - CALIF.		4117	82.68	305.18	272,383	5,515	3,483	5,302,121	1,109,358	2,920,982	0	0	40,953	9,654,795	
CIMA-ELDORADO-PISGAH No. 2 - NEVADA		4127	27.03	85.09	6,303	0	0	205,726	0	174,644	0	0	1,653	388,327	
TOTAL CIMA-ELDORADO-PISGAH No.2			109.71	390.27	278,686	5,515	3,483	5,507,847	1,109,358	3,095,626	0	0	42,606	10,043,122	
COACHELLA VALLEY-DEVERS (SCE PORTION)		4109	0.38	0.38	0	25,255	0	0	0	0	0	0	0	25,255	
DEL AMO-HINSON		4115	6.04	27.07	358,848	118,714	480	803,685	111,220	475,028	0	0	6,122	1,874,096	
DEL AMO-HINSON		4120	6.22	150.09	176,864	14,311	1,242	368,120	36,656	329,439	11	0	1,384	928,028	
TOTAL DEL AMO-HINSON			12.26	177.16	535,712	133,025	1,722	1,171,805	147,876	804,467	11	0	7,506	2,802,124	
DEL AMO-LAGUNA BELL		4114	7.00	129.55	173,364	29,106	35,702	730,732	7,987	522,813	0	0	16,425	1,516,129	
DEL AMO-LAGUNA BELL		4120	6.21	150.09	176,648	14,294	1,241	367,670	36,611	329,037	11	0	1,383	926,894	
TOTAL DEL AMO-LAGUNA BELL			13.20	279.65	350,012	43,400	36,943	1,098,402	44,598	851,849	11	0	17,807	2,443,022	
DEVERS-MIRAGE No. 1		4104	15.16	158.74	127,114	4,840	0	1,054,636	1,423,268	989,836	0	0	28,963	3,628,657	
DEVERS-MIRAGE No. 2		4104	15.16	158.74	127,114	4,840	0	1,054,636	1,423,268	989,836	0	0	28,963	3,628,657	
DEVERS-SAN BERNARDINO		4104	43.20	158.74	362,226	13,791	0	3,005,295	4,055,750	2,820,641	0	0	82,535	10,340,238	
DEVERS-EL CASCO		4104	2.33	158.74	19,528	743	0	162,016	218,646	152,061	0	0	4,449	557,444	
DEVERS-EL CASCO		4756	27.30	120.31	244,987	0	0	1,579,167	128,936	1,044,900	0	0	27,068	3,025,059	
TOTAL DEVERS-EL CASCO			29.63	279.04	264,515	743	0	1,741,183	347,582	1,196,961	0	0	31,518	3,582,503	
EL CASCO-SAN BERNARDINO		4104	1.09	158.74	9,141	348	0	75,841	102,350	71,181	0	0	2,083	260,943	
EL CASCO-SAN BERNARDINO		4756	12.78	120.31	114,680	0	0	739,219	60,356	489,125	0	0	12,671	1,416,050	
TOTAL EL CASCO-SAN BERNARDINO			13.87	279.04	123,821	348	0	815,059	162,706	560,306	0	0	14,754	1,676,993	
DEVERS-VISTA No. 1		4104	4.99	158.74	41,816	1,592	0	346,938	468,204	325,621	0	0	9,528	1,193,699	
DEVERS-VISTA No. 1		4756	40.30	120.31	361,616	0	0	2,330,949	190,318	1,542,338	0	0	39,955	4,465,176	
TOTAL DEVERS-VISTA No. 1			45.29	279.04	403,432	1,592	0	2,677,887	658,523	1,867,959	0	0	49,483	5,658,875	
DEVERS-VISTA No. 2		4104	4.99	158.74	41,804	1,592	0	346,833	468,064	325,523	0	0	9,525	1,193,340	
DEVERS-VISTA No. 2		4756	40.04	120.31	359,268	0	0	2,315,812	189,082	1,532,322	0	0	39,695	4,436,179	
TOTAL DEVERS-VISTA No. 2			45.02	279.04	401,071	1,592	0	2,662,645	657,146	1,857,845	0	0	49,220	5,629,519	
EAGLE ROCK-MESA		4101	2.54	354.28	10,377	2,986	705	159,932	10,131	222,601	0	0	8,297	415,027	
EAGLE ROCK-MESA		4114	22.06	129.55	546,711	91,789	112,590	2,304,401	25,189	1,648,718	0	0	51,796	4,781,193	
TOTAL EAGLE ROCK-MESA			24.60	483.83	557,088	94,774	113,294	2,464,333	35,319	1,871,318	0	0	60,093	5,196,220	
EAGLE ROCK-PARDEE		4101	46.66	354.28	190,999	54,957	12,970	2,943,811	186,469	4,097,326	0	0	152,715	7,639,247	
EAGLE ROCK-PARDEE		4114	4.60	129.55	114,048	19,148	23,487	480,716	5,255	343,936	0	0	10,805	997,395	
TOTAL EAGLE ROCK-PARDEE			51.26	483.83	305,047	74,105	36,457	3,424,528	191,723	4,441,262	0	0	163,520	8,636,642	

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CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
					350	352	353	354	355	356	357	358	359		
EAGLE ROCK-SYLMAR	TOTAL EAGLE ROCK-SYLMAR	4046	1.79	1.79	186,657	0	0	214,409	0	62,108	0	0	0	463,174	
EAGLE ROCK-SYLMAR		4101	23.68	354.28	96,924	27,888	6,582	1,493,867	94,625	2,079,230	0	0	77,497	3,876,614	
			25.47	356.07	283,581	27,888	6,582	1,708,276	94,625	2,141,339	0	0	77,497	4,339,788	
EL NIDO-EL SEGUNDO	TOTAL EL NIDO-EL SEGUNDO	4116	2.90	90.45	114,048	5,365	66	103,131	336,323	215,290	0	0	430	774,653	
EL NIDO-EL SEGUNDO		4116	0.48	0.95	18,731	881	11	0	0	0	90,294	228,414	71	338,402	
			3.38	91.41	132,778	6,246	76	103,131	336,323	215,290	90,294	228,414	501	1,113,054	
EL NIDO-LA CIENEGA		4116	8.70	90.45	342,167	16,096	197	309,416	1,009,039	645,913	0	0	1,291	2,324,118	
EL NIDO-LA FRESA No. 3		4116	3.87	90.45	152,197	7,160	87	137,630	448,825	287,305	0	0	574	1,033,778	
EL NIDO-LA FRESA No. 4		4116	4.00	90.45	157,156	7,393	90	142,114	463,449	296,666	0	0	593	1,067,461	
EL DORADO-IVANPAH No.1 - CALIF.	TOTAL EL DORADO-IVANPAH	4733	5.16	10.32	0	0	0	13,851,701	0	7,245,672	0	0	141,623	21,238,995	
EL DORADO-IVANPAH No.2 - CALIF.		4733	5.16	10.32	0	0	0	13,851,701	0	7,245,672	0	0	141,623	21,238,995	
EL DORADO-IVANPAH No.1 - NEVADA		4734	29.24	58.48	0	0	0	72,200,641	0	32,990,066	0	0	2,096,485	107,287,193	
ELDORADO-IVANPAH No.2 - NEVADA		4734	29.24	58.48	0	0	0	72,200,641	0	32,990,066	0	0	2,096,485	107,287,193	
			68.80	68.80	0	0	0	172,104,684	0	80,471,476	0	0	4,476,216	257,052,376	
ELDORADO-MEAD No. 1		4144	15.29	30.64	4,988	0	0	236,417	0	214,227	0	0	511	456,143	
ELDORADO-MEAD No. 2		4144	15.35	30.64	5,006	0	0	237,257	0	214,988	0	0	513	457,763	
ELDORADO-MERCHANT No. 1		4102	0.30	8.43	52,689	0	0	137,780	25,606	86,058	0	0	0	302,134	
ELDORADO-MERCHANT No. 2		4102	0.31	8.43	53,909	0	0	140,968	26,199	88,049	0	0	0	309,125	
ELLIS-JOHANNA		4156	6.40	29.49	2,606,839	0	0	490,731	1,404,683	644,417	0	0	8,298	5,154,969	
ELLIS-SANTIAGO		4156	14.76	29.49	6,013,613	0	0	1,132,048	3,240,408	1,486,580	0	0	19,143	11,891,791	
ETIWANDA-RANCHO VISTA No1	MIRA LOMA-RANCHO VISTA No.1 & 2 ETIWANDA-MIRA LOMA	4119	0.46												
MIRA LOMA-RANCHO VISTA No.1 & 2		4118	13.78												
ETIWANDA-MIRA LOMA		4119	6.81	137.65	103,831	4,182	67	392,073	5,901	734,187	0	0	244,187	1,484,428	
ETIWANDA-RANCHO VISTA No2	PADUA-RANCHO VISTA No.1 & 2 ETIWANDA-PADUA	4118	0.46												
PADUA-RANCHO VISTA No.1 & 2		4117	29.08												
ETIWANDA-PADUA		4118	15.05	155.75	529,794	34,652	213	1,736,553	48,957	1,378,170	0	0	16,981	3,745,319	
ETIWANDA-SAN BERNARDINC	TOTAL ETIWANDA-SAN BERNARDINC	4104	8.30	158.74	69,607	2,650	0	577,511	779,371	542,027	0	0	15,860	1,987,025	
ETIWANDA-SAN BERNARDINC		4118	25.53	155.75	898,684	58,779	361	2,945,696	83,046	2,337,776	0	0	28,805	6,353,147	
			33.83	314.49	968,291	61,430	361	3,523,207	862,416	2,879,802	0	0	44,665	8,340,172	
ETIWANDA-VISTA		4118	15.32	155.75	539,376	35,278	217	1,767,960	49,843	1,403,096	0	0	17,288	3,813,058	
GOLETA-SANTA CLARA No. 1		4125	49.40	414.75	1,359,467	210,685	228	3,728,028	58,611	1,644,289	0	0	212,134	7,213,443	
GOLETA-SANTA CLARA No. 2		4125	49.39	414.75	1,359,392	210,674	228	3,727,824	58,608	1,644,200	0	0	212,123	7,213,049	
GOODRICH-GOULD		4114	8.67	129.55	214,965	36,091	44,270	906,082	9,904	648,269	0	0	20,366	1,879,947	
GOODRICH-LAGUNA BELL		4114	13.91	129.55	344,772	57,885	71,002	1,453,222	15,885	1,039,729	0	0	32,664	3,015,158	
GOULD-SYLMAR		4101	27.42	354.28	112,240	32,295	7,622	1,729,930	109,578	2,407,792	0	0	89,743	4,489,201	
HARBORGEN-HINSON		4102	3.02	8.43	524,683	0	0	1,372,021	254,990	856,967	0	0	0	3,008,661	
HARBORGEN-LONG BEACH		4102	1.15	8.43	200,342	0	0	523,886	97,364	327,220	0	0	0	1,148,812	
HINSON-LA FRESA	TOTAL HINSON-LA FRESA	4115	5.23	27.07	310,673	102,777	415	695,791	96,289	411,256	0	0	5,300	1,622,501	
HINSON-LA FRESA		4116	8.83	90.45	347,188	16,332	199	313,957	1,023,849	655,393	0	0	1,310	2,358,228	
			14.06	117.52	657,861	119,109	615	1,009,748	1,120,138	1,066,649	0	0	6,610	3,980,729	
HIGHWIND-WINDHUB		4709	9.60	9.60	3,268,655	0	0	37,518,925	0	7,379,266	0	10,390,643	142,434	58,699,922	
HINSON-LIGHTHIPE		4115	6.35	27.07	377,200	124,785	504	844,786	116,908	499,321	0	0	6,435	1,969,940	
HOOVER-MEAD No. 2 (No. Boulder-Mead)		4127	15.72	85.09	3,666	0	0	119,668	0	101,588	0	0	962	225,884	
HOOVER-MEAD No. 3 (So. Boulder-Mead)		4127	15.41	85.09	3,595	0	0	117,329	0	99,602	0	0	943	221,469	
JOHANNA-SANTIAGO		4156	8.34	29.49	3,399,356	0	0	639,921	1,831,728	840,329	0	0	10,821	6,722,155	
JULIAN HINDS-MIRAGE		4104	46.82	158.74	392,558	14,946	0	3,256,954	4,395,372	3,056,837	0	0	89,446	11,206,113	
KRAMER-LUGO No. 1		4135	47.86	206.15	414,154	11	0	1,932,033	238,504	1,415,885	0	0	22,760	4,023,349	
KRAMER-LUGO No. 2		4135	47.86	206.15	414,089	11	0	1,931,730	238,467	1,415,664	0	0	22,757	4,022,718	

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CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
LA CIENEGA-LA FRESA		4116	11.89	90.45	467,477	21,991	269	422,732	1,378,576	882,464	0	0	1,763	3,175,272
LA FRESA-LAGUNA BELL		4114	7.10	129.55	175,938	29,539	36,233	741,585	8,106	530,578	0	0	16,669	1,538,647
LA FRESA-LAGUNA BELL		4116	9.76	90.45	383,730	18,051	220	347,001	1,131,607	724,373	0	0	1,447	2,606,429
TOTAL LA FRESA-LAGUNA BELL			16.86	220.01	559,668	47,590	36,453	1,088,585	1,139,714	1,254,950	0	0	18,116	4,145,076
LA FRESA-REDONDO No. 1		4116	4.53	90.45	178,105	8,378	102	161,057	525,226	336,211	0	0	672	1,209,752
LA FRESA-REDONDO No. 2		4116	4.53	90.45	178,125	8,379	102	161,075	525,284	336,249	0	0	672	1,209,886
LAGUNA BELL-RIO HONDO		4114	16.04	129.55	397,589	66,752	81,879	1,675,848	18,318	1,199,010	0	0	37,668	3,477,066
LAGUNA BELL-VELASCO		4114	2.49	129.55	61,761	10,369	12,719	260,325	2,846	186,253	0	0	5,851	540,125
LEWIS-SERRANO No.1		4118	7.32	155.75	257,593	16,848	104	844,334	23,804	670,084	0	0	8,256	1,821,022
LEWIS-SERRANO No. 2		4118	7.30	155.75	256,885	16,802	103	842,015	23,738	668,243	0	0	8,234	1,816,020
LEWIS-VILLA PARK		4118	4.02	155.75	141,349	9,245	57	463,313	13,062	367,696	0	0	4,531	999,253
LIGHTHIPE-LONG BEACH		4115	9.44	27.07	560,304	185,360	749	1,254,873	173,659	741,708	0	0	9,559	2,926,213
LIGHTHIPE-MESA		4114	12.18	129.55	301,810	50,672	62,155	1,272,137	13,905	910,169	0	0	28,594	2,639,442
LIGHTHIPE-REDONDO		4116	14.21	90.45	558,956	26,294	321	505,455	1,648,345	1,055,150	0	0	2,108	3,796,629
LUGO-PISGAH No. 1		4117	65.66	305.18	216,310	4,379	2,766	4,210,608	880,982	2,319,658	0	0	32,522	7,667,225
LUGO-PISGAH No. 2		4117	65.13	305.18	214,562	4,344	2,744	4,176,595	873,865	2,300,920	0	0	32,259	7,605,289
LUGO-VICTOR No. 1		4135	10.84	206.15	93,832	3	0	437,728	54,036	320,788	0	0	5,157	911,544
LUGO-VICTOR No. 2		4135	10.86	206.15	93,927	3	0	438,168	54,091	321,110	0	0	5,162	912,460
MAGUNDEN-PASTORIA No. 1		4101	29.86	354.28	122,224	35,168	8,300	1,883,799	119,325	2,621,954	0	0	97,725	4,888,494
MAGUNDEN-PASTORIA No. 2		4101	29.86	354.28	122,224	35,168	8,300	1,883,799	119,325	2,621,954	0	0	97,725	4,888,494
MAGUNDEN-PASTORIA No. 3		4101	29.87	354.28	122,279	35,184	8,303	1,884,657	119,379	2,623,148	0	0	97,770	4,890,721
MAGUNDEN-SPRINGVILLE No. 1		4113	51.62	128.32	319,214	0	0	740,678	82,939	865,062	0	0	253,840	2,261,733
MAGUNDEN-SPRINGVILLE No. 2		4121	51.89	135.41	107,985	21,197	0	766,890	71,366	786,525	0	0	55,068	1,809,031
MAGUNDEN-VESTAL No. 1		4169	35.61	297.62	676,005	0	323	1,445,884	1,708,623	1,606,649	0	0	509,827	5,947,310
MAGUNDEN-VESTAL No. 2		4169	35.62	297.62	676,098	0	323	1,446,083	1,708,858	1,606,870	0	0	509,897	5,948,128
MESA-REDONDO		4114	12.09	129.55	299,610	50,302	61,702	1,262,861	13,804	903,533	0	0	28,385	2,620,196
MESA-REDONDO		4116	14.22	90.45	559,015	26,297	321	505,508	1,648,518	1,055,262	0	0	2,108	3,797,020
TOTAL MESA-REDONDO			26.31	220.01	858,624	76,599	62,023	1,768,369	1,662,322	1,958,794	0	0	30,494	6,417,226
MESA-RIO HONDO		4107	10.93	270.79	106,525	13,177	187	358,741	0	275,003	0	0	33,759	787,393
MESA-VINCENT		4107	18.81	270.79	183,376	22,683	323	617,548	0	473,400	0	0	58,114	1,355,443
MESA-VINCENT		4114	17.48	129.55	433,166	72,725	89,206	1,825,805	19,957	1,306,299	0	0	41,039	3,788,198
TOTAL MESA-VINCENT			36.29	400.34	616,542	95,408	89,529	2,443,353	19,957	1,779,699	0	0	99,153	5,143,641
MESA-WALNUT		4119	13.73	137.65	209,494	8,438	135	791,064	11,906	1,481,328	0	0	492,682	2,995,048
MIRA LOMA-OLINDA		4119	24.97	137.65	380,916	15,342	246	1,438,369	21,648	2,693,458	0	0	895,831	5,445,811
MIRA LOMA-PADUA		4118	14.78	155.75	520,215	34,025	209	1,705,157	48,072	1,353,253	0	0	16,674	3,677,606
MIRA LOMA-PADUA		4119	6.77	137.65	103,236	4,158	67	389,827	5,867	729,981	0	0	242,788	1,475,923
TOTAL MIRA LOMA-PADUA			21.55	293.40	623,451	38,183	276	2,094,983	53,939	2,083,234	0	0	259,462	5,153,529
MIRA LOMA-VISTA No. 1		4118	15.63	155.75	550,190	35,986	221	1,803,406	50,842	1,431,226	0	0	17,635	3,889,506

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CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
MIRA LOMA-VISTA No. 2		4118	15.47	155.75	544,547	35,617	219	1,784,910	50,321	1,416,548	0	0	17,454	3,849,614
MIRA LOMA-WALNUT		4119	27.65	137.65	421,809	16,990	273	1,592,784	23,972	2,982,611	0	0	992,002	6,030,440
MIRAGE-RAMON (SCE PORTION)		4104	0.06	158.74	472	18	0	3,913	5,281	3,673	0	0	107	13,464
MOORPARK-PARDEE No. 1		4125	25.96	414.75	714,390	110,714	120	1,959,053	30,800	864,063	0	0	111,475	3,790,614
MOORPARK-PARDEE No. 2		4125	25.99	414.75	715,318	110,857	120	1,961,596	30,840	865,184	0	0	111,620	3,795,535
MOORPARK-PARDEE No. 3		4125	26.00	414.75	715,453	110,878	120	1,961,966	30,846	865,347	0	0	111,641	3,796,251
MOORPARK-SANTA CLARA No. 1		4125	25.57	414.75	703,712	109,059	118	1,929,769	30,339	851,147	0	0	109,809	3,733,953
MOORPARK-SANTA CLARA No. 2		4125	25.69	414.75	706,987	109,566	119	1,938,751	30,481	855,108	0	0	110,320	3,751,331
OLINDA-WALNUT		4119	6.41	137.65	97,844	3,941	63	369,465	5,561	691,852	0	0	230,106	1,398,832
PARDEE-PASTORIA		4101	38.77	354.28	158,690	45,660	10,776	2,445,839	154,926	3,404,226	0	0	126,882	6,346,999
PARDEE-PASTORIA-WARNE		4101	38.46	354.28	157,431	45,298	10,690	2,426,439	153,697	3,377,224	0	0	125,876	6,296,655
PARDEE-SANTA CLARA		4125	40.31	414.75	1,109,414	171,933	186	3,042,316	47,831	1,341,848	0	0	173,116	5,886,644
PARDEE-SYLMAR No. 1		4045	6.50	13.00	89,553	10,430	0	350,752	0	226,563	0	0	19,000	696,298
PARDEE-SYLMAR No. 1		4101	4.99	354.28	20,408	5,872	1,386	314,540	19,924	437,790	0	0	16,317	816,236
TOTAL PARDEE-SYLMAR No. 1			11.48	367.28	109,960	16,303	1,386	665,292	19,924	664,353	0	0	35,317	1,512,534
PARDEE-SYLMAR No. 2		4045	6.50	13.00	89,579	10,434	0	350,855	0	226,629	0	0	19,006	696,502
PARDEE-SYLMAR No. 2		4101	4.99	354.28	20,427	5,877	1,387	314,830	19,942	438,194	0	0	16,332	816,989
TOTAL PARDEE-SYLMAR No. 2			11.49	367.28	110,005	16,311	1,387	665,685	19,942	664,823	0	0	35,338	1,513,491
PARDEE-VINCENT		4051	3.92	7.35	0	0	0	168,754	0	109,288	0	0	77,517	355,559
PARDEE-VINCENT (IDLE)		4051	3.43	7.35	0	0	0	147,602	0	95,589	0	0	67,801	310,992
PARDEE-VINCENT		4101	28.00	354.28	114,604	32,975	7,782	1,766,351	111,885	2,458,485	0	0	91,632	4,583,715
PARDEE-VINCENT (IDLE)		4101	0.14	354.28	558	161	38	8,605	545	11,977	0	0	446	22,331
TOTAL PARDEE-VINCENT			35.49	361.63	115,162	33,136	7,820	2,091,313	112,430	2,675,340	0	0	237,396	5,272,598
RECTOR-VESTAL No. 1		4169	33.20	297.62	630,308	0	301	1,348,144	1,593,122	1,498,041	0	0	475,363	5,545,278
RECTOR-VESTAL No. 2		4169	33.20	297.62	630,287	0	301	1,348,099	1,593,069	1,497,991	0	0	475,347	5,545,094
RIO HONDO-VINCENT No. 1		4107	32.36	270.79	315,438	39,018	555	1,062,289	0	814,329	0	0	99,966	2,331,594
RIO HONDO-VINCENT No. 2		4070	4.42	4.42	61,040	0	0	344,764	0	232,146	0	0	11,892	649,842
RIO HONDO-VINCENT No. 2		4107	5.03	270.79	49,074	6,070	86	165,264	0	126,688	0	0	15,552	362,735
RIO HONDO-VINCENT No. 2		4157	20.57	30.57	105,605	18,610	0	1,994,781	0	3,584,786	0	0	537,026	6,240,809
TOTAL RIO HONDO-VINCENT No. 2			30.03	295.78	215,719	24,681	86	2,504,809	0	3,943,620	0	0	564,471	7,253,386
SAN BERNARDINO-VISTA		4104	8.25	158.74	69,137	2,632	0	573,608	774,104	538,364	0	0	15,753	1,973,597
SAN BERNARDINO-VISTA (IDLE)		4104	0.04	0.04	348	13	0	0	0	0	1,480	260,160	79	262,080
TOTAL SAN BERNARDINO-VISTA			8.29	158.78	69,484	2,645	0	573,608	774,104	538,364	1,480	260,160	15,832	2,235,677
SAN ONOFRE-SANTIAGO No. 1		4108	28.36	169.20	1,352,307	508,838	0	2,365,882	260,160	2,371,868	0	0	76,119	6,935,174
SAN ONOFRE-SANTIAGO No. 2		4108	28.36	169.20	1,352,183	508,792	0	2,365,665	260,136	2,371,650	0	0	76,112	6,934,538
SAN ONOFRE-SERRANO		4108	40.35	169.20	1,924,007	723,954	0	3,366,080	370,145	3,374,596	0	0	108,298	9,867,081
SAN ONOFRE-VIEJO		4108	22.05	169.20	1,051,401	395,615	0	1,839,443	202,271	1,844,096	0	0	59,181	5,392,008
SANTA CLARA-VINCENT		4059	2.74	2.74	13,002	0	0	333,663	0	202,343	0	0	20,953	569,961
SANTA CLARA-VINCENT		4125	40.29	414.75	1,108,743	171,829	186	3,040,474	47,802	1,341,036	0	0	173,011	5,883,081
SANTA CLARA-VINCENT		4147	27.48	27.48	3,855,423	0	1,880	2,767,070	0	1,983,887	0	0	145,187	8,753,447
TOTAL SANTA CLARA-VINCENT			70.51	444.97	4,977,168	171,829	2,066	6,141,208	47,802	3,527,266	0	0	339,150	15,206,488
SERRANO-VILLA PARK No. 1		4189	3.24	6.50	39,045	0	0	759,195	0	697,163	0	0	0	1,495,404
SERRANO-VILLA PARK No. 2		4189	3.26	6.50	39,203	0	0	762,263	0	699,980	0	0	0	1,501,446

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2013**

CIRCUIT NAME	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL	
					350	352	353	354	355	356	357	358	359			
GOULD SUBSTATION		5015			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	0	0	0	0	0	1,418	1,418	
SANTA CLARA SUBSTATION		5053			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	0	0	0	0	0	6,071	6,071	
VIEJO SUBSTATION		5083			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	0	0	2	0	0	0	2	
TOTAL 220kV T/L/S					3,770.66	27,484.11	74,856,279	7,184,007	783,813	485,552,472	63,929,458	299,372,451	182,298	11,107,631	22,620,345	965,588,753
161kV TRANSMISSION LINES																
EAGLE MOUNTAIN-BLYTHE		4759	53.02	53.02	33,310	0	0	0	0	2,000,560	331,263	0	0	4,845	2,369,978	
TOTAL 161kV T/L/S					53.02	53.02	33,310	0	0	0	2,000,560	331,263	0	0	4,845	2,369,978
115kV TRANSMISSION LINES																
CONTROL-HAIWEE-INYOKERN		4750	125.62	1,691.07	1,043,770	17,751	12,601	319,990	9,822,245	3,517,550	0	0		134,305	14,868,212	
CONTROL-COSO-HAIWEE-INYOKERN		4750	125.62	1,691.07	1,043,738	17,751	12,601	319,981	9,821,946	3,517,443	0	0		134,301	14,867,760	
CONTROL-INYO (DWP)		4750	2.86	1,691.07	23,793	405	287	7,294	223,905	80,185	0	0		3,062	338,931	
COOLWATER-SEGS 2-TORTILLA		4750	11.26	1,691.07	93,599	1,592	1,130	28,695	880,804	315,434	0	0		12,044	1,333,298	
IVANPAH-BAKER-COOLWATER-DUNN SIDING-MOUNTAIN PAS		4781	20.62	20.62	1,277	0	0	98,307	43,204	94,968	0	0		1,376	239,133	
IVANPAH-BAKER-COOLWATER-DUNN SIDING-MOUNTAIN PAS		4782	73.09	73.12	165,128	0	0	327,659	984,723	660,782	0	0		21,660	2,159,952	
TOTAL ELDO-BAK-CLWTR-DUNN-MT-PASS			93.71	93.74	166,405	0	0	425,966	1,027,927	755,750	0	0		23,037	2,399,085	
KRAMER-COOL WATER		4750	44.32	1,691.07	368,226	6,262	4,445	112,888	3,465,135	1,240,937	0	0		47,381	5,245,274	
KRAMER-INYOKERN-RANDSBURG No. 1		4750	48.38	1,691.07	402,012	6,837	4,853	123,245	3,783,071	1,354,796	0	0		51,728	5,726,543	
KRAMER-INYOKERN-RANDSBURG No. 3		4135	49.41	206.15	427,501	12	0	1,994,297	246,191	1,461,516	0	0		23,494	4,153,011	
KRAMER-ROADWAY		4750	29.62													
VICTOR-ROADWAY		4750	5.07													
VICTOR-ROADWAY		4750	0.13													
KRAMER-ROADWAY-VICTOR		4750	34.61	1,691.07	287,551	4,890	3,471	88,155	2,705,958	969,060	0	0		37,000	4,096,086	
KRAMER-TORTILLA		4750	37.62	1,691.07	312,609	5,317	3,774	95,837	2,941,763	1,053,506	0	0		40,224	4,453,030	
KRAMER-VICTOR		4750	34.55	1,691.07	287,080	4,882	3,466	88,010	2,701,521	967,471	0	0		36,939	4,089,370	
KRAMER-VICTOR		4750	0.12	18.42	997	17	12	0	0	0	25,488	79,843		128	106,484	
TOTAL KRAMER-VICTOR			34.67	1,709.49	288,077	4,899	3,478	88,010	2,701,521	967,471	25,488	79,843		37,068	4,195,854	
TOTAL 115kV T/L/S					608.29	15,537.94	4,457,282	65,716	46,641	3,604,359	37,620,465	15,233,648	25,488	79,843	543,643	61,677,083
66kV TRANSMISSION LINES																
ANTELOPE-NEENACH		4105	17.36	4,650.93	112,311	4,080	3,905	146,028	1,620,286	590,407	0	0		8,033	2,485,051	
BAILEY-NEENACH-WESTPAC		4105	16.38	4,650.93	105,981	3,850	3,685	137,797	1,528,953	557,127	0	0		7,580	2,344,973	
TOTAL 66kV T/L/S					33.74	9,301.87	218,292	7,929	7,590	283,825	3,149,239	1,147,535	0	0	15,613	4,830,024
55kV TRANSMISSION LINES																
CONTROL-SILVER PEAK "A" - CALIF		4705	16.58	105.29	38,208	518	0	0	510,111	209,244	0	0		5,632	763,712	
CONTROL-SILVER PEAK "C" - CALIF		4705	24.35	105.29	56,123	760	0	0	749,302	307,358	0	0		8,272	1,121,817	
TOTAL 55kV T/L/S					40.92	210.58	94,331	1,278	0	0	1,259,414	516,602	0	0	13,904	1,885,529
GRAND TOTAL					6,658.36	55,134.07	176,749,404	8,613,676	5,564,684	1,443,480,699	143,991,959	764,993,254	207,785	12,339,134	68,770,633	2,624,711,227

Indicates only the portion of the circuit that is considered under ISO control.

**TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013**

OPERATING VOLTAGE /		ACCOUNT NO.										TOTAL	EOY 2013 CIRCUIT MILES				
Location	Line Name	350	352	353	354	355	356	357	358	359							
1000 kV TRANSMISSION LINES																	
	4031 DWP-EDSN CELILO-SYLMR LN		\$95,841	\$	27,431,807	\$	14,197,042		\$	136,841	\$	41,861,530	336				
	4034 DWP-EDSN CELILO-SYLMR LN		\$541	\$	7,698,607	\$	5,631,427		\$	668,871	\$	13,999,446	290				
TOTAL 1000kV T/L'S		\$0	\$96,382	\$0	\$35,130,414	\$0	\$19,828,469	\$0	\$0	\$805,712	\$55,860,976	626					
500 kV TRANSMISSION LINES																	
	4026 MIDWAY-VINCENT LINES 1&2	\$2,910,822		\$27,105	\$	19,906,484	\$	85,359	\$	22,941,425	\$	795,535	\$	46,666,730	225		
	4123 LUGO-VINCENT LNES 1&2	\$1,749,466		\$16,633	\$	7,757,346	\$		\$	7,143,431	\$	1,891	\$	16,668,767	94		
	4130 MOHAVE-LUGO 500KV	\$157,990		\$		420,632	\$		\$	517,455	\$	19,051	\$	1,115,128	10		
	4136 LUGO-ELDORADO LN	\$1,330,373		\$		13,561,291	\$	2,050,347	\$	10,632,414	\$	117,747	\$	27,692,173	151		
	4137 LUGO-ELDORADO LN	\$16,589		\$		2,027,936	\$		\$	4,395,883	\$	20,088	\$	6,460,497	27		
	4138 LUGO-MIRA LOMA 2&3	\$9,599,068	\$996,691	\$98	\$	26,351,975	\$	118,240	\$	18,451,745	\$	591,464	\$	56,109,280	97		
	4140 MOHAVE-LUGO 500 KV LN	\$278,112		\$		12,199,301	\$	1,405,556	\$	9,646,207	\$	329,333	\$	23,858,509	166		
	4141 MOHAVE-ELDORADO LN	\$76,199		\$		1,155,538	\$		\$	1,251,359	\$	55,916	\$	2,539,013	59		
	4143 ELDORADO-BORDER 500 KV LN	\$6,167		\$		2,588,095	\$		\$	1,880,705	\$	145,064	\$	4,620,032	30		
	4148 MIRA LOMA-SERRANO LN	\$1,696,737		\$		18,384,826	\$		\$	7,820,475	\$	252,983	\$	28,155,021	29		
	4154 LUGO-VICTORVLL EDSON-DWP	\$750,128		\$		1,157,577	\$		\$	759,625	\$		\$	2,667,330	8		
	4155 VINCENT-WHIRLWIND & MIDWAY-WHIR	\$5,826,541		\$		17,450,466	\$		\$	7,271,479	\$	187,772	\$	30,736,257	53		
	4158 LUCERNE-LUGO/MIRA LOMA LN	\$498,252									\$		\$	498,252	0		
	4185 DEVERS-PALO VERDE	\$13,614,477		\$		278,779,924	\$	915,855	\$	108,630,947	\$	1,151,660	\$	14,698,582	\$	417,791,445	126
	4186 DEVERS-PALO VERDE	\$1,193,710		\$		17,297,411	\$		\$	24,561,685	\$		\$	147,245	\$	43,200,051	112
	4187 DEVERS-VALLEY LNS 1,2	\$10,444,073	\$32,102	\$		200,066,748	\$		\$	65,332,114	\$		\$	15,800,544	\$	291,675,582	83
	4188 SERRANO-VALLEY LN	\$2,855,826	\$229,571	\$		22,909,118	\$	515,653	\$	14,833,343	\$		\$	2,445,167	\$	43,788,679	41
	4191 VALLEY-INLAND 500KV TL			\$		3,058	\$	12,338	\$	4,980	\$		\$	20,377	\$		1
	4708 ANTELOPE-WINDHUB 500KV LN	\$17,600,689		\$4,682,803	\$	13,746,933	\$	30,818,084	\$	19,251,107	\$		\$	86,099,616	\$		25
	4710 ANTELOPE-WHIRLWIND 500KV LN	\$15,097,490		\$		40,424,916	\$		\$	37,432,024	\$		\$	2,090,698	\$	95,045,129	14
	4711 WHIRLWIND-WINDHUB 500KV L			\$		58,252,715	\$	123,730	\$	16,096,410	\$		\$		\$	74,472,855	16
	4712 ANTELOPE - VINCENT #2 500KV	\$11,885,452		\$		164,470,396	\$		\$	49,713,451	\$		\$	7,067,490	\$	233,136,790	35
	4716 ANTELOPE-VINCENT #1 500KV										\$		\$	-	\$		
	5069 MIRA LOMA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study			\$	123,410			\$		\$	123,410			
	5070 VALLEY-500 KV	Refer Substation Study	Refer Substation Study	Refer Substation Study			\$	5,823	\$	2,859			\$	8,682			
	5080 SERRANO SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study							\$	2,236,590		2,236,590			
	5090 EL DORADO SUB(NEVADA)	Refer Substation Study	Refer Substation Study	Refer Substation Study							\$	94,492		94,492			
	8958 SYLMAR-PAC INTERTIE	Refer Substation Study	Refer Substation Study	Refer Substation Study	\$	2,505,376	\$	-	\$	359,913	\$	-	\$	-	\$	2,865,290	
TOTAL 500kV T/L'S		\$97,588,162	\$1,258,364	\$4,726,639	\$921,418,064	\$36,174,394	\$428,931,038	\$0	\$1,151,660	\$47,097,652	\$1,538,345,975	1401					
220 kV TRANSMISSION LINES																	
	4045	\$179,131	\$20,864	\$		701,607	\$		\$	453,192	\$	38,006	\$	1,392,800	\$		13
	4046	\$186,657		\$		214,409	\$		\$	62,108			\$	463,174	\$		2
	4051			\$		316,356	\$		\$	204,878	\$	145,317	\$	666,551	\$		7
	4059	\$13,002		\$		333,663	\$		\$	202,343	\$	20,953	\$	569,961	\$		3
	4070	\$61,040		\$		344,764	\$		\$	232,146	\$	11,892	\$	649,842	\$		4
	4101	\$1,450,194	\$417,271	\$98,475	\$	22,351,417	\$	1,415,797	\$	31,109,686	\$	1,159,517	\$	58,002,356	\$		354
	4102	\$1,466,128		\$		3,833,851	\$	712,520	\$	2,394,632	\$		\$	8,407,130	\$		8
	4104 OH	\$1,330,987	\$50,675	\$		11,042,859	\$	14,902,722	\$	10,364,354	\$		\$	303,270	\$	37,994,868	159
	4104 UG	\$348	\$13						\$		\$	1,480	\$	260,160	\$	262,080	0
	4107	\$2,639,357	\$326,478	\$4,642	\$	8,888,469	\$		\$	6,813,718	\$		\$	836,446	\$	19,509,110	271
	4108	\$8,067,991	\$3,035,777	\$		14,115,074	\$	1,552,141	\$	14,150,785	\$		\$	454,131	\$	41,375,897	169
	4109		\$25,255								\$		\$	25,255	\$		0
	4111	\$1,944		\$		133,734	\$		\$	284,487	\$		\$	29,429	\$	449,593	6
	4113	\$793,531		\$		1,841,246	\$	206,178	\$	2,150,449	\$		\$	631,018	\$	5,622,422	128
	4114	\$3,210,560	\$539,029	\$661,182	\$	13,532,584	\$	147,920	\$	9,682,086	\$		\$	304,171	\$	28,077,532	130
	4115	\$1,607,024	\$531,635	\$2,149	\$	3,599,135	\$	498,077	\$	2,127,313	\$		\$	27,417	\$	8,392,750	27
	4116 OH	\$3,557,091	\$167,329	\$2,043	\$	3,216,620	\$	10,489,757	\$	6,714,779	\$		\$	13,417	\$	24,161,037	90
	4116 UG	\$37,461	\$1,762	\$22					\$		\$	180,589	\$	456,828	\$	676,803	1
	4117	\$1,005,398	\$20,355	\$12,857	\$	19,570,727	\$	4,094,765	\$	10,781,674	\$		\$	151,162	\$	35,636,937	305
	4118 *	\$5,482,800	\$358,608	\$2,204	\$	17,971,465	\$	506,655	\$	14,262,587	\$		\$	175,735	\$	38,760,056	156
	4119	\$2,099,654	\$84,569	\$1,357	\$	7,928,456	\$	119,328	\$	14,846,645	\$		\$	4,937,921	\$	30,017,929	138
	4120	\$4,270,112	\$345,526	\$29,998	\$	8,887,689	\$	884,998	\$	7,953,803	\$	256	\$	33,420	\$	22,405,802	150
	4121	\$281,784	\$55,314	\$		2,001,171	\$	186,227	\$	2,052,409	\$		\$	143,697	\$	4,720,602	135
	4125	\$11,414,612	\$1,768,994	\$1,918	\$	31,301,975	\$	492,123	\$	13,806,094	\$		\$	1,781,163	\$	60,566,878	415

**TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013**

OPERATING VOLTAGE /		ACCOUNT NO.										TOTAL	EOY 2013 CIRCUIT MILES						
Location	Line Name	350	352	353	354	355	356	357	358	359									
4127		\$19,842			\$	647,655	\$	549,803		\$	5,205	\$	1,222,506	85					
4135 *		\$1,783,743	\$49		\$	8,321,175	\$	1,027,227	\$	6,098,152	\$	98,027	\$	17,328,372	206				
4144		\$9,994				473,674		\$		429,215		\$	1,023	\$	913,906	31			
4147	Designed at 500kV	\$3,855,423			\$1,880	\$	2,767,070	\$		1,983,887		\$	145,187	\$	8,753,447	27			
4153		\$309,032				60,375	\$	829,734		\$		\$	23,687	\$	1,530,967	13			
4156		\$12,019,808				2,262,700	\$	6,476,819	\$	2,971,326		\$	38,262	\$	23,768,915	29			
4157		\$105,605	\$18,610			1,994,781		\$	3,584,786			\$	537,026	\$	6,240,809	21			
4166		(\$63,110)				164,051		\$	136,431			\$		\$	237,371	9			
4168		\$4,331				262,365		\$	526,631			\$	37,890		831,217	7			
4169		\$5,649,704		\$2,701		12,083,962	\$	14,279,800		13,427,551		\$	4,260,871	\$	49,704,590	298			
4189		\$78,248				1,521,458		\$	1,397,144			\$		\$	2,996,850	6			
4193						4,152,836	\$	64,888		2,461,080			\$		6,678,804	5			
4644	ANTELOPE-PARDEE	\$3,934,890				85,892,178	\$	7,668,801	\$	39,517,961		\$	3,093,212	\$	140,107,042	26			
4709	WINDHUB-HIGHWIND 230KV LN	\$3,268,655				37,518,925		\$	7,379,266		\$	10,390,643	\$	142,434	\$	58,699,922	10		
4733	ELDORADO-IVANPAH NO 1&2 - CA					27,703,402		\$	14,491,343		\$		\$	283,246	\$	42,477,991	10		
4734	ELDORADO-IVANPAH NO 1&2 - NV					144,401,282		\$	65,980,133				\$	4,192,970	\$	214,574,385	58		
4756		\$1,079,577	\$0		\$0	6,958,865	\$	568,180	\$	4,604,528			\$	119,281	\$	13,330,432	120		
5015	GOULD SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study									\$	4,090	\$	4,090	N/A		
5053	SANTA CLARA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study									\$	13,555	\$	13,555	N/A		
5083	VIEJO SUBSTATION	Refer Substation Study	Refer Substation Study	Refer Substation Study	\$	-	\$	-	\$	-	\$	10	\$	-	\$	10	N/A		
TOTAL 230kV T/L'S		\$81,212,546	\$7,768,113	\$821,428		\$509,314,025		\$67,124,658		\$316,497,541		\$182,335		\$11,107,631		\$24,194,270		\$1,018,222,547	3634
* Cost allocated between operating voltages by pole miles.																			
161 kV TRANSMISSION LINES																			
4759		\$33,310	\$0	\$0	\$	-	\$	2,000,560	\$	331,263	\$	-	\$	-	\$	4,845	\$	2,369,978	53
TOTAL 161kV T/L'S		\$33,310	\$0	\$0		\$0		\$2,000,560		\$331,263		\$0		\$0		\$4,845		\$2,369,978	53
115 kV TRANSMISSION LINES																			
4106	*OH	\$207,609				\$	2,784,006	\$	1,731,473					\$		4,723,088		22	
4135	*Designed at 220kV	\$428,106	\$12		\$	1,997,118	\$	246,539	\$	1,463,583		\$		23,527	\$	4,158,885		49	
4731						\$	214,471	\$	40,739					\$		255,210		6	
4732						\$	432,933		87,312					\$		520,245		15	
4735	*	\$47	\$20,076		\$	4,008	\$	52,451	\$	18,395				\$	4,737	\$	99,714	4	
4750	OH*	\$14,050,985	\$238,963	\$169,632	\$	4,307,634	\$	132,224,748	\$	47,352,429				\$	1,807,984	\$	200,152,377	1691	
4750	UG*	\$153,015	\$2,602	\$1,847							\$	3,911,418	\$	12,252,975	\$	19,689	\$	16,341,546	18
4781		\$1,277				98,307	\$	43,204	\$	94,968				\$	1,376	\$	239,133	21	
4782		\$165,196				327,795	\$	985,131	\$	661,056				\$	21,669	\$	2,160,848	73	
TOTAL 115kV T/L'S		\$15,006,235	\$261,653	\$171,480		\$6,734,862		\$136,983,484		\$51,449,956		\$3,911,418		\$12,252,975		\$1,878,983		\$228,651,045	1900
66 / 55 / 33 kV TRANSMISSION LINES																			
4105	OH	\$30,086,408	\$1,092,895	\$1,046,153	\$	39,118,621	\$	434,048,770	\$	158,160,747				\$	2,151,950	\$	665,705,544	4651	
4105	UG	\$2,112,886	\$76,751	\$73,468						\$	44,521,365	\$	186,255,771	\$	160,962	\$	233,201,203	327	
4105	UG 33kV	\$11,630	\$422	\$404						\$	245,055	\$	1,025,192	\$	886	\$	1,283,590	2	
4106	OH*	\$300,568				\$	4,030,573	\$	2,506,758					\$		6,837,898	31		
4106	UG*	\$54,945								\$	1,292,809	\$	3,036,716			4,384,470	6		
4118	*	\$138,009	\$9,027		\$55	\$	435,292	\$	12,753	\$	351,983			\$	4,423	\$	951,541.58	4	
4124		\$485				\$	48,890	\$	312,251	\$	202,022	\$	1,343	\$	68,591		633,581.43	0	
4128	Lytle Creek 12kV Line					\$	1,240	\$	1,277								2,517.28	0	
4129		\$34,937				\$	345,087	\$	1,075,449	\$	777,947						2,233,418.84	89	
4132		\$3,146				\$	60,500	\$	62,189	\$	37,257			\$	40,795	\$	203,888	4	
4133		\$50,020				\$	7,516	\$	4,720,427	\$	377,266			\$	11,455	\$	5,166,683	38	
4139		\$517						\$	164,714	\$	166,280					\$	331,510	2	
4142		\$25,409						\$	3,250,583	\$	85,830					\$	3,361,822	32	
4149		\$232						\$	60,363	\$	26,752					\$	88,440	4	
4705	OH	\$242,710	\$3,289			\$	3,240,423	\$	1,329,197						\$	35,775	\$	4,851,393	105
4705	UG	\$505	\$7												\$	74	\$	587	0
4730		\$10,585						\$	362,699	\$	298,967					\$	672,250	7	
4735	*Designed at 115kV	\$90	\$38,418			\$	7,669	\$	100,373	\$	35,202				\$	9,065	\$	190,817	9
4750	OH*Designed at 115kV	\$130,851	\$2,225	\$1,580	\$	40,115	\$	1,231,351	\$	440,972					\$	16,837	\$	1,863,931	16

**TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013**

OPERATING VOLTAGE /		ACCOUNT NO.									TOTAL	EOY 2013 CIRCUIT MILES
Location	Line Name	350	352	353	354	355	356	357	358	359		
TOTAL 66 / 55 / 33kV T/L/S		\$33,203,931	\$1,223,034	\$1,121,661	\$40,063,689	\$452,674,156	\$164,798,456	\$46,060,572	\$190,386,270	\$2,433,315	\$931,965,085	5326
TOTAL ALL T/L/S		\$227,044,184	\$10,607,546	\$6,841,208	\$1,512,661,054	\$694,957,252	\$981,836,723	\$50,154,325	\$214,898,536	\$76,414,777	\$3,775,415,606	12940
* Cost allocated between operating voltages by pole miles.												
EOY 2012		\$204,114,316	\$9,805,559	\$11,800,226	\$771,536,548	\$600,619,846	\$705,289,893	\$44,148,769	\$196,919,245	\$43,038,583	\$2,587,272,985	
Difference		\$22,929,868	\$801,987	(\$4,959,018)	\$741,124,506	\$94,337,406	\$276,546,830	\$6,005,556	\$17,979,291	\$33,376,194	\$1,188,142,621	

4XXX locns excluded from Study												
4207 E.MAGUNDEN-ANTELOPE 220KV	\$0	\$25,798	\$0	\$	-	\$	-	\$	-	\$	-	25,798
4300 MET T/S REGION	\$0	\$131,348	\$14,696	\$	-	\$	237,842	\$	-	\$	451,422	938,849
4400 COASTAL T/S REGION	\$3,127	\$0	\$12,363	\$	-	\$	663,525	\$	96,096	\$	1,437,204	4,816,827
4500 EASTERN T/S REGION	0	78928.77	21656.5	\$	-	\$	117,803	\$	88	\$	-	218,476
4600 Northern T/S Region	\$0	\$1,349,870	\$21,515	\$	-	\$	408,641	\$	-	\$	-	1,780,025
4700 Eastern T/S Region	\$33,305	\$10,543	\$1,233	\$	-	\$	210,658	\$	-	\$	290,840	1,332,622
4799 HUMAN EXTERNAL CARGO TRAINING ST				\$	1,755,461	\$		\$	1,755,461	\$		3,510,922
4820 ELLIS-HNGTN BCH#1-4 220KV												-
4800 VAR. TRANS. LINES-S/E DIV	\$2,931	\$32,032	\$3,630	\$		\$	368,201	\$	193,899	\$	2,351,726	11,158,280
4900 NORTHEASTERN T/S DIV.						\$	1,551,239	\$	205,618	\$		1,756,857
	\$39,363	\$1,602,721	\$75,093	\$	1,755,461	\$	3,557,908	\$	2,251,163	\$	4,183,311	25,512,858

Non 4xxx locns excluded from Study*

1250	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1330	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1451	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1808	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-
1809	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$	-	\$	-	\$	-	\$	-
1810	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$	-	\$	-	\$	-	\$	-
1812	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1818	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1824	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1839	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1860	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$	232,241	\$	84,727			\$	316,967
1864	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$	181,545	\$	96,210			\$	277,755
1866	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	\$	253,332	\$	92,249			\$	345,581
1867	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1869	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1870	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
1999	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2150	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2202	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2211	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2212	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2229	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2230	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2234	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2236	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2237	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2238	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2239	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2300	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2301	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2303	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2305	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2307	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2309	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2313	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2314	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2315	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2317	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2318	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2319	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2324	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2325	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2326	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2327	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-
2328	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							\$	-

TL COST SUMMARY

[illegible]

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013

[illegible]

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013

[illegible]

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013

[illegible]

**TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2013**

OPERATING VOLTAGE /		ACCOUNT NO.											EOY 2013					
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES						
8303	Refer to Substation Study										\$	-						
8304	Refer to Substation Study										\$	-						
8305	Refer to Substation Study										\$	-						
8306	Refer to Substation Study										\$	-						
8308	Refer to Substation Study										\$	-						
8310	Refer to Substation Study										\$	-						
8311	Refer to Substation Study										\$	-						
8312	Refer to Substation Study										\$	-						
8314	Refer to Substation Study										\$	-						
8320	Refer to Substation Study										\$	-						
8321	Refer to Substation Study										\$	-						
8322	Refer to Substation Study										\$	-						
8323	Refer to Substation Study										\$	-						
8324	Refer to Substation Study										\$	-						
8325	Refer to Substation Study										\$	-						
8326	Refer to Substation Study										\$	-						
8327	Refer to Substation Study										\$	-						
8339	Refer to Substation Study										\$	-						
8340	Refer to Substation Study										\$	-						
8342	Refer to Substation Study										\$	-						
8343	Refer to Substation Study										\$	-						
8344	Refer to Substation Study										\$	-						
8345	Refer to Substation Study										\$	-						
8347	Refer to Substation Study										\$	-						
8348	Refer to Substation Study							\$	816		\$	816						
8351	Refer to Substation Study										\$	-						
8353	Refer to Substation Study										\$	-						
8354	Refer to Substation Study										\$	-						
8357	Refer to Substation Study										\$	-						
8359	Refer to Substation Study										\$	-						
8361	Refer to Substation Study										\$	-						
8362	Refer to Substation Study										\$	-						
8363	Refer to Substation Study										\$	-						
8369	Refer to Substation Study										\$	-						
8504	Refer to Substation Study										\$	-						
8509	Refer to Substation Study										\$	-						
8558	Refer to Substation Study										\$	-						
8802	Refer to Substation Study										\$	-						
8810	Refer to Substation Study										\$	-						
8932	Refer to Substation Study										\$	-						
8950	Refer to Substation Study										\$	-						
8954	Refer to Substation Study										\$	-						
9009	Refer to Substation Study										\$	-						
9010	Refer to Substation Study										\$	-						
9024	Refer to Substation Study										\$	-						
9047	Refer to Substation Study										\$	-						
9203	Refer to Substation Study										\$	-						
9219	Refer to Substation Study										\$	-						
9221	Refer to Substation Study										\$	-						
9243	Refer to Substation Study										\$	-						
9310	Refer to Substation Study					\$	(2,151)				\$	(2,151)						
9330	Refer to Substation Study										\$	-						
9339	Refer to Substation Study										\$	-						
9900	Refer to Substation Study										\$	-						
*Rows hidden in Non4xxx Locations					\$	6,755,998	\$	583,282	\$	2,646,590	\$	499,992	\$	1,043	\$	61,582	\$	10,548,486
Total exclusions					\$	8,511,459	\$	4,141,190	\$	4,897,753	\$	4,683,303	\$	12,048,882	\$	61,582	\$	34,344,169
Totals including exclusions					\$	1,521,172,513	\$	699,098,442	\$	986,734,476	\$	54,837,628	\$	226,947,418	\$	76,476,359	\$	3,565,266,836
FERC FORM 1 Totals					\$	1,521,172,514	\$	699,098,444	\$	986,734,477	\$	54,837,628	\$	226,947,419	\$	76,476,358	\$	3,565,266,840
Difference					\$	1	\$	2	\$	1	\$	1	\$	1	\$	(1)	\$	4