

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study
End of Year 2011 Facilities

TO8 Annual Update (Revised)

Attachment 2

WP-Schedule 7-2011 Plant Study

Page 1 of 63

\$

Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Land)				
350	238,723,489	238,723,490	156,609,995	65.6%
Substation				
352	334,506,130	334,506,130	169,829,371	50.8%
353	3,421,750,786	3,421,750,786	1,741,359,026	50.9%
Total Substation	3,756,256,916	3,756,256,916	1,911,188,397	50.9%
Lines				
354	601,728,049	601,728,048	550,516,805	91.5%
355	545,742,642	545,742,641	132,075,054	24.2%
356	617,979,720	617,979,719	421,892,563	68.3%
357	46,153,375	46,153,376	558,943	1.2%
358	183,442,134	183,442,133	3,408,604	1.9%
359	113,892,832	113,892,833	110,352,407	96.9%
Total Lines	2,108,938,752	2,108,938,749	1,218,804,376	57.8%
Total Transmission	6,103,919,157	6,103,919,155	3,286,602,768	53.8%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	105,855,063	105,855,062	75,876	0.1%
Structures:				
361	431,350,909	431,350,910	683,247	0.2%
362	1,609,973,202	1,609,973,202	5,875,711	0.4%
Total Structures	2,041,324,112	2,041,324,112	6,558,958	0.3%
Total Distribution	2,147,179,175	2,147,179,174	6,634,835	0.3%
Total Transmission & Distribution	8,251,098,332	8,251,098,329	3,293,237,603	39.9%

Southern California Edison Company

Summary of ISO Facility Gross Plant
High/Low Voltage Split
End of Year 2011 Facilities
(\$)

TO8 Annual Update (Revised)
Attachment 2
WP-Schedule 7-2011 Plant Study
Page 2 of 63

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:								
750 kV T Lines	55,966,907	-	55,966,907	-	-	55,966,907	-	-
500 kV T Lines	429,335,254	48,565,351	380,769,904	48,565,351	-	380,769,904	-	-
230 kV T Lines	733,852,394	65,722,570	668,129,824	65,722,570	-	668,129,824	-	-
161 kV T Lines	2,369,978	33,310	2,336,668	-	33,310	-	2,336,668	-
115 kV T Lines	50,799,282	4,527,959	46,271,323	-	4,527,959	-	46,271,323	-
66 kV T Lines	67,109,651	3,473,546	63,636,106	-	3,473,546	-	63,636,106	-
55 kV T Lines	1,787,976	94,331	1,693,646	-	94,331	-	1,693,646	-
Total Transmission Lines	1,341,221,443	122,417,066	1,218,804,376	114,287,921	8,129,145	1,104,866,634	113,937,742	-
Substations:								
High Voltage Substations (750 kV, 500kV, 220kV)	1,643,586,426	33,468,163	1,610,118,263	33,468,163	-	1,610,118,263	-	-
Straddle Substations:								
Eldorado	66,862,753	13,183	66,849,570	13,182.65	-	65,952,091	-	897,480
Antelope	70,582,433	21,969	70,560,463	16,725	5,244	46,230,540	14,495,192	9,834,731
Bailey	17,694,017	110,067	17,583,951	93,457	16,609	13,532,013	2,404,897	1,647,041
Eagle Mountain	1,619,898	-	1,619,898	-	-	1,480,880	136,988	2,031
Kramer	16,028,920	28,585	16,000,335	16,632	11,953	8,210,172	5,912,866	1,877,297
Victor	54,518,230	18,832	54,499,398	3,036	15,795	8,565,937	44,558,394	1,375,067
Total Straddle Substations	227,306,250	192,635	227,113,615	143,033	49,602	143,971,633	67,508,336	15,633,646
Low Voltage Substations (Less Than 220kV)	82,278,622	608,006	81,670,615	-	608,006	-	81,670,615	-
Total Substations	1,953,171,298	34,268,805	1,918,902,493	33,611,197	657,608	1,754,089,895	149,178,952	15,633,646
Total Lines and Substations	3,294,392,741	156,685,871	3,137,706,870	147,899,118	8,786,753	2,858,956,529	263,116,694	15,633,646

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	147,899,118	8,786,753	156,685,871
Structures	2,858,956,529	263,116,694	3,122,073,224
Total Determined HV/LV	3,006,855,647	271,903,447	3,278,759,095
Percentage:	91.71%	8.29%	100.00%
Transformers	14,337,167	1,296,479	15,633,646
Total HV & LV Gross Plant	3,021,192,815	273,199,926	3,294,392,741

Southern California Edison Company

Summary of ISO Facility Gross Plant

High/Low Voltage Mix Summary

End of Year 2011 Facilities

(\$)

Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
500 kV Substations:						
Eldorado	5090	13,183	-	65,978,686	-	897,480
230 kV Substations						
Antelope	5052	16,725	5,244	46,230,540	14,495,192	9,834,731
Bailey	5059	93,457	16,609	13,532,042	2,404,897	1,647,680
Eagle Mountain	5040	-	-	1,480,880	136,988	2,031
Kramer	5042 & 8046	16,632	11,953	8,227,024	5,912,866	1,877,297
Victor	8049	3,036	15,795	8,565,937	44,558,394	1,375,067

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study
12-31-2011 Facilities

EKWRA Reconfiguration 2

Assuming EKWRA Reconfiguration HAS NOT occurred

1 = Assuming EKWRA Reconfiguration **HAS** occurred
2 = Assuming EKWRA Reconfiguration **HAS NOT** occurred

2011				2010			Delta			
Transmission										
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	Total Plant %	ISO Plant %
Land (Substation and Line)										
350	238,723,490	156,609,995	65.6%	235,893,513	153,978,278	65.3%	2,829,977	2,631,717	1.2%	1.7%
Substation										
352	334,506,130	169,829,371	50.8%	297,909,732	175,457,663	58.9%	36,596,398	(5,628,292)	12.3%	-3.2%
353	3,421,750,786	1,741,359,026	50.9%	3,214,736,591	1,680,213,303	52.3%	207,014,195	61,145,723	6.4%	3.6%
Total Substation	3,756,256,916	1,911,188,397	50.9%	3,512,646,323	1,855,670,966	52.8%	243,610,593	55,517,431	6.9%	3.0%
Lines										
354	601,728,048	550,516,805	91.5%	675,240,065	625,307,190	92.6%	(73,512,017)	(74,790,385)	-10.9%	-12.0%
355	545,742,641	132,075,054	24.2%	517,953,902	113,770,199	22.0%	27,788,739	18,304,855	5.4%	16.1%
356	617,979,719	421,892,563	68.3%	614,853,418	422,173,397	68.7%	3,126,301	(280,834)	0.5%	-0.1%
357	46,153,376	558,943	1.2%	42,767,669	284,096	0.7%	3,385,707	274,847	7.9%	96.7%
358	183,442,133	3,408,604	1.9%	175,961,590	2,302,928	1.3%	7,480,543	1,105,676	4.3%	48.0%
359	113,892,833	110,352,407	96.9%	31,912,655	28,619,068	89.7%	81,980,178	81,733,339	256.9%	285.6%
Total Lines	2,108,938,749	1,218,804,376	57.8%	2,058,689,299	1,192,456,878	57.9%	50,249,450	26,347,498	2.4%	2.2%
Total Transmission	6,103,919,155	3,286,602,768	53.8%	5,807,229,135	3,202,106,122	55.1%	296,690,020	84,496,646	5.1%	2.6%
Distribution										
	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	Total Plant	ISO Plant	ISO % of Total	ISO % of Total
Land:										
360	105,855,062	75,876	0.1%	101,703,036	25,780	0.0%	4,152,026	50,096	4.1%	194.3%
Structures:										
361	431,350,910	683,247	0.2%	399,411,400	1,107,531	0.3%	31,939,510	(424,284)	8.0%	-38.3%
362	1,609,973,202	5,875,711	0.4%	1,457,055,947	16,087,946	1.1%	152,917,255	(10,212,235)	10.5%	-63.5%
Total Structures	2,041,324,112	6,558,958	0.3%	1,856,467,347	17,195,477	0.9%	184,856,765	(10,636,519)	10.0%	-61.9%
Total Distribution	2,147,179,174	6,634,835	0.3%	1,958,170,383	17,221,257	0.9%	189,008,791	-10,586,422	9.7%	-61.5%
Total Transmission & Distribution	8,251,098,329	3,293,237,603	39.9%	7,765,399,518	3,219,327,379	41.5%	485,698,811	73,910,224	6.3%	2.3%

Prior Year Comparison

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. However, due to project delays the physical split of the system has not yet occurred. It is currently forecast to be completed by July of 2012. The facilities assumed transferred control for purposes of the Transmission Plant Study include: 220/115kV transformation at Devers and Mirage Substations, the 115kV buses at Devers and Mirage Substation, Farrell, Garnet, Eisenhower, Thornhill, Tamarisk, Santa Rosa, Indian Wells, Concho 115kV substations, and all 115kV lines interconnecting these substations that were under ISO Operational Control.

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

The 2011 Transmission Plant Study includes the ability to adjust for the Antelope-Bailey System split as part of the EKWRA project. The EKWRA project was forecast for 2013, therefore its was assumed in the development of the Transmission Plant Study for the 2012 CPUC GRC to be completed. The current forecast for the EKWRA project is June 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 will be 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

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

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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	-	168,580	9,518,339	9,686,919	-	168,580	9,518,339
INYO	2570	115kV	-	287,755	4,196,329	4,484,084	-	287,755	4,196,329
METRO GOM MAINT	5001	500kV	-	-	10,684,164	10,684,164	-	-	10,684,164
HARBORGEN SUB	5019	220kV	-	18,729	3,340,925	3,359,654	-	18,729	3,340,925
EL SEGUNDO SWITCHRACK SUB	5026 & 1095	220kV	12,470	7,552	1,159,364	1,179,386	12,470	7,552	1,159,364
MIDWAY SUB	5032	500kV	-	3,616	169,990	173,606	-	3,616	169,990
PASTORIA SUB	5036	220kV	21,435	262,284	6,367,297	6,651,017	21,435	262,284	6,367,297
CLWTR SWITCHRACKS 1,2	5044	115kV	-	-	1,486,720	1,486,720	-	-	1,486,720
MOHAVE SWITCHRACK	5045	500kV	-	1,191	3,479,219	3,480,410	-	1,191	3,479,219
RANCHO VISTA SUB	5047	500kV	1,844,367	21,704,876	153,916,859	177,466,102	1,844,367	21,704,876	153,916,859
SYLMAR SUB	5058	750kV	-	19,757	1,802,143	1,821,901	-	19,757	1,802,143
LUGO SUB	5061	500kV	91,031	4,315,224	119,531,651	123,937,906	91,031	4,315,224	119,531,651
PISGAH SUB	5065	220kV	-	67,311	2,283,001	2,350,313	-	67,311	2,283,001
WIND HUB SUB	5079	220kV	-	8,852,776	22,432,416	31,285,192	-	8,852,776	22,432,416
SERRANO SUB	5080	500kV	1,226,475	15,498,111	159,478,455	176,203,041	1,226,475	15,498,111	159,478,455
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	2,756,645	64,092,926	66,862,753	13,183	2,756,645	64,092,926
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	-	738,554	13,375,735	14,114,289	-	738,554	13,375,735
EAST SERIES CAPACITORS 1	5094	500kV	-	852,828	8,168,260	9,021,088	-	852,828	8,168,260
PALO VERDE SWITCHRACK SUB	5097	500kV	-	4,629	2,445,247	2,449,877	-	4,629	2,445,247
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	119,338,886	127,121,702	51,663	7,731,153	119,338,886
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	24,094,284	-	-	24,094,284	24,094,284	-	-
FOUR CORNERS(NEW MEX)	1330	500kV	-	56,060	5,136,142	5,192,202	-	-	-
EDISON ITAC	1451	Misc	-	-	35,855	35,855	-	-	-
SAN ONOFRE-COMMON 1,2,3	1808	220kV	88,852	-	111,472	200,324	-	-	-
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	6,062,348	6,062,348	-	-	-
SAN ONOFRE-UNIT 1	1810	220kV	-	43,554	678,989	722,543	-	-	-
SAN ONOFRE-UNIT 2	1812	220kV	-	-	8,680,666	8,680,666	-	-	-
SAN ONOFRE-UNIT 3	1818	220kV	-	-	7,851,648	7,851,648	-	-	-
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	756,928	756,928	-	-	-
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	476,647	476,647	-	-	-
PALO VERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,556,898	2,556,898	-	-	-
PALO VERDE-UNIT 2	1864	500kV	-	-	2,577,161	2,577,161	-	-	-
PALO VERDE-UNIT 3	1866	500kV	-	-	2,755,188	2,755,188	-	-	-
PALO VERDE-COMMON 1,2,3	1867	500kV	7,766	-	1,218,283	1,226,049	-	-	-
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	-	-	2,839,491	2,839,491	-	-	-
EASTWOOD POWER STATION	2239	220kV	-	627,754	4,435,236	5,062,990	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment
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			
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	259,609	260,992			
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	2510 & 2560	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	-	631,783	637,217			
MT. TOM	2598	55kV	-	-	(230)	(230)			
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	28,242,896	29,696,639			
GENE SUB	5066	220kV	-	-	1,335,378	1,335,378			
CAMINO SUB	5068	220kV	-	111,409	4,200,276	4,311,684			
VELASCO SUB	5072	220kV	-	-	155,442	155,442			
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	24,347	3,445,044	3,491,051			
TRITON SUB	5095	115kV	2,415,092	-	-	2,415,092			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
ALHAMBRA SUB	5101	66kV	-	-	295,423	295,423			
BANDINI SUB	5107	66kV	4,583	-	-	4,583			
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451			
WABASH (NEW) SUB	5110	66kV	-	6,566	-	6,566			
EATON SUB	5115	66kV	-	14,554	-	14,554			
RUSH SUB	5116	66kV	-	-	6,165	6,165			
MONROVIA SUB	5134	33kV & Below	-	-	17,332	17,332			
ROSEMEAD SUB	5141	66kV	-	-	22	22			
DUARTE SUB	5150	33kV & Below	-	-	18,514	18,514			
ARROYO SUB	5158	66kV	-	-	123	123			
AMADOR SUB	5161	66kV	-	40,065	-	40,065			
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195	17,195			
JPL SUB	5165	66kV	-	-	3,666	3,666			
MAYFLOWER SUB	5167	33kV & Below	-	-	89,412	89,412			
TEMPLE SUB	5170	33kV & Below	-	-	17,367	17,367			
KIRK WALL SUBSTATION	5178	66kV	3,995	-	-	3,995			
CITRUS SUB	5185	66kV	-	-	34,422	34,422			
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			
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			
STRATHMORE SUB	5325	66kV	-	-	8,744	8,744			
VISALIA SUB	5331	66kV	-	-	6,446	6,446			
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627			
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825			
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			
RANDALL SUB	5601	66kV	-	-	13,566	13,566			
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596			
INLAND CONTAINER SUB	5612	66kV	-	17,062	-	17,062			
GANESHA SUB	5617	66kV	-	-	60,711	60,711			
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606			
TIPPECANOE SUB	5637	33kV & Below	-	14,765	-	14,765			
COLTON CEMENT SUB	5646	66kV	-	19,747	-	19,747			
AMERON SUB	5652	66kV	-	-	22,269	22,269			
WIMBLEDON SUB	5664	66kV	-	-	17,343	17,343			
VIDEO SUB	5702	66kV	(2,887)	-	-	(2,887)			
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			
ERIC SUBSTATION	5783	66kV	-	-	10,819	10,819			
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment
BOVINE SUBSTATION	5788	66kV	-	-	17,101	17,101			
MOVIE SUBSTATION	5798	66kV	-	-	17,658	17,658			
BAYSIDE SUBSTATION	5805	66kV	-	-	80,114	80,114			
CARMENITA SUBSTATION	5814	66kV	-	-	17,758	17,758			
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	-	-	57,621	57,621			
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262			
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802	14,802			
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289	17,289			
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308			
TELEGRAPH SUB	5892	66kV	-	12,560	16,160	28,720			
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384			
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177			
ROADWAY(CEP)	8000	115kV	110,643	489,589	3,071,113	3,671,344			
PAUBA(CEP) SUB	8003	115kV	106,825	763,111	8,151,807	9,021,743			
THORNHILL(CEP) SUB	8004	115kV	25,609	965,298	6,875,835	7,866,742			
STADLER(CEP) SUB	8005	115kV	139,611	761,680	10,956,044	11,857,335			
PAN AERO (CEP) SUB	8009	115kV	-	-	662,022	662,022			
PHELAN(CEP) SUB	8010	115kV	154,446	592,230	5,759,302	6,505,978			
BANWIND SUBSTATION	8011	115kV	-	-	9,847	9,847			
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,370,890	8,851,424			
BUNKER(CEP) SUB	8014	115kV	969,397	303,295	10,651,622	11,924,314			
FARREL(CEP) SUB	8016	115kV	-	316,077	7,992,876	8,308,952			
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	7,608,904	8,566,968			
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,117,351	17,361,868			
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,635,980	8,032,993			
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	12,975,306	13,710,394			
PEPPER(CEP) SUB	8021	115kV	17,579	43,308	2,103,228	2,164,114			
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,214,434	2,341,589			
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	762,504	774,518			
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	17,693,481	18,442,682			
BAKER(CEP) SUB	8025	115kV	-	39,566	1,529,014	1,568,580			
BANNING(CEP) SUB	8026	115kV	20,210	1,508,584	15,966,452	17,495,245			
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,178,958	12,291,214			
EDWARDS(CEP) SUB	8028	115kV	-	30,785	2,488,022	2,518,807			
HI DESERT(CEP) SUB	8029	66kV	7,644	553,863	4,187,176	4,748,683			
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	3,792,504	3,808,426			
RANDBURG(CEP) SUB	8031	115kV	116	285,837	5,122,213	5,408,167			
ROCKET TEST(CEP) SUB	8032	115kV	-	1,564	279,329	280,893			
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,922,080	2,965,750			
ZANJA(CEP) SUB	8035	115kV	152,559	1,480,335	5,590,419	7,223,312			
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	446,370	13,590,222	14,081,281			
NELSON(CEP) SUB	8038	115kV	22,819	182,401	9,464,060	9,669,280			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

TRANSMISSION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED		
			A/C 350	A/C 352	A/C 353		A/C 350	A/C 352	A/C 353
			Land & Land Rights	Structures & Improvements	Station Equipment		Land & Land Rights	Structures & Improvements	Station Equipment
HOMART(CEP) SUB	8039	115kV	174,875	353,998	4,702,739	5,231,612			
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,889,053	3,257,291			
CALECTRIC SUB (CEP)	8042	115kV	27,870	594,421	8,060,073	8,682,364			
GARNET SUB	8044	115kV	38,081	69,778	4,163,817	4,271,676			
IID TIE SUB	8045	115kV	39,144	-	23,873	63,017			
TIEFORT SUB	8047	115kV	-	19,707	763,537	783,244			
USBR BLYTHE SUB	8048	161kV	-	64,681	7,772,339	7,837,020			
PUREWATER SUB	8059	115kV	-	-	1,196,851	1,196,851			
SEAWIND T/S	8061	115kV	2,976	463	271,194	274,633			
TIFFANYWIND SUB	8064	115kV	-	-	4,275	4,275			
NUSED GALE	8067	115kV	-	-	9,758	9,758			
CARODEAN	8072	115kV	-	436,151	2,359,288	2,795,439			
IVYGLEN SUB	8073	115kV	166,697	1,046,841	7,481,161	8,694,699			
COOL WATER SWITCHRACK 1,2	8074	115kV	-	-	139,483	139,483			
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,432,134	1,617,896			
SUN CITY(NEW)	8078	115kV	119,513	1,892,019	7,507,281	9,518,813			
AQUEDUCT SUB	8079	115kV	2,880	899,535	8,998,400	9,900,814			
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568	4,625,621			
MENTONE SUB	8082	115kV	161,883	697,945	4,042,357	4,902,185			
CAJALCO SUB	8086	115kV	25,836	244,940	8,911,697	9,182,474			
HESPERIA SUB	8087	115kV	22,150	187,187	4,382,633	4,591,970			
SKYLARK SUB	8088	115kV	81,206	295,715	9,689,962	10,066,883			
MAYBERRY SUB	8089	115kV	23,090	257,195	6,177,082	6,457,368			
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	402,055	8,394,320	8,838,647			
ARROWHEAD SUB	8094	115kV	-	284,371	4,861,490	5,145,861			
STETSON SUB	8095	115kV	23,493	294,559	7,294,089	7,612,142			
MARSCHINO SUB	8096	115kV	27,809	1,576,175	9,081,338	10,685,322.80			
DUNN SIDING SUB	8097	115kV	4,913	7,284	217,755	229,952			
EISENHOWER SUB	8098	115kV	189,886	504,359	4,923,981	5,618,226			
TAMARISK SUB	8099	115kV	125,967	363,862	11,386,603	11,876,432			
BARSTOW SUB	8110	33kV & Below	-	-	59,447	59,447			
BLYTHE SUB	8113	33kV & Below	-	-	551,028	551,028			
BRYMAN SUB	8117	33kV & Below	-	-	6,703	6,703			
MILITARY SUB	8120	33kV & Below	-	15,598	-	15,598			
PALM SPRINGS SUB	8124	33kV & Below	-	6,087	-	6,087			
DOWNS SUB	8137	33kV & Below	-	-	1,963,211	1,963,211			
GLEN IVY SUB	8152	33kV & Below	-	-	35,758	35,758			
HELENDAL SUB	8163	33kV & Below	-	15,110	59,658	74,768			
HINKLEY SUB	8167	33kV & Below	-	-	5,533	5,533			
IDYLLWILD SUB	8168	33kV & Below	-	-	41,486	41,486			
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725			
MORENO SUB	8193	33kV & Below	-	16,207	56,358	72,565			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
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	-	-	939,381	939,381			
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	-	17,026	30,776	47,802			
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438			
SAN JACINTO SUB	8234	33kV & Below	-	-	10,232	10,232			
SUN CITY SUB	8243	33kV & Below	-	3,371	3,371	6,741			
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236			
WILDE SUB	8267	33kV & Below	-	-	27,796	27,796			
TENAJA SUBSTATION	8270	115kV	-	1,775,355	8,689,830	10,465,186			
GALE SUB	8283	33kV & Below	-	-	3,630,063	3,630,063			
FORGE SUB	8297	115kV	-	-	13,127	13,127			
BUCKWIND	8301	115kV	-	4,640	752,388	757,028			
CAPWIND	8302	115kV	-	-	8,342	8,342			
RENWIND	8303	115kV	-	15,102	832,521	847,623			
SANWIND	8304	115kV	-	-	104,029	104,029			
TRANSWIND	8305	115kV	-	25,366	799,240	824,606			
VENWIND	8306	115kV	-	21,039	2,287,050	2,308,089			
ALTWIND	8308	115kV	-	1,022	29,919	30,941			
TERAWIND	8310	115kV	-	5,398	176,633	182,031			
INDIGO SUBSTATION	8311	115kV	-	4,899	85,324	90,223			
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	-	-	17,519	17,519			
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	668,136	10,651,191	11,370,499			
ELSINORE	8343	115kV	20,961	267,730	11,540,757	11,829,448			
SOUTH BASE SUB	8344	115kV	12,179	138,278	1,878,913	2,029,370			
INDIAN WELLS SUB	8345	115kV	222,600	827,991	11,385,272	12,435,863			
PECHANGA SUB	8347	115kV	560,579	844,656	10,579,688	11,984,924			
MORAGA	8348	115kV	40,720	142,523	14,086,189	14,269,432			
TANKER SUBSTATION	8351	115kV	120	4,440	696,181	700,741			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193			
AFG SUBSTATION	8354	115kV	-	78,655	1,076,360	1,155,015			
RECTIFIER SUB	8357	115kV	-	5,170	1,089,069	1,094,239			
MOUNTWIND SUBSTATION	8359	66kV	-	-	29,688	29,688			
COSO SUB	8361	115kV	85,358	-	-	85,358			
MOVAL SUBSTATION	8362	115kV	-	210,317	2,609,845	2,820,162			
PHARMACY SUBSTATION	8509	66kV	-	-	43,289	43,289			
PLASTER SUBSTATION	8558	66kV	4,671	-	-	4,671			
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-	1,188,142			
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	556,936	556,936			
TELCOMM-ALHAMBRA	9310	Misc	327,826	-	-	327,826			
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631			
KERN RIVER NO.1	2313	66kV	-	4,184	354,262	358,446	-	2,138	181,856
CUMMINGS SUB	5357	66kV	-	-	50,025	50,025	-	-	50,025
MONOLITH SUB	5358	66kV	-	-	1,245,449	1,245,449	-	-	1,142,050
ACTON SUB	5365	66kV	24,167	-	-	24,167	3,768	-	-
DEL SUR SUB	5508	66kV	-	-	416,587	416,587	-	-	392,256
GOLDTOWN SUB	5511	66kV	-	-	485,768	485,768	-	-	472,674
LANCASTER SUB	5514	66kV	-	-	1,071,715	1,071,715	-	-	1,039,386
LITTLE ROCK SUB	5518	66kV	-	-	1,176,404	1,176,404	-	-	379,881
SHUTTLE SUB	5522	66kV	-	-	1,018,976	1,018,976	-	-	798,318
REDMAN WUB	5530	66kV	-	-	276,828	276,828	-	-	276,510
ROSAMOND SUB	5541	66kV	-	-	560,192	560,192	-	-	560,192
PIUTE SUB	5545	66kV	-	-	140,209	140,209	-	-	140,209
OASIS SUB	5548	66kV	-	-	618,665	618,665	-	-	395,907
CAL CEMENT SUB	5553	66kV	-	4,529	231,735	236,263	-	2,433	231,735
PALMDALE SUB	5564	66kV	-	-	713,949	713,949	-	-	688,370
QUARTZ HILL SUB	5566	66kV	-	-	189,905	189,905	-	-	189,905
HELIJET SUB	5599	66kV	-	-	488,671	488,671	-	-	346,134
RITTER SUB	8504	66kV	942,423	-	-	942,423	351,410	-	-
BIG CREEK NO.1	2211	220kV	-	77,314	8,074,041	8,151,355	-	36,940	3,849,584
BIG CREEK NO.2	2212	220kV	-	-	1,516,246	1,516,246	-	-	1,516,246
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	-	584,235	11,741,535	12,325,770	-	578,154	10,298,078
BIG CREEK NO.2A	2234	220kV	-	-	1,031,434	1,031,434	-	-	1,031,434
BIG CREEK NO.4	2236	220kV	-	-	2,262,432	2,262,432	-	-	2,262,432
CONTROL STATION	2556	115kV	-	1,481,594	14,903,914	16,385,509	-	1,227,397	12,810,000
EAGLE ROCK SUB	5011	220kV	19,613	1,027,026	18,784,496	19,831,134	4,626	244,603	4,428,343
MESA SUB	5012	220kV	169,249	6,078,267	39,054,245	45,301,760	47,667	1,696,134	11,014,879
RIO HONDO SUB	5013	220kV	457,530	1,144,750	47,262,693	48,864,972	58,556	146,508	6,048,787
WALNUT SUB	5014	220kV	97,955	2,208,450	23,433,261	25,739,666	9,780	220,504	2,347,571
GOULD SUB	5015	220kV	29,300	543,598	19,177,067	19,749,965	13,929	258,428	9,116,848
LA FRESA SUB	5021	220kV	101,370	4,603,204	34,793,294	39,497,868	30,367	1,379,589	10,413,664
EL NIDO SUB	5023	220kV	285,620	3,319,375	22,103,612	25,708,606	54,342	631,549	4,205,463
LA CIENEGA SUB	5024	220kV	2,100,227	3,940,663	15,262,144	21,303,034	838,723	1,573,699	6,094,921

TS by Location

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
ALAMITOS SWITCHRACK SUB	5025	220kV	63,557	95,628	12,620,772	12,779,957	33,845	50,923	6,720,745
LG BCH SWITCHRACK SUB	5027 & 1088	220kV	97,213	1,323,464	5,337,514	6,758,191	58,787	800,325	3,227,701
REDONDO SWITCHRACK SUB	5028	220kV	13,018	25,662	5,579,429	5,618,109	8,944	17,631	3,833,295
MAGUNDEN SUB	5031	220kV	8,363	1,082,971	14,332,635	15,423,969	7,947	1,029,214	13,618,898
RECTOR SUB	5033	220kV	393,170	12,235,173	81,933,144	94,561,488	160,490	4,821,856	33,876,468
SPRINGVILLE SUB	5034	220kV	12,198	845,805	23,068,946	23,926,949	3,568	198,090	6,797,045
VESTAL SUB	5035	220kV	7,243	1,318,486	16,947,687	18,273,415	2,026	369,875	4,740,244
EAGLE MT. SUB	5040	220kV	-	242,739	7,113,017	7,355,756	-	15,337	449,423
CIMA SUB	5043	220kV	1,824	17,123	2,895,549	2,914,495	230	2,162	365,680
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	12,099	2,491,870	2,553,073	-	-	-
PARDEE SUB	5050	220kV	970,263	2,979,886	21,501,880	25,452,029	806,035	2,475,505	17,862,429
ANTELOPE SUB	5052	220kV	21,983	1,600,543	69,002,675	70,625,201	21,969	1,599,575	68,960,888
SANTA CLARA SUB	5053	220kV	140,739	1,321,401	42,996,614	44,458,754	44,241	402,115	13,545,005
GOLETA SUB	5055	220kV	236,194	900,615	18,471,748	19,608,557	39,103.89	149,088.58	2,771,172.63
MOORPARK SUB	5056	220kV	184,091	3,495,538	52,928,753	56,608,382	19,240	365,329	5,531,735
BAILEY SUB	5059	220kV	111,063	895,918	16,844,418	17,851,399	110,067	887,877	16,696,074
PADUA SUB	5060	220kV	149,547	2,130,012	37,435,843	39,715,402	33,769	480,968	8,458,233
CHINO SUB	5062	220kV	34,465	2,457,704	36,065,298	38,557,466	8,320	574,441	8,725,618
JULIAN HINDS SUB	5063	220kV	-	2,215	804,742	806,957	-	1,546	561,775
VISTA SUB	5064	220kV	52,109	8,031,799	60,916,108	69,000,016	10,568	1,654,161	12,335,933
DEVERS SUB	5067	500kV	285,546	8,352,642	146,698,826	155,337,013	248,793	7,278,131	131,732,887
MIRA LOMA SUB	5069	500kV	477,276	12,830,373	151,449,653	164,757,302	381,928	10,307,489	121,153,521
HINSON SUB	5071	220kV	678,278	560,614	22,188,911	23,427,802	159,641	129,363	5,225,014
LIGHTHIPE SUB	5073	220kV	164,680	8,573,786	33,207,543	41,946,008	58,035	3,021,511	11,702,759
LAGUNA BELL SUB	5074	220kV	131,263	1,465,425	39,715,003	41,311,691	36,482	404,087	11,041,410
DEL AMO SUB	5075	220kV	185,982	714,826	44,410,784	45,311,593	48,621	211,780	11,585,241
BARRE SUB	5081	220kV	86,188	1,393,678	43,973,907	45,453,773	15,880	255,834	8,103,161
VILLA PARK SUB	5082	220kV	270,570	2,990,436	30,308,239	33,569,245	62,510	690,487	7,012,797
VIEJO SUBSTATION	5083	220kV	13,285,974	8,429,231	28,414,675	50,129,880	1,887,095	1,169,102	4,156,403
CENTER SUB	5084	220kV	72,253	3,484,389	31,951,394	35,508,036	14,072	675,644	6,226,020
JOHANNA SUB	5085 & 5881	220kV	813,416	3,395,692	14,501,837	18,710,946	254,309	1,061,321	5,097,497
ELLIS SUB	5086	220kV	59,737	1,262,574	46,404,218	47,726,530	10,239	226,681	7,943,188
OLINDA SUB	5087	220kV	390,538	1,575,932	21,998,560	23,965,031	61,536	238,867	3,475,721
SANTIAGO SUB	5088	220kV	557,976	1,623,360	33,283,304	35,464,640	90,406	317,433	5,340,986
ETIWANDA SWITCHRACK SUB	5096	220kV	186,144	3,595,471	47,196,888	50,978,503	40,848	788,978	10,356,989
EL CASCO SUBSTATION	8006	220kV	-	35,206,242	46,905,542	82,111,785	-	7,160,592	9,540,110
MIRAGE(CEP) SUB	8012	220kV	629,541	4,035,526	29,412,560	34,077,626	168,034	1,095,285	7,724,216
TORTILLA(CEP) SUB	8037	115kV	17,114	94,615	6,586,445	6,698,174	2,228	12,138	857,763
VICTOR SUB	8049	220kV	22,088	5,330,122	58,593,736	63,945,946	18,832	5,151,040	49,348,358
CHEVMAIN	8063	220kV	-	253,576	15,410,458	15,664,033	-	59,734	3,630,204
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	7,964	103,562	6,773,479	6,885,006	4,950	64,210	4,209,840
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	48,811	630,433	26,686,331	27,365,576	28,585	342,807	15,657,528
Vincent	5054 & 8954	500kV	134,360	6,652,927	112,856,441	119,643,728	132,175	6,545,404	111,020,616
Valley & Valley - CEP	5070 & 8034	500kV	314,771	34,639,547	170,823,495	205,777,813	159,283	22,182,377	83,169,042
San Onofre Switchrack	8051-8055	220kV	-	3,441,217	18,545,011	21,986,228	-	1,973,284	10,632,542

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
San Bernardino-220kv Switchyard & 220	8076 & 1999	115kv	302,392	3,850,234	35,797,856	39,950,482	56,157	445,194	7,035,987
MIDWAY-VINCENT LINES 1&2	4026	500kv	2,910,822	-	27,105	2,937,927	2,910,822	-	27,105
DWP-EDSN CELILO-SYLMR LN	4031	750kv	-	95,841	-	95,841	-	95,841	-
DWP-EDSN CELILO-SYLMR LN	4034	750kv	-	541	-	541	-	541	-
PARDEE-SYLMAR LNES 1&2	4045		179,131	-	-	179,131	179,131	-	-
EAGLE ROCK-SYLMAR LNE	4046	220kv	186,657	-	-	186,657	186,657	-	-
PARDEE-VINCENT LINE CONST	4059	220kv	13,002	-	-	13,002	13,002	-	-
RIO HONDO-VINCENT LN 2	4070	220kv	61,040	-	-	61,040	61,040	-	-
MANY TRANSMISSION LINES	4101	220kv	1,458,517	278,181	98,475	1,835,173	1,418,562	270,518	95,762
COGEN/RENEWABLE ENERGY SO	4102		1,466,128	-	-	1,466,128	777,708	-	-
DEVERS-HINS LN, OTHERS	4104		1,331,335	-	-	1,331,335	1,253,514	-	-
33 AND 66 KV LINES	4105	66kv	31,669,556	307,314	1,071,634	33,048,505	3,469,110	122,153	116,166
COGEN/RENEW ENGY SOURCES	4106		563,121	-	-	563,121	1,303	-	-
ANTELOPE/MESA LINE, OTHER	4107	220kv	2,639,357	303,336	-	2,942,693	2,399,013	296,716	-
CHINO-SERRANO/SN ONFRE LN	4108	220kv	8,067,991	3,035,777	-	11,103,767	8,067,991	3,035,777	-
BIG CRK 3-BIG CRK 4	4111	220kv	1,944	-	-	1,944	1,944	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	220kv	874,872	-	-	874,872	866,528	-	-
ALAMITOS-MESA LN, OTHERS	4114	220kv	3,210,578	534,060	661,182	4,405,820	3,063,761	514,836	630,945
HINSON-LIGHTHIPE 1&2	4115	220kv	1,607,024	531,635	2,149	2,140,808	1,607,024	531,635	2,149
HINSON-LAFRESA, OTHERS	4116	220kv	3,594,552	174,910	2,065	3,771,528	3,594,622	174,910	2,065
ELDRDO-CIMA-PISGAH LN1,2	4117	220kv	1,005,476	7,084	12,857	1,025,417	1,005,509	7,084	12,857
MRA LMA-VLL PK LNS, OTHR	4118	220kv	5,639,405	134,435	2,260	5,776,099	5,239,035	124,516	2,093
CENTER-MESA LN, OTHERS	4119	220kv	2,099,654	71,860	101	2,171,615	1,793,707	61,385	86
ALAMITOS-CENTER, OTHERS	4120	220kv	4,270,244	298,150	3,380	4,571,774	3,695,472	258,018	2,925
BIG CREEK 4-SPRNGVLL-MGDN	4121	220kv	353,928	-	-	353,928	353,928	-	-
LUGO-VINCENT LNES 1&2	4123	500kv	1,734,921	-	16,633	1,751,554	1,734,921	-	16,633
BIG CRK 1-CMP TEN-...PRTL	4124		485	-	-	485	-	-	-
GOLETA-SNTA CLARA, OTHERS	4125	220kv	11,414,612	1,761,946	1,918	13,178,476	8,492,875	1,316,772	1,427
NORTH BOULDER-MEAD, OTHER	4127		19,842	-	-	19,842	19,842	-	-
KERN RIVER3-VESTAL 66 KV	4129	66kv	38,460	-	-	38,460	-	-	-
MOHAVE-LUGO 500KV	4130	500kv	157,990	-	-	157,990	157,990	-	-
CUMMINGS-KERBN RIV1, OTHE	4132		3,146	-	-	3,146	3,132	-	-
BOREL-...-WALKER 66KV LN	4133	66kv	53,165	-	-	53,165	-	-	-
LUGO-VICTOR LNS, OTHER	4135		2,211,889	-	-	2,211,889	1,443,554	-	-
LUGO-ELDORADO LN	4136	500kv	1,330,373	-	-	1,330,373	1,330,373	-	-
LUGO-ELDORADO LN	4137	500kv	16,589	-	-	16,589	16,589	-	-
LUGO-MIRA LOMA 2&3	4138	500kv	9,600,704	-	98	9,600,802	9,605,387	-	98
SPRGVLL-TULE 66KV LN	4139	66kv	517	-	-	517	-	-	-
MOHAVE-LUGO 500 KV LN	4140	500kv	278,112	-	-	278,112	278,112	-	-
MOHAVE-ELDORADO LN	4141	500kv	76,199	-	-	76,199	76,199	-	-
BOREL-WELDON 66KV LN	4142	66kv	25,409	-	-	25,409	-	-	-
ELDORADO-BORDER 500 KV LN	4143	500kv	6,167	-	-	6,167	6,167	-	-
ELDORADO-MEAD LNS 1&2	4144	220kv	9,994	-	-	9,994	9,994	-	-
VINCENT-PARDEE LN 2	4147	220kv	3,854,651	-	1,880	3,856,531	3,855,188	-	1,880
MIRA LOMA-SERRANO LN	4148	500kv	1,696,736	-	-	1,696,736	1,696,736	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
SANTA ANA LNS 1,2,3	4149		232	-	-	232	-	-	-
VINCENT-PEARBLOSSOM LN	4153	220kV	309,032	-	-	309,032	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154	500kV	751,549	-	-	751,549	751,549	-	-
MIDWAY-VINCENT LN 3	4155	500kV	2,956,983	-	-	2,956,983	2,956,983	-	-
ELLIS-SANTIAGO LNS 1,2	4156	220kV	12,019,808	-	-	12,019,808	12,025,290	-	-
RIO HONDO-VINCENT LN 2	4157	220kV	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	220kV	9,034	-	-	9,034	9,034	-	-
BIG CRK 3-MAMMOTH POOL	4168	220kV	4,331	-	-	4,331	-	-	-
BIG CRK 1-RECTOR, OTHER	4169	220kV	3,565,382	-	2,701	3,568,084	3,452,749	-	2,616
DEVERS-PALO VERDE	4185	500kV	12,533,939	-	-	12,533,939	12,546,476	-	-
DEVERS-PALO VERDE	4186	500kV	1,193,710	-	-	1,193,710	1,194,335	-	-
DEVERS-VALLEY LNS 1,2	4187	500kV	10,444,073	-	-	10,444,073	10,444,073	-	-
SERRANO-VALLEY LN	4188	500kV	2,855,826	8,043	-	2,863,870	2,858,639	8,043	-
SERRANO-VILLA PK LN 1,2,3	4189	220kV	78,248	-	-	78,248	78,248	-	-
VARIOUS 66KV LINES	4200	66kV	-	465,310	-	465,310	-	-	-
E.MAGUNDEN-ANTELOPE 220KV	4207	220kV	-	25,798	-	25,798	-	-	-
ANTELOPE-MESA 220 KV LN	4307	220kV	-	23,142	-	23,142	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	220kV	-	5,449	-	5,449	-	-	-
CENTER-MESA 220KV LN	4319	220kV	-	-	-	-	-	-	-
MESA-REDONDO 220KV LN	4414	220kV	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	220kV	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	220kV	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	115kV	-	-	256,666	256,666	-	-	-
33&66KV LNS IN NRTHEN T/S	4605		-	235,738	-	235,738	-	-	-
MOORPARK-PARDEE 200KV LN	4625	115kV	-	7,825	-	7,825	-	-	-
EASTERN T/S REG	4700	Transmission Line	33,305	-	1,233	34,538	-	-	-
CORONA-JEFFERSON 66 KV LN	4705	66kV	243,215	3,296	-	246,510	94,331	1,278	-
LEE VINING-LUNDY 55K 4771	4730	55kV	10,585	-	-	10,585	-	-	-
BISHOP CRK55&115KV LINES	4735		138	-	-	138	-	-	-
115 KV LNS, ESTN T/S REG	4750	115kV	14,315,889	2,902	173,059	14,491,850	3,933,969	797	118,009
DEVERS-SN BRDNO 220 KV LN	4756	220kV	1,079,577	-	-	1,079,577	1,079,559	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	161kV	33,310	-	-	33,310	33,310	-	-
HOOVER-CLWTR 115 KV LN	4781	115kV	1,277	-	-	1,277	1,277	-	-
HOOVER-CLWTR 115 KV LN	4782	115kV	165,196	-	-	165,196	165,196	-	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 238,550,302	\$ 327,516,032	\$ 3,349,237,990	\$ 3,915,304,324	\$ 156,496,378	\$ 166,280,485	\$ 1,704,804,473

Recalc based on all other TS locations
Allocation % to use

MOUNTAINVIEW POWER-COMMON	1250		-	-	23,588,992	23,588,992	65.60%	50.77%	50.90%
PALOVERDE-SWITCHYARD	1869	500kV	-	2,465,520	7,901,074	10,366,594	-	-	12,007,095
SHAVER LAKE (FP 67)	2120	66kV	(267)	-	-	(267)	(175)	-	-
MET T/S REGION	4300	Transmission Line	-	131,348	14,696	146,044	-	66,686	7,480
COASTAL T/S REGION	4400	Transmission Line	3,127	-	12,363	15,490	2,051	-	6,293
EASTERN T/S REGION	4500	Transmission Line	-	41,481	21,657	63,138	-	21,060	11,023

TS by Location

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
NRTHN T/S REGION	4600	Transmission Line	-	106,618	21,515	128,133	-	54,130	10,951
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	2,931	32,032	3,630	38,593	1,923	16,263	1,848
S/E DIV., 66KV LINES	4805	66kV	-	118,500	-	118,500	-	60,163	-
SUBSTN DIV	5000	Misc	0	0	3,270,205	3,270,205	-	-	1,664,576
NO. T/S REG OFC/VALENCIA	5038	Misc	123341.95	3713423.85	-	3,836,766	80,916	1,885,312	-
METRO REGION	5100		0	0	621,997	621,997	-	-	316,604
NEENACH SUB	5556	66kV	-	-	22,914	22,914	-	-	11,663
CATALINA SERVICE CENTER	6061	CSTMR SRVC FAC.	44054.54	0	-	44,055	28,901	-	-
BARSTOW NO RGN-SAN BERDOO	6072	CSTMR SRVC FAC.	-	7,617	-	7,617	-	3,867	-
VENTURA COUNTY	7056		-	-	74,798	74,798	-	-	38,073
B&A-T/S 3RD FLOOR-GO3	9010	Misc	0	0	23,237	23,237	-	-	11,828
CHINO OFC BLDG (FACILITY)	9024		0	373557.62	-	373,558	-	189,656	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	32,925,651	32,925,651	-	-	16,759,572
FUELS	9203	Misc	-	0	341,890	341,890	-	-	174,026
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	0	2,970,011	2,970,011	-	-	1,511,773
Total Locations Reclac'd			\$ 173,187	\$ 6,990,098	\$ 71,814,627	\$ 78,977,913	\$ 113,616	\$ 3,548,886	\$ 36,554,553

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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			
INYO	2570	115kV			
METRO GOM MAINT	5001	500kV			
HARBORGEN SUB	5019	220kV			
EL SEGUNDO SWITCHRACK SUB	5026 & 1095	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			
WIND HUB SUB	5079	220kV			
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	-	56,060	5,136,142
EDISON ITAC	1451	Misc	-	-	35,855
SAN ONOFRE-COMMON 1,2,3	1808	220kV	88,852	-	111,472
SAN ONOFRE-COMMON 2,3	1809	220kV	-	-	6,062,348
SAN ONOFRE-UNIT 1	1810	220kV	-	43,554	678,989
SAN ONOFRE-UNIT 2	1812	220kV	-	-	8,680,666
SAN ONOFRE-UNIT 3	1818	220kV	-	-	7,851,648
SONGS 2,3 SPARE PARTS	1824	220kV	-	-	756,928
SONGS COMMON 2 & 3- (INC)	1839	220kV	-	-	476,647
PALOVERDE NUCL GEN PLT-U1	1860	500kV	-	-	2,556,898
PALO VERDE-UNIT 2	1864	500kV	-	-	2,577,161
PALO VERDE-UNIT 3	1866	500kV	-	-	2,755,188
PALOVERDE-COMMON 1,2,3	1867	500kV	7,766	-	1,218,283
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	-	-	2,839,491
EASTWOOD POWER STATION	2239	220kV	-	627,754	4,435,236

TS by Location

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
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
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	259,609
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	2510 & 2560	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	-	631,783
MT. TOM	2598	55kV	-	-	(230)
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	28,242,896
GENE SUB	5066	220kV	-	-	1,335,378
CAMINO SUB	5068	220kV	-	111,409	4,200,276
VELASCO SUB	5072	220kV	-	-	155,442
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	24,347	3,445,044
TRITON SUB	5095	115kV	2,415,092	-	-

TS by Location

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
ALHAMBRA SUB	5101	66kV	-	-	295,423
BANDINI SUB	5107	66kV	4,583	-	-
BICKNELL SUB	5109	33kV & Below	-	-	2,451
WABASH (NEW) SUB	5110	66kV	-	6,566	-
EATON SUB	5115	66kV	-	14,554	-
RUSH SUB	5116	66kV	-	-	6,165
MONROVIA SUB	5134	33kV & Below	-	-	17,332
ROSEMEAD SUB	5141	66kV	-	-	22
DUARTE SUB	5150	33kV & Below	-	-	18,514
ARROYO SUB	5158	66kV	-	-	123
AMADOR SUB	5161	66kV	-	40,065	-
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195
JPL SUB	5165	66kV	-	-	3,666
MAYFLOWER SUB	5167	33kV & Below	-	-	89,412
TEMPLE SUB	5170	33kV & Below	-	-	17,367
KIRKWALL SUBSTATION	5178	66kV	3,995	-	-
CITRUS SUB	5185	66kV	-	-	34,422
CORTEZ SUB	5186	66kV	-	-	31,589
RAILROAD SUB	5196	66kV	-	-	4,078
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	-	2,046,562
LENNOX SUB	5213	66kV	-	-	17,794
WINDSOR HILLS SUB	5235	66kV	-	-	17,508
YUKON SUB	5241	66kV	4,415	-	-
STRATHMORE SUB	5325	66kV	-	-	8,744
VISALIA SUB	5331	66kV	-	-	6,446
LINE CREEK SUB	5352	33kV & Below	-	-	9,627
RIVERWAY SUB	5374	66kV	801,825	-	-
FILLMORE SUB	5510	66kV	-	5,566	-
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072
NEWBURY SUB	5557	66kV	-	-	682,055
RANDALL SUB	5601	66kV	-	-	13,566
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-
INLAND CONTAINER SUB	5612	66kV	-	17,062	-
GANESHA SUB	5617	66kV	-	-	60,711
SAN ANTONIO SUB	5631	66kV	-	-	7,606
TIPPECANOE SUB	5637	33kV & Below	-	14,765	-
COLTON CEMENT SUB	5646	66kV	-	19,747	-
AMERON SUB	5652	66kV	-	-	22,269
WIMBLEDON SUB	5664	66kV	-	-	17,343
VIDEO SUB	5702	66kV	(2,887)	-	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	16,863
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340
WATSON SUBSTATION	5758	66kV	-	-	3,790
ERIC SUBSTATION	5783	66kV	-	-	10,819
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
BOVINE SUBSTATION	5788	66kV	-	-	17,101
MOVIE SUBSTATION	5798	66kV	-	-	17,658
BAYSIDE SUBSTATION	5805	66kV	-	-	80,114
CARMENITA SUBSTATION	5814	66kV	-	-	17,758
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-
WAVE SUBSTATION	5828	66kV	-	-	17,259
LA HABRA SUBSTATION	5832	66kV	-	-	17,125
OCEANVIEW SUBSTATION	5842	66kV	-	-	57,621
ALTON SUBSTATION	5860	66kV	241,262	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289
TUSTIN SUBSTATION	5878	66kV	11,308	-	-
TELEGRAPH SUB	5892	66kV	-	12,560	16,160
NIGUEL SUBSTATION	5896	66kV	-	-	21,384
LAS LOMAS SUB	5902	66kV	4,664,177	-	-
ROADWAY(CEP)	8000	115kV	110,643	489,589	3,071,113
PAUBA(CEP) SUB	8003	115kV	106,825	763,111	8,151,807
THORNHILL(CEP) SUB	8004	115kV	25,609	965,298	6,875,835
STADLER(CEP) SUB	8005	115kV	139,611	761,680	10,956,044
PAN AERO (CEP) SUB	8009	115kV	-	-	662,022
PHELAN(CEP) SUB	8010	115kV	154,446	592,230	5,759,302
BANWIND SUBSTATION	8011	115kV	-	-	9,847
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,370,890
BUNKER(CEP) SUB	8014	115kV	969,397	303,295	10,651,622
FARREL(CEP) SUB	8016	115kV	-	316,077	7,992,876
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	7,608,904
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,117,351
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,635,980
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	12,975,306
PEPPER(CEP) SUB	8021	115kV	17,579	43,308	2,103,228
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,214,434
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	762,504
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	17,693,481
BAKER(CEP) SUB	8025	115kV	-	39,566	1,529,014
BANNING(CEP) SUB	8026	115kV	20,210	1,508,584	15,966,452
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,178,958
EDWARDS(CEP) SUB	8028	115kV	-	30,785	2,488,022
HI DESERT(CEP) SUB	8029	66kV	7,644	553,863	4,187,176
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	3,792,504
RANDBURG(CEP) SUB	8031	115kV	116	285,837	5,122,213
ROCKET TEST(CEP) SUB	8032	115kV	-	1,564	279,329
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,922,080
ZANJA(CEP) SUB	8035	115kV	152,559	1,480,335	5,590,419
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	446,370	13,590,222
NELSON(CEP) SUB	8038	115kV	22,819	182,401	9,464,060

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
HOMART(CEP) SUB	8039	115kV	174,875	353,998	4,702,739
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,889,053
CALECTRIC SUB (CEP)	8042	115kV	27,870	594,421	8,060,073
GARNET SUB	8044	115kV	38,081	69,778	4,163,817
IID TIE SUB	8045	115kV	39,144	-	23,873
TIEFORT SUB	8047	115kV	-	19,707	763,537
USBR BLYTHE SUB	8048	161kV	-	64,681	7,772,339
PUREWATER SUB	8059	115kV	-	-	1,196,851
SEAWIND T/S	8061	115kV	2,976	463	271,194
TIFFANYWIND SUB	8064	115kV	-	-	4,275
NUSED GALE	8067	115kV	-	-	9,758
CARODEAN	8072	115kV	-	436,151	2,359,288
IVYGLEN SUB	8073	115kV	166,697	1,046,841	7,481,161
COOL WATER SWITCHRACK 1,2	8074	115kV	-	-	139,483
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,432,134
SUN CITY(NEW)	8078	115kV	119,513	1,892,019	7,507,281
AQUEDUCT SUB	8079	115kV	2,880	899,535	8,998,400
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568
MENTONE SUB	8082	115kV	161,883	697,945	4,042,357
CAJALCO SUB	8086	115kV	25,836	244,940	8,911,697
HESPERIA SUB	8087	115kV	22,150	187,187	4,382,633
SKYLARK SUB	8088	115kV	81,206	295,715	9,689,962
MAYBERRY SUB	8089	115kV	23,090	257,195	6,177,082
PERMANENTE SUB	8090	115kV	-	-	87,113
ELCENTRO TELEMTERING	8091	161kV	-	-	15,844
NILAND TELEMETERING	8092	161kV	-	-	6,807
SHANDIN SUB	8093	115kV	42,272	402,055	8,394,320
ARROWHEAD SUB	8094	115kV	-	284,371	4,861,490
STETSON SUB	8095	115kV	23,493	294,559	7,294,089
MARSCHINO SUB	8096	115kV	27,809	1,576,175	9,081,338
DUNN SIDING SUB	8097	115kV	4,913	7,284	217,755
EISENHOWER SUB	8098	115kV	189,886	504,359	4,923,981
TAMARISK SUB	8099	115kV	125,967	363,862	11,386,603
BARSTOW SUB	8110	33kV & Below	-	-	59,447
BLYTHE SUB	8113	33kV & Below	-	-	551,028
BRYMAN SUB	8117	33kV & Below	-	-	6,703
MILITARY SUB	8120	33kV & Below	-	15,598	-
PALM SPRINGS SUB	8124	33kV & Below	-	6,087	-
DOWNS SUB	8137	33kV & Below	-	-	1,963,211
GLEN IVY SUB	8152	33kV & Below	-	-	35,758
HELENDAL SUB	8163	33kV & Below	-	15,110	59,658
HINKLEY SUB	8167	33kV & Below	-	-	5,533
IDYLLWILD SUB	8168	33kV & Below	-	-	41,486
MINNEOLA SUB	8190	33kV & Below	-	-	5,725
MORENO SUB	8193	33kV & Below	-	16,207	56,358

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
MURRIETA 2 SUB	8195	33kV & Below	-	-	21,180
MURRIETA SUB	8196	33kV & Below	1,616,115	-	-
SOUTHCAP SUB.	8197	115kV	-	-	939,381
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	-	17,026	30,776
RIDGECREST SUB	8226	33kV & Below	-	-	17,438
SAN JACINTO SUB	8234	33kV & Below	-	-	10,232
SUN CITY SUB	8243	33kV & Below	-	3,371	3,371
TEMESCAL SUB	8250	33kV & Below	-	-	4,236
WILDE SUB	8267	33kV & Below	-	-	27,796
TENAJA SUBSTATION	8270	115kV	-	1,775,355	8,689,830
GALE SUB	8283	33kV & Below	-	-	3,630,063
FORGE SUB	8297	115kV	-	-	13,127
BUCKWIND	8301	115kV	-	4,640	752,388
CAPWIHND	8302	115kV	-	-	8,342
RENWIND	8303	115kV	-	15,102	832,521
SANWIND	8304	115kV	-	-	104,029
TRANSWIND	8305	115kV	-	25,366	799,240
VENWIND	8306	115kV	-	21,039	2,287,050
ALTWIND	8308	115kV	-	1,022	29,919
TERAWIND	8310	115kV	-	5,398	176,633
INDIGO SUBSTATION	8311	115kV	-	4,899	85,324
CALGEN	8312	115kV	532	1,600	12,970
MCGEN	8314	115kV	-	100,993	2,033,246
SEGS II	8320	115kV	-	-	17,519
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	668,136	10,651,191
ELSinORE	8343	115kV	20,961	267,730	11,540,757
SOUTH BASE SUB	8344	115kV	12,179	138,278	1,878,913
INDIAN WELLS SUB	8345	115kV	222,600	827,991	11,385,272
PECHANGA SUB	8347	115kV	560,579	844,656	10,579,688
MORAGA	8348	115kV	40,720	142,523	14,086,189
TANKER SUBSTATION	8351	115kV	120	4,440	696,181

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
PLUESS SUBSTATION	8353	115kV	-	-	151,193
AFG SUBSTATION	8354	115kV	-	78,655	1,076,360
RECTIFIER SUB	8357	115kV	-	5,170	1,089,069
MOUNTWIND SUBSTATION	8359	66kV	-	-	29,688
COSO SUB	8361	115kV	85,358	-	-
MOVAL SUBSTATION	8362	115kV	-	210,317	2,609,845
PHARMACY SUBSTATION	8509	66kV	-	-	43,289
PLASTER SUBSTATION	8558	66kV	4,671	-	-
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	556,936
TELCOMM-ALHAMBRA	9310	Misc	327,826	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-
KERN RIVER NO.1	2313	66kV	-	2,046	172,406
CUMMINGS SUB	5357	66kV	-	-	-
MONOLITH SUB	5358	66kV	-	-	103,399
ACTON SUB	5365	66kV	20,399	-	-
DEL SUR SUB	5508	66kV	-	-	24,331
GOLDTOWN SUB	5511	66kV	-	-	13,094
LANCASTER SUB	5514	66kV	-	-	32,329
LITTLE ROCK SUB	5518	66kV	-	-	796,524
SHUTTLE SUB	5522	66kV	-	-	220,658
REDMAN WUB	5530	66kV	-	-	318
ROSAMOND SUB	5541	66kV	-	-	-
PIUTE SUB	5545	66kV	-	-	-
OASIS SUB	5548	66kV	-	-	222,758
CAL CEMENT SUB	5553	66kV	-	2,096	-
PALMDALE SUB	5564	66kV	-	-	25,579
QUARTZ HILL SUB	5566	66kV	-	-	-
HELIJET SUB	5599	66kV	-	-	142,537
RITTER SUB	8504	66kV	591,013	-	-
BIG CREEK NO.1	2211	220kV	-	40,374	4,224,458
BIG CREEK NO.2	2212	220kV	-	-	-
BIG CREEK NO.8	2229	220kV	-	54,498	452,994
BIG CREEK NO.3	2230	220kV	-	6,081	1,443,457
BIG CREEK NO.2A	2234	220kV	-	-	-
BIG CREEK NO.4	2236	220kV	-	-	-
CONTROL STATION	2556	115kV	-	254,197	2,093,915
EAGLE ROCK SUB	5011	220kV	14,987	782,423	14,356,153
MESA SUB	5012	220kV	121,582	4,382,133	28,039,366
RIO HONDO SUB	5013	220kV	398,974	998,242	41,213,905
WALNUT SUB	5014	220kV	88,175	1,987,945	21,085,690
GOULD SUB	5015	220kV	15,371	285,169	10,060,218
LA FRESA SUB	5021	220kV	71,003	3,223,615	24,379,630
EL NIDO SUB	5023	220kV	231,277	2,687,826	17,898,149
LA CIENEGA SUB	5024	220kV	1,261,504	2,366,963	9,167,223

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
ALAMITOS SWITCHRACK SUB	5025	220kV	29,712	44,705	5,900,027
LG BCH SWITCHRACK SUB	5027 & 1088	220kV	38,426	523,139	2,109,812
REDONDO SWITCHRACK SUB	5028	220kV	4,074	8,031	1,746,134
MAGUNDEN SUB	5031	220kV	416	53,757	713,737
RECTOR SUB	5033	220kV	232,681	7,413,317	48,056,676
SPRINGVILLE SUB	5034	220kV	8,630	647,716	16,271,901
VESTAL SUB	5035	220kV	5,217	948,611	12,207,443
EAGLE MT. SUB	5040	220kV	-	227,402	6,663,594
CIMA SUB	5043	220kV	1,594	14,960	2,529,868
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	12,099	2,491,870
PARDEE SUB	5050	220kV	164,229	504,381	3,639,451
ANTELOPE SUB	5052	220kV	13	968	41,786
SANTA CLARA SUB	5053	220kV	96,498	919,286	29,451,608
GOLETA SUB	5055	220kV	197,089.66	751,526.88	15,700,574.87
MOORPARK SUB	5056	220kV	164,851	3,130,209	47,397,018
BAILEY SUB	5059	220kV	997	8,041	148,344
PADUA SUB	5060	220kV	115,779	1,649,045	28,977,609
CHINO SUB	5062	220kV	26,144	1,883,263	27,339,680
JULIAN HINDS SUB	5063	220kV	-	669	242,968
VISTA SUB	5064	220kV	41,541	6,377,638	48,580,175
DEVERS SUB	5067	500kV	36,753	1,074,510	14,965,938
MIRA LOMA SUB	5069	500kV	95,348	2,522,883	30,296,132
HINSON SUB	5071	220kV	518,637	431,251	16,963,897
LIGHTHIPE SUB	5073	220kV	106,644	5,552,275	21,504,783
LAGUNA BELL SUB	5074	220kV	94,780	1,061,338	28,673,593
DEL AMO SUB	5075	220kV	137,362	503,047	32,825,543
BARRE SUB	5081	220kV	70,308	1,137,844	35,870,746
VILLA PARK SUB	5082	220kV	208,060	2,299,949	23,295,442
VIEJO SUBSTATION	5083	220kV	11,398,879	7,260,129	24,258,271
CENTER SUB	5084	220kV	58,181	2,808,745	25,725,374
JOHANNA SUB	5085 & 5881	220kV	559,107	2,334,372	9,404,340
ELLIS SUB	5086	220kV	49,499	1,035,893	38,461,030
OLINDA SUB	5087	220kV	329,002	1,337,065	18,522,840
SANTIAGO SUB	5088	220kV	467,571	1,305,927	27,942,319
ETIWANDA SWITCHRACK SUB	5096	220kV	145,297	2,806,493	36,839,898
EL CASCO SUBSTATION	8006	220kV	-	28,045,651	37,365,432
MIRAGE(CEP) SUB	8012	220kV	461,506	2,940,241	21,688,344
TORTILLA(CEP) SUB	8037	115kV	14,885	82,477	5,728,682
VICTOR SUB	8049	220kV	3,257	179,081	9,245,378
CHEVMAIN	8063	220kV	-	193,841	11,780,253
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	3,015	39,352	2,563,639
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	20,226	287,627	11,028,803
Vincent	5054 & 8954	500kV	2,185	107,522	1,835,825
Valley & Valley - CEP	5070 & 8034	500kV	155,487	12,457,170	87,654,454
San Onofre Switchrack	8051-8055	220kV	-	1,467,933	7,912,469

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
San Bernardino-220kv Switchyard & 220	8076 & 1999	115kv	246,236	3,405,040	28,761,869
MIDWAY-VINCENT LINES 1&2	4026	500kv	-	-	-
DWP-EDSN CELILO-SYLMR LN	4031	750kv	-	-	-
DWP-EDSN CELILO-SYLMR LN	4034	750kv	-	-	-
PARDEE-SYLMAR LNES 1&2	4045	-	-	-	-
EAGLE ROCK-SYLMAR LNE	4046	220kv	-	-	-
PARDEE-VINCENT LINE CONST	4059	220kv	-	-	-
RIO HONDO-VINCENT LN 2	4070	220kv	-	-	-
MANY TRANSMISSION LINES	4101	220kv	39,955	7,663	2,713
COGEN/RENEWABLE ENERGY SO	4102	-	688,420	-	-
DEVERS-HINS LN, OTHERS	4104	-	77,821	-	-
33 AND 66 KV LINES	4105	66kv	28,200,445	185,162	955,468
COGEN/RENEW ENGY SOURCES	4106	-	561,818	-	-
ANTELOPE/MESA LINE, OTHER	4107	220kv	240,344	6,621	-
CHINO-SERRANO/SN ONFRE LN	4108	220kv	-	-	-
BIG CRK 3-BIG CRK 4	4111	220kv	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	220kv	8,344	-	-
ALAMITOS-MESA LN, OTHERS	4114	220kv	146,817	19,224	30,237
HINSON-LIGHTHIPE 1&2	4115	220kv	-	-	-
HINSON-LAFRESA, OTHERS	4116	220kv	(69)	0	-
ELDRDO-CIMA-PISGAH LN1,2	4117	220kv	(33)	0	-
MRA LMA-VLL PK LNS, OTHR	4118	220kv	400,370	9,919	167
CENTER-MESA LN, OTHERS	4119	220kv	305,947	10,475	15
ALAMITOS-CENTER, OTHERS	4120	220kv	574,772	40,131	455
BIG CREEK 4-SPRNGVLL-MGDN	4121	220kv	-	-	-
LUGO-VINCENT LNES 1&2	4123	500kv	-	-	-
BIG CRK 1-CMP TEN--PRTL	4124	-	485	-	-
GOLETA-SNTA CLARA, OTHERS	4125	220kv	2,921,737	445,173	491
NORTH BOULDER-MEAD, OTHER	4127	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	66kv	38,460	-	-
MOHAVE-LUGO 500KV	4130	500kv	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	-	14	-	-
BOREL-...-WALKER 66KV LN	4133	66kv	53,165	-	-
LUGO-VICTOR LNS, OTHER	4135	-	768,335	-	-
LUGO-ELDORADO LN	4136	500kv	-	-	-
LUGO-ELDORADO LN	4137	500kv	-	-	-
LUGO-MIRA LOMA 2&3	4138	500kv	(4,683)	-	-
SPRGVLL-TULE 66KV LN	4139	66kv	517	-	-
MOHAVE-LUGO 500 KV LN	4140	500kv	-	-	-
MOHAVE-ELDORADO LN	4141	500kv	-	-	-
BOREL-WELDON 66KV LN	4142	66kv	25,409	-	-
ELDORADO-BORDER 500 KV LN	4143	500kv	-	-	-
ELDORADO-MEAD LNS 1&2	4144	220kv	-	-	-
VINCENT-PARDEE LN 2	4147	220kv	(536)	-	-
MIRA LOMA-SERRANO LN	4148	500kv	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
SANTA ANA LNS 1,2,3	4149		232	-	-
VINCENT-PEARBLOSSOM LN	4153	220kV	309,032	-	-
LUGO-VICTORVLL EDSON-DWP	4154	500kV	-	-	-
MIDWAY-VINCENT LN 3	4155	500kV	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	220kV	(5,482)	-	-
RIO HONDO-VINCENT LN 2	4157	220kV	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158		498,252	-	-
BIG CRK 2-BIG CRK 8	4166	220kV	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	220kV	4,331	-	-
BIG CRK 1-RECTOR, OTHER	4169	220kV	112,633	-	85
DEVERS-PALO VERDE	4185	500kV	(12,537)	-	-
DEVERS-PALO VERDE	4186	500kV	(624)	-	-
DEVERS-VALLEY LNS 1,2	4187	500kV	-	-	-
SERRANO-VALLEY LN	4188	500kV	(2,813)	0	-
SERRANO-VILLA PK LN 1,2,3	4189	220kV	-	-	-
VARIOUS 66KV LINES	4200	66kV	-	465,310	-
E.MAGUNDEN-ANTELOPE 220KV	4207	220kV	-	25,798	-
ANTELOPE-MESA 220 KV LN	4307	220kV	-	23,142	-
EAGLE ROCK-MESA 220KV LN	4314	220kV	-	5,449	-
CENTER-MESA 220KV LN	4319	220kV	-	-	-
MESA-REDONDO 220KV LN	4414	220kV	-	-	-
CENTER MESA&OLINDA 220KV	4419	220kV	-	-	-
ETIWANDA-PADUA 220KV LN	4518	220kV	-	-	-
DESERT REGION 115KV LINES	4570	115kV	-	-	256,666
33&66KV LNS IN NRTHEN T/S	4605		-	235,738	-
MOORPARK-PARDEE 200KV LN	4625	115kV	-	7,825	-
EASTERN T/S REG	4700	Transmission Line	33,305	-	1,233
CORONA-JEFFERSON 66 KV LN	4705	66kV	148,884	2,017	-
LEE VINING-LUNDY 55K 4771	4730	55kV	10,585	-	-
BISHOP CRK55&115KV LINES	4735		138	-	-
115 KV LNS, ESTN T/S REG	4750	115kV	10,381,920	2,105	55,051
DEVERS-SN BRDNO 220 KV LN	4756	220kV	18	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	161kV	-	-	-
HOOVER-CLWTR 115 KV LN	4781	115kV	-	-	-
HOOVER-CLWTR 115 KV LN	4782	115kV	-	-	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 82,053,924	\$ 161,235,546	\$ 1,644,433,517

Recalc based on all other TS locations

Allocation % to use			34.40%	49.23%	49.10%
MOUNTAINVIEW POWER-COMMON	1250		-	-	11,581,897
PALOVERDE-SWITCHYARD	1869	500kV	-	1,213,771	3,879,328
SHAVER LAKE (FP 67)	2120	66kV	(92)	-	-
MET T/S REGION	4300	Transmission Line	-	64,662	7,215
COASTAL T/S REGION	4400	Transmission Line	1,076	-	6,070
EASTERN T/S REGION	4500	Transmission Line	-	20,421	10,633

TS by Location

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
NRTHN T/S REGION	4600	Transmission Line	-	52,488	10,563
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	1,008	15,769	1,782
S/E DIV., 66KV LINES	4805	66kV	-	58,337	-
SUBSTN DIV	5000	Misc	-	-	1,605,629
NO. T/S REG OFC/VALENCIA	5038	Misc	42,426	1,828,112	-
METRO REGION	5100		-	-	305,392
NEENACH SUB	5556	66kV	-	-	11,250
CATALINA SERVICE CENTER	6061	CSTMR SRVC FAC.	15,153	-	-
BARSTOW NO RGN-SAN BERDOO	6072	CSTMR SRVC FAC.	-	3,750	-
VENTURA COUNTY	7056		-	-	36,725
B&A-T/S 3RD FLOOR-GO3	9010	Misc	-	-	11,409
CHINO OFC BLDG (FACILITY)	9024		-	183,902	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	16,166,078
FUELS	9203	Misc	-	-	167,864
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	-	1,458,238
Total Locations Reclac'd			\$ 59,571	\$ 3,441,213	\$ 35,260,074

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011**

\$

OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL	
1000kV TRANSMISSION LINES														
CEILO-SYLMAR HV DC - CALIF.	4031	336.18	336.18	0	95,841	0	27,220,053	0	14,611,108	0	0	136,841	42,063,842	
CEILO-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 CEILO-SYLMAR		625.90	625.90	0	96,382	0	34,918,660	0	20,242,535	0	0	805,712	56,063,288	
TOTAL 1000kV T/L'S		625.90	625.90	0	96,382	0	34,918,660	0	20,242,535	0	0	805,712	56,063,288	
500kV TRANSMISSION LINES														
DEVERS-PALO VERDE - CALIF.	4185	126.45	126.45	12,546,476	0	0	28,772,328	805	21,381,649	0	1,151,660	453,081	64,305,999	
DEVERS-PALO VERDE - ARIZONA	4186	112.05	112.05	1,194,335	0	0	17,297,411	0	25,189,675	0	0	147,245	43,828,665	
TOTAL DEVERS-PALO VERDE		238.50	238.50	13,740,810	0	0	46,069,739	805	46,571,324	0	1,151,660	600,326	108,134,664	
DEVERS-VALLEY	4187	41.60	41.60	10,444,073	0	0	21,195,906	0	11,949,087	0	0	4,790,336	48,379,402	
ELDORADO-LUGO - CALIF.	4136	150.67	150.67	1,330,373	0	0	12,189,960	0	10,420,732	0	0	117,747	24,058,812	
ELDORADO-LUGO - NEVADA	4137	26.51	26.51	16,589	0	0	2,027,936	0	1,784,137	0	0	20,088	3,848,751	
TOTAL ELDORADO-LUGO		177.18	177.18	1,346,962	0	0	14,217,897	0	12,204,869	0	0	137,835	27,907,563	
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-MOHAVE	4141	59.39	59.39	76,199	0	0	1,155,538	0	1,251,359	0	0	55,916	2,539,013	
LAUGHLIN-MOHAVE (SCE PORTION)	N/A	0.22											N/A	
LUGO-MOHAVE - NEVADA	4130	9.85	9.85	157,990	0	0	420,632	0	517,455	0	0	19,051	1,115,128	
LUGO-MOHAVE - CALIF.	4140	165.96	165.96	278,112	0	0	12,178,545	1,375,948	9,649,510	0	0	329,333	23,811,447	
TOTAL LUGO-MOHAVE		175.81	175.81	436,101	0	0	12,599,178	1,375,948	10,166,965	0	0	348,384	24,926,575	
LUGO-MIRA LOMA No.2	4138	30.59	96.51	3,044,536	0	31	8,352,557	37,477	5,848,513	0	0	200,592	17,483,706	
LUGO-MIRA LOMA No. 3	4138	31.42	96.51	3,127,506	0	32	8,580,180	38,499	6,007,896	0	0	206,058	17,960,170	
LUGO-RANCHO VISTA	4138	26.97	96.51	2,684,780	0	27	7,365,580	33,049	5,157,425	0	0	176,889	15,417,750	
MIRA LOMA-RANCHO VISTA	4138	7.52	96.51	748,566	0	8	2,053,659	9,215	1,437,985	0	0	49,320	4,298,753	
TOTAL LUGO-MIRA LOMA		96.51	96.51	9,605,387	0	98	26,351,975	118,240	18,451,820	0	0	632,859	55,160,380	
LUGO-VICTORVILLE (SCE PORTION)	4154	7.57	7.57	751,549	0	0	1,157,577	0	759,625	0	0	0	2,668,751	
LUGO-VINCENT No. 1	4123	47.16	94.39	866,927	0	8,311	3,876,289	0	3,569,521	0	0	945	8,321,994	
LUGO-VINCENT No. 2	4123	47.22	94.39	867,994	0	8,322	3,881,056	0	3,573,911	0	0	946	8,332,228	
MIDWAY-VINCENT No. 1	4026	112.70	225.49	1,454,773	0	13,546	9,645,438	42,661	11,465,681	0	0	397,593	23,019,693	
MIDWAY-VINCENT No. 2	4026	112.80	225.49	1,456,049	0	13,558	9,653,903	42,698	11,475,743	0	0	397,942	23,039,894	
MIDWAY-VINCENT No. 3 (SCE PORTION)	4155	52.62	52.62	2,956,983	0	0	7,540,671	0	4,581,493	0	0	187,772	15,266,920	
MIRA LOMA-SERRANO No. 1 & 2	4148	28.75	28.75	1,696,736	0	0	18,384,826	0	7,820,475	0	0	252,983	28,155,020	
SERRANO-VALLEY	4188	40.52	40.52	2,858,639	8,043	0	22,909,118	515,653	14,833,343	0	0	2,448,260	43,573,057	
MIRA LOMA SUBSTATION	5069			Refer Substation Study	Refer Substation Study	Refer Substation Study	0	98,999	43,265	0	0	0	142,264	
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	

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	A C C O U N T N O.										TOTAL	
				350	352	353	354	355	356	357	358	359			
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				1,268.80	1,587.86	48,565,351	8,043	43,836	203,732,583	2,198,575	160,960,854	0	1,151,660	12,726,232	429,387,134
220kV TRANSMISSION LINES															
ANTELOPE WINDHUB (\$56M)	4708	25.70	25.70	0	0	0	13,746,933	30,818,084	19,251,107	0	0	0	63,816,124		
ANTELOPE-PARDEE (\$132M) <i>Built as 500kV energized as 220</i>	4644	26.39	26.39	0	0	0	27,679,226	2,721,999	13,931,304	0	0	89,385,747	133,718,276		
ALAMITOS-BARRE NO. 1	4120	15.35	124.67	525,751	36,708	416	748,381	108,427	694,196	32	0	4,115	2,118,025		
ALAMITOS-BARRE No. 2	4120	15.40	124.67	527,460	36,827	417	750,814	108,779	696,453	32	0	4,128	2,124,910		
ALAMITOS-CENTER	4120	11.47	124.67	392,854	27,429	311	559,209	81,019	518,721	24	0	3,075	1,582,641		
ALAMITOS-LIGHTHIPE	4120	11.84	124.67	405,469	28,310	321	577,165	83,621	535,377	24	0	3,173	1,633,461		
ANTELOPE-VINCENT No. 1&2 (\$88M)	4712	21.52	21.52	0	0	0	90,778,825	0	9,514,635	0	0	0	100,293,460		
ANTELOPE-MAGUNDEN No. 1	4107	59.25	270.79	577,577	71,436	0	1,944,874	0	1,490,900	0	0	183,022	4,267,809		
ANTELOPE-MAGUNDEN No. 2	4107	59.27	270.79	577,747	71,457	0	1,945,445	0	1,491,338	0	0	183,075	4,269,062		
ANTELOPE-MESA (DISCONNECTED)	4107	60.44	270.79	589,205	72,874	0	1,984,026	0	1,520,914	0	0	186,706	4,353,726		
BAILEY-PARDEE	4101	26.90	354.28	110,762	21,122	7,477	1,693,233	104,939	2,311,537	0	0	88,632	4,337,701		
BAILEY-PASTORIA	4101	12.40	354.28	51,048	9,735	3,446	780,383	48,364	1,065,349	0	0	40,849	1,999,174		
BARRE-ELLIS	4120	12.73	124.67	435,922	30,436	345	620,514	89,901	575,587	26	0	3,412	1,756,144		
BARRE-LEWIS	4118	5.02	155.75	177,668	4,223	71	562,343	7,703	455,339	0	0	5,929	1,213,276		
BARRE-VILLA PARK	4118	8.99	155.75	318,544	7,571	127	1,008,235	13,811	816,386	0	0	10,630	2,175,304		
BIG CREEK 1-BIG CREEK 2	4169	4.49	297.62	53,819	0	41	131,703	6,015	91,565	0	0	1,602	284,745		
BIG CREEK 1-RECTOR	4169	74.35	297.62	890,673	0	675	2,179,607	99,536	1,515,341	0	0	26,518	4,712,350		
BIG CREEK 2-BIG CREEK 3	4169	7.41	297.62	88,737	0	67	217,153	9,917	150,972	0	0	2,642	469,488		
BIG CREEK 2-BIG CREEK 8	4166	1.70	9.03	1,705	0	0	30,963	0	25,750	0	0	0	58,418		
BIG CREEK 3-BIG CREEK 4	4111	5.79	5.79	1,944	0	0	133,734	0	155,710	0	0	29,429	320,815		
BIG CREEK 3-BIG CREEK 8	4166	7.32	9.03	7,329	0	0	133,088	0	110,681	0	0	0	251,097		
BIG CREEK 3-RECTOR	4169	64.34	297.62	770,714	0	584	1,886,049	86,130	1,311,249	0	0	22,946	4,077,672		
BIG CREEK 3-SPRINGVILLE	4113	76.70	129.55	517,949	0	0	1,090,071	122,064	1,273,128	0	0	373,581	3,376,793		
BIG CREEK 4-SPRINGVILLE	4121	83.52	135.41	218,296	0	0	1,234,281	114,861	1,265,884	0	0	88,630	2,921,952		
CENTER-DEL AMO	4120	6.19	124.67	211,895	14,795	168	301,622	43,700	279,784	13	0	1,658	853,635		
CENTER-MESA	4119	12.46	137.65	190,094	6,505	9	717,768	7,711	1,344,075	0	0	4,747	2,270,910		
CENTER-OLINDA	4119	18.77	137.65	286,405	9,801	14	1,081,421	11,618	2,025,044	0	0	7,151	3,421,454		
CHEVMAIN-EL NIDO	4116	1.25	90.45	49,024	2,385	28	44,331	139,672	93,418	0	0	185	329,043		
CHEVMAIN-EL NIDO	4116	0.48	0.95	18,731	911	11	0	0	0	90,294	228,414	71	338,432		
TOTAL CHEVMAIN-EL NIDO				1.72	91.41	67,755	3,297	39	44,331	139,672	93,418	90,294	228,414	256	667,475

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.		ACCOUNT NO.								
CIRCUIT NAME		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL
CHEVMAIN-EL SEGUNDO		4116	1.78	90.45	69,906	3,402	40	63,214	199,166	133,209	0	0	264	469,201
CHINO-MIRA LOMA No.1		4117	9.30	305.18	30,630	216	392	467,081	21,125	603,741	0	0	4,605	1,127,791
CHINO-MIRA LOMA No. 2		4118	6.68	155.75	236,809	5,628	95	749,533	10,267	606,911	0	0	7,903	1,617,145
CHINO-MIRA LOMA No. 3		4118	6.79	155.75	240,571	5,718	96	761,440	10,430	616,552	0	0	8,028	1,642,836
CHINO-SERRANO		4108	24.84	169.20	1,184,402	445,660	0	2,072,083	228,788	2,077,388	16	0	66,668	6,075,005
CHINO-VIEJO		4108	25.41	169.20	1,211,660	455,917	0	2,119,771	234,054	2,125,198	16	0	68,202	6,214,817
CIMA-ELDORADO-PISGAH No. 1 - CALIF.		4117	82.42	305.18	271,546	1,913	3,472	4,140,796	187,281	5,352,320	0	0	40,822	9,998,150
CIMA-ELDORADO-PISGAH No. 1 - NEVADA		4127	26.92	85.09	6,279	0	0	204,931	0	173,969	0	0	1,647	386,825
TOTAL CIMA-ELDORADO-PISGAH No.1			109.34	390.27	277,824	1,913	3,472	4,345,727	187,281	5,526,288	0	0	42,470	10,384,975
CIMA-ELDORADO-PISGAH No. 2 - CALIF.		4117	82.68	305.18	272,413	1,919	3,483	4,154,029	187,880	5,369,425	0	0	40,953	10,030,103
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	278,716	1,919	3,483	4,359,756	187,880	5,544,069	0	0	42,606	10,418,430
COACHELLA VALLEY-DEVERS		4109	0.38	0.38										N/A
DEL AMO-ELLIS		4120	22.50	124.67	770,517	53,798	610	1,096,794	158,906	1,017,384	46	0	6,030	3,104,084
DEL AMO-HINSON		4115	6.04	27.07	358,848	118,714	480	803,685	88,115	468,090	0	0	6,122	1,844,053
DEL AMO-HINSON		4120	6.22	124.67	212,933	14,867	169	303,100	43,914	281,155	13	0	1,666	857,816
TOTAL DEL AMO-HINSON			12.26	151.74	571,780	133,581	648	1,106,784	132,029	749,244	13	0	7,789	2,701,869
DEL AMO-LAGUNA BELL		4114	7.00	129.55	173,365	29,132	35,702	730,732	7,987	522,813	0	0	16,425	1,516,156
DEL AMO-LAGUNA BELL		4120	6.21	124.67	212,673	14,849	168	302,729	43,860	280,811	13	0	1,664	856,767
TOTAL DEL AMO-LAGUNA BELL			13.20	254.23	386,038	43,981	35,871	1,033,461	51,847	803,623	13	0	18,089	2,372,923
DEVERS-MIRAGE		4104	15.23	143.65	141,117	0	0	616,500	18,672	332,151	0	0	24,421	1,132,861
DEVERS-SAN BERNARDINO No.1		4104	43.27	143.65	400,921	0	0	1,751,511	53,047	943,659	0	0	69,382	3,218,521
DEVERS-EL CASCO		4104	2.32	143.65	21,520	0	0	94,015	2,847	50,653	0	0	3,724	172,760
DEVERS-EL CASCO		4756	27.23	120.31	244,326	0	0	1,574,903	128,588	1,042,079	0	0	26,995	3,016,892
TOTAL DEVERS-EL CASCO			29.55	263.95	265,846	0	0	1,668,919	131,436	1,092,732	0	0	30,719	3,189,651
EL CASCO-SAN BERNARDINO		4104	1.09	143.65	10,072	0	0	44,001	1,333	23,706	0	0	1,743	80,855
EL CASCO-SAN BERNARDINO		4756	12.74	120.31	114,349	0	0	737,087	60,182	487,714	0	0	12,634	1,411,967
TOTAL EL CASCO-SAN BERNARDINO			13.83	263.95	124,421	0	0	781,088	61,515	511,421	0	0	14,377	1,492,822
DEVERS-VISTA No. 1		4104	4.99	143.65	46,208	0	0	201,868	6,114	108,760	0	0	7,997	370,946
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	263.95	407,824	0	0	2,532,817	196,432	1,651,098	0	0	47,951	4,836,122
DEVERS-VISTA No. 2		4104	4.99	143.65	46,194	0	0	201,807	6,112	108,727	0	0	7,994	370,834
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	263.95	405,462	0	0	2,517,619	195,194	1,641,049	0	0	47,689	4,807,013
EAGLE ROCK-MESA		4101	2.54	354.28	10,438	1,990	705	159,565	9,889	217,832	0	0	8,352	408,771
EAGLE ROCK-MESA		4114	22.06	129.55	546,716	91,870	112,590	2,304,401	25,189	1,648,718	0	0	51,796	4,781,280
TOTAL EAGLE ROCK-MESA			24.60	483.83	557,154	93,861	113,294	2,463,966	35,078	1,866,550	0	0	60,148	5,190,051
EAGLE ROCK-PARDEE		4101	46.66	354.28	192,125	36,638	12,970	2,937,053	182,025	4,009,553	0	0	153,739	7,524,102
EAGLE ROCK-PARDEE		4114	4.60	129.55	114,049	19,165	23,487	480,716	5,255	343,936	0	0	10,805	997,413
TOTAL EAGLE ROCK-PARDEE			51.26	483.83	306,175	55,803	36,457	3,417,769	187,279	4,353,489	0	0	164,544	8,521,515
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	97,496	18,592	6,582	1,490,437	92,370	2,034,689	0	0	78,016	3,818,183
TOTAL EAGLE ROCK-SYLMAR			25.47	356.07	284,153	18,592	6,582	1,704,846	92,370	2,096,797	0	0	78,016	4,281,357
EL NIDO-EL SEGUNDO		4116	2.90	90.45	114,050	5,550	66	103,131	324,934	217,327	0	0	430	765,488
EL NIDO-EL SEGUNDO		4116	0.48	0.95	18,731	911	11	0	0	0	90,294	228,414	71	338,432

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.												
CIRCUIT NAME		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL			
TOTAL EL NIDO-EL SEGUNDO			3.38	91.41	132,781	6,461	76	103,131	324,934	217,327	90,294	228,414	501	1,103,920			
EL NIDO-LA CIENEGA	4116	8.70	90.45	342,173	16,650	197	309,416	974,869	652,027	0	0	1,291	2,296,621				
EL NIDO-LA FRESA No. 3	4116	3.87	90.45	152,200	7,406	87	137,630	433,626	290,024	0	0	574	1,021,548				
EL NIDO-LA FRESA No. 4	4116	4.00	90.45	157,159	7,647	90	142,114	447,755	299,474	0	0	593	1,054,832				
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	4102	0.30	8.43	52,682	0	0	74,924	17,984	49,986	0	0	0	195,576				
ELLIS-JOHANNA	4156	6.40	29.49	2,608,028	0	0	490,731	1,404,683	644,417	0	0	8,298	5,156,158				
ELLIS-SANTIAGO	4156	14.76	29.49	6,016,355	0	0	1,132,048	3,240,408	1,486,580	0	0	19,143	11,894,534				
ETIWANDA-RANCHO VISTA No1	4119	0.46															
MIRA LOMA-RANCHO VISTA No.1 & 2	4118	6.89															
ETIWANDA-MIRA LOMA	4119	6.81	137.65	103,837	3,554	5	392,073	4,212	734,187	0	0	2,593	1,240,461				
ETIWANDA-RANCHO VISTA No2	4118	0.46															
PADUA-RANCHO VISTA No.1 & 2	4117	14.54															
ETIWANDA-PADUA	4118	15.05	155.75	533,145	12,671	213	1,687,478	23,115	1,366,382	0	0	17,792	3,640,796				
ETIWANDA-SAN BERNARDINO	4104	8.30	143.65	76,917	0	0	336,028	10,177	181,041	0	0	13,311	617,474				
ETIWANDA-SAN BERNARDINO	4118	25.53	155.75	904,368	21,494	361	2,862,452	39,210	2,317,779	0	0	30,180	6,175,845				
TOTAL ETIWANDA-SAN BERNARDINO		33.83	299.40	981,285	21,494	361	3,198,480	49,388	2,498,821	0	0	43,491	6,793,320				
ETIWANDA-VISTA	4118	15.32	155.75	542,788	12,900	217	1,717,998	23,533	1,391,094	0	0	18,114	3,706,644				
GOLETA-SANTA CLARA No. 1	4125	49.40	414.75	1,359,467	210,778	228	3,728,028	58,611	1,644,289	0	0	212,134	7,213,536				
GOLETA-SANTA CLARA No. 2	4125	49.39	414.75	1,359,392	210,766	228	3,727,824	58,608	1,644,200	0	0	212,123	7,213,142				
GOODRICH-GOULD	4114	8.67	129.55	214,967	36,123	44,270	906,082	9,904	648,269	0	0	20,366	1,879,981				
GOODRICH-LAGUNA BELL	4114	13.91	129.55	344,775	57,936	71,002	1,453,222	15,885	1,039,729	0	0	32,664	3,015,212				
GOULD-SYLMAR	4101	27.42	354.28	112,902	21,530	7,622	1,725,958	106,967	2,356,212	0	0	90,344	4,421,536				
HARBORGEN-HINSON	4102	3.02	8.43	524,683	0	0	746,197	179,110	497,826	0	0	0	1,947,816				
HARBORGEN-LONG BEACH	4102	1.15	8.43	200,342	0	0	284,924	68,391	190,087	0	0	0	743,744				
HINSON-LA FRESA	4115	5.23	27.07	310,673	102,777	415	695,791	76,286	405,249	0	0	5,300	1,596,491				
HINSON-LA FRESA	4116	8.83	90.45	347,195	16,894	199	313,957	989,176	661,596	0	0	1,310	2,330,328				
TOTAL HINSON-LA FRESA		14.06	117.52	657,868	119,671	615	1,009,748	1,065,462	1,066,845	0	0	6,610	3,926,819				
HINSON-LIGHTHIPE	4115	6.35	27.07	377,200	124,785	504	844,786	92,622	492,029	0	0	6,435	1,938,361				
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	3,400,907	0	0	639,921	1,831,728	840,329	0	0	10,821	6,723,706				
JULIAN HINDS-MIRAGE	4104	46.82	143.65	433,784	0	0	1,895,078	57,396	1,021,009	0	0	75,069	3,482,336				
KRAMER-LUGO No. 1	4135	47.86	206.15	414,169	0	0	2,135,369	558,700	1,552,239	0	0	22,703	4,683,180				
KRAMER-LUGO No. 2	4135	47.86	206.15	414,104	0	0	2,135,034	558,613	1,551,996	0	0	22,699	4,682,446				
LA CIENEGA-LA FRESA	4116	11.89	90.45	467,486	22,747	269	422,732	1,331,891	890,816	0	0	1,763	3,137,705				

OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.											
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL		
LA FRESA-LAGUNA BELL	4114	7.10	129.55	175,940	29,565	36,233	741,585	8,106	530,578	0	0	16,669	1,538,674		
LA FRESA-LAGUNA BELL	4116	9.76	90.45	383,737	18,672	220	347,001	1,093,286	731,228	0	0	1,447	2,575,592		
TOTAL LA FRESA-LAGUNA BELL		16.86	220.01	559,677	48,237	36,453	1,088,585	1,101,392	1,261,806	0	0	18,116	4,114,267		
LA FRESA-REDONDO No. 1	4116	4.53	90.45	178,108	8,667	102	161,057	507,439	339,393	0	0	672	1,195,439		
LA FRESA-REDONDO No. 2	4116	4.53	90.45	178,128	8,668	102	161,075	507,495	339,431	0	0	672	1,195,571		
LAGUNA BELL-RIO HONDO	4114	16.04	129.55	397,593	66,812	81,879	1,675,848	18,318	1,199,010	0	0	37,668	3,477,129		
LAGUNA BELL-VELASCO	4114	2.49	129.55	61,762	10,378	12,719	260,325	2,846	186,253	0	0	5,851	540,134		
LEWIS-SERRANO No.1	4118	7.32	155.75	259,222	6,161	104	820,473	11,239	664,352	0	0	8,651	1,770,202		
LEWIS-SERRANO No. 2	4118	7.30	155.75	258,510	6,144	103	818,220	11,208	662,527	0	0	8,627	1,765,339		
LEWIS-VILLA PARK	4118	4.02	155.75	142,243	3,381	57	450,220	6,167	364,551	0	0	4,747	971,366		
LIGHTHIPE-LONG BEACH	4115	9.44	27.07	560,304	185,360	749	1,254,873	137,583	730,875	0	0	9,559	2,879,304		
LIGHTHIPE-MESA	4114	12.18	129.55	301,813	50,717	62,155	1,272,137	13,905	910,169	0	0	28,594	2,639,489		
LIGHTHIPE-REDONDO	4116	14.21	90.45	558,967	27,199	321	505,455	1,592,524	1,065,136	0	0	2,108	3,751,710		
LUGO-PISGAH No. 1	4117	65.66	305.18	216,333	1,524	2,766	3,298,866	149,202	4,264,057	0	0	32,522	7,965,271		
LUGO-PISGAH No. 2	4117	65.13	305.18	214,586	1,512	2,744	3,272,218	147,997	4,229,612	0	0	32,259	7,900,928		
LUGO-VICTOR No. 1	4135	10.84	206.15	93,836	0	0	483,797	126,581	351,681	0	0	5,144	1,061,038		
LUGO-VICTOR No. 2	4135	10.86	206.15	93,930	0	0	484,283	126,708	352,034	0	0	5,149	1,062,104		
MAGUNDEN-PASTORIA No. 1	4101	29.86	354.28	122,945	23,445	8,300	1,879,474	116,481	2,565,787	0	0	98,380	4,814,811		
MAGUNDEN-PASTORIA No. 2	4101	29.86	354.28	122,945	23,445	8,300	1,879,474	116,481	2,565,787	0	0	98,380	4,814,811		
MAGUNDEN-PASTORIA No. 3	4101	29.87	354.28	123,001	23,456	8,303	1,880,330	116,534	2,566,955	0	0	98,425	4,817,004		
MAGUNDEN-SPRINGVILLE No. 1	4113	51.62	129.55	348,578	0	0	733,614	82,148	856,811	0	0	251,419	2,272,570		
MAGUNDEN-SPRINGVILLE No. 2	4121	51.89	135.41	135,633	0	0	766,890	71,366	786,525	0	0	55,068	1,815,481		
MAGUNDEN-VESTAL No. 1	4169	35.61	297.62	426,609	0	323	1,043,974	47,675	725,808	0	0	12,701	2,257,092		
MAGUNDEN-VESTAL No. 2	4169	35.62	297.62	426,668	0	323	1,044,118	47,682	725,908	0	0	12,703	2,257,402		
MESA-REDONDO	4114	12.09	129.55	299,612	50,347	61,702	1,262,861	13,804	903,533	0	0	28,385	2,620,244		
MESA-REDONDO	4116	14.22	90.45	559,026	27,202	321	505,508	1,592,692	1,065,249	0	0	2,108	3,752,106		
TOTAL MESA-REDONDO		26.31	220.01	858,638	77,549	62,023	1,768,369	1,606,496	1,968,781	0	0	30,494	6,372,350		
MESA-RIO HONDO	4107	10.93	270.79	106,537	13,177	0	358,741	0	275,003	0	0	33,759	787,217		
MESA-VINCENT	4107	18.81	270.79	183,396	22,683	0	617,548	0	473,400	0	0	58,114	1,355,140		
MESA-VINCENT	4114	17.48	129.55	433,170	72,790	89,206	1,825,805	19,957	1,306,299	0	0	41,039	3,788,266		
TOTAL MESA-VINCENT		36.29	400.34	616,566	95,473	89,206	2,443,353	19,957	1,779,699	0	0	99,153	5,143,407		
MESA-WALNUT	4119	13.73	137.65	209,506	7,170	10	791,064	8,498	1,481,328	0	0	5,231	2,502,808		
MIRA LOMA-OLINDA	4119	24.97	137.65	380,939	13,037	18	1,438,369	15,453	2,693,458	0	0	9,512	4,550,785		
MIRA LOMA-PADUA	4118	14.78	155.75	523,506	12,442	209	1,656,969	22,697	1,341,678	0	0	17,470	3,574,972		
MIRA LOMA-PADUA	4119	6.77	137.65	103,242	3,533	5	389,827	4,188	729,981	0	0	2,578	1,233,353		
TOTAL MIRA LOMA-PADUA		21.55	293.40	626,748	15,975	214	2,046,796	26,885	2,071,659	0	0	20,048	4,808,326		
MIRA LOMA-VISTA No. 1	4118	15.63	155.75	553,670	13,159	221	1,752,442	24,005	1,418,984	0	0	18,477	3,780,959		
MIRA LOMA-VISTA No. 2	4118	15.47	155.75	547,991	13,024	219	1,734,469	23,759	1,404,431	0	0	18,287	3,742,181		

CIRCUIT NAME	OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										TOTAL
		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359		
MIRA LOMA-WALNUT		4119	27.65	137.65	421,834	14,436	20	1,592,784	17,111	2,982,611	0	0	10,533	5,039,330	
MIRAGE-RAMON (SCE PORTION)		N/A	N/A											N/A	
MOORPARK-PARDEE No. 1		4125	25.96	414.75	714,390	110,762	120	1,959,053	30,800	864,063	0	0	111,475	3,790,663	
MOORPARK-PARDEE No. 2		4125	25.99	414.75	715,318	110,906	120	1,961,596	30,840	865,184	0	0	111,620	3,795,584	
MOORPARK-PARDEE No. 3		4125	26.00	414.75	715,453	110,927	120	1,961,966	30,846	865,347	0	0	111,641	3,796,300	
MOORPARK-SANTA CLARA No. 1		4125	25.57	414.75	703,712	109,107	118	1,929,769	30,339	851,147	0	0	109,809	3,734,001	
MOORPARK-SANTA CLARA No. 2		4125	25.69	414.75	706,987	109,614	119	1,938,751	30,481	855,108	0	0	110,320	3,751,379	
OLINDA-WALNUT		4119	6.41	137.65	97,849	3,349	5	369,465	3,969	691,852	0	0	2,443	1,168,932	
PARDEE-PASTORIA		4101	38.77	354.28	159,626	30,440	10,776	2,440,224	151,233	3,331,301	0	0	127,732	6,251,332	
PARDEE-PASTORIA-WARNE		4101	38.46	354.28	158,359	30,199	10,690	2,420,868	150,034	3,304,877	0	0	126,719	6,201,747	
PARDEE-SANTA CLARA		4125	40.31	414.75	1,109,414	172,008	186	3,042,316	47,831	1,341,848	0	0	173,116	5,886,719	
PARDEE-SYLMAR No. 1		4045	6.50	13.00	89,553	0	0	350,752	0	226,563	0	0	19,000	685,868	
PARDEE-SYLMAR No. 1		4101	4.99	354.28	20,528	3,915	1,386	313,817	19,449	428,412	0	0	16,427	803,933	
TOTAL PARDEE-SYLMAR No. 1			11.48	367.28	110,081	3,915	1,386	664,570	19,449	654,974	0	0	35,427	1,489,801	
PARDEE-SYLMAR No. 2		4045	6.50	13.00	89,579	0	0	350,855	0	226,629	0	0	19,006	686,068	
PARDEE-SYLMAR No. 2		4101	4.99	354.28	20,547	3,918	1,387	314,107	19,467	428,807	0	0	16,442	804,675	
TOTAL PARDEE-SYLMAR No. 2			11.49	367.28	110,126	3,918	1,387	664,962	19,467	655,436	0	0	35,447	1,490,743	
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	115,279	21,984	7,782	1,762,296	109,219	2,405,820	0	0	92,247	4,514,626	
PARDEE-VINCENT (IDLE)		4101	0.14	354.28	562	107	38	8,586	532	11,721	0	0	449	21,995	
TOTAL PARDEE-VINCENT			35.49	361.63	115,841	22,091	7,820	2,087,238	109,751	2,622,418	0	0	238,013	5,203,172	
RECTOR-VESTAL No. 1		4169	33.20	297.62	397,771	0	301	973,403	44,452	676,745	0	0	11,843	2,104,515	
RECTOR-VESTAL No. 2		4169	33.20	297.62	397,758	0	301	973,370	44,451	676,722	0	0	11,842	2,104,445	
RIO HONDO-VINCENT No. 1		4107	32.36	270.79	315,472	39,018	0	1,062,289	0	814,329	0	0	99,966	2,331,074	
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	49,079	6,070	0	165,264	0	126,688	0	0	15,552	362,654	
RIO HONDO-VINCENT No. 2		4157	20.57	20.57	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	215,725	24,681	0	2,504,809	0	3,943,620	0	0	564,471	7,253,305	
SAN BERNARDINO-VISTA		4104	8.25	143.65	76,397	0	0	333,757	10,108	179,818	0	0	13,221	613,302	
SAN BERNARDINO-VISTA (IDLE)		4104	0.04	0.04	385	0	0	0	0	0	1,480	260,160	67	262,091	
TOTAL SAN BERNARDINO-VISTA			8.29	143.69	76,782	0	0	333,757	10,108	179,818	1,480	260,160	13,288	875,393	
SAN ONOFRE-SANTIAGO No. 1		4108	28.36	169.20	1,352,307	508,838	0	2,365,829	261,222	2,371,885	18	0	76,119	6,936,218	
SAN ONOFRE-SANTIAGO No. 2		4108	28.36	169.20	1,352,183	508,792	0	2,365,612	261,198	2,371,668	18	0	76,112	6,935,582	
SAN ONOFRE-SERRANO		4108	40.35	169.20	1,924,007	723,954	0	3,366,004	371,656	3,374,621	25	0	108,298	9,868,567	
SAN ONOFRE-VIEJO		4108	21.88	169.20	1,043,431	392,616	0	1,825,457	201,557	1,830,130	14	0	58,733	5,351,937	
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	171,904	186	3,040,474	47,802	1,341,036	0	0	173,011	5,883,156	
SANTA CLARA-VINCENT		4147	27.48	27.48	3,855,188	0	1,880	2,767,070	0	1,983,887	0	0	145,187	8,753,211	
TOTAL SANTA CLARA-VINCENT			70.51	444.97	4,976,932	171,904	2,066	6,141,208	47,802	3,527,266	0	0	339,150	15,206,328	
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	

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.	A C C O U N T N O.											TOTAL
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359				
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			
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				3,236.38	26,314.63	65,722,570	6,610,779	754,805	305,979,338	58,857,689	206,358,826	182,398	716,988	96,034,585	741,217,978	
<u>161kV TRANSMISSION LINES</u>																
EAGLE MOUNTAIN-BLYTHE	4759	53.02	53.02	33,310	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	
<u>115kV TRANSMISSION LINES</u>																
CONTROL-HAIWEE-INYOKERN No. 1	4750	125.62	1,640.72	1,076,543	218	32,293	298,905	6,795,737	3,841,057	0	0	140,664	12,185,418			
CONTROL-HAIWEE-INYOKERN No. 2	4750	125.59	1,640.72	1,076,267	218	32,285	298,828	6,793,994	3,840,072	0	0	140,628	12,182,293			
CONTROL-INYO (DWP)	4750	2.86	1,640.72	24,541	5	736	6,814	154,913	87,559	0	0	3,207	277,775			
COOLWATER-SEGS 2-TORTILLA	4750	11.26	1,640.72	96,521	20	2,895	26,799	609,295	344,383	0	0	12,612	1,092,525			
ELDORADO-BAKER-CLWTR-DUNN-MT.PASS	4781	29.02	29.02	1,277	0	0	98,307	43,204	94,968	0	0	1,376	239,133			
ELDORADO-BAKER-CLWTR-DUNN-MT.PASS	4782	100.80	100.80	165,196	0	0	327,795	91,898	580,045	0	0	21,669	1,186,603			
TOTAL ELDO-BAK-CLWTR-DUNN-MT.PASS				129.82	129.82	166,474	0	0	426,102	135,102	675,012	0	0	23,046	1,425,735	
KRAMER-COOL WATER	4750	44.32	1,640.72	379,787	77	11,393	105,449	2,397,428	1,355,064	0	0	49,624	4,298,822			
KRAMER-INYOKERN-RANDBURG No. 1	4750	48.34	1,640.72	414,228	84	12,426	115,011	2,614,838	1,477,947	0	0	54,124	4,688,659			
KRAMER-INYOKERN-RANDBURG No. 3	4135	49.41	206.15	427,516	0	0	2,204,186	576,706	1,602,264	0	0	23,434	4,834,107			
KRAMER-ROADWAY-VICTOR	4750	34.50	1,640.72	295,663	60	8,869	82,091	1,866,386	1,054,911	0	0	38,632	3,346,613			
KRAMER-TORTILLA	4750	31.95	1,640.72	273,769	55	8,212	76,013	1,728,179	976,794	0	0	35,771	3,098,793			
KRAMER-VICTOR	4750	34.50	1,640.72	295,622	60	8,868	82,080	1,866,127	1,054,764	0	0	38,627	3,346,148			
KRAMER-VICTOR	4750	0.12	13.92	1,028	0	31	0	0	0	25,260	114,748	134	141,201			
TOTAL KRAMER-VICTOR				34.62	1,654.64	296,650	60	8,899	82,080	1,866,127	1,054,764	25,260	114,748	38,761	3,487,349	
TOTAL 115kV T/L'S				638.28	15,116.38	4,527,959	797	118,009	3,722,278	25,538,707	16,309,828	25,260	114,748	560,503	50,918,087	
<u>66kV TRANSMISSION LINES</u>																
ANTELOPE-NEENACH	4105	16.65	2.37	107,031	3,769	3,584	65,250	1,312,136	531,151	0	0	5,128	2,028,048			
BAILEY-NEENACH-WESTPAC	4105	16.56	2.37	106,490	3,750	3,566	64,920	1,305,505	528,466	0	0	5,102	2,017,799			
TOTAL 66kV T/L'S				33.21	4.74	213,521	7,518	7,150	130,170	2,617,640	1,059,617	0	0	10,230	4,045,846	
<u>55kV TRANSMISSION LINES</u>																
CONTROL-SILVER PEAK "A" - CALIF	4705	16.58	105.29	38,208	518	0	0	471,117	209,244	0	0	5,632	724,717			
CONTROL-SILVER PEAK "C" - CALIF	4705	24.35	105.29	56,123	760	0	0	692,023	307,358	0	0	8,272	1,064,537			
TOTAL 55kV T/L'S				40.92	210.58	94,331	1,278	0	0.00	1,163,140	516,602	0	0	13,904	1,789,255	
GRAND TOTAL				5,896.52	43,913.12	119,157,042	6,724,797	923,800	548,483,029	92,376,310	405,779,526	207,658	1,983,396	110,156,009	1,285,791,567	

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

CIRCUIT NAME	OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.									TOTAL	
		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359		
66kV TRANSMISSION LINES WHICH WILL CONVERT TO NON-ISO DUE TO THE IMPLEMENTATION OF THE EKWRA & ANTELOPE BAILEY PROJECT															
ACTON-PALMDALE-SHUTTLE		4105		19.98											
ACTON-RITTER RANCH		4105		5.89											
ANTELOPE-ACTON-PALMDALE-SHUTTLE		4105		34.80	2.37	223,769	7,879	7,493	136,417	2,743,275	1,110,473	0	0	10,721 4,240,028	
ANAVERDE-RITTER RANCH		4105		5.50											
ANTELOPE-RITTER RANCH No.1		4105		10.80											
ANTELOPE-RITTER RANCH No.1		4105		0.77											
TOTAL ANTELOPE-RITTER RANCH No.1 and ANAVERDE-RITTER RA					17.07										
ANTELOPE-ANAVERDE		4105		15.44	2.37	99,284	3,496	3,325	60,527	1,217,166	492,707	0	0	4,757 1,881,262	
ANTELOPE-ANAVERDE-HELIJET		4105		20.68	2.37	132,995	4,683	4,453	81,078	1,630,434	659,997	0	0	6,372 2,520,013	
ANTELOPE-ANAVERDE-HELIJET		4105		0.57	323.20	3,653	129	122	0	0	0	70,026	284,104	175 358,210	
TOTAL ANTELOPE-ANAVERDE-HELIJET					21.25	325.57	136,648	4,812	4,576	81,078	1,630,434	659,997	70,026	284,104	6,547 2,878,223
ANTELOPE-CAL CEMENT		4105		27.46	2.37	176,583	6,218	5,913	107,651	2,164,795	876,306	0	0	8,460 3,345,925	
ANTELOPE-DEL SUR		4105		2.65	2.37	17,049	600	571	10,394	209,015	84,609	0	0	817 323,055	
ANTELOPE-DEL SUR-ROSAMOND		4105		15.74	2.37	101,222	3,564	3,390	61,709	1,240,925	502,325	0	0	4,850 1,917,985	
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105		16.71	2.37	107,422	3,782	3,597	65,488	1,316,927	533,090	0	0	5,147 2,035,453	
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105		0.24	323.20	1,558	55	52	0	0	0	29,862	121,156	75 152,758	
TOTAL ANTELOPE-LANCASTER-LANPRI-SHUTTLE					16.95	325.57	108,980	3,837	3,649	65,488	1,316,927	533,090	29,862	121,156	5,221 2,188,210
ANTELOPE-LANCASTER-OASIS		4105		16.54	2.37	106,372	3,746	3,562	64,848	1,304,056	527,880	0	0	5,096 2,015,560	
ANTELOPE-QUARTZ HILL No.2		4105		6.20	2.37	39,865	1,404	1,335	24,303	488,720	197,833	0	0	1,910 755,370	
ANTELOPE-QUARTZ HILL No.2		4105		0.65	323.20	4,167	147	140	0	0	0	79,876	324,065	200 408,594	
TOTAL ANTELOPE-QUARTZ HILL No.2					6.85	325.57	44,032	1,550	1,474	24,303	488,720	197,833	79,876	324,065	2,110 1,163,964
ANTELOPE-RITTER RANCH No.2		4105		10.80	2.37	69,442	2,445	2,325	42,334	851,319	344,613	0	0	3,327 1,315,806	
ANTELOPE-RITTER RANCH No.2		4105		0.77	323.20	4,933	174	165	0	0	0	94,554	383,618	236 483,680	
TOTAL ANTELOPE-RITTER RANCH No.2					11.57	325.57	74,375	2,619	2,491	42,334	851,319	344,613	94,554	383,618	3,563 1,799,487
ANTELOPE-ROSAMOND		4105		15.91	2.37	102,270	3,601	3,425	62,348	1,253,773	507,525	0	0	4,900 1,937,842	
BAILEY-GORMAN		4105		3.42	2.37	21,968	774	736	13,393	269,316	109,019	0	0	1,052 416,258	
CAL CEMENT-GOLDTOWN-MONOLITH-W/LAND		4105		16.94	2.37	108,908	3,835	3,647	66,394	1,335,144	540,464	0	0	5,218 2,063,610	
CAL CEMENT-GOLDTOWN-MONOLITH-W/LAND		4106		0.00	37.08	0	0	0	0	0	0	0	0	0	
TOTAL CAL CEMENT-GOLDTOWN MONOLITH-WINDLANDS					16.94	39.45	108,908	3,835	3,647	66,394	1,335,144	540,464	0	0	5,218 2,063,610
CAL CEMENT-MONOLITH-ROSAMOND-W/FARM		4105		28.00	2.37	180,011	6,338	6,028	109,741	2,206,824	893,319	0	0	8,624 3,410,885	
CAL CEMENT-MONOLITH-ROSAMOND-W/FARM		4106		0.00	37.08	0	0	0	0	0	0	0	0	0	
TOTAL CAL CEMENT-MONOLITH-ROSAMOND-W/FARM					28.00	39.45	180,011	6,338	6,028	109,741	2,206,824	893,319	0	0	8,624 3,410,885
CAL CEMENT-MONOLITH-WINDPARK		4105		9.81	2.37	63,081	2,221	2,112	38,456	773,334	313,044	0	0	3,022 1,195,272	
CAL CEMENT-MONOLITH-WINDPARK		4106		0.16	37.08	1,303	0	0	2	11,883	10,765	0	0	0 23,953	
TOTAL CAL CEMENT-MONOLITH-WINDPARK					9.97	39.45	64,384	2,221	2,112	38,459	785,217	323,809	0	0	3,022 1,219,224
CORRECTION-CUMMINGS--KERN RIVER No. 1		4105		39.45	2.37	253,631	8,931	8,493	154,622	3,109,366	1,258,667	0	0	12,152 4,805,861	
CORRECTION-CUMMINGS--KERN RIVER No. 1		4132		1.88	3.80	1,559	0	0	29,979	0	18,462	0	0	20,215 70,215	
TOTAL CORRECTION-CUMMINGS--KERN RIVER No. 1					41.33	6.17	255,190	8,931	8,493	184,601	3,109,366	1,277,128	0	0	32,367 4,876,076
CORUM-GOLDTOWN		4105		15.12	2.37	97,227	3,424	3,256	59,273	1,191,950	482,499	0	0	4,658 1,842,287	
CORUM-ROSAMOND		4105		19.93	2.37	128,147	4,512	4,291	78,123	1,571,008	635,942	0	0	6,140 2,428,162	
CUMMINGS-MONOLITH		4105		13.30	2.37	85,489	3,010	2,863	52,117	1,048,045	424,247	0	0	4,096 1,619,867	
DEL SUR-LANCASTER-RITE AID		4105		9.40	2.37	60,427	2,128	2,023	36,838	740,795	299,873	0	0	2,895 1,144,979	

OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.											
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL		
GOLDTOWN-LANCASTER	4105	27.99	2.37	179,992	6,338	6,027	109,729	2,206,595	893,226	0	0	8,623	3,410,531		
GORMAN-KERN RIVER No. 1	4105	49.40	2.37	317,624	11,184	10,636	193,635	3,893,880	1,576,237	0	0	15,217	6,018,413		
GORMAN-KERN RIVER No. 1	4132	1.90	3.80	1,573	0	0	30,250	0	18,629	0	0	20,398	70,850		
TOTAL GORMAN-KERN RIVER No. 1		51.30	6.17	319,197	11,184	10,636	223,885	3,893,880	1,594,866	0	0	35,615	6,089,263		
HELIJET-LITTLE ROCK-PALMDALE-ROCKAIR	4105	15.34	2.37	98,621	3,473	3,302	60,123	1,209,030	489,414	0	0	4,725	1,868,687		
LANCASTER-LITTLE ROCK-PIUTE	4105	15.77	2.37	101,391	3,570	3,395	61,812	1,242,997	503,164	0	0	4,858	1,921,187		
LANCASTER-LITTLE ROCK-PIUTE	4105	0.62	323.20	4,015	141	134	0	0	0	76,967	312,265	1	393,524		
TOTAL LANCASTER-LITTLE ROCK-PIUTE		16.39	325.57	105,407	3,712	3,530	61,812	1,242,997	503,164	76,967	312,265	4,859	2,314,711		
LANCASTER-PURIFY-REDMAN	4105	14.57	2.37	93,695	3,299	3,137	57,119	1,148,639	464,968	0	0	4,489	1,775,347		
PIUTE-REDMAN	4105	5.02	2.37	32,284	1,137	1,081	19,682	395,785	160,213	0	0	1,547	611,728		
ANTELOPE-QUARTZ HILL No.1	4105	5.70													
ANTELOPE-QUARTZ HILL No.1	4105	0.65													
TOTAL ANTELOPE-QUARTZ HILL No.1		6.35													
OASIS-PALMDALE-QUARTZ HILL	4105	19.14													
ANTELOPE-OASIS-PALMDALE-QUARTZ HILL	4105	25.02	2.37	160,905	5,666	5,388	98,093	1,972,602	798,506	0	0	7,709	3,048,870		
ANTELOPE-QUARTZ HILL-SHUTTLE	4105	13.80													
ANTELOPE-QUARTZ HILL-SHUTTLE	4105	0.66													
TOTAL ANTELOPE-QUARTZ HILL-SHUTTLE		14.46													
ANTELOPE-SHUTTLE	4105	12.07	2.37	77,585	2,732	2,598	47,298	951,145	385,022	0	0	3,717	1,470,097		
TOTAL 66kV T/L'S		510.26	1,801.21	3,260,024	114,634	109,016	2,033,776	39,698,744	16,113,038	351,285	1,425,208	196,398	63,302,124		

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			A/C 360-362 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment
ACTON SUB	5365	66kV	466,446	2,122,530	8,512,833	11,101,809	72,734	372,807	1,285,595	393,712	1,749,723	7,227,237
GORMAN SUB	5512	66kV	383	164,070	1,031,549	1,196,002	57	153,432	139,666	326	878,116	139,666
ANAVERDE SUB	5539	66kV	157	740,625	9,961,714	10,702,496	1	5,109	68,716	156	735,516	9,892,999
CORUM SUB	5547	66kV	384	33,392	579,542	613,319	10	855	14,846	374	32,537	564,695
QUARTZ HILL SUB	5566	66kV	15,905	290,770	6,263,764	6,570,439	3,074	52,474	1,061,289	12,831	238,296	5,202,476
RITTER SUB	8504	66kV	-	610,352	8,828,177	9,438,529	-	227,598	3,291,833	-	382,754	5,536,345
HUNTINGTON LK(FP2175)	2110	66kV	-	-	61,855	61,855	-	-	-	-	-	61,855
SHAYER LAKE (FP 67)	2120	66kV	-	-	56,093	56,093	-	-	-	-	-	56,093
BIG CREEK CANYON	2202	33kV & Below	-	-	99,245	99,245	-	-	-	-	-	99,245
BIG CREEK NO.1	2211	220kV	-	218,338	30,212	248,550	-	-	-	218,338	-	30,212
BIG CREEK NO.8	2229	220kV	-	-	99,856	99,856	-	-	-	-	-	99,856
BIG CREEK NO.3	2230	220kV	-	-	271,299	271,299	-	-	-	-	-	271,299
BIG CREEK NO.2A	2234	220kV	-	-	46,173	46,173	-	-	-	-	-	46,173
PORTAL POWER PLANT	2237	33kV & Below	-	-	26,636	26,636	-	-	-	-	-	26,636
MAMMOTH POOL	2238	220kV	-	-	66,510	66,510	-	-	-	-	-	66,510
EAST END HYDRO SHP FACLTY	2304	-	-	9,117	-	9,117	-	-	-	-	9,117	-
SANTA ANA NO. 3	2317	33kV & Below	-	-	75,114	75,114	-	-	-	-	-	75,114
MILL CREEK NO.2&3	2319	33kV & Below	4	-	-	4	-	-	-	4	-	-
POOLE	2512	115kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.2	2522	55kV	-	-	31,930	31,930	-	-	-	-	-	31,930
BISHOP CREEK NO.3	2523	55kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.4	2524	55kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.5	2525	55kV	-	-	9,878	9,878	-	-	-	-	-	9,878
CONTROL STATION	2556	115kV	-	5,039	8,678	13,716	-	-	-	-	5,039	8,678
CASA DIABLO	2557	115kV	-	-	569,516	569,516	-	-	-	-	-	569,516
LUNDY	2560	55kV	-	-	12,269	12,269	-	-	-	-	-	12,269
LEE VINING	2561	115kV	-	-	74,332	74,332	-	-	-	-	-	74,332
INYO	2570	115kV	-	-	6,860	6,860	-	-	-	-	-	6,860
BRIDGEPORT (OLD)	2580	33kV & Below	138	1,412	6,429	7,979	-	-	-	138	1,412	6,429
ZACK	2582	55kV	7,434	5,808	228,741	241,983	-	-	-	7,434	5,808	228,741
JUNE LAKE	2583	33kV & Below	-	16,176	569,636	585,813	-	-	-	-	16,176	569,636
DEEP SPRINGS	2589	55kV	-	1,191	47,885	49,076	-	-	-	-	1,191	47,885
WHITE MOUNTAIN RADIO	2594	55kV	-	1,497	13,013	14,510	-	-	-	-	1,497	13,013
MT. TOM	2598	55kV	-	46,013	974,488	1,020,501	-	-	-	-	46,013	974,488
MORGAN	2604	33kV & Below	-	-	57,328	57,328	-	-	-	-	-	57,328
TIMBERWINE	2609	33kV & Below	-	-	1,660,992	1,660,992	-	-	-	-	-	1,660,992
BRIDGEPORT	2610	33kV & Below	24,261	81,516	438,219	543,996	-	-	-	24,261	81,516	438,219
SKILAND	2611	33kV & Below	62,995	186,428	1,894,984	2,144,407	-	-	-	62,995	186,428	1,894,984
MINARET	2612	33kV & Below	-	56,385	577,715	634,100	-	-	-	-	56,385	577,715
CATALINA ISLAND-DIESEL	3064	66kV	-	13,578	1,797,701	1,811,279	-	-	-	-	13,578	1,797,701
33 AND 66 KV LINES	4105	-	691,618	-	-	691,618	-	-	-	691,618	-	-
EASTERN T/S REGION	4500	Transmission Line	-	52,105	-	52,105	-	-	-	-	52,105	-
NRTHN T/S REGION	4600	Transmission Line	-	14,552	-	14,552	-	-	-	-	14,552	-
33&66KV LNS IN NRTHEN T/S	4605	-	83,844	-	-	83,844	-	-	-	83,844	-	-
S/E DIV., 66KV LINES	4805	66kV	140,014	-	-	140,014	-	-	-	140,014	-	-
SUBSTN DIV	5000	Misc	-	-	485,808	485,808	-	-	-	-	-	485,808
WALNUT SUB	5014	220kV	-	-	78,722	78,722	-	-	-	-	-	78,722
LA FRESA SUB	5021	220kV	-	-	12,211	12,211	-	-	-	-	-	12,211
EL NIDO SUB	5023	220kV	-	7,079	-	7,079	-	-	-	-	7,079	-
RECTOR SUB	5033	220kV	-	62,129	729,012	791,141	-	-	-	-	62,129	729,012
KRAMER SUB	5042	220kV	-	-	34,024	34,024	-	-	-	-	-	34,024
MOHAVE SWITCHRACK	5045	500kV	-	23,655	-	23,655	-	-	-	-	23,655	-
SANTA CLARA SUB	5053	220kV	-	72,202	19,008	91,210	-	-	-	-	72,202	19,008
GOLETA SUB	5055	220kV	-	-	343,944	343,944	-	-	-	-	-	343,944
BAILEY SUB	5059	220kV	-	156	3,382	3,537.87	-	-	-	-	156	3,382
PADUA SUB	5060	220kV	-	-	22,251	22,251	-	-	-	-	-	22,251
LUGO SUB	5061	500kV	-	95,181	-	95,181	-	-	-	-	95,181	-
VISTA SUB	5064	220kV	-	454,916	34,273	489,189	-	-	-	-	454,916	34,273
DEVERS SUB	5067	500kV	-	-	4,588,279	4,588,279	-	-	-	-	-	4,588,279
MIRA LOMA SUB	5069	500kV	-	-	(0.16)	(0.16)	-	-	-	-	-	(0.16)
VALLEY-500 KV	5070 & 8034	500kV	-	-	2,838,417	2,838,417	-	-	-	-	-	2,838,417
LIGHTHIPE SUB	5073	220kV	-	7,570	-	7,570	-	-	-	-	7,570	-
BARRE SUB	5081	220kV	-	13,261	-	13,261	-	-	-	-	13,261	-
VILLA PARK SUB	5082	220kV	-	61,294	-	61,294	-	-	-	-	61,294	-
VIEJO SUBSTATION	5083	220kV	-	-	649,974	649,974	-	-	-	-	-	649,974
CENTER SUB	5084	220kV	-	-	169	169	-	-	-	-	-	169
Johanna	5085 & 5881	66kV	-	220,256	5,770,504	5,990,760	-	-	-	-	220,256	5,770,504
SANTIAGO SUB	5088	220kV	-	-	16,697	16,697	-	-	-	-	-	16,697
EL DORADO SUB(NEVADA)	5090	500kV	-	-	26,595	26,595	-	-	-	-	-	26,595
ETIWANDA SWITCHRACK SUB	5096	220kV	-	-	265	265	-	-	-	-	-	265
METRO REGION	5100	-	-	194,833	618,309	813,142	-	-	-	-	194,833	618,309
ALHAMBRA SUB	5101	66kV	90,249	235,848	6,086,502	6,412,600	-	-	-	90,249	235,848	6,086,502
ALLEN SUB	5102	33kV & Below	4,232	53,635	1,343,889	1,401,757	-	-	-	4,232	53,635	1,343,889
SANTEE DAIRY	5103	66kV	-	13,227	415,697	428,924	-	-	-	-	13,227	415,697
AMALIA SUB	5104	33kV & Below	11,584	71,844	1,637,090	1,720,518	-	-	-	11,584	71,844	1,637,090

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

DISTRIBUTION SUBSTATION FACILITIES

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			A/C 360-362 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment
INFO TECH-GO2	9077	Div Offices & Misc	-	6,299	-	6,299	-	-	-	-	6,299	-
IRVINE OPER CENTER	9078		-	18,621	-	18,621	-	-	-	-	18,621	-
VENTURA CORP WH	9135		-	6,953	-	6,953	-	-	-	-	6,953	-
NORTH COAST OFFICE BUILDIN	9204		-	3,406,308	-	3,406,308	-	-	-	-	3,406,308	-
PROP SVCS-SIERRA REGION	9231	Div Offices & Misc	-	9,257	75,033	84,290	-	-	-	-	9,257	75,033
RP&AS-NRTHSHRE REC AREA	9235		-	184,053	-	184,053	-	-	-	-	184,053	-
ALHAMBRA COMBO FACILITY	9297		-	389,851	-	389,851	-	-	-	-	389,851	-
ALHAMBRA COMM SITE	9300		-	-	48,196	48,196	-	-	-	-	-	48,196
TELCOMM-ALHAMBRA	9310	Misc	89,786	-	(12,897)	76,889	-	-	-	89,786	-	(12,897)
METERING/METROLOGY/ADM	9430	Div Offices & Misc	-	3,417	-	3,417	-	-	-	-	3,417	-
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	3,179	-	3,179	-	-	-	-	3,179	-
BIG CRK NO.1 GARAGE	9621		-	93,349	-	93,349	-	-	-	-	93,349	-
SAN JOAQUIN VALLEY GARAGE	9651		-	65,408	-	65,408	-	-	-	-	65,408	-
PALM SPRGS GARAGE	9679	66kV	-	35,107	-	35,107	-	-	-	-	35,107	-
AGTAC FACILITY	9786		-	(0.06)	0.00	(0.06)	-	-	0.00	-	(0.06)	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	4,313	-	-	4,313	-	-	-	4,313	-	-
Total Distribution Substations			\$ 105,855,062	\$ 431,350,910	\$ 1,609,973,202	\$ 2,147,179,174	\$ 75,876	\$ 683,247	\$ 5,875,711	\$ 105,779,185	\$ 430,667,663	\$ 1,604,097,491
ISO/Non-ISO/Mix Summary			Non-ISO Total	105,371,787	427,389,171	1,574,795,622	2,107,556,580			105,371,787	427,389,171	1,574,795,622
			Mix Total	483,275	3,961,739	35,177,580	39,622,594	75,876	683,247	5,875,711	407,399	3,278,492

No impact to the file

See balance in Antelope Bailey Split BA

File Location	Location	Plant 350				Plant 352			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#1 5067	5067	248,793	36,753	-	-	7,278,131	1,074,510	-	-
#2 5090	5090	13,183	-	-	-	2,756,645	-	-	-
#3 5043	5043	230	1,594	-	-	2,162	14,960	-	-
#4 5069	5069	381,928	95,348	-	-	10,307,489	2,522,883	-	-
#5a 5045	5045								
#5b 1320	1320								
#6 5365	5365								
#7 5054 & 8954	5054 & 8954	132,175	2,185	-	-	6,545,404	107,522	-	-
#8 5081	5081	15,880	70,308	-	-	255,834	1,137,844	-	-
#9 5084	5084	14,072	58,181	-	-	675,644	2,808,745	-	-
#10 8063	8063	-	-	-	-	59,734	193,841	-	-
#11 5062	5062	8,320	26,144	-	-	574,441	1,883,263	-	-
#12 5075	5075	48,621	137,362	-	-	211,780	503,047	-	-
#13 5011	5011	4,626	14,987	-	-	244,603	782,423	-	-
#14 5023	5023	54,342	231,277	-	-	631,549	2,687,826	-	-
#15 5026 & 1095	5026 & 1095								
#16 5086	5086	10,239	45,657	3,842	-	226,681	955,499	80,394	-
#17 5096 & 1094	5096 & 1094	40,848	145,297	-	-	788,978	2,806,493	-	-
#18 5055	5055	39,103.89	197,089.66	-	-	149,088.58	751,526.88	-	-
#19 5015	5015	13,929	15,371	-	-	258,428	285,169	-	-
#20 5071	5071	159,641	518,637	-	-	129,363	431,251	-	-
#21 5027 & 1088	5027 & 1088	58,787	38,426	-	-	800,325	523,139	-	-
#22 5085 & 5881	5085 & 5881	254,309	559,107	-	-	1,061,321	2,334,372	-	-
#23 5024	5024	838,723	1,261,504	-	-	1,573,699	2,366,963	-	-
#24 5021	5021	30,367	71,003	-	-	1,379,589	3,223,615	-	-
#25 5028	5028	8,944	4,074	-	-	17,631	8,031	-	-
#26 5074	5074	36,482	94,780	-	-	404,087	1,061,338	-	-
#27 5073	5073	58,035	106,644	-	-	3,021,511	5,552,275	-	-
#28 5012	5012	47,667	121,582	-	-	1,696,134	4,382,133	-	-
#29 5056	5056	19,240	162,922	1,929	-	365,329	3,093,587	36,622	-
#30 5087	5087	61,536	329,002	-	-	238,867	1,337,065	-	-
#31 5060	5060	33,769	115,779	-	-	480,968	1,649,045	-	-
#32 5013	5013	58,556	398,974	-	-	146,508	998,242	-	-
#33 8076 & 1999	8076 & 1999	56,157	246,236	-	-	445,194	3,405,040	-	-
#34 5053	5053	44,241	94,386	2,112	-	402,115	900,092	19,194	-
#35 5088	5088	90,406	467,571	-	-	317,433	1,305,927	-	-
#36 5050	5050	806,035	164,229	-	-	2,475,505	504,381	-	-
#37 5083	5083	1,887,095	11,398,879	-	-	1,169,102	7,260,129	-	-
#38 5082	5082	62,510	208,060	-	-	690,487	2,299,949	-	-
#39 5014	5014	9,780	88,175	-	-	220,504	1,987,945	-	-
#40 2211	2211	-	-	-	-	36,940	40,374	-	-
#41 2212	2212	-	-	-	-	-	-	-	-
#42 2230	2230	-	-	-	-	578,154	6,081	-	-
#43 2236	2236	-	-	-	-	-	-	-	-
#44 2229	2229	-	-	-	-	228,151	54,498	-	-
#45 5036	5036								
#46 5031	5031	7,947	416	-	-	1,029,214	53,757	-	-
#47 5034	5034	3,568	8,630	-	-	198,090	647,716	-	-
#48 5033	5033	160,490	232,681	-	-	4,821,856	7,413,317	-	-
#49 5035	5035	2,026	5,217	-	-	369,875	948,611	-	-
#50 5042 & 8046	5042 & 8046	28,585	19,877	350	-	342,807	283,434	4,193	-
#51 5044	5044								
#52 5063	5063	-	-	-	-	1,546	669	-	-
#53 5040	5040	-	-	-	-	15,337	227,402	-	-
#54 8048	8048								
#55 2556	2556	-	-	-	-	1,227,397	254,197	-	-
#57 8012	8012	168,034	461,506	-	-	1,095,285	2,940,241	-	-
#58 8016	8016								
#59 8098	8098								
#60 8017	8017								
#61 8099	8099								
#62 8004	8004								
#63 8044	8044								
#64 8036	8036								
#65 8345	8345								
#66 8037	8037	2,228	14,885	-	-	12,138	82,477	-	-
#67 5041 & 8040	5041 & 8040	4,950	3,015	-	-	64,210	39,352	-	-
#68 5070 & 8034	5070 & 8034	159,283	155,487	-	-	22,182,377	12,457,170	-	-
#69 8049	8049	18,832	3,257	-	-	5,151,040	179,081	-	-
#70 5064	5064	10,568	41,541	-	-	1,654,161	6,377,638	-	-
#71 5025	5025	33,845	29,712	-	-	50,923	44,705	-	-
#72 5052	5052	21,969	13	-	-	1,599,575	968	-	-
#73 5539	5539								
#74 5599	5599								
#75 5564	5564								
#76 5518	5518								
#77 5522	5522								
#78 5548	5548								
#79 5545	5545								
#80 5530	5530								
#81 5514	5514								
#82 5508	5508								
#83 5511	5511								
#84 5547	5547								
#85 5541	5541								
#86 5553	5553								

No impact to the file

See balance in Antelope Bailey Split BA

File Location	Location	Plant 353				Plant 360			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#1 5067	5067	131,732,887	14,965,938	-	-	-	-	-	-
#2 5090	5090	64,092,926	-	-	-	-	-	-	-
#3 5043	5043	365,680	2,529,868	-	-	-	-	-	-
#4 5069	5069	121,153,521	30,296,132	-	-	-	-	-	-
#5a 5045	5045								
#5b 1320	1320								
#6 5365	5365								
#7 5054 & 8954	5054 & 8954	111,020,616	1,835,825	-	-	-	-	-	-
#8 5081	5081	8,103,161	35,870,746	-	-	-	-	-	-
#9 5084	5084	6,226,020	25,725,374	-	-	-	-	-	-
#10 8063	8063	3,630,204	11,780,253	-	-	-	-	-	-
#11 5062	5062	8,725,618	27,339,680	-	-	-	-	-	-
#12 5075	5075	11,585,241	32,825,543	-	-	-	-	-	-
#13 5011	5011	4,428,343	14,356,153	-	-	-	-	-	-
#14 5023	5023	4,205,463	17,898,149	-	-	-	-	-	-
#15 5026 & 1095	5026 & 1095								
#16 5086	5086	7,943,188	35,476,124	2,984,905	-	-	-	-	-
#17 5096 & 1094	5096 & 1094	10,356,989	36,839,898	-	-	-	-	-	-
#18 5055	5055	2,771,172.63	15,700,574.87	-	-	-	-	-	-
#19 5015	5015	9,116,848	10,060,218	-	-	-	-	-	-
#20 5071	5071	5,225,014	16,963,897	-	-	-	-	-	-
#21 5027 & 1088	5027 & 1088	3,227,701	2,109,812	-	-	-	-	-	-
#22 5085 & 5881	5085 & 5881	5,097,497	9,404,340	-	-	-	-	-	-
#23 5024	5024	6,094,921	9,167,223	-	-	-	-	-	-
#24 5021	5021	10,413,664	24,379,630	-	-	-	-	-	-
#25 5028	5028	3,833,295	1,746,134	-	-	-	-	-	-
#26 5074	5074	11,041,410	28,673,593	-	-	-	-	-	-
#27 5073	5073	11,702,759	21,504,783	-	-	-	-	-	-
#28 5012	5012	11,014,879	28,039,366	-	-	-	-	-	-
#29 5056	5056	5,531,735	46,842,491	554,527	-	-	-	-	-
#30 5087	5087	3,475,721	18,522,840	-	-	-	-	-	-
#31 5060	5060	8,458,233	28,977,609	-	-	-	-	-	-
#32 5013	5013	6,048,787	41,213,905	-	-	-	-	-	-
#33 8076 & 1999	8076 & 1999	7,035,987	28,761,869	-	-	-	-	-	-
#34 5053	5053	13,545,005	28,804,455	647,153	-	-	-	-	-
#35 5088	5088	5,340,986	27,942,319	-	-	-	-	-	-
#36 5050	5050	17,862,429	3,639,451	-	-	-	-	-	-
#37 5083	5083	4,156,403	24,258,271	-	-	-	-	-	-
#38 5082	5082	7,012,797	23,295,442	-	-	-	-	-	-
#39 5014	5014	2,347,571	21,085,690	-	-	-	-	-	-
#40 2211	2211	3,849,584	4,224,458	-	-	-	-	-	-
#41 2212	2212	1,516,246	-	-	-	-	-	-	-
#42 2230	2230	10,298,078	1,443,457	-	-	-	-	-	-
#43 2236	2236	2,262,432	-	-	-	-	-	-	-
#44 2229	2229	1,885,179	452,994	-	-	-	-	-	-
#45 5036	5036								
#46 5031	5031	13,618,898	713,737	-	-	-	-	-	-
#47 5034	5034	6,797,045	16,271,901	-	-	-	-	-	-
#48 5033	5033	33,876,468	48,056,676	-	-	-	-	-	-
#49 5035	5035	4,740,244	12,207,443	-	-	-	-	-	-
#50 5042 & 8046	5042 & 8046	15,657,528	10,837,052	191,751	-	-	-	-	-
#51 5044	5044								
#52 5063	5063	561,775	242,968	-	-	-	-	-	-
#53 5040	5040	449,423	6,663,594	-	-	-	-	-	-
#54 8048	8048								
#55 2556	2556	12,810,000	2,093,915	-	-	-	-	-	-
#57 8012	8012	7,724,216	21,688,344	-	-	-	-	-	-
#58 8016	8016								
#59 8098	8098								
#60 8017	8017								
#61 8099	8099								
#62 8004	8004								
#63 8044	8044								
#64 8036	8036								
#65 8345	8345								
#66 8037	8037	857,763	5,728,682	-	-	-	-	-	-
#67 5041 & 8040	5041 & 8040	4,209,840	2,563,639	-	-	-	-	-	-
#68 5070 & 8034	5070 & 8034	83,169,042	87,654,454	-	-	-	-	-	-
#69 8049	8049	49,348,358	9,245,378	-	-	-	-	-	-
#70 5064	5064	12,335,933	48,580,175	-	-	-	-	-	-
#71 5025	5025	6,720,745	5,900,027	-	-	-	-	-	-
#72 5052	5052	68,960,888	41,786	-	-	-	-	-	-
#73 5539	5539								
#74 5599	5599								
#75 5564	5564								
#76 5518	5518								
#77 5522	5522								
#78 5548	5548								
#79 5545	5545								
#80 5530	5530								
#81 5514	5514								
#82 5508	5508								
#83 5511	5511								
#84 5547	5547								
#85 5541	5541								
#86 5553	5553								

No impact to the file

See balance in Antelope Bailey Split BA

File Location	Location	Plant 361				Plant 362			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#1 5067	5067	-	-	-	-	81,459	4,506,820	-	-
#2 5090	5090	-	-	-	-	26,595	-	-	-
#3 5043	5043	-	-	-	-	-	-	-	-
#4 5069	5069	-	-	-	-	(0)	-	-	-
#5a 5045	5045	-	-	-	-	-	-	-	-
#5b 1320	1320	-	-	-	-	-	-	-	-
#6 5365	5365	-	-	-	-	-	-	-	-
#7 5054 & 8954	5054 & 8954	-	-	-	-	-	-	-	-
#8 5081	5081	2,443	10,817	-	-	-	-	-	-
#9 5084	5084	-	-	-	-	-	169	-	-
#10 8063	8063	-	-	-	-	-	-	-	-
#11 5062	5062	-	-	-	-	(57)	57	-	-
#12 5075	5075	-	-	-	-	-	-	-	-
#13 5011	5011	-	-	-	-	-	-	-	-
#14 5023	5023	1,347	5,732	-	-	-	-	-	-
#15 5026 & 1095	5026 & 1095	-	-	-	-	-	-	-	-
#16 5086	5086	-	-	-	-	-	-	-	-
#17 5096 & 1094	5096 & 1094	-	-	-	-	-	265	-	-
#18 5055	5055	-	-	-	-	343,944	-	-	-
#19 5015	5015	-	-	-	-	-	-	-	-
#20 5071	5071	-	-	-	-	-	-	-	-
#21 5027 & 1088	5027 & 1088	-	-	-	-	-	-	-	-
#22 5085 & 5881	5085 & 5881	68,318	151,939	-	-	1,241,377	4,529,127	-	-
#23 5024	5024	-	-	-	-	-	-	-	-
#24 5021	5021	-	-	-	-	12,211	-	-	-
#25 5028	5028	-	-	-	-	-	-	-	-
#26 5074	5074	-	-	-	-	-	-	-	-
#27 5073	5073	2,668	4,902	-	-	-	-	-	-
#28 5012	5012	-	-	-	-	-	-	-	-
#29 5056	5056	-	-	-	-	-	-	-	-
#30 5087	5087	-	-	-	-	-	-	-	-
#31 5060	5060	-	-	-	-	-	22,251	-	-
#32 5013	5013	-	-	-	-	-	-	-	-
#33 8076 & 1999	8076 & 1999	-	-	-	-	-	636,439	-	-
#34 5053	5053	10,211	61,992	-	-	2,688	16,320	-	-
#35 5088	5088	-	-	-	-	-	16,697	-	-
#36 5050	5050	-	-	-	-	-	-	-	-
#37 5083	5083	-	-	-	-	-	649,974	-	-
#38 5082	5082	3,863	57,431	-	-	-	-	-	-
#39 5014	5014	-	-	-	-	-	78,722	-	-
#40 2211	2211	104,321	114,017	-	-	22,585	7,627	-	-
#41 2212	2212	-	-	-	-	-	-	-	-
#42 2230	2230	-	-	-	-	239,394	31,905	-	-
#43 2236	2236	-	-	-	-	-	-	-	-
#44 2229	2229	-	-	-	-	82,768	17,087	-	-
#45 5036	5036	-	-	-	-	-	-	-	-
#46 5031	5031	-	-	-	-	-	-	-	-
#47 5034	5034	-	-	-	-	-	-	-	-
#48 5033	5033	25,361	36,768	-	-	38,219	690,793	-	-
#49 5035	5035	-	-	-	-	-	-	-	-
#50 5042 & 8046	5042 & 8046	-	-	-	-	16,852	17,172	-	-
#51 5044	5044	-	-	-	-	-	-	-	-
#52 5063	5063	-	-	-	-	-	-	-	-
#53 5040	5040	-	-	-	-	-	-	-	-
#54 8048	8048	-	-	-	-	-	-	-	-
#55 2556	2556	4,317	722	-	-	8,504	174	-	-
#57 8012	8012	-	-	-	-	147,755	-	-	-
#58 8016	8016	-	-	-	-	-	-	-	-
#59 8098	8098	-	-	-	-	-	-	-	-
#60 8017	8017	-	-	-	-	-	-	-	-
#61 8099	8099	-	-	-	-	-	-	-	-
#62 8004	8004	-	-	-	-	-	-	-	-
#63 8044	8044	-	-	-	-	-	-	-	-
#64 8036	8036	-	-	-	-	-	-	-	-
#65 8345	8345	-	-	-	-	-	-	-	-
#66 8037	8037	-	-	-	-	-	-	-	-
#67 5041 & 8040	5041 & 8040	-	-	-	-	-	-	-	-
#68 5070 & 8034	5070 & 8034	-	-	-	-	55,276	2,783,142	-	-
#69 8049	8049	-	-	-	-	-	-	-	-
#70 5064	5064	92,260	362,656	-	-	-	34,273	-	-
#71 5025	5025	-	-	-	-	-	-	-	-
#72 5052	5052	-	-	-	-	-	-	-	-
#73 5539	5539	-	-	-	-	-	-	-	-
#74 5599	5599	-	-	-	-	-	-	-	-
#75 5564	5564	-	-	-	-	-	-	-	-
#76 5518	5518	-	-	-	-	-	-	-	-
#77 5522	5522	-	-	-	-	-	-	-	-
#78 5548	5548	-	-	-	-	-	-	-	-
#79 5545	5545	-	-	-	-	-	-	-	-
#80 5530	5530	-	-	-	-	-	-	-	-
#81 5514	5514	-	-	-	-	-	-	-	-
#82 5508	5508	-	-	-	-	-	-	-	-
#83 5511	5511	-	-	-	-	-	-	-	-
#84 5547	5547	-	-	-	-	-	-	-	-
#85 5541	5541	-	-	-	-	-	-	-	-
#86 5553	5553	-	-	-	-	-	-	-	-

No impact to the file

See balance in Antelope Bailey Split BA t

File Location	Location	Plant 350				Plant 352			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#87 5357	5357								
#88 5566	5566								
#89 2305	2305								
#90 5512	5512								
#91 5059	5059	110,067	997	-		887,877	8,041	-	
#92 5079	5079								
#93 5358	5358								
#94 2234	2234	-	-	-		-	-	-	
#95 8051-8055	8055	-	-	-		1,973,284	-	1,467,933	
#96 8074	8074								
#97 8504	8504								
#100 2303	2303								
#101 2307	2307								
#102 2309	2309								
#106 2510 & 2560	2560								
#107 5048	5048	-	45,363	3,742		-	11,177	922	
#108 5049	5049								
#109 8006	8006	-	-	-		7,160,592	28,045,651	-	

No impact to the file

See balance in Antelope Bailey Split BA t

File Location	Location	Plant 353				Plant 360			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#87 5357	5357								
#88 5566	5566								
#89 2305	2305								
#90 5512	5512								
#91 5059	5059	16,696,074	148,344	-		-	-	-	
#92 5079	5079								
#93 5358	5358								
#94 2234	2234	1,031,434	-	-		-	-	-	
#95 8051-8055	8055	10,632,542	-	7,912,469		-	-	-	
#96 8074	8074								
#97 8504	8504								
#100 2303	2303								
#101 2307	2307								
#102 2309	2309								
#106 2510 & 2560	2560								
#107 5048	5048	-	2,302,001	189,869		-	-	-	
#108 5049	5049								
#109 8006	8006	9,540,110	37,365,432	-		-	-	-	

No impact to the file

See balance in Antelope Bailey Split BA t

File Location	Location	Plant 361				Plant 362			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#87 5357	5357								
#88 5566	5566								
#89 2305	2305								
#90 5512	5512								
#91 5059	5059	29	126	-		639	2,744	-	
#92 5079	5079								
#93 5358	5358								
#94 2234	2234	-	-	-		46,173	-	-	
#95 8051-8055	8055	-	-	-		3,879	-	-	
#96 8074	8074								
#97 8504	8504								
#100 2303	2303								
#101 2307	2307								
#102 2309	2309								
#106 2510 & 2560	2560								
#107 5048	5048	-	-	-		-	-	-	
#108 5049	5049								
#109 8006	8006	-	-	-		-	-	-	

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2011

OPERATING VOLTAGE /		ACCOUNT NO.										2011
LOCATION NO.	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES	
<u>1000 kV TRANSMISSION LINES</u>												
4031 DWP-EDSN CELILO-SYLMR LN		\$95,841		\$ 27,220,053		\$ 14,611,108			\$ 136,841	\$ 42,063,842	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	\$ 34,918,660	\$ -	\$ 20,242,535	\$ -	\$ -	\$ 805,712	\$ 56,063,288	626	
<u>500 kV TRANSMISSION LINES</u>												
4026 MIDWAY-VINCENT LINES 1&2	\$2,910,822		\$27,105	\$ 19,299,341	\$ 85,359	\$ 22,941,425			\$ 795,535	\$ 46,059,587	225	
4123 LUGO-VINCENT LNES 1&2	\$1,734,921		\$16,633	\$ 7,757,346		\$ 7,143,431			\$ 1,891	\$ 16,654,222	94	
4130 MOHAVE-LUGO 500KV	\$157,990			\$ 420,632		\$ 517,455			\$ 19,051	\$ 1,115,128	10	
4136 LUGO-ELDORADO LN	\$1,330,373			\$ 12,189,960		\$ 10,420,732			\$ 117,747	\$ 24,058,812	151	
4137 LUGO-ELDORADO LN	\$16,589			\$ 2,027,936		\$ 1,784,137			\$ 20,088	\$ 3,848,751	27	
4138 LUGO-MIRA LOMA 2&3	\$9,605,387		\$98	\$ 26,351,975	\$ 118,240	\$ 18,451,820			\$ 632,859	\$ 55,160,380	97	
4140 MOHAVE-LUGO 500 KV LN	\$278,112			\$ 12,178,545	\$ 1,375,948	\$ 9,649,510			\$ 329,333	\$ 23,811,447	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	\$1,696,736			\$ 18,384,826		\$ 7,820,475			\$ 252,983	\$ 28,155,020	29	
4154 LUGO-VICTORVLL EDSON-DWP	\$751,549			\$ 1,157,577		\$ 759,625				\$ 2,668,751	8	
4155 MIDWAY-VINCENT LN 3	\$2,956,983			\$ 7,540,671		\$ 4,581,493			\$ 187,772	\$ 15,266,920	53	
4158 LUCERNE-LUGO/MIRA LOMA LN	\$498,593									\$ 498,593	0	
4185 DEVERS-PALO VERDE	\$12,546,476			\$ 28,772,328	\$ 805	\$ 21,381,649		\$ 1,151,660	\$ 453,081	\$ 64,305,999	126	
4186 DEVERS-PALO VERDE	\$1,194,335			\$ 17,297,411		\$ 25,189,675			\$ 147,245	\$ 43,828,665	112	
4187 DEVERS-VALLEY LNS 1,2	\$10,444,073			\$ 21,195,906		\$ 11,949,087			\$ 4,790,336	\$ 48,379,402	42	
4188 SERRANO-VALLEY LN	\$2,858,639	\$8,043		\$ 22,909,118	\$ 515,653	\$ 14,833,343			\$ 2,448,260	\$ 43,573,057	41	
4191 VALLEY-INLAND 500KV TL				\$ 3,058	\$ 12,338	\$ 4,980				\$ 20,377	1	
5069 MIRA LOMA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study		\$ 123,410	\$ 53,933				\$ 177,343		
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	\$49,063,944	\$8,043	\$43,836	\$ 203,735,641	\$ 2,237,574	\$ 160,977,607	\$ -	\$ 1,151,660	\$ 12,728,244	\$ 429,946,551	1,269	
<u>220 kV TRANSMISSION LINES</u>												
4045	\$179,131			\$ 701,607		\$ 453,192			\$ 38,006	\$ 1,371,936	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	\$1,458,746	\$278,181	\$98,475	\$ 22,300,101	\$ 1,382,054	\$ 30,443,253			\$ 1,167,289	\$ 57,128,099	354	

TL COST SUMMARY

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2011

OPERATING VOLTAGE /											2011	
LOCATION NO.	ACCOUNT NO.										TOTAL	CIRCUIT MILES
	350	352	353	354	355	356	357	358	359			
4102	\$1,466,128			\$ 2,085,104	\$ 500,489	\$ 1,391,079				\$ 5,442,800	8	
4104 OH	\$1,330,951			\$ 5,814,542	\$ 176,103	\$ 3,132,693			\$ 230,330	\$ 10,684,618	144	
4104 UG	\$385						\$ 1,480	\$ 260,160	\$ 67	\$ 262,091	0	
4107	\$2,639,646	\$326,478		\$ 8,888,469		\$ 6,813,718			\$ 836,446	\$ 19,504,757	271	
4712				\$ 90,778,825		\$ 9,514,635			\$ 0	\$ 100,293,460	22	
4108	\$8,067,991	\$3,035,777		\$ 14,114,756	\$ 1,558,476	\$ 14,150,891	\$ 106		\$ 454,131	\$ 41,382,127	169	
4109									\$	-	0	
4111	\$1,944			\$ 133,734		\$ 155,710			\$ 29,429	\$ 320,815	6	
4113	\$874,872			\$ 1,841,246	\$ 206,178	\$ 2,150,449			\$ 631,018	\$ 5,703,763	130	
4114	\$3,210,587	\$539,509	\$661,182	\$ 13,532,584	\$ 147,920	\$ 9,682,086			\$ 304,171	\$ 28,078,038	130	
4115	\$1,607,024	\$531,635	\$2,149	\$ 3,599,135	\$ 394,606	\$ 2,096,243			\$ 27,417	\$ 8,258,209	27	
4116 OH	\$3,557,160	\$173,087	\$2,043	\$ 3,216,620	\$ 10,134,527	\$ 6,778,329			\$ 13,417	\$ 23,875,184	90	
4116 UG	\$37,462	\$1,823	\$22				\$ 180,589	\$ 456,828	\$ 141	\$ 676,865	1	
4117	\$1,005,509	\$7,084	\$12,857	\$ 15,332,991	\$ 693,485	\$ 19,819,155			\$ 151,162	\$ 37,022,243	305	
4118 *	\$5,517,482	\$131,134	\$2,204	\$ 17,463,595	\$ 239,219	\$ 14,140,591			\$ 184,126	\$ 37,678,352	156	
4119	\$2,099,780	\$71,860	\$101	\$ 7,928,456	\$ 85,176	\$ 14,846,645			\$ 52,431	\$ 25,084,447	138	
4120	\$4,270,254	\$298,150	\$3,380	\$ 6,078,503	\$ 880,665	\$ 5,638,404	\$ 256		\$ 33,420	\$ 17,203,033	125	
4121	\$353,928			\$ 2,001,171	\$ 186,227	\$ 2,052,409			\$ 143,697	\$ 4,737,433	135	
4125	\$11,414,612	\$1,769,771	\$1,918	\$ 31,301,975	\$ 492,123	\$ 13,806,094			\$ 1,781,163	\$ 60,567,656	415	
4127	\$19,842			\$ 647,655		\$ 549,803			\$ 5,205	\$ 1,222,506	85	
4135 *	\$1,783,805			\$ 9,196,931	\$ 2,406,296	\$ 6,685,422			\$ 97,780	\$ 20,170,234	206	
4144	\$9,994			\$ 473,674		\$ 429,215			\$ 1,023	\$ 913,906	31	
4147 Designed at 500kV	\$3,855,188		\$1,880	\$ 2,767,070		\$ 1,983,887			\$ 145,187	\$ 8,753,211	27	
4153	\$309,032			\$ 60,375	\$ 810,006	\$ 308,138			\$ 23,687	\$ 1,511,239	13	
4156	\$12,025,290			\$ 2,262,700	\$ 6,476,819	\$ 2,971,326			\$ 38,262	\$ 23,774,397	29	
4157	\$105,605	\$18,610		\$ 1,994,781		\$ 3,584,786			\$ 537,026	\$ 6,240,809	21	
4166	\$9,034			\$ 164,051		\$ 136,431				\$ 309,516	9	
4168	\$4,331			\$ 262,365		\$ 526,631			\$ 37,890	\$ 831,217	7	
4169	\$3,565,382		\$2,701	\$ 8,725,005	\$ 398,446	\$ 6,065,938			\$ 106,152	\$ 18,863,624	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	
4756	\$1,079,577			\$ 6,958,865	\$ 568,180	\$ 4,604,528			\$ 119,281	\$ 13,330,432	120	
4708				\$ 13,746,933	\$ 30,818,084	\$ 19,251,107				\$ 63,816,124	26	
4644				\$ 27,679,226	\$ 2,721,999	\$ 13,931,304			\$ 89,385,747	\$ 133,718,276	26	
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 220kV T/L'S	\$72,199,616	\$7,183,099	\$788,912	\$ 328,936,531	\$ 61,341,969	\$ 222,653,788	\$ 182,441	\$ 716,988	\$ 96,770,909	\$ 790,774,254	3,564	

* Cost allocated between operating voltages by pole miles.

161 kV TRANSMISSION LINES

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2011

OPERATING VOLTAGE /												2011	
A C C O U N T N O.												CIRCUIT	
LOCATION NO.	350	352	353	354	355	356	357	358	359	TOTAL	MILES		
4759	\$33,310				\$ 2,000,560	\$ 331,263			\$ 4,845	\$ 2,369,978	53		
TOTAL 161kV T/L'S												53	
	\$33,310	\$0	\$0	\$ -	\$ 2,000,560	\$ 331,263	\$ -	\$ -	\$ 4,845	\$ 2,369,978			
<u>115 kV TRANSMISSION LINES</u>													
4105 OH	\$15,246	\$537	\$511	\$ 9,294	\$ 186,904	\$ 75,658			\$ 730	\$ 288,880	2		
4106 *OH	\$202,756			\$ 351	\$ 1,848,865	\$ 1,674,859				\$ 3,726,831	21		
4135 *Designed at 220kV	\$428,121			\$ 2,207,304	\$ 577,522	\$ 1,604,531			\$ 23,468	\$ 4,840,945	49		
4731					\$ 112,574	\$ 40,739				\$ 153,313	6		
4732					\$ 237,245	\$ 87,312				\$ 324,557	4		
4735 *	\$47			\$ 4,008	\$ 52,451	\$ 18,395				\$ 74,901	4		
4750 OH*	\$14,060,673	\$2,848	\$421,784	\$ 3,903,980	\$ 88,758,754	\$ 50,167,836			\$ 1,837,204	\$ 159,153,079	1,641		
4750 UG*	\$119,255	\$24	\$3,577				\$ 2,929,263	\$ 13,306,603	\$ 15,582	\$ 16,374,305	14		
4750 Mirage-Santa Rosa Line OH										included in totals above	6		
4750 UG * Kramer Victor Line										included in totals above	0		
4781	\$1,277			\$ 98,307	\$ 43,204	\$ 94,968			\$ 1,376	\$ 239,133	29		
4782	\$165,196			\$ 327,795	\$ 91,898	\$ 580,045			\$ 21,669	\$ 1,186,603	101		
TOTAL 115kV T/L'S												1,879	
	\$14,992,572	\$3,409	\$425,871	\$ 6,551,038	\$ 91,909,416	\$ 54,344,343	\$ 2,929,263	\$ 13,306,603	\$ 1,900,030	\$ 186,362,546			
<u>66 / 55 / 33 kV TRANSMISSION LINES</u>													
4105 OH	\$29,897,031	\$1,052,722	\$1,001,128	\$ 18,226,241	\$ 366,519,360	\$ 148,366,493			\$ 1,432,371	\$ 566,495,346	4,650		
4105 UG	\$2,078,120	\$73,174	\$69,588				\$ 39,832,967	\$ 161,607,375	\$ 99,563	\$ 203,760,787	323		
4105 UG 33kV	\$12,199	\$430	\$408				\$ 233,822	\$ 948,645	\$ 584	\$ 1,196,088	2		
4105 Antelope Ritter Ranch No.2 OH										included in totals above	11		
4105 Antelope Ritter Ranch No.2 UG										included in totals above	1		
4105 Antelope Quartz Hill No.2 OH										included in totals above	6		
4105 Antelope Quartz Hill No.2 UG										included in totals above	1		
4106 OH*	\$304,843			\$ 527	\$ 2,779,758	\$ 2,518,142				\$ 5,603,270	31		
4106 UG*	\$55,521						\$ 1,292,809	\$ 3,036,716		\$ 4,385,047	6		
4118 *	\$138,882	\$3,301	\$55	\$ 439,579	\$ 6,021	\$ 355,935			\$ 4,635	\$ 948,409	4		
4124	\$485			\$ 48,890	\$ 312,251	\$ 202,022	\$ 1,343	\$ 68,591		\$ 633,581	0		
4128 Lytle Creek 12kV Line					\$ 1,240	\$ 1,277				\$ 2,517	0		
4129	\$38,460			\$ 345,087	\$ 1,085,414	\$ 744,432				\$ 2,213,393	89		
4132	\$3,146			\$ 60,500		\$ 37,257			\$ 40,795	\$ 141,699	4		
4133	\$53,165			\$ 7,516	\$ 3,257,096	\$ 340,111			\$ 11,455	\$ 3,669,342	38		
4139	\$517				\$ 130,596	\$ 96,083				\$ 227,196	2		
4142	\$25,409				\$ 2,453,840	\$ 85,830				\$ 2,565,079	32		
4149	\$232				\$ 60,363	\$ 26,752			\$ 1,093	\$ 88,440	4		
4705 OH	\$242,710	\$3,289			\$ 2,992,713	\$ 1,329,197			\$ 35,775	\$ 4,603,683	105		
4705 UG	\$505	\$7							\$ 74	\$ 587	0		
4730	\$10,585				\$ 362,699	\$ 298,967				\$ 672,250	7		
4735 *Designed at 115kV	\$90			\$ 7,669	\$ 100,373	\$ 35,202				\$ 143,334	9		

TL COST SUMMARY

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2011

OPERATING VOLTAGE /											2011
LOCATION NO.	350	352	353	ACCOUNT NO.					359	TOTAL	CIRCUIT MILES
4750 OH*Designed at 115kV	\$145,507	\$29	\$4,365	\$ 40,400	\$ 918,520	\$ 519,162			\$ 19,012	\$ 1,646,995	17
TOTAL 66 / 55 / 33kV T/L'S	\$33,007,408	\$1,132,951	\$1,075,544	\$ 19,176,410	\$ 380,980,243	\$ 154,956,862	\$ 41,360,941	\$ 165,661,327	\$ 1,645,358	\$ 798,997,044	5,341
TOTAL ALL T/L'S	\$169,296,850	\$8,423,884	\$2,334,163	\$ 593,318,280	\$ 538,469,762	\$ 613,506,399	\$ 44,472,645	\$ 180,836,578	\$ 113,855,098	\$ 2,264,513,661	12,731
* Cost allocated between operating voltages by pole miles.											
EOY 2010	\$169,095,712	\$8,926,648	\$2,604,680	\$ 667,092,548	\$ 509,623,685	\$ 610,616,959	\$ 41,087,270	\$ 172,482,750	\$ 31,912,656	\$ 2,466,550,800	
Difference	\$185,893	(\$503,301)	(\$271,027)	\$ (73,783,562)	\$ 28,659,173	\$ 2,813,781	\$ 3,385,375	\$ 8,353,828	\$ 81,941,711	\$ 50,781,871	

2 = Assuming EKWRA Reconfiguration HAS NOT occurred

Description	ISO RELATED PLANT COST			ISO RELATED PLANT COST		
	A/C 350	A/C 352	A/C 353	A/C 360	A/C 361	A/C 362
Midway-Vincent	2,910,822.12	0.00	27,104.88	0.00	0.00	0.00
DWP-Edison Calif	0.00	95,840.85	0.00	0.00	0.00	0.00
DWP-Edison Nevada	0.00	540.83	0.00	0.00	0.00	0.00
PARDEE-SYLMAR LINES 1&2	179,131.19	0.00	0.00	0.00	0.00	0.00
EAGLE ROCK-SYLMAR LINE	186,657.00	0.00	0.00	0.00	0.00	0.00
PARDEE-VINCENT LINE CONST	13,001.63	0.00	0.00	0.00	0.00	0.00
RIO HONDO-VINCENT LN 2	61,040.14	0.00	0.00	0.00	0.00	0.00
Many Transmission Lines	1,418,562.18	270,518.34	95,762.12	0.00	0.00	0.00
COGEN/RENEWABLE ENERGY SO	777,708.04	0.00	0.00	0.00	0.00	0.00
DEVERS-HINS LN, OTHERS	1,253,514.49	0.00	0.00	0.00	0.00	0.00
Various 66kv Lines	3,469,110.40	122,152.86	116,166.15	0.00	0.00	0.00
COGEN/RENEW ENGY SOURCES	1,303.14	0.00	0.00	0.00	0.00	0.00
Various 220kv Lines	2,399,012.73	296,715.87	0.00	0.00	0.00	0.00
Chino-Serrano	8,067,990.54	3,035,776.63	0.00	0.00	0.00	0.00
BIG CRK 3-BIG CRK 4	1,943.63	0.00	0.00	0.00	0.00	0.00
BIGCRK-SPRGVL, MGDN-SPRGV	866,527.71	0.00	0.00	0.00	0.00	0.00
Alamitos-Mesa-& Various	3,063,760.57	514,836.26	630,944.72	0.00	0.00	0.00
Lighthipe-Hinson-Long Beach	1,607,024.14	531,634.83	2,148.68	0.00	0.00	0.00
Various 220kv Lines	3,594,621.72	174,910.36	2,064.92	0.00	0.00	0.00
Various 220kv Lines	1,005,508.84	7,083.96	12,857.19	0.00	0.00	0.00
Mira Loma, other	5,239,034.88	124,516.07	2,093.07	0.00	0.00	0.00
Various 220kv Lines	1,793,706.87	61,385.09	86.18	0.00	0.00	0.00
Huntington Beach- Ellis GRT (4 Lines)	3,695,472.46	258,018.50	2,925.05	0.00	0.00	0.00
BIG CREEK 4-SPRNGVLL-MGDN	353,928.47	0.00	0.00	0.00	0.00	0.00
Lugo-Vincent	1,734,921.02	0.00	16,632.95	0.00	0.00	0.00
BIG CRK 1-CMP TEN---PRTL	0.00	0.00	0.00	0.00	0.00	0.00
Mandalay-Santa Clara GRT (2 Lines)	8,492,875.40	1,316,772.49	1,427.14	0.00	0.00	0.00
NORTH BOULDER-MEAD, OTHER	19,842.47	0.00	0.00	0.00	0.00	0.00
KERN RIVER3-VESTAL 66 KV	0.00	0.00	0.00	0.00	0.00	0.00
MOHAVE-LUGO 500KV	157,989.61	0.00	0.00	0.00	0.00	0.00
CUMMINGS-KERBN RIV1, OTHE	3,132.07	0.00	0.00	0.00	0.00	0.00
BOREL---WALKER 66KV LN	0.00	0.00	0.00	0.00	0.00	0.00
LUGO-VICTOR LNS, OTHER	1,443,554.01	0.00	0.00	0.00	0.00	0.00
LUGO-ELDORADO LN	1,330,373.00	0.00	0.00	0.00	0.00	0.00
LUGO-ELDORADO LN	16,589.08	0.00	0.00	0.00	0.00	0.00
Lugo-Mira Loma	9,605,387.32	0.00	98.19	0.00	0.00	0.00
SPRGVLL-TULE 66KV LN	0.00	0.00	0.00	0.00	0.00	0.00
MOHAVE-LUGO 500 KV LN	278,111.81	0.00	0.00	0.00	0.00	0.00
MOHAVE-ELDORADO LN	76,199.12	0.00	0.00	0.00	0.00	0.00
BOREL-WELDON 66KV LN	0.00	0.00	0.00	0.00	0.00	0.00
ELDORADO-BORDER 500 KV LN	6,166.88	0.00	0.00	0.00	0.00	0.00
ELDORADO-MEAD LNS 1&2	9,993.51	0.00	0.00	0.00	0.00	0.00
Vincent-Pardee Line 2	3,855,187.64	0.00	1,880.02	0.00	0.00	0.00
MIRA LOMA-SERRANO LN	1,696,736.12	0.00	0.00	0.00	0.00	0.00
SANTA ANA LNS 1,2,3	0.00	0.00	0.00	0.00	0.00	0.00
VINCENT-PEARBLOSSOM LN	0.00	0.00	0.00	0.00	0.00	0.00
LUGO-VICTORVLL EDSON-DWP	751,548.67	0.00	0.00	0.00	0.00	0.00
MIDWAY-VINCENT LN 3	2,956,983.22	0.00	0.00	0.00	0.00	0.00
ELLIS-SANTIAGO LNS 1,2	12,025,290.05	0.00	0.00	0.00	0.00	0.00
Rio Honda-Vincent Line 2	105,605.40	18,610.49	0.00	0.00	0.00	0.00
LUCERNE-LUGO/MIRA LOMA LN	0.00	0.00	0.00	0.00	0.00	0.00
BIG CRK 2-BIG CRK 8	9,034.39	0.00	0.00	0.00	0.00	0.00
BIG CRK 3-MAMMOTH POOL	0.00	0.00	0.00	0.00	0.00	0.00
Various 220kv Lines	3,452,749.40	0.00	2,616.02	0.00	0.00	0.00
DEVERS-PALO VERDE	12,546,475.50	0.00	0.00	0.00	0.00	0.00
DEVERS-PALO VERDE	1,194,334.76	0.00	0.00	0.00	0.00	0.00
DEVERS-VALLEY LNS 1,2	10,444,073.32	0.00	0.00	0.00	0.00	0.00
Serrano-Valley	2,858,639.23	8,043.41	0.00	0.00	0.00	0.00
SERRANO-VILLA PK LN 1,2,3	78,247.82	0.00	0.00	0.00	0.00	0.00
VARIOUS 66KV LINES	0.00	0.00	0.00	0.00	0.00	0.00
E.MAGUNDEN-ANTELOPE 220KV	0.00	0.00	0.00	0.00	0.00	0.00
ANTELOPE-MESA 220 KV LN	0.00	0.00	0.00	0.00	0.00	0.00
EAGLE ROCK-MESA 220KV LN	0.00	0.00	0.00	0.00	0.00	0.00
CENTER-MESA 220KV LN	0.00	0.00	0.00	0.00	0.00	0.00
EAGLE ROCK-MESA 220KV LN	0.00	0.00	0.00	0.00	0.00	0.00
CENTER MESA&OLINDA 220KV	0.00	0.00	0.00	0.00	0.00	0.00
ETIWANDA-PADUA 220KV LN	0.00	0.00	0.00	0.00	0.00	0.00
DESERT REGION 115KV LINES	0.00	0.00	0.00	0.00	0.00	0.00
Northern (Transmission Location)	0.00	0.00	0.00	0.00	0.00	0.00
33&66KV LNS IN NRTHEN T/S	0.00	0.00	0.00	0.00	0.00	0.00
MOORPARK-PARDEE 200KV LN	0.00	0.00	0.00	0.00	0.00	0.00
Eastern (Transmission Location)	0.00	0.00	0.00	0.00	0.00	0.00
Various 55kv Lines	94,330.83	1,278.19	0.00	0.00	0.00	0.00
LEE VINING-LUNDY 55K 4771	0.00	0.00	0.00	0.00	0.00	0.00
BISHOP CRK55&115KV LINES	0.00	0.00	0.00	0.00	0.00	0.00
Various 115kv Lines	3,933,969.02	796.91	118,008.81	0.00	0.00	0.00
DEVERS-SN BRDNO 220 KV LN	1,079,559.07	0.00	0.00	0.00	0.00	0.00
BLYTHE-EAGLE MT 161 KV LN	33,310.00	0.00	0.00	0.00	0.00	0.00
HOOVER-CLWTR 115 KV LN	1,277.33	0.00	0.00	0.00	0.00	0.00
HOOVER-CLWTR 115 KV LN	165,196.31	0.00	0.00	0.00	0.00	0.00

Substation		Location #		1 = Assuming EKWRA Reconfiguration HAS occurred																	
TAG				GENERATION RELATED PLANT			ISO RELATED PLANT COST			NON-ISO RELATED PLANT			GENERATION RELATED PLANT			ISO RELATED PLANT COST			NON-ISO RELATED PLANT		
				A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362
#6 5365 Acton	5365	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	24,167.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	466,445.89	2,122,529.77	8,512,832.88
#73 5539 Anaverde	5539	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	157.24	740,624.81	9,961,714.43
#74 5599 Helijet	5599	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	488,671.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235,231.04	2,232,856.44
#75 5564 Palmdale	5564	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	713,949.48	0.00	0.00	0.00	0.00	0.00	0.00	62,303.26	433,884.24	7,508,731.79
#76 5518 Little Rock	5518	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,176,404.35	0.00	0.00	0.00	0.00	0.00	0.00	442.59	367,752.41	8,625,515.03
#77 5522 Shuttle	5522	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,018,975.84	0.00	0.00	0.00	0.00	0.00	0.00	11,913.32	432,520.58	7,623,460.37
#78 5548 Oasis	5548	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	618,665.22	0.00	0.00	0.00	0.00	0.00	0.00	5,187.77	1,523,549.63	9,254,860.19
#79 5545 Plute	5545	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140,208.60	0.00	0.00	0.00	0.00	0.00	0.00	3,756.67	55,479.61	619,929.90
#80 5530 Redman	5530	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	276,827.80	0.00	0.00	0.00	0.00	0.00	0.00	959.21	18,768.36	751,032.67
#81 5514 Lancaster	5514	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,071,715.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	333,421.91	5,975,488.62
#82 5508 Del Sur	5508	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	416,587.12	0.00	0.00	0.00	0.00	0.00	0.00	1,492.80	382,653.58	5,903,778.25
#83 5511 Goldtown	5511	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	485,767.81	0.00	0.00	0.00	0.00	0.00	0.00	187.19	148,976.93	1,787,024.05
#84 5547 Corum	5547	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	384.16	33,392.47	579,541.88
#85 5541 Rosamond	5541	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	560,191.65	0.00	0.00	0.00	0.00	0.00	0.00	1,087.87	77,814.95	2,300,493.55
#86 5553 Cal Cement	5553	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,528.73	231,734.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50,566.97	1,419,065.96
#87 5357 Cummings	5357	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50,024.65	0.00	0.00	0.00	0.00	0.00	0.00	678.89	12,925.80	1,172,975.28
#88 5566 Quartz Hill	5566	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189,904.62	0.00	0.00	0.00	0.00	0.00	0.00	15,905.07	290,769.74	6,263,764.44
#90 5512 Gorman	5512	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	382.78	164,070.01	1,031,548.77
#92 5079 Wind Hub	5079		Mix	0.00	0.00	0.00							0.00	0.00	0.00						
#93 5358 Monolith	5358	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,245,448.76	0.00	0.00	0.00	0.00	0.00	0.00	295.70	640,438.55	8,271,511.78
#97 8504 Ritter Ranch	8504	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	942,423.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	610,351.94	8,828,177.49
2313 Kern River	2313	1	CPUC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,183.66	354,262.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00