

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

12-31-2012 Facilities

\$

Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)				
350	268,447,149	268,447,150	185,965,995	69.3%
Substation				
352	378,255,078	378,255,078	179,247,170	47.4%
353	4,021,792,061	4,021,792,062	2,148,172,469	53.4%
Total Substation	4,400,047,139	4,400,047,141	2,327,419,640	52.9%
Lines				
354	772,203,666	772,203,666	728,242,650	94.3%
355	603,692,255	603,692,253	148,632,888	24.6%
356	706,020,712	706,020,711	494,953,932	70.1%
357	48,517,033	48,517,033	645,862	1.3%
358	208,167,367	208,167,367	3,959,307	1.9%
359	43,038,583	43,038,583	38,747,355	90.0%
Total Lines	2,381,639,616	2,381,639,613	1,415,181,995	59.4%
Total Transmission	7,050,133,904	7,050,133,904	3,928,567,629	55.7%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	105,974,876	105,974,872	78,349	0.1%
Structures:				
361	436,830,749	436,830,749	718,565	0.2%
362	1,761,037,882	1,761,037,883	6,051,836	0.3%
Total Structures	2,197,868,631	2,197,868,632	6,770,401	0.3%
Total Distribution	2,303,843,507	2,303,843,504	6,848,750	0.3%
Total Transmission & Distribution	9,353,977,411	9,353,977,407	3,935,416,379	42.1%

Southern California Edison Company

Summary of ISO Facility Gross Plant
High/Low Voltage Split
12-31-2012 Facilities
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 2 of 59

Total ISO Plant				Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV				
ISO Transmission and Distribution Facility	Total ISO Gross Plant	Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
Transmission Lines:								
1000 kV T Lines	55,554,924	-	55,554,924	-	-	55,554,924	-	-
500 kV T Lines	674,361,154	60,070,900	614,290,254	60,070,900	-	614,290,254	-	-
230 kV T Lines	707,723,951	89,079,905	618,644,046	89,079,905	-	618,644,046	-	-
161 kV T Lines	2,369,978	33,310	2,336,668	-	33,310	-	2,336,668	-
115 kV T Lines	58,806,979	4,528,608	54,278,371	-	4,528,608	-	54,278,371	-
66 kV T Lines	71,749,469	3,409,130	68,340,339	-	3,409,130	-	68,340,339	-
55 kV T Lines	1,831,724	94,331	1,737,393	-	94,331	-	1,737,393	-
Total Transmission Lines	1,572,398,179	157,216,184	1,415,181,995	149,150,806	8,065,378	1,288,489,223	126,692,771	-
Substations:								
High Voltage Substations (750 kV, 500kV, 220kV)	1,884,460,142	27,992,749	1,856,467,393	27,992,749	-	1,856,467,393	-	-
Straddle Substations:								
Eldorado	67,786,602	13,183	67,773,420	13,183	-	66,902,536	-	870,884
Antelope	200,586,339	21,928	200,564,410	19,599	2,329	170,469,095	20,256,904	9,838,411
Bailey	21,644,447	110,265	21,534,182	91,894	18,371	16,574,005	3,312,469	1,647,707
Eagle Mountain	1,671,822	-	1,671,822	-	-	1,530,641	139,151	2,031
Kramer	16,819,080	30,700	16,788,380	12,102	18,598	5,866,946	9,043,965	1,877,469
Victor	80,825,691	19,116	80,806,575	1,473	17,643	5,503,033	65,931,486	9,372,055
Total Straddle Substations	389,333,980	195,191	389,138,789	138,250	56,941	266,846,256	98,683,975	23,608,557
Low Voltage Substations (Less Than 220kV)	89,224,079	640,219	88,583,859	-	640,219	-	88,583,859	-
Total Substations	2,363,018,200	28,828,160	2,334,190,041	28,130,999	697,161	2,123,313,649	187,267,835	23,608,557
Total Lines and Substations	3,935,416,379	186,044,344	3,749,372,035	177,281,805	8,762,539	3,411,802,872	313,960,606	23,608,557

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	177,281,805	8,762,539	186,044,344
Structures	3,411,802,872	313,960,606	3,725,763,478
Total Determined HV/LV	3,589,084,677	322,723,145	3,911,807,822
Percentage:	91.75%	8.25%	100.00%
Transformers	21,660,857	1,947,700	23,608,557
Total HV & LV Gross Plant	3,610,745,534	324,670,845	3,935,416,379

		(\$)				
Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
500 kV Substations:						
Eldorado	5090	13,183	-	66,902,536	-	870,884
230 kV Substations						
Antelope	5052	19,599.18	2,328.98	170,469,095	20,256,904	9,838,411
Bailey	5059	91,894	18,371	16,574,005	3,312,469	1,647,707
Eagle Mountain	5040	-	-	1,530,641	139,151	2,031
Kramer	5042 & 8046	12,102	18,598	5,866,946	9,043,965	1,877,469
Victor	8049	1,473	17,643	5,503,033	65,931,486	9,372,055
Total Straddle Stations		138,250	56,941	266,846,256	98,683,975	23,608,557

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

12-31-2012 Facilities

EKWRA Reconfiguration 2

Assuming EKWRA Reconfiguration HAS NOT occurred

1 = Assuming EKWRA Reconfiguration **HAS** occurred

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

2012 Transmission				2011			Delta			
	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	268,447,150	185,965,995	69.3%	238,723,490	156,698,450	65.6%	29,723,660	29,267,545	12.5%	18.7%
Substation										
352	378,255,078	179,247,170	47.4%	334,506,130	170,948,030	51.1%	43,748,948	8,299,140	13.1%	4.9%
353	4,021,792,062	2,148,172,469	53.4%	3,421,750,787	1,756,511,619	51.3%	600,041,275	391,660,850	17.5%	22.3%
Total Substation	4,400,047,141	2,327,419,640	52.9%	3,756,256,917	1,927,459,649	51.3%	643,790,224	399,959,990	17.1%	20.8%
Lines										
354	\$772,203,666	728,242,650	94.3%	601,728,048	550,516,805	91.5%	170,475,618	177,725,845	28.3%	32.3%
355	603,692,253	148,632,888	24.6%	545,742,641	132,075,054	24.2%	57,949,612	16,557,835	10.6%	12.5%
356	706,020,711	494,953,932	70.1%	617,979,719	421,892,563	68.3%	88,040,992	73,061,369	14.2%	17.3%
357	48,517,033	645,862	1.3%	46,153,376	558,943	1.2%	2,363,657	86,919	5.1%	15.6%
358	208,167,367	3,959,307	1.9%	183,442,133	3,408,604	1.9%	24,725,234	550,703	13.5%	16.2%
359	43,038,583	38,747,355	90.0%	113,892,833	110,352,407	96.9%	(70,854,250)	(71,605,052)	-62.2%	-64.9%
Total Lines	\$2,381,639,613	1,415,181,995	59.4%	2,108,938,749	1,218,804,376	57.8%	272,700,863	196,377,618	12.9%	16.1%
Total Transmission	7,050,133,904	3,928,567,629	55.7%	6,103,919,156	3,302,962,475	54.1%	946,214,747	625,605,154	15.5%	18.9%
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	105,974,872	78,349	0.1%	105,855,062	75,876	0.1%	119,810	2,472	0.1%	3.3%
Structures:										
361	436,830,749	718,565	0.2%	431,350,910	683,247	0.2%	5,479,839	35,318	1.3%	5.2%
362	1,761,037,883	6,051,836	0.3%	1,609,973,202	5,875,711	0.4%	151,064,681	176,125	9.4%	3.0%
Total Structures	2,197,868,632	6,770,401	0.3%	2,041,324,112	6,558,958	0.3%	156,544,520	211,443	7.7%	3.2%
Total Distribution	2,303,843,504	6,848,750	0.3%	2,147,179,174	6,634,835	0.3%	156,664,330	213,915	7.3%	3.2%
Total Transmission & Distribution	9,353,977,407	3,935,416,379	42.1%	8,251,098,330	3,309,597,310	40.1%	1,102,879,077	625,819,069	13.4%	18.9%

The following assumptions have been made in completing this analysis.

1. Devers-Mirage System

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

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

The 2012 Transmission Plant Study shall maintain the ability to adjust for the Antelope-Bailey System split as part of the EKWRA project by maintaining the EKWRA Reconfiguration Option in the Study. The EKWRA project was forecast for 2013, therefore it 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

For purposes of the TO8 2014 FERC Formula Update filing, the 2012 Plant Study reflects the ISO's Operational Control of the 66kV facilities in the Antelope-Bailey System as it existed in 2012.

For purposes of the 2015 CPUC GRC, it is assumed that the EKWRA project has been completed and that the 66kV facilities in the Antelope-Bailey System have been transferred from ISO Operational Control 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 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MOHAVE GENERATING STATION	1320	500KV	-	168,580	9,518,339	9,686,919	-	168,580	9,518,339			
BIG CREEK NO.4	2236	220KV	-	-	2,262,432	2,262,432	-	-	2,262,432			
INYO	2570	115KV	-	287,755	4,190,557	4,478,313	-	287,755	4,190,557			
METRO GOM MAINT	5001	500KV	-	-	34,554,227	34,554,227	-	-	34,554,227			
HARBORGEN SUB	5019	220KV	-	18,729	3,340,925	3,359,654	-	18,729	3,340,925			
EL SEGUNDO SWITCHRACK SUB	5026	220KV	12,470	7,552	1,159,364	1,179,386	12,470	7,552	1,159,364			
MIDWAY SUB	5032	500KV	-	3,616	169,990	173,606	-	3,616	169,990			
PASTORIA SUB	5036	220KV	21,435	974,336	11,355,033	12,350,804	21,435	974,336	11,355,033			
CLWTR SWITCHRACKS 1,2	5044	115KV	-	-	1,486,720	1,486,720	-	-	1,486,720			
MOHAVE SWITCHRACK	5045	500KV	-	1,386	3,509,515	3,510,901	-	1,386	3,509,515			
RANCHO VISTA SUB	5047	500KV	1,844,367	22,497,762	154,001,387	178,343,516	1,844,367	22,497,762	154,001,387			
SYLMAR SUB	5058	750KV	-	19,757	1,802,143	1,821,901	-	19,757	1,802,143			
LUGO SUB	5061	500KV	91,031	4,188,762	117,489,409	121,769,202	91,031	4,188,762	117,489,409			
PISGAH SUB	5065	220KV	-	67,311	2,283,001	2,350,313	-	67,311	2,283,001			
GENE SUB	5066	220KV	-	30,050	1,335,378	1,365,428	-	30,050	1,335,378			
WIND HUB SUB	5079	220KV	1,231,926	8,852,776	195,526,191	205,610,893	1,231,926	8,852,776	195,526,191			
SERRANO SUB	5080	500KV	1,226,475	15,498,111	159,518,522	176,243,107	1,226,475	15,498,111	159,518,522			
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	4,395,954	63,377,466	67,786,602	13,183	4,395,954	63,377,466			
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	13,381,146	14,119,700	-	738,554	13,381,146			
EAST SERIES CAPACITORS 1	5094	500KV	-	861,689	8,168,260	9,029,948	-	861,689	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	119,394,198	127,177,014	51,663	7,731,153	119,394,198			
RP&AS,LND&ESMNT REQUIS	9219	Div Offices & Misc	8,654,656	-	-	8,654,656	8,654,656	-	-			
FOUR CORNERS(NEW MEX)	1330	500KV	-	56,060	7,310,585	7,366,645	-	-	56,060		7,310,585	
EDISON ITAC	1451	Misc	-	-	35,855	35,855	-	-	-		-	35,855
SAN ONOFRE-COMMON 1,2,3	1808	220KV	88,852	-	111,472	200,324	-	-	88,852		-	111,472
SAN ONOFRE-COMMON 2,3	1809	220KV	-	-	6,062,348	6,062,348	-	-	-		-	6,062,348
SAN ONOFRE-UNIT 1	1810	220KV	-	43,554	678,989	722,543	-	-	43,554		-	678,989
SAN ONOFRE-UNIT 2	1812	220KV	-	-	8,504,305	8,504,305	-	-	-		-	8,504,305
SAN ONOFRE-UNIT 3	1818	220KV	-	-	7,851,648	7,851,648	-	-	-		-	7,851,648
SONGS 2,3 SPARE PARTS	1824	220KV	-	-	756,928	756,928	-	-	-		-	756,928
SONGS COMMON 2 & 3- (INC)	1839	220KV	-	-	476,647	476,647	-	-	-		-	476,647
PALOVERDE NUCL GEN PLT-U1	1860	500KV	-	-	2,361,940	2,361,940	-	-	-		-	2,361,940
PALO VERDE-UNIT 2	1864	500KV	-	-	2,452,877	2,452,877	-	-	-		-	2,452,877
PALO VERDE-UNIT 3	1866	500KV	-	-	2,781,057	2,781,057	-	-	-		-	2,781,057
PALOVERDE-COMMON 1,2,3	1867	500KV	7,766	-	2,193,415	2,201,181	-	-	7,766		-	2,193,415
MAMMOTH POOL LAKE-FP 2085	2150	220KV	-	-	24,016	24,016	-	-	-		-	24,016
BIG CREEK CANYON	2202	33kV & Below	-	-	1,641,022	1,641,022	-	-	-		-	1,641,022
PORTAL POWER PLANT	2237	33kV & Below	-	-	68,246	68,246	-	-	-		-	68,246
MAMMOTH POOL	2238	220KV	-	-	2,840,870	2,840,870	-	-	-		-	2,840,870
EASTWOOD POWER STATION	2239	220KV	-	627,754	4,970,075	5,597,829	-	-	627,754		-	4,970,075
HYDRO PRODUCTION	2300	Misc	-	-	10,367	10,367	-	-	-		-	10,367
SNTA ANA RV&MILL CRK CNYN	2301	33kV & Below	-	-	421,924	421,924	-	-	-		-	421,924
LYTLE CRK&SN ANTONIO CNYN	2303	33kV & Below	-	-	140,226	140,226	-	-	-		-	140,226
KERN RIVER CANYON	2305	66KV	-	-	692,140	692,140	-	-	-		-	692,140
KAWEAH RIVER CANYON	2307	66KV	-	-	572,929	572,929	-	-	-		-	572,929
SAN GORGONIO CANYON	2309	33kV & Below	-	-	193,975	193,975	-	-	-		-	193,975
BOREL	2314	66KV	-	1,383	259,591	260,973	-	-	1,383		-	259,591
SANTA ANA NO.1	2315	33kV & Below	-	-	36,406	36,406	-	-	-		-	36,406
SANTA ANA NO.3	2317	33kV & Below	-	-	14,930	14,930	-	-	-		-	14,930
MILL CREEK NO.1	2318	33kV & Below	1,464	-	7,316	8,780	-	-	1,464		-	7,316
MILL CREEK NO.2&3	2319	33kV & Below	-	-	52,080	52,080	-	-	-		-	52,080
KAWEAH NO.1	2324	66KV	-	-	48,507	48,507	-	-	-		-	48,507
KAWEAH NO.2	2325	66KV	-	2,694	51,820	51,820	-	-	2,694		-	49,126
KAWEAH NO.3	2326	66KV	-	-	57,269	57,269	-	-	-		-	57,269
LOWER TULE RIVER	2327	66KV	-	-	50,834	50,834	-	-	-		-	50,834
KERN RIVER NO.3	2328	66KV	-	-	462,406	462,406	-	-	-		-	462,406
ONTARIO NO.1	2331	66KV	-	-	205,914	205,914	-	-	-		-	205,914
EASTERN HYDRO REGION	2500	55KV	-	7,254	-	7,254	-	-	7,254		-	-
BISHOP CREEK CANYON	2501	Misc	-	-	697,220	697,220	-	-	-		-	697,220
MONO BASIN	2503	115KV	-	-	196,344	196,344	-	-	-		-	196,344
Lundy	2510 & 2560	55KV	-	317,627	5,817,879	6,135,506	-	-	317,627		-	5,817,879
POOLE	2512	115KV	-	-	120,052	120,052	-	-	-		-	120,052
RUSH CREEK	2514	115KV	-	-	175,912	175,912	-	-	-		-	175,912
BISHOP CREEK NO.2	2522	55KV	-	-	60,797	60,797	-	-	-		-	60,797
BISHOP CREEK NO.3	2523	55KV	-	-	1,841,377	1,841,377	-	-	-		-	1,841,377
BISHOP CREEK NO.4	2524	55KV	-	-	88,569	88,569	-	-	-		-	88,569
BISHOP CREEK NO.5	2525	55KV	-	-	43,037	43,037	-	-	-		-	43,037

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
BISHOP CREEK NO.6	2526	55kV	-	-	39,098	39,098	-	-	-	-	-	39,098
FISH LAKE VALLEY METERING	2553	55kV	-	1,343	12,150	13,493	-	-	-	-	1,343	12,150
CASA DIABLO	2557	115kV	2,119	290,687	3,525,578	3,818,384	-	-	-	2,119	290,687	3,525,578
LEE VINING	2561	115kV	344	250,528	2,072,018	2,322,890	-	-	-	344	250,528	2,072,018
SHERWIN	2571	115kV	-	100,772	1,046,645	1,147,416	-	-	-	-	100,772	1,046,645
ZACK	2582	55kV	5,433	-	629,851	635,284	-	-	-	5,433	-	629,851
MT. TOM	2598	55kV	-	-	(230)	(230)	-	-	-	-	-	(230)
BRIDGEPORT	2610	-	-	-	4,451	4,451	-	-	-	-	-	4,451
MINARET	2612	-	-	-	5,449	5,449	-	-	-	-	-	5,449
DAF INDAL 500kW WND TURBN	3717	33kV & Below	714	-	-	714	-	-	-	714	-	-
LEBEC SUBSTATION	5016	220kV	-	-	15,138	15,138	-	-	-	-	-	15,138
ARCOGEN SUB	5022	220kV	-	-	963,824	963,824	-	-	-	-	-	963,824
CLWTR SWITCHRACK 3,4 SUB	5046	-	48,136	156,227	3,162,424	3,366,787	-	-	-	48,136	156,227	3,162,424
ORMOND BCH SWITCHRACK SUB	5049	220kV	158,170	34,483	5,075,770	5,268,423	-	-	-	158,170	34,483	5,075,770
SAUGUS SUB	5051	66kV	13,373	1,440,369	27,900,464	29,354,206	-	-	-	13,373	1,440,369	27,900,464
CAMINO SUB	5068	220kV	-	12,697	4,005,250	4,017,947	-	-	-	-	12,697	4,005,250
VELASCO SUB	5072	220kV	-	-	155,442	155,442	-	-	-	-	-	155,442
HUNTINGTON BCH SWITCHRCK	5078	220kV	21,660	24,347	3,570,559	3,616,565	-	-	-	21,660	24,347	3,570,559
TRITON SUB	5095	115kV	2,415,092	-	-	2,415,092	-	-	-	2,415,092	-	-
ALHAMBRA SUB	5101	66kV	-	84,561	3,050,038	3,134,599	-	-	-	-	84,561	3,050,038
BANDINI SUB	5107	66kV	4,583	-	35,949	40,531	-	-	-	4,583	-	35,949
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451	-	-	-	-	-	2,451
WABASH (NEW) SUB	5110	66kV	-	6,566	-	6,566	-	-	-	-	6,566	-
RUSH SUB	5116	66kV	-	-	6,165	6,165	-	-	-	-	-	6,165
MONROVIA SUB	5134	33kV & Below	-	-	17,332	17,332	-	-	-	-	-	17,332
ROSEMEAD SUB	5141	66kV	-	-	22	22	-	-	-	-	-	22
DUARTE SUB	5150	33kV & Below	-	-	18,514	18,514	-	-	-	-	-	18,514
JOSE SUB	5152	-	-	56,769	3,887	60,656	-	-	-	-	56,769	3,887
ARROYO SUB	5158	66kV	-	-	123	123	-	-	-	-	-	123
AMADOR SUB	5161	66kV	-	16,938	190,610	207,548	-	-	-	-	16,938	190,610
FAIR OAKS SUB	5162	33kV & Below	-	-	17,195	17,195	-	-	-	-	-	17,195
JPL SUB	5165	66kV	-	-	3,666	3,666	-	-	-	-	-	3,666
MAYFLOWER SUB	5167	33kV & Below	-	-	91,972	91,972	-	-	-	-	-	91,972
TEMPLE SUB	5170	33kV & Below	-	-	17,367	17,367	-	-	-	-	-	17,367
KIRK WALL SUBSTATION	5178	66kV	3,995	-	-	3,995	-	-	-	3,995	-	-
CITRUS SUB	5185	66kV	-	-	32,136	32,136	-	-	-	-	-	32,136
CORTEZ SUB	5186	66kV	-	-	31,589	31,589	-	-	-	-	-	31,589
RAILROAD SUB	5196	66kV	-	-	4,078	4,078	-	-	-	-	-	4,078
ALHAMBRA DIST SUB TRG FAC	5198	66kV	-	-	2,046,562	2,046,562	-	-	-	-	-	2,046,562
HOWARD SUB	5210	66kV	-	-	14,935	14,935	-	-	-	-	-	14,935
LENNOX SUB	5213	66kV	-	-	17,794	17,794	-	-	-	-	-	17,794
WINDSOR HILLS SUB	5235	66kV	-	-	17,508	17,508	-	-	-	-	-	17,508
YUKON SUB	5241	66kV	4,415	-	-	4,415	-	-	-	4,415	-	-
STANHILL SUB	5273	66kV	-	-	0.01	0.01	-	-	-	-	-	0.01
GOSHEN SUB	5309	66kV	-	-	195,502	195,502	-	-	-	-	-	195,502
STRATHMORE SUB	5325	66kV	-	-	8,744	8,744	-	-	-	-	-	8,744
TULARE SUB	5328	66kV	-	-	276,460	276,460	-	-	-	-	-	276,460
LINE CREEK SUB	5352	33kV & Below	-	-	9,627	9,627	-	-	-	-	-	9,627
RIVERWAY SUB	5374	66kV	801,825	-	-	801,825	-	-	-	801,825	-	-
FILLMORE SUB	5510	66kV	-	5,566	-	5,566	-	-	-	-	5,566	-
ELIZABETH LAKE SUB	5546	66kV	-	-	3,072	3,072	-	-	-	-	-	3,072
NEWBURY SUB	5557	66kV	-	-	682,055	682,055	-	-	-	-	-	682,055
GAVIOTA SUB	5572	66kV	-	-	118,097	118,097	-	-	-	-	-	118,097
RANDALL SUB	5601	66kV	-	-	35,994	35,994	-	-	-	-	-	35,994
TIMOTEO SUB	5604	66kV	-	1,760	-	1,760	-	-	-	-	1,760	-
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-
INLAND CONTAINER SUB	5612	66kV	-	20,750	-	20,750	-	-	-	-	20,750	-
DECLTZ SUB	5615	66kV	-	-	23,032	23,032	-	-	-	-	-	23,032
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	7,606
COLTON CEMENT SUB	5646	66kV	-	20,599	-	20,599	-	-	-	-	20,599	-
NAROD SUB	5648	66kV	-	591,061	-	591,061	-	-	-	-	591,061	-
AMERON SUB	5652	66kV	-	-	541,588	541,588	-	-	-	-	-	541,588
WIMBLEDON SUB	5664	66kV	-	-	17,343	17,343	-	-	-	-	-	17,343
HATHAWAY SUBSTATION	5726	66kV	-	33,231	-	33,231	-	-	-	-	33,231	-
ATHENS SUBSTATION	5727	33kV & Below	-	-	16,863	16,863	-	-	-	-	-	16,863
NAPLES SUBSTATION	5740	33kV & Below	-	-	114,340	114,340	-	-	-	-	-	114,340
WATSON SUBSTATION	5758	66kV	-	-	3,790	3,790	-	-	-	-	-	3,790
SOUTH GATE SUBSTATION	5787	33kV & Below	-	-	17,255	17,255	-	-	-	-	-	17,255
BOVINE SUBSTATION	5788	66kV	-	-	17,101	17,101	-	-	-	-	-	17,101
MOVIE SUBSTATION	5798	66kV	-	-	17,658	17,658	-	-	-	-	-	17,658
MURPHY SUB	5812	66kV	-	-	14,682	14,682	-	-	-	-	-	14,682
CARMENITA SUBSTATION	5814	66kV	-	-	146,427	146,427	-	-	-	-	-	146,427
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-	-	93,280	-
WAVE SUBSTATION	5828	66kV	-	-	17,259	17,259	-	-	-	-	-	17,259

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-	-	-	17,125
OCEANVIEW SUBSTATION	5842	66kV	-	-	58,101	58,101	-	-	-	-	-	58,101
RIVERA SUB	5848	33kV & Below	-	-	8,636	8,636	-	-	-	-	-	8,636
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262	-	-	-	241,262	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802	14,802	-	-	-	-	-	14,802
ESTRELLA SUBSTATION	5865	66kV	-	-	4,372,471	4,372,471	-	-	-	-	-	4,372,471
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289	17,289	-	-	-	-	-	17,289
LAMPSON SUBSTATION	5870	66kV	-	-	43,880	43,880	-	-	-	-	-	43,880
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-	11,308	-	-
TELEGRAPH SUB	5892	66kV	-	12,346	16,160	28,507	-	-	-	-	12,346	16,160
NIGUEL SUBSTATION	5896	66kV	-	-	21,384	21,384	-	-	-	-	-	21,384
LAS LOMAS SUB	5902	66kV	4,664,177	-	-	4,664,177	-	-	-	4,664,177	-	-
IMPERIAL COUNTY ROADWAY(CEP)	7013	-	-	-	1,702	1,702	-	-	-	-	-	1,702
PAUBA(CEP) SUB	8003	115kV	110,643	489,589	3,060,604	3,660,835	110,643	489,589	3,060,604	110,643	489,589	3,060,604
THORNHILL(CEP) SUB	8004	115kV	106,825	757,631	8,163,314	9,027,770	106,825	757,631	8,163,314	106,825	757,631	8,163,314
STADLER(CEP) SUB	8005	115kV	25,609	979,077	7,722,705	8,727,391	25,609	979,077	7,722,705	25,609	979,077	7,722,705
PAN AERO (CEP) SUB	8009	115kV	139,611	748,975	11,116,311	12,004,897	139,611	748,975	11,116,311	139,611	748,975	11,116,311
PHELAND(CEP) SUB	8010	115kV	-	-	641,041	641,041	-	-	-	-	-	641,041
BANWIND SUBSTATION	8011	115kV	154,446	592,230	5,707,486	6,454,162	154,446	592,230	5,707,486	154,446	592,230	5,707,486
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,336,317	8,816,851	-	-	-	-	480,534	8,336,317
BUNKER(CEP) SUB	8014	115kV	969,397	318,393	12,455,141	13,742,931	969,397	318,393	12,455,141	969,397	318,393	12,455,141
FARREL(CEP) SUB	8016	115kV	-	701,412	11,368,831	12,070,243	-	-	-	-	701,412	11,368,831
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	7,718,511	8,676,575	285,201	672,863	7,718,511	285,201	672,863	7,718,511
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,456,803	17,701,320	83,538	1,160,979	16,456,803	83,538	1,160,979	16,456,803
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,736,626	8,133,639	33,940	363,072	7,736,626	33,940	363,072	7,736,626
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	14,297,831	15,032,920	29,280	705,808	14,297,831	29,280	705,808	14,297,831
PEPPER(CEP) SUB	8021	115kV	17,579	43,308	2,103,228	2,164,114	17,579	43,308	2,103,228	17,579	43,308	2,103,228
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,232,589	2,359,744	19,474	107,680	2,232,589	19,474	107,680	2,232,589
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	960,029	972,043	-	-	-	-	12,014	960,029
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	17,802,823	18,552,025	45,514	703,688	17,802,823	45,514	703,688	17,802,823
BAKER(CEP) SUB	8025	115kV	-	39,566	1,854,224	1,893,790	-	-	-	-	39,566	1,854,224
BANNING(CEP) SUB	8026	115kV	20,210	1,557,931	15,517,010	17,095,151	20,210	1,557,931	15,517,010	20,210	1,557,931	15,517,010
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,217,593	12,329,850	22,426	1,089,830	11,217,593	22,426	1,089,830	11,217,593
EDWARDS(CEP) SUB	8028	115kV	-	30,785	2,475,023	2,505,808	-	-	-	-	30,785	2,475,023
HI DESERT(CEP) SUB	8029	66kV	7,644	553,863	8,563,299	9,124,806	7,644	553,863	8,563,299	7,644	553,863	8,563,299
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	3,790,863	3,806,785	-	-	-	-	15,922	3,790,863
RANDSBURG(CEP) SUB	8031	115kV	116	254,918	5,160,393	5,415,427	116	254,918	5,160,393	116	254,918	5,160,393
ROCKET TEST(CEP) SUB	8032	115kV	-	18,045	279,329	297,374	-	-	-	-	18,045	279,329
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,946,116	2,989,785	-	-	-	-	43,669	2,946,116
ZANJA(CEP) SUB	8035	115kV	152,559	1,564,284	5,053,801	6,770,644	152,559	1,564,284	5,053,801	152,559	1,564,284	5,053,801
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	353,420	13,672,370	14,070,479	44,689	353,420	13,672,370	44,689	353,420	13,672,370
NELSON(CEP) SUB	8038	115kV	22,819	182,401	11,040,417	11,245,637	22,819	182,401	11,040,417	22,819	182,401	11,040,417
HOMART(CEP) SUB	8039	115kV	174,875	353,998	4,695,511	5,224,383	174,875	353,998	4,695,511	174,875	353,998	4,695,511
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,932,362	3,300,601	27,167	341,072	2,932,362	27,167	341,072	2,932,362
CALECTRIC SUB (CEP)	8042	115kV	27,870	594,421	7,970,232	8,592,523	27,870	594,421	7,970,232	27,870	594,421	7,970,232
GARNET SUB	8044	115kV	38,081	71,880	4,496,019	4,605,980	38,081	71,880	4,496,019	38,081	71,880	4,496,019
IID TIE SUB	8045	115kV	39,144	-	23,873	63,017	39,144	-	23,873	39,144	-	23,873
TIEFORT SUB	8047	115kV	-	19,707	763,537	783,244	-	-	-	-	19,707	763,537
USBR BLYTHE SUB	8048	161kV	-	64,707	7,773,572	7,838,279	-	-	-	-	64,707	7,773,572
PUREWATER SUB	8059	115kV	-	105,187	1,213,817	1,319,004	-	-	-	-	105,187	1,213,817
WHIRLWIND SUB	8060	-	-	29,095,090	101,384,924	130,480,014	-	-	-	-	29,095,090	101,384,924
SEAWIND T/S	8061	115kV	2,976	463	279,682	283,121	2,976	463	279,682	2,976	463	279,682
TIFFANYWIND SUB	8064	115kV	-	-	4,275	4,275	-	-	-	-	-	4,275
NUSED GALE	8067	115kV	-	-	9,758	9,758	-	-	-	-	-	9,758
CARODEAN	8072	115kV	-	436,151	2,359,288	2,795,439	-	-	-	-	436,151	2,359,288
IVYGLEN SUB	8073	115kV	166,697	1,041,418	7,588,480	8,796,595	166,697	1,041,418	7,588,480	166,697	1,041,418	7,588,480
COOL WATER SWITCHCRACK 1,2	8074	115kV	-	-	1,122,659	1,122,659	-	-	-	-	-	1,122,659
HIGHGROVE SWITCHCRCK	8075	115kV	7,139	178,624	1,487,446	1,673,209	7,139	178,624	1,487,446	7,139	178,624	1,487,446
SUN CITY(NEW)	8078	115kV	119,513	1,887,934	7,556,476	9,563,922	119,513	1,887,934	7,556,476	119,513	1,887,934	7,556,476
AQUEDUCT SUB	8079	115kV	2,880	899,540	9,043,457	9,945,876	2,880	899,540	9,043,457	2,880	899,540	9,043,457
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568	4,625,621	104,923	728,130	3,792,568	104,923	728,130	3,792,568
MENTONE SUB	8082	115kV	161,883	776,330	3,984,507	4,922,720	161,883	776,330	3,984,507	161,883	776,330	3,984,507
CAJALCO SUB	8086	115kV	25,836	244,940	9,585,268	9,856,044	25,836	244,940	9,585,268	25,836	244,940	9,585,268
HEPERIA SUB	8087	115kV	22,150	187,187	4,141,856	4,351,194	22,150	187,187	4,141,856	22,150	187,187	4,141,856
SKYLARK SUB	8088	115kV	81,206	307,101	9,437,302	9,825,609	81,206	307,101	9,437,302	81,206	307,101	9,437,302
MAYBERRY SUB	8089	115kV	23,090	354,225	12,130,821	12,508,136	23,090	354,225	12,130,821	23,090	354,225	12,130,821
PERMANENTE SUB	8090	115kV	-	-	87,113	87,113	-	-	-	-	-	87,113
ELCENTRO TELEMTERING	8091	161kV	-	-	15,844	15,844	-	-	-	-	-	15,844
NILAND TELEMETERING	8092	161kV	-	-	6,807	6,807	-	-	-	-	-	6,807
SHANDIN SUB	8093	115kV	42,272	402,055	8,434,294	8,878,621	42,272	402,055	8,434,294	42,272	402,055	8,434,294
ARROWHEAD SUB	8094	115kV	-	284,371	5,006,813	5,291,184	-	-	-	-	284,371	5,006,813
STETSON SUB	8095	115kV	23,493	319,681	7,427,638	7,770,812	23,493	319,681	7,427,638	23,493	319,681	7,427,638
MARSCHINO SUB	8096	115kV	27,809	1,576,175	9,086,584	10,690,568	27,809	1,576,175	9,086,584	27,809	1,576,175	9,086,584

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
DUNN SIDING SUB	8097	115kV	4,913	7,284	217,755	229,952				4,913	7,284	217,755
EISENHOWER SUB	8098	115kV	189,886	733,642	10,712,483	11,636,011				189,886	733,642	10,712,483
TAMARISK SUB	8099	115kV	125,967	360,370	11,936,079	12,422,415				125,967	360,370	11,936,079
AMARGO SUB	8102	33kV	-	-	20,739	20,739				-	-	20,739
BARSTOW SUB	8110	33kV & Below	-	-	59,447	59,447				-	-	59,447
BLYTHE SUB	8113	33kV & Below	-	-	556,105	556,105				-	-	556,105
BRYMAN SUB	8117	33kV & Below	-	-	6,703	6,703				-	-	6,703
MILITARY SUB	8120	33kV & Below	-	15,598	-	15,598				-	15,598	-
GLEN IVY SUB	8152	33kV & Below	-	-	35,758	35,758				-	-	35,758
HELENDAL SUB	8163	33kV & Below	-	15,110	59,658	74,768				-	15,110	59,658
HINKLEY SUB	8167	33kV & Below	-	-	5,533	5,533				-	-	5,533
MINNEOLA SUB	8190	33kV & Below	-	-	5,725	5,725				-	-	5,725
MORENO SUB	8193	33kV & Below	-	16,207	56,358	72,565				-	16,207	56,358
MURRIETA 2 SUB	8195	33kV & Below	-	-	21,180	21,180				-	-	21,180
MURRIETA SUB	8196	33kV & Below	1,616,115	-	-	1,616,115				1,616,115	-	-
SOUTHCAP SUB.	8197	115kV	-	-	935,935	935,935				-	-	935,935
MUSCOY SUB	8198	33kV & Below	-	-	132,416	132,416				-	-	132,416
BELDING SUB	8204	33kV & Below	-	19,232	-	19,232				-	19,232	-
ORDWAY SUB	8211	33kV & Below	-	-	5,578	5,578				-	-	5,578
PALM CANYON SUB	8214	33kV & Below	-	30,644	-	30,644				-	30,644	-
LUCERNE SUB	8220	33kV & Below	-	6,272	-	6,272				-	6,272	-
RANCHO SUB	8222	33kV & Below	-	-	2,107	2,107				-	-	2,107
RIALTO SUB	8225	33kV & Below	-	17,716	30,776	48,492				-	17,716	30,776
RIDGECREST SUB	8226	33kV & Below	-	-	17,438	17,438				-	-	17,438
SAN JACINTO SUB	8234	33kV & Below	-	-	10,232	10,232				-	-	10,232
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236				-	-	4,236
WILDE SUB	8267	33kV & Below	-	-	47,409	47,409				-	-	47,409
YERMO SUB	8268	33kV	-	-	20,988	20,988				-	-	20,988
CORONA SUB	8279	66kV	-	-	230,081	230,081				-	-	230,081
GALE SUB	8283	33kV & Below	-	-	3,630,063	3,630,063				-	-	3,630,063
FORGE SUB	8297	115kV	-	-	15,516	15,516				-	-	15,516
BUCKWIND	8301	115kV	-	4,640	748,412	753,051				-	4,640	748,412
CAPWIIND	8302	115kV	-	-	8,342	8,342				-	-	8,342
RENWIND	8303	115kV	-	15,102	833,915	849,017				-	15,102	833,915
SANWIND	8304	115kV	-	-	104,029	104,029				-	-	104,029
TRANSWIND	8305	115kV	-	25,366	790,725	816,091				-	25,366	790,725
VENWIND	8306	115kV	-	21,039	2,272,136	2,293,176				-	21,039	2,272,136
ALTWIND	8308	115kV	-	1,022	24,357	25,379				-	1,022	24,357
TERAWIND	8310	115kV	-	5,398	221,599	226,997				-	5,398	221,599
INDIGO SUBSTATION	8311	115kV	-	4,899	84,736	89,635				-	4,899	84,736
CALGEN	8312	115kV	532	1,600	12,970	15,102				532	1,600	12,970
MCGEN	8314	115kV	-	100,993	2,033,246	2,134,240				-	100,993	2,033,246
SEGS II	8320	115kV	-	-	24,702	24,702				-	-	24,702
SEGS III	8321	115kV	-	-	11,755	11,755				-	-	11,755
SEGS IV	8322	115kV	-	-	9,731	9,731				-	-	9,731
SEGS V	8323	115kV	-	-	8,814	8,814				-	-	8,814
SEGS VI	8324	115kV	-	-	29,933	29,933				-	-	29,933
SEGS VII	8325	115kV	-	-	119,704	119,704				-	-	119,704
SEGS VIII	8326	220kV	-	-	83,150	83,150				-	-	83,150
SEGS IX	8327	220kV	-	-	74,085	74,085				-	-	74,085
SOPORT	8340	115kV	-	35,644	654,012	689,655				-	35,644	654,012
NEWCOMB	8342	115kV	51,172	668,136	10,651,191	11,370,499				51,172	668,136	10,651,191
ELSNORE	8343	115kV	20,961	267,730	11,654,626	11,943,317				20,961	267,730	11,654,626
SOUTH BASE SUB	8344	115kV	12,179	138,278	1,878,913	2,029,370				12,179	138,278	1,878,913
INDIAN WELLS SUB	8345	115kV	222,600	827,991	11,695,468	12,746,059				222,600	827,991	11,695,468
PECHANGA SUB	8347	115kV	560,579	844,656	11,028,194	12,433,430				560,579	844,656	11,028,194
MORAGA	8348	115kV	40,720	142,523	17,018,102	17,201,345				40,720	142,523	17,018,102
TANKER SUBSTATION	8351	115kV	120	4,440	696,181	700,741				120	4,440	696,181
PLUESS SUBSTATION	8353	115kV	-	-	151,193	151,193				-	-	151,193
AFG SUBSTATION	8354	115kV	-	78,655	1,076,360	1,155,015				-	78,655	1,076,360
RECTIFIER SUB	8357	115kV	-	5,170	1,089,069	1,094,239				-	5,170	1,089,069
MOUNTWIND SUBSTATION	8359	66kV	-	-	29,688	29,688				-	-	29,688
COSO SUB	8361	115kV	91,119	1,641,118	4,571,328	6,303,565				91,119	1,641,118	4,571,328
MOVAL SUBSTATION	8362	115kV	-	210,631	20,477	231,108				-	210,631	20,477
PHARMACY SUBSTATION	8509	66kV	-	-	43,289	43,289				-	-	43,289
PLASTER SUBSTATION	8558	66kV	4,671	-	-	4,671				4,671	-	-
ONEIL SUBSTATION	8810	66kV	1,188,142	-	-	1,188,142				1,188,142	-	-
CONSTR FIELD FORCES	9009	Div Offices & Misc	-	-	556,936	556,936				-	-	556,936
TELCOMM-ALHAMBRA	9310	Misc	327,844	-	-	327,844				327,844	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631				631	-	-
CUMMINGS SUB	5357	66kV	-	-	96,660	96,660	-	-	96,660	-	-	-
MONOLITH SUB	5358	66kV	-	-	1,261,516	1,261,516	-	-	1,221,153	-	-	40,363
ACTON SUB	5365	66kV	24,167	-	-	24,167	3,896	-	-	20,272	-	-
DEL SUR SUB	5508	66kV	-	-	416,587	416,587	-	-	392,256	-	-	24,331

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
GOLDTOWN SUB	5511	66kV	-	-	485,768	485,768	-	-	472,674	-	-	13,094
LANCASTER SUB	5514	66kV	-	-	1,097,277	1,097,277	-	-	1,047,009	-	-	50,268
LITTLE ROCK SUB	5518	66kV	-	-	1,246,632	1,246,632	-	-	379,396	-	-	867,236
SHUTTLE SUB	5522	66kV	-	-	1,018,976	1,018,976	-	-	798,318	-	-	220,658
REDMAN WUB	5530	66kV	-	-	276,828	276,828	-	-	276,510	-	-	318
ANAVEDE SUB	5539	66kV	-	-	57,910	57,910	-	-	57,910	-	-	-
ROSAMOND SUB	5541	66kV	-	-	560,192	560,192	-	-	560,192	-	-	-
PIUTE SUB	5545	66kV	-	-	140,209	140,209	-	-	140,209	-	-	-
OASIS SUB	5548	66kV	-	-	614,778	614,778	-	-	400,684	-	-	214,093
CAL CEMENT SUB	5553	66kV	-	4,529	231,735	231,735	-	3,113	231,735	-	1,416	-
PALMDALE SUB	5564	66kV	-	-	720,467	720,467	-	-	694,888	-	-	25,579
QUARTZ HILL SUB	5566	66kV	-	-	195,678	195,678	-	-	195,678	-	-	-
HELIJET SUB	5599	66kV	-	-	488,671	488,671	-	-	346,134	-	-	142,537
RITTER SUB	8504	66kV	942,423	-	-	942,423	355,559	-	-	586,864	-	-
BIG CREEK NO.1	2211	220kV	-	77,314	8,144,218	8,221,533	-	25,582	3,077,165	-	51,732	5,067,054
BIG CREEK NO.8	2229	220kV	-	282,649	2,338,173	2,620,822	-	228,151	1,885,179	-	54,498	452,994
BIG CREEK NO.3	2230	220kV	-	588,297	12,462,294	13,050,590	-	582,927	11,103,288	-	5,370	1,359,005
CONTROL STATION	2556	115kV	-	1,481,587	15,229,785	16,711,372	-	1,232,630	13,146,342	-	248,957	2,083,443
EAGLE ROCK SUB	5011	220kV	19,613	1,055,321	18,681,506	19,756,440	4,676	253,948	4,451,794	14,937	801,373	14,229,712
MESA SUB	5012	220kV	169,249	5,837,344	39,674,711	45,681,304	48,683	1,662,804	11,428,368	120,566	4,174,540	28,246,343
RIO HONDO SUB	5013	220kV	457,530	1,144,750	47,888,665	49,490,945	57,866	144,783	6,056,754	399,663	999,967	41,831,912
WALNUT SUB	5014	220kV	97,955	2,208,450	27,780,884	30,087,289	30,169	680,167	8,556,065	67,786	1,528,283	19,224,819
GOULD SUB	5015	220kV	29,300	554,622	18,521,810	19,105,733	6,757	127,897	4,304,870	22,544	426,726	14,216,940
LA FRESA SUB	5021	220kV	101,370	4,603,204	35,357,775	40,062,349	29,878	1,357,387	10,432,137	71,492	3,245,817	24,925,638
EL NIDO SUB	5023	220kV	285,620	3,319,375	22,213,816	25,818,811	55,628	646,494	4,326,446	229,991	2,672,881	17,887,370
LA CIENEGA SUB	5024	220kV	2,100,227	3,940,663	15,315,445	21,356,334	728,717	1,367,294	5,314,010	1,371,510	2,573,368	10,001,434
ALAMITOS SWITCHRACK SUB	5025	220kV	63,557	95,628	12,668,305	12,827,490	29,150	43,859	5,810,223	34,407	51,769	6,858,082
LG BCH SWITCHRACK SUB	5027	220kV	97,213	1,323,464	6,442,033	7,862,711	59,703	812,803	3,956,365	37,510	510,661	2,485,669
REDONDO SWITCHRACK SUB	5028	220kV	13,018	39,761	5,699,756	5,752,535	9,041	27,612	3,958,216	3,978	12,149	1,741,540
MAGUNDEN SUB	5031	220kV	8,363	1,053,144	14,486,716	15,548,223	7,854	989,825	13,603,554	509	63,318	883,162
RECTOR SUB	5033	220kV	394,843	12,856,883	95,080,404	108,332,130	197,131	6,542,473	47,669,989	197,712	6,314,410	47,410,415
SPRINGVILLE SUB	5034	220kV	12,198	956,139	23,023,844	23,992,180	3,709	252,708	7,038,474	8,489	703,431	15,985,370
VESTAL SUB	5035	220kV	7,243	1,318,486	16,999,314	18,325,043	2,026	369,875	4,754,687	5,217	488,611	12,244,627
EAGLE MT. SUB	5040	220kV	-	242,739	7,113,017	7,355,756	-	78,109	1,593,713	-	164,631	5,519,303
CIMA SUB	5043	220kV	1,824	17,123	2,917,208	2,936,155	233	2,183	371,964	1,591	14,940	2,545,244
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	12,099	2,583,139	2,644,342	538	132	28,728	48,567	11,966	2,554,412
PARDEE SUB	5050	220kV	970,263	2,943,617	21,100,442	25,014,323	773,576	2,346,901	16,823,061	196,687	596,716	4,277,381
ANTELOPE SUB	5052	220kV	21,983	1,599,655	199,463,949	201,085,587	21,928	1,595,684	198,968,726	55	3,971	495,223
SANTA CLARA SUB	5053	220kV	140,739	1,454,420	46,604,010	48,199,169	36,456	376,704	11,625,633	104,283	1,077,716	34,978,377
GOLETA SUB	5055	220kV	236,194	900,615	25,669,206	26,806,015	94,531.49	360,413.42	10,128,286.26	141,662.06	540,202.04	15,540,919.41
MOORPARK SUB	5056	220kV	184,091	3,522,962	53,659,029	57,366,083	18,854	360,819	5,495,717	165,237	3,162,143	48,163,312
BAILEY SUB	5059	220kV	111,063	895,918	20,789,603	21,796,584	110,265	889,477	20,644,705	798	6,441	144,898
PADUA SUB	5060	220kV	149,547	2,130,012	39,013,496	41,293,055	36,702	522,754	9,581,047	112,845	1,607,259	29,432,449
CHINO SUB	5062	220kV	34,465	2,628,609	36,059,077	38,722,151	8,003	592,196	8,390,986	26,462	2,036,413	27,668,091
JULIAN HINDS SUB	5063	220kV	-	2,215	804,742	806,957	-	1,546	561,775	-	669	242,968
VISTA SUB	5064	220kV	52,109	7,782,073	61,954,034	69,788,216	11,951	1,790,396	14,318,561	40,158	5,991,676	47,635,473
DEVERS SUB	5067	500kV	285,546	8,983,870	170,077,332	179,346,748	255,357	8,100,833	152,029,503	30,189	883,037	18,047,829
MIRA LOMA SUB	5069	500kV	477,276	13,056,655	165,209,214	178,743,146	390,303	10,585,829	135,135,822	86,974	2,470,826	30,073,392
HINSON SUB	5071	220kV	678,278	558,157	23,976,410	25,212,844	165,150	133,229	5,474,647	513,127	424,928	18,501,763
LIGHTHIPE SUB	5073	220kV	164,680	8,576,306	33,231,716	41,972,701	58,749	3,059,585	11,855,367	105,930	5,516,721	21,376,349
LAGUNA BELL SUB	5074	220kV	131,263	1,705,461	41,015,366	42,852,089	40,326	683,552	12,441,092	90,936	1,021,909	28,574,274
DEL AMO SUB	5075	220kV	185,982	1,295,057	42,434,253	43,915,292	18,921	131,755	3,959,041	167,061	1,163,301	38,475,212
BARRE SUB	5081	220kV	86,188	2,135,948	51,106,920	53,329,056	25,273	624,825	15,021,415	60,914	1,511,123	36,085,505
VILLA PARK SUB	5082	220kV	270,570	2,975,123	30,071,092	33,316,785	63,555	698,432	7,074,372	207,015	2,276,692	22,996,720
VIEJO SUBSTATION	5083	220kV	13,285,974	8,545,839	29,262,022	51,093,834	1,906,171	1,226,068	4,198,318	11,379,803	7,319,771	25,063,704
CENTER SUB	5084	220kV	72,253	3,117,399	34,499,326	37,688,979	9,240	287,147	4,523,650	63,013	2,830,252	29,975,676
JOHANNA SUB	5085 & 5881	220kV	813,416	3,395,692	14,815,412	19,024,520	277,087	1,156,380	5,667,251	536,329	2,239,312	9,148,161
ELLIS SUB	5086	220kV	59,737	1,291,592	51,967,109	53,318,439	11,304	248,977	9,591,705	48,433	1,042,615	42,375,404
OLINDA SUB	5087	220kV	390,538	1,623,588	23,048,853	25,062,980	84,180	349,963	4,968,157	306,358	1,273,625	18,080,696
SANTIAGO SUB	5088	220kV	557,976	1,640,440	33,785,245	35,983,662	95,927	282,025	5,808,369	462,049	1,358,415	27,976,876
ETIWANDA SWITCHRACK SUB	5096	220kV	186,144	3,835,096	47,147,090	51,168,331	38,825	799,896	9,864,812	147,319	3,035,201	37,282,278
EL CASCO SUBSTATION	8006	220kV	-	29,894,610	52,342,258	82,236,868	-	3,315,758	5,805,536	-	26,578,852	46,536,722
MIRAGE(CEP) SUB	8012	220kV	629,541	4,249,924	39,692,976	44,572,441	148,072	1,018,534	9,317,115	481,469	3,321,391	30,375,861
TORTILLA(CEP) SUB	8037	115kV	17,114	94,615	6,600,605	6,712,333	2,228	12,138	859,610	14,885	82,477	5,740,995
VICTOR SUB	8049	220kV	22,088	13,035,925	80,335,015	93,393,028	19,116	11,414,104	69,392,471	2,972	1,621,821	10,942,544
CHEVMAIN	8063	220kV	-	253,369	15,410,458	15,663,827	-	59,686	3,630,204	-	193,684	11,780,253
Inyokern (CEP) & Inyokern	5041 & 8040	115kV	7,964	103,562	6,773,479	6,885,006	4,950	64,210	4,209,840	3,015	39,352	2,563,639
Kramer & Kramer-Radial Line Agmt	5042 & 8046	220kV	48,811	658,951	26,028,469	26,736,231	30,700	414,476	16,373,904	18,112	244,474	9,654,566
Vincent	5054 & 8954	500kV	8,894,344	6,653,475	114,004,295	129,552,114	8,892,357	6,555,670	112,188,706	1,986	97,805	1,815,590
Valley & Valley - CEP	5070 & 8034	500kV	314,771	37,788,071	165,128,228	203,231,069	124,449	20,566,814	59,774,919	190,122	17,221,258	105,353,309
San Onofre Switchrack	8051-8055	220kV	-	3,441,217	18,849,071	22,290,287	-	1,974,297	10,759,092	-	1,466,920	8,089,979
San Bernardino-220kv Switchyard & 220kv to	8076 & 1999	115kV	302,392	3,745,230	34,637,403	38,685,025	101,510	1,257,237	11,664,062	200,882	2,487,993	22,973,342
MIDWAY-VINCENT LINES 1&2	4026	-	2,910,822	-	27,105	2,937,927	2,910,822	-	27,105	-	-	-
DWP-EDSN CELILO-SYLMR LN	4031	-	-	95,841	-	95,841	-	95,841	-	-	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
DWP-EDSN CELULO-SYLUM LN	4034		-	541	-	541	-	541	-	-	-	-
PARDEE-SYLUM LINES 1&2	4045		179,131	20,864	-	199,995	179,131	20,864	-	-	-	-
EAGLE ROCK-SYLUM LNE	4046		186,657	-	-	186,657	186,657	-	-	-	-	-
PARDEE-VINCENT LINE CONST	4059		13,002	-	-	13,002	13,002	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4070		61,040	-	-	61,040	61,040	-	-	-	-	-
MANY TRANSMISSION LINES	4101		1,458,517	278,181	98,475	1,835,173	1,418,340	318,030	95,762	40,178	(39,849)	2,713
COGEN/RENEWABLE ENERGY SO	4102		1,466,128	-	-	1,466,128	831,624	-	-	634,504	-	-
ISO 66KV LINES	4103		(99)	-	-	(99)	-	-	-	(99)	-	-
DEVERS-HINS LN, OTHERS	4104		1,331,335	-	-	1,331,335	1,253,514	33,936	-	77,821	(33,936)	-
33 AND 66 KV LINES	4105		31,965,989	307,314	1,071,634	33,344,938	3,404,713	127,315	122,810	28,561,276	180,000	948,825
COGEN/RENEW ENGY SOURCES	4106		563,121	-	-	563,121	1,285	-	-	561,836	-	-
ANTELOPE/MESA LINE, OTHER	4107		2,639,357	303,336	-	2,942,693	2,398,750	296,716	-	240,607	6,621	-
CHINO-SERRANO/SN ONFRE LN	4108		8,067,991	3,035,777	-	11,103,767	8,077,005	3,039,168	-	(9,014)	(3,392)	-
BIG CRK 3-BIG CRK 4	4111		1,944	-	-	1,944	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113		793,531	-	-	793,531	793,531	-	-	-	-	-
ALAMITOS-MESA LN, OTHERS	4114		3,210,560	533,210	661,182	4,404,952	3,063,735	514,387	630,945	146,825	18,823	30,237
HINSON-LIGHTHIE 1&2	4115		1,607,024	531,635	2,149	2,140,808	1,607,024	531,635	2,149	-	-	-
HINSON-LAFRESA, OTHERS	4116		3,594,552	169,091	2,065	3,765,709	3,594,552	169,091	2,065	-	-	-
ELDRDO-CIMA-PISGAH LN1,2	4117		1,005,476	7,084	12,857	1,025,417	1,005,476	7,084	12,857	-	-	-
MRA LMA-VLL PK LNS, OTHR	4118		5,639,405	86,461	2,260	5,723,328	5,223,328	195,177	2,093	416,077	(108,717)	167
CENTER-MESA LN, OTHERS	4119		2,099,654	16,166	101	2,115,921	1,793,600	72,242	1,159	306,054	(56,076)	(1,058)
ALAMITOS-CENTER, OTHERS	4120		4,270,244	298,150	3,380	4,571,774	3,691,261	276,896	2,922	578,983	21,254	458
BIG CREEK 4-SPRGVLL-MGDN	4121		281,784	-	-	281,784	281,784	-	-	-	-	-
LUGO-VINCENT LINES 1&2	4123		1,734,921	-	16,633	1,751,554	1,734,921	-	16,633	-	-	-
BIG CRK 1-CMP TEN-...-PRTL	4124		485	-	-	485	-	-	-	485	-	-
GOLETA-SNTA CLARA, OTHERS	4125		11,414,612	1,761,946	1,918	13,178,476	8,492,875	1,316,772	1,427	2,921,737	445,173	491
NORTH BOULDER-MEAD, OTHER	4127		19,842	-	-	19,842	19,842	-	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129		34,937	-	-	34,937	-	-	-	34,937	-	-
MOHAVE-LUGO 500KV	4130		157,990	-	-	157,990	157,990	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132		3,146	-	-	3,146	3,132	-	-	14	-	-
BOREL-...-WALKER 66KV LN	4133		50,020	-	-	50,020	-	-	-	50,020	-	-
LUGO-VICTOR LNS, OTHER	4135		2,211,889	(70)	-	2,211,819	1,443,530	(46)	-	768,359	(24)	-
LUGO-ELDORADO LN	4136		1,330,373	-	-	1,330,373	1,330,373	-	-	-	-	-
LUGO-ELDORADO LN	4137		16,589	-	-	16,589	16,589	-	-	-	-	-
LUGO-MIRA LOMA 2&3	4138		9,600,704	211,083	98	9,811,886	9,600,704	702,558	98	-	(491,475)	-
SPRGVLL-TULE 66KV LN	4139		517	-	-	517	-	-	-	517	-	-
MOHAVE-LUGO 500 KV LN	4140		278,112	-	-	278,112	278,112	-	-	-	-	-
MOHAVE-ELDORADO LN	4141		76,199	-	-	76,199	76,199	-	-	-	-	-
BOREL-WELDON 66KV LN	4142		25,409	-	-	25,409	-	-	-	25,409	-	-
ELDORADO-BORDER 500 KV LN	4143		6,167	-	-	6,167	6,167	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144		9,994	-	-	9,994	9,994	-	-	-	-	-
VINCENT-PARDEE LN 2	4147		3,858,246	-	1,880	3,860,126	3,858,246	-	1,880	-	-	-
MIRA LOMA-SERRANO LN	4148		1,696,736	-	-	1,696,736	1,696,736	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149		232	-	-	232	-	-	-	232	-	-
VINCENT-PEARBLOSSOM LN	4153		309,032	-	-	309,032	-	-	-	309,032	-	-
LUGO-VICTORVLL EDSON-DWP	4154		751,549	-	-	751,549	751,549	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155		5,826,541	-	-	5,826,541	5,826,541	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156		12,019,808	-	-	12,019,808	12,019,808	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4157		105,605	18,610	-	124,216	105,605	18,610	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158		498,252	-	-	498,252	-	-	-	498,252	-	-
BIG CRK 2-BIG CRK 8	4166		(63,110)	-	-	(63,110)	(63,110)	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168		4,331	-	-	4,331	-	-	-	4,331	-	-
BIG CRK 1-RECTOR, OTHER	4169		5,649,704	-	2,701	5,652,405	5,471,226	-	2,616	178,478	-	85
DEVERS-PALO VERDE	4185		12,533,939	-	-	12,533,939	12,533,939	-	-	-	-	-
DEVERS-PALO VERDE	4186		1,193,710	-	-	1,193,710	1,193,710	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187		10,444,073	-	-	10,444,073	10,444,073	32,102	-	-	(32,102)	-
SERRANO-VALLEY LN	4188		2,855,826	8,043	-	2,863,870	2,855,826	229,619	-	-	(221,576)	-
SERRANO-VILLA PK LN 1,2,3	4189		78,248	-	-	78,248	78,248	-	-	-	-	-
VARIOUS 66KV LINES	4200		-	465,310	-	465,310	-	-	-	-	465,310	-
E.MAGUNDEN-ANTELOPE 220KV	4207		-	25,798	-	25,798	-	-	-	-	25,798	-
ALL 66KV T/L-METRO REGION	4305		-	-	81,391	81,391	-	-	-	-	-	81,391
ANTELOPE-MESA 220 KV LN	4307		-	23,142	-	23,142	-	-	-	-	23,142	-
EAGLE ROCK-MESA 220KV LN	4314		-	9	-	9	-	-	-	-	9	-
CENTER-MESA 220KV LN	4319		-	37,768	-	37,768	-	-	-	-	37,768	-
MESA-REDONDO 220KV LN	4414		-	5,819	-	5,819	-	-	-	-	5,819	-
CENTER MESA&OLINDA 220KV	4419		-	17,925	1,256	19,181	-	-	-	-	17,925	1,256
DEVERS-HINDS 220KV LNS	4504		-	36,042	-	36,042	-	-	-	-	36,042	-
33 & 66KV LINES IN ESTRN R	4505		-	56,524	-	56,524	-	-	-	-	56,524	-
ETIWANDA-PADUA 220KV LN	4518		-	124,264	-	124,264	-	-	-	-	124,264	-
MIRA LOMA-WALNUT 220KV LN	4519		-	12,710	-	12,710	-	-	-	-	12,710	-
LUGO-MIRA LOMA NO. 1&2	4538		-	491,475	-	491,475	-	-	-	-	491,475	-
DESERT REGION 115KV LINES	4570		-	50,888	-	50,888	-	-	-	-	50,888	-
DEVERS-VALLEY 500 KV LNS	4587		-	25,661	-	25,661	-	-	-	-	25,661	-
BAILEY-PARDEE 220 KV LN	4601		-	48,858	-	48,858	-	-	-	-	48,858	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
TRANSMISSION SUBSTATION FACILITIES (350 - 353)
(\$)

DESCRIPTION	LOCATION NUMBER	Voltage	TRANSMISSION ACCOUNTS			A/C 350-353 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment		A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
33&66KV LNS IN NRTHEN T/S	4605		-	235,738	-	235,738	-	-	-	-	235,738	-
MOORPARK-PARDEE 200KV LN	4625		-	7,825	-	7,825	-	-	-	-	7,825	-
ANTELOPE-PARDEE	4644		3,934,890	-	-	3,934,890	3,934,890	-	-	-	-	-
EASTERN T/S REG	4700		33,305	10,543	1,233	45,081	-	-	-	33,305	10,543	1,233
CORONA-JEFFERSON 66 KV LN	4705		243,215	3,296	-	246,510	94,331	1,278	-	148,884	2,017	-
ANTELOPE-WINDHUB 500KV LN	4708		17,581,405	-	-	17,581,405	17,581,405	-	-	-	-	-
WINDHUB-HIGHWIND 230KV LN	4709		-	-	9,640,082	9,640,082	-	-	9,640,082	-	-	-
ANTELOPE - VINCENT #2 500KV	4712		8,656,649	-	-	8,656,649	8,656,649	-	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730		10,585	-	-	10,585	-	-	-	10,585	-	-
BISHOP CRK55&115KV LINES	4735		138	-	-	138	-	-	-	138	-	-
115 KV LNS, ESTN T/S REG	4750		14,320,383	2,902	173,059	14,496,345	3,934,625	41,004	47,530	10,385,759	(38,102)	125,530
DEVERS-SN BRDNO 220 KV LN	4756		1,079,577	-	-	1,079,577	1,079,577	-	-	18	-	-
BLTYHE-EAGLE MT 161 KV LN	4759		33,310	-	-	33,310	33,310	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781		1,277	-	-	1,277	1,277	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4782		165,196	-	-	165,196	165,196	-	-	-	-	-
SAN JACINTO REGION 115KV	4950		-	95,508	-	95,508	-	-	-	-	95,508	-
DEVERS-VALLEY 500KV	4987		-	6,441	-	6,441	-	-	-	-	6,441	-
VALLEY-SERRANO 500 KV LN	4988		-	221,576	-	221,576	-	-	-	-	221,576	-
TOTAL TRANSMISSION SUBSTATIONS			\$ 268,311,852	\$ 371,189,232	\$ 3,948,497,707	\$ 4,587,998,792	\$ 185,872,268	\$ 175,898,814	\$ 2,109,023,524	\$ 82,439,584	\$ 195,290,419	\$ 1,839,474,183

Recalc based on all other TS locations

Allocation % to use

MOUNTAINVIEW POWER-COMMON	1250		-	-	23,588,992	23,588,992	69.27%	47.39%	53.41%	30.73%	52.61%	46.59%
PALOVERDE-SWITCHYARD	1869	500KV	-	2,465,520	7,901,074	10,366,594	-	1,168,358	4,220,226	-	1,297,162	3,680,849
PV UNIT 1-INCREMENTAL	1870		-	-	194,959	194,959	-	-	104,134	-	-	90,825
BIG CREEK NO.2	2212	220KV	-	-	1,516,246	1,516,246	-	-	809,877	-	-	706,369
BIG CREEK NO.2A	2234	220KV	-	-	1,031,434	1,031,434	-	-	550,923	-	-	480,511
KERN RIVER NO.1	2313	66KV	-	4,184	354,262	358,446	-	1,983	189,223	-	2,201	165,039
MET T/S REGION	4300	Transmission Line	-	131,348	14,696	146,044	-	62,243	7,849	-	69,105	6,846
COASTAL T/S REGION	4400	Transmission Line	3,127	-	12,363	15,490	2,166	-	6,604	961	-	5,760
ALL 66KV T/L-COASTAL REGN	4405	66KV	-	11,937	-	11,937	-	5,657	-	-	6,280	-
ALAMITOS-CENTER....	4420		-	22,178	-	22,178	-	10,510	-	-	11,668	-
EASTERN T/S REGION	4500	Transmission Line	-	78,929	21,657	100,585	-	37,403	11,567	-	41,526	10,089
ISO 115KV T/L	4513	115KV	5,898	-	-	5,898	4,086	-	-	1,812	-	-
NRTHN T/S REGION	4600	Transmission Line	-	106,618	21,515	128,133	-	50,524	11,492	-	56,094	10,023
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	2,931	32,032	3,630	38,593	2,030	15,179	1,939	900	16,853	1,691
S/E DIV., 66KV LINES	4805	66KV	-	118,500	-	118,500	-	56,155	-	-	62,345	-
VARIOUS 220KV LINES	4808	220KV	-	2	-	2	-	1	-	-	1	-
SUBSTN DIV	5000	Misc	-	-	3,270,205	3,270,205	-	-	1,746,725	-	-	1,523,480
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,713,424	-	3,836,766	85,445	1,759,714	-	37,897	1,953,710	-
METRO REGION	5100		-	-	265,939	265,939	-	-	142,047	-	-	123,892
NEENACH SUB	5556	66KV	-	-	22,914	22,914	-	-	12,239	-	-	10,675
BARSTOW NO RGN-SAN BERDOO	6072	CSTMTR SRVC FAC.	-	7,617	-	7,617	-	3,610	-	-	4,007	-
VENTURA COUNTY	7056		-	-	74,798	74,798	-	-	39,952	-	-	34,846
B&A-T/S 3RD FLOOR-GO3	9010	Misc	-	-	823	823	-	-	440	-	-	384
CHINO OFC BLDG (FACILITY)	9024		-	373,558	-	373,558	-	177,021	-	-	196,536	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	30,070,148	30,070,148	-	-	16,061,463	-	-	14,008,685
FUELS	9203	Misc	-	-	341,890	341,890	-	-	182,615	-	-	159,275
INNOVATION VILLAGE 1	9221		-	-	1,509,815	1,509,815	-	-	806,442	-	-	703,373
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	-	2,962,532	2,962,532	-	-	1,582,386	-	-	1,380,145
TELECOMM-ALHAMBRA	9330		-	-	90,909	90,909	-	-	48,558	-	-	42,352
CONWAY SUMMIT COMM SITE	9339		-	-	23,556	23,556	-	-	12,582	-	-	10,974
Total Locations Reclac'd			\$ 135,298	\$ 7,065,846	\$ 73,294,355	\$ 80,495,499	\$ 93,727	\$ 3,348,357	\$ 39,148,945	\$ 41,571	\$ 3,717,489	\$ 34,145,410

ISO/Non-ISO/Mix/Trans Line Summary	ISO Total	13,148,650	66,566,926	930,106,182	1,009,821,759	13,148,650	66,566,926	930,106,182				
	Non-ISO Total	16,363,361	65,404,183	690,490,159	772,257,703				16,363,361	65,404,183	690,490,159	
	Mix Total	34,658,118	229,528,838	2,316,099,907	2,580,286,864	15,507,433	101,291,066	1,168,307,210	19,150,685	128,237,772	1,147,792,697	
	Trans Line Total	204,141,722	9,689,285	11,801,459	225,632,466	157,216,184	8,040,821	10,610,132	46,925,538	1,648,464	1,191,327	
	Allocation Total	135,298	7,065,846	73,294,355	80,495,499	93,727	3,348,357	39,148,945	41,571	3,717,489	34,145,410	

Total Transmission Substations	\$ 268,447,150	\$ 378,255,078	\$ 4,021,792,062	\$ 4,668,494,291	\$ 185,965,995	\$ 179,247,170	\$ 2,148,172,469	\$ 82,481,155	\$ 199,007,908	\$ 1,873,619,593		
---------------------------------------	-----------------------	-----------------------	-------------------------	-------------------------	-----------------------	-----------------------	-------------------------	----------------------	-----------------------	-------------------------	--	--

ation Data 12-2012.xlsx Year End Balance Tab B1213 - D1213

Check	268,447,150	378,255,078	4,021,792,062	
	-	-	-	

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 13 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										TOTAL
		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359		
<u>1000kV TRANSMISSION LINES</u>															
CEILO-SYLMAR HV DC - CALIF.		4031	336.18	336.18	0	95,841	0	27,220,053	0	14,199,125	0	0	136,841	41,651,859	
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	19,830,552	0	0	805,712	55,651,305	
TOTAL 1000kV T/L'S			625.90	625.90	0	96,382	0	34,918,660	0	19,830,552	0	0	805,712	55,651,305	
<u>500kV TRANSMISSION LINES</u>															
DEVERS-PALO VERDE - CALIF.		4185	126.45	126.45	12,533,939	0	0	28,773,133	0	21,381,649	0	1,151,660	453,081	64,293,463	
DEVERS-PALO VERDE - ARIZONA		4186	112.05	112.05	1,193,710	0	0	17,297,411	0	24,561,571	0	0	147,245	43,199,936	
TOTAL DEVERS-PALO VERDE			238.50	238.50	13,727,649	0	0	46,070,544	0	45,943,220	0	1,151,660	600,326	107,493,399	
DEVERS-VALLEY		4187	41.60	41.60	10,444,073	32,102	0	21,195,906	0	11,949,087	0	0	4,790,336	48,411,504	
ELDORADO-LUGO - CALIF.		4136	150.67	150.67	1,330,373	0	0	13,561,291	2,050,347	10,632,414	0	0	117,747	27,692,173	
ELDORADO-LUGO - NEVADA		4137	26.51	26.51	16,589	0	0	2,027,936	0	1,784,137	0	0	20,088	3,848,751	
TOTAL ELDORADO-LUGO			177.18	177.18	1,346,962	0	0	15,589,228	2,050,347	12,416,552	0	0	137,835	31,540,924	
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	12,199,612	1,405,822	9,646,326	0	0	329,333	23,859,205	
TOTAL LUGO-MOHAVE			175.81	175.81	436,101	0	0	12,620,245	1,405,822	10,163,781	0	0	348,384	24,974,333	
LUGO-MIRA LOMA No.2		4138	30.59	96.51	3,043,052	222,684	31	8,352,557	37,477	5,848,489	0	0	200,592	17,704,882	
LUGO-MIRA LOMA No. 3		4138	31.42	96.51	3,125,981	228,752	32	8,580,180	38,499	6,007,872	0	0	206,058	18,187,373	
LUGO-RANCHO VISTA		4138	26.97	96.51	2,683,471	196,370	27	7,365,580	33,049	5,157,404	0	0	176,889	15,612,790	
MIRA LOMA-RANCHO VISTA		4138	7.52	96.51	748,201	54,752	8	2,053,659	9,215	1,437,979	0	0	49,320	4,353,134	
TOTAL LUGO-MIRA LOMA			96.51	96.51	9,600,704	702,558	98	26,351,975	118,240	18,451,745	0	0	632,859	55,858,180	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 14 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
					350	352	353	354	355	356	357	358	359		
LUGO-VICTORVILLE (SCE PORTION)		4154	7.57	7.57	751,549	0	0	1,157,577	0	759,625	0	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	9,645,470	42,661	11,465,681	0	0	397,593	23,019,725	
MIDWAY-VINCENT No. 2		4026	112.80	225.49	1,456,049	0	13,558	9,653,935	42,698	11,475,743	0	0	397,942	23,039,926	
VINCENT-WHIRLWIND & WHIRLWIND-MIDWAY		4155	52.62	52.62	5,826,541	0	0	7,540,671	0	4,596,684	0	0	187,772	18,151,668	
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	2,855,826	229,619	0	22,909,118	515,653	14,833,343	0	0	2,448,260	43,791,820	
ANTELOPE-WHIRLWIND 500KV LN		4710	14.49	14.49	0	0	0	41,258,449	0	24,462,030	0	0	3,792,243	69,512,722	
WHIRLWIND-WINDHUB 500KV		4711	16.13	16.13	0	0	0	36,462,370	123,730	20,514,888	0	0	6,930,122	64,031,111	
ANTELOPE-VINCENT No. 2		4712	17.42	17.42	8,656,649	0	0	88,439,515	0	8,512,074	0	0	0	105,608,238	
MIRA LOMA SUBSTATION		5069			Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	98,999	0	0	0	0	98,999	
VALLEY SUB		5070			Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	3,572	1,754	0	0	0	5,326	
SERRANO SUB		5080			Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	0	0	0	0	2,236,590	2,236,590	
EL DORADO SUB		5090			Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	0	0	0	0	92,479	92,479	
SYLMAR-PAC INTERTIE		8958			Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	2,505,376	0	359,913	0	0	0	2,865,290	
TOTAL 500KV T/L'S			1,316.84	1,635.90	60,070,900	964,279	43,836	371,286,184	4,401,722	214,002,091	0	1,151,660	23,448,597	675,369,269	

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 15 of 59

CIRCUIT N	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
220kV TRANSMISSION LINES														
ANTELOPE WINDHUB (\$56M)		4708	25.70	25.70	17,581,405	0	0	13,746,933	30,818,084	19,251,107	0	0	0	81,397,529
ANTELOPE-PARDEE (\$132M) <i>Built as 500kV energized as 220</i>		4644	26.39	26.39	3,934,890	0	0	85,916,540	7,668,801	39,517,961	0	0	2,773,668	139,811,860
ALAMITOS-BARRE NO. 1		4120	15.35	124.67	525,749	39,439	416	763,901	108,960	787,409	32	0	4,115	2,230,020
ALAMITOS-BARRE No. 2		4120	15.40	124.67	527,459	39,567	417	766,384	109,315	789,968	32	0	4,128	2,237,269
ALAMITOS-CENTER		4120	11.47	124.67	392,853	29,469	311	570,805	81,418	588,371	24	0	3,075	1,666,326
ALAMITOS-LIGHTHIPE		4120	11.84	124.67	405,468	30,416	321	589,134	84,032	607,264	24	0	3,173	1,719,833
ANTELOPE-MAGUNDEN No. 1		4107	59.25	270.79	577,514	71,436	0	1,944,874	0	1,490,900	0	0	183,022	4,267,746
ANTELOPE-MAGUNDEN No. 2		4107	59.27	270.79	577,684	71,457	0	1,945,445	0	1,491,338	0	0	183,075	4,268,999
ANTELOPE-MESA (DISCONNECTED)		4107	60.44	270.79	589,140	72,874	0	1,984,026	0	1,520,914	0	0	186,706	4,353,661
BAILEY-PARDEE		4101	26.90	354.28	110,744	24,832	7,477	1,697,129	104,939	2,311,537	0	0	88,632	4,345,290
BAILEY-PASTORIA		4101	12.40	354.28	51,040	11,445	3,446	782,179	48,364	1,065,349	0	0	40,849	2,002,672
BARRE-DEL AMO		4120	9.70	124.67	332,241	24,923	263	482,738	68,856	497,594	20	0	2,600	1,409,235
BARRE-ELLIS No. 1		4120	12.70	124.67	434,996	32,631	344	632,038	90,152	651,489	26	0	3,404	1,845,081
BARRE-ELLIS No. 2		4120	12.70	124.67	434,996	32,631	344	632,038	90,152	651,489	26	0	3,404	1,845,081
BARRE-LEWIS		4118	5.02	155.75	177,135	6,619	71	556,858	16,289	450,283	0	0	5,883	1,213,138
BARRE-VILLA PARK		4118	8.99	155.75	317,589	11,867	127	998,401	29,205	807,320	0	0	10,547	2,175,056
BIG CREEK 1-BIG CREEK 2		4169	4.49	297.62	85,282	0	41	130,838	6,015	91,565	0	0	1,602	315,343
BIG CREEK 1-RECTOR		4169	74.35	297.62	1,411,361	0	675	2,165,284	99,536	1,515,341	0	0	26,518	5,218,715
BIG CREEK 2-BIG CREEK 3		4169	7.41	297.62	140,613	0	67	215,726	9,917	150,972	0	0	2,642	519,937
BIG CREEK 2-BIG CREEK 8		4166	1.70	9.03	-11,911	0	0	30,963	0	25,750	0	0	0	44,802
BIG CREEK 3-BIG CREEK 4		4111	5.79	5.79	1,944	0	0	133,734	0	155,710	0	0	29,429	320,815
BIG CREEK 3-BIG CREEK 8		4166	7.32	9.03	-51,199	0	0	133,088	0	110,681	0	0	0	192,569

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 16 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
BIG CREEK 3-RECTOR		4169	64.34	297.62	1,221,273	0	584	1,873,655	86,130	1,311,249	0	0	22,946	4,515,838
BIG CREEK 3-SPRINGVILLE		4113	76.70	128.32	474,317	0	0	1,100,568	123,239	1,285,388	0	0	377,178	3,360,690
BIG CREEK 4-SPRINGVILLE		4121	83.52	135.41	173,799	0	0	1,234,281	114,861	1,265,884	0	0	88,630	2,877,455
CENTER-DEL AMO		4120	6.19	124.67	211,894	15,895	168	307,877	43,915	317,352	13	0	1,658	898,772
CENTER-MESA		4119	12.46	137.65	190,083	7,656	123	779,166	7,711	1,369,337	0	0	436,546	2,790,621
CENTER-OLINDA		4119	18.77	137.65	286,387	11,535	185	1,173,927	11,618	2,063,104	0	0	657,719	4,204,474
CHEVMAIN-EL NIDO		4116	1.25	90.45	49,023	2,306	28	44,331	139,404	92,542	-	-	185	327,818
CHEVMAIN-EL NIDO	OH	4116	0.48	0.95	18,731	881	11	-	-	-	90,294	228,414	71	338,402
TOTAL CHEVMAIN-EL NIDO	UG		1.72	91.41	67,754	3,187	39	44,331	139,404	92,542	90,294	228,414	256	666,220
CHEVMAIN-EL SEGUNDO		4116	1.78	90.45	69,905	3,288	40	63,214	198,784	131,961	-	-	264	467,456
CHINO-MIRA LOMA No.1		4117	9.30	305.18	30,629	216	392	596,174	114,582	328,437	-	-	4,605	1,075,034
CHINO-MIRA LOMA No. 2		4118	6.68	155.75	236,099	8,822	95	742,222	21,711	600,170	-	-	7,841	1,616,961
CHINO-MIRA LOMA No. 3		4118	6.79	155.75	239,850	8,962	96	754,014	22,056	609,705	-	-	7,965	1,642,648
CHINO-SERRANO		4108	24.84	169.20	1,184,402	445,660	-	2,072,130	227,858	2,077,373	-	-	66,668	6,074,091
CHINO-VIEJO		4108	25.60	169.20	1,220,674	459,308	-	2,135,589	234,836	2,140,992	-	-	68,709	6,260,109
CIMA-ELDORADO-PISGAH No. 1 - CALIF.		4117	82.42	305.18	271,537	1,913	3,472	5,285,230	1,015,801	2,911,677	-	-	40,822	9,530,451
CIMA-ELDORADO-PISGAH No. 1 - NEVADA		4127	26.92	85.09	6,279	-	-	204,931	-	173,969	-	-	1,647	386,825
TOTAL CIMA-ELDORADO-PISGAH No.1			109.34	390.27	277,815	1,913	3,472	5,490,161	1,015,801	3,085,645	-	-	42,470	9,917,277
CIMA-ELDORADO-PISGAH No. 2 - CALIF.		4117	82.68	305.18	272,405	1,919	3,483	5,302,121	1,019,047	2,920,982	-	-	40,953	9,560,910
CIMA-ELDORADO-PISGAH No. 2 - NEVADA		4127	27.03	85.09	6,303	-	-	205,726	-	174,644	-	-	1,653	388,327
TOTAL CIMA-ELDORADO-PISGAH No.2			109.71	390.27	278,707	1,919	3,483	5,507,847	1,019,047	3,095,626	0	0	42,606	9,949,237

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 17 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
COACHELLA VALLEY-DEVERS (SCE PORTION)		4109	0.38	0.38										N/A
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	212,932	15,973	169	309,385	44,130	318,906	13	0	1,666	903,174
TOTAL DEL AMO-HINSON			12.26	151.74	571,780	134,687	648	1,113,070	132,245	786,996	13	0	7,789	2,747,227
DEL AMO-LAGUNA BELL		4114	7.00	129.55	173,364	29,107	35,702	730,732	7,987	522,813	0	0	16,425	1,516,129
DEL AMO-LAGUNA BELL		4120	6.21	124.67	212,672	15,953	168	309,007	44,076	318,516	13	0	1,664	902,070
TOTAL DEL AMO-LAGUNA BELL			13.20	254.23	386,036	45,060	35,871	1,039,739	52,063	841,329	13	0	18,089	2,418,199
DEVERS-MIRAGE		4104	15.23	143.65	141,117	3,820	0	841,842	36,714	348,214	0	0	32,154	1,403,861
DEVERS-SAN BERNARDINO No.1		4104	43.27	143.65	400,921	10,854	0	2,391,719	104,306	989,295	0	0	91,351	3,988,448
DEVERS-EL CASCO		4104	2.32	143.65	21,520	583	0	128,380	5,599	53,102	0	0	4,903	214,087
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	583	0	1,703,283	134,187	1,095,181	0	0	31,899	3,230,979
EL CASCO-SAN BERNARDINO		4104	1.09	143.65	10,072	273	0	60,084	2,620	24,853	0	0	2,295	100,197
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	273	0	797,171	62,802	512,567	0	0	14,929	1,512,164
DEVERS-VISTA No. 1		4104	4.99	143.65	46,208	1,251	0	275,654	12,022	114,020	0	0	10,529	459,683
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	1,251	0	2,606,603	202,340	1,656,358	0	0	50,483	4,924,859
DEVERS-VISTA No. 2		4104	4.99	143.65	46,194	1,251	0	275,571	12,018	113,985	0	0	10,525	459,544
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	1,251	0	2,591,383	201,100	1,646,307	0	0	50,221	4,895,723
EAGLE ROCK-MESA		4101	2.54	354.28	10,436	2,340	705	159,932	9,889	217,832	0	0	8,352	409,487
EAGLE ROCK-MESA		4114	22.06	129.55	546,711	91,790	112,590	2,304,401	25,189	1,648,718	0	0	51,796	4,781,195
TOTAL EAGLE ROCK-MESA			24.60	483.83	557,148	94,130	113,294	2,464,333	35,078	1,866,550	0	0	60,148	5,190,681

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 18 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
EAGLE ROCK-PARDEE		4101	46.66	354.28	192,095	43,073	12,970	2,943,811	182,025	4,009,553	0	0	153,739	7,537,266
EAGLE ROCK-PARDEE		4114	4.60	129.55	114,048	19,148	23,487	480,716	5,255	343,936	0	0	10,805	997,395
TOTAL EAGLE ROCK-PARDEE			51.26	483.83	306,144	62,221	36,457	3,424,528	187,279	4,353,489	0	0	164,544	8,534,661
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	97,481	21,858	6,582	1,493,867	92,370	2,034,689	0	0	78,016	3,824,863
TOTAL EAGLE ROCK-SYLMAR			25.47	356.07	284,138	21,858	6,582	1,708,276	92,370	2,096,797	0	0	78,016	4,288,037
EL NIDO-EL SEGUNDO		4116	2.90	90.45	114,048	5,365	66	103,131	324,310	215,290	0	0	430	762,640
EL NIDO-EL SEGUNDO		4116	0.48	0.95	18,731	881	11	0	0	0	90,294	228,414	71	338,402
TOTAL EL NIDO-EL SEGUNDO			3.38	91.41	132,778	6,246	76	103,131	324,310	215,290	90,294	228,414	501	1,101,041
EL NIDO-LA CIENEGA		4116	8.70	90.45	342,167	16,096	197	309,416	972,997	645,913	0	0	1,291	2,288,076
EL NIDO-LA FRESA No. 3		4116	3.87	90.45	152,197	7,160	87	137,630	432,794	287,305	0	0	574	1,017,747
EL NIDO-LA FRESA No. 4		4116	4.00	90.45	157,156	7,393	90	142,114	446,895	296,666	0	0	593	1,050,907
ELDORADO-MEAD No. 1		4144	15.29	30.64	4,988	0	0	236,417	0	214,227	0	0	511	456,143
ELDORADO-MEAD No. 2		4144	15.35	30.64	5,006	0	0	237,257	0	214,988	0	0	513	457,763
ELDORADO-MERCHANT No. 1		4102	0.30	8.43	52,689	0	0	137,123	17,986	66,462	0	0	0	274,261
ELDORADO-MERCHANT No. 2		4102	0.31	8.43	53,909	0	0	140,296	18,403	68,000	0	0	0	280,607
ELLIS-JOHANNA		4156	6.40	29.49	2,606,839	0	0	490,731	1,404,683	644,417	0	0	8,298	5,154,969
ELLIS-SANTIAGO		4156	14.76	29.49	6,013,613	0	0	1,132,048	3,240,408	1,486,580	0	0	19,143	11,891,791
ETIWANDA-RANCHO VISTA No1		4119	0.46											
MIRA LOMA-RANCHO VISTA No.1 & 2		4118	6.89											
ETIWANDA-MIRA LOMA		4119	6.81	137.65	103,831	4,182	67	425,611	4,212	747,986	0	0	238,458	1,524,348

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 19 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
ETIWANDA-RANCHO VISTA No2		4118	0.46											
PADUA-RANCHO VISTA No.1 & 2		4117	14.54											
ETIWANDA-PADUA		4118	15.05	155.75	531,547	19,862	213	1,671,019	48,880	1,351,207	0	0	17,653	3,640,381
ETIWANDA-SAN BERNARDINO		4104	8.30	143.65	76,917	2,082	0	458,852	20,011	189,797	0	0	17,526	765,185
ETIWANDA-SAN BERNARDINO		4118	25.53	155.75	901,657	33,692	361	2,834,532	82,915	2,292,039	0	0	29,944	6,175,140
TOTAL ETIWANDA-SAN BERNARDINO			33.83	299.40	978,574	35,774	361	3,293,384	102,927	2,481,836	0	0	47,470	6,940,325
ETIWANDA-VISTA		4118	15.32	155.75	541,160	20,221	217	1,701,241	49,764	1,375,645	0	0	17,972	3,706,221
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	214,965	36,092	44,270	906,082	9,904	648,269	0	0	20,366	1,879,947
GOODRICH-LAGUNA BELL		4114	13.91	129.55	344,772	57,886	71,002	1,453,222	15,885	1,039,729	0	0	32,664	3,015,159
GOULD-SYLMAR		4101	27.42	354.28	112,885	25,312	7,622	1,729,930	106,967	2,356,212	0	0	90,344	4,429,271
HARBORGEN-HINSON		4102	3.02	8.43	524,683	0	0	1,365,476	179,110	661,832	0	0	0	2,731,102
HARBORGEN-LONG BEACH		4102	1.15	8.43	200,342	0	0	521,387	68,391	252,711	0	0	0	1,042,830
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	347,188	16,332	199	313,957	987,278	655,393	0	0	1,310	2,321,658
TOTAL HINSON-LA FRESA			14.06	117.52	657,861	119,109	615	1,009,748	1,063,564	1,060,643	0	0	6,610	3,918,149
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	3,399,356	0	0	639,921	1,831,728	840,329	0	0	10,821	6,722,155
JULIAN HINDS-MIRAGE		4104	46.82	143.65	433,784	11,744	0	2,587,763	112,856	1,070,385	0	0	98,839	4,315,372

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 20 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
KRAMER-LUGO No. 1		4135	47.86	206.15	414,162	-13	0	1,927,280	236,820	1,412,167	0	0	22,638	4,013,053
KRAMER-LUGO No. 2		4135	47.86	206.15	414,097	-13	0	1,926,978	236,783	1,411,945	0	0	22,634	4,012,424
LA CIENEGA-LA FRESA		4116	11.89	90.45	467,477	21,991	269	422,732	1,329,335	882,464	0	0	1,763	3,126,030
LA FRESA-LAGUNA BELL		4114	7.10	129.55	175,938	29,539	36,233	741,585	8,106	530,578	0	0	16,669	1,538,647
LA FRESA-LAGUNA BELL		4116	9.76	90.45	383,730	18,051	220	347,001	1,091,188	724,373	0	0	1,447	2,566,009
TOTAL LA FRESA-LAGUNA BELL			16.86	220.01	559,668	47,590	36,453	1,088,585	1,099,294	1,254,950	0	0	18,116	4,104,656
LA FRESA-REDONDO No. 1		4116	4.53	90.45	178,105	8,378	102	161,057	506,465	336,211	0	0	672	1,190,991
LA FRESA-REDONDO No. 2		4116	4.53	90.45	178,125	8,379	102	161,075	506,521	336,249	0	0	672	1,191,123
LAGUNA BELL-RIO HONDO		4114	16.04	129.55	397,589	66,753	81,879	1,675,848	18,318	1,199,010	0	0	37,668	3,477,067
LAGUNA BELL-VELASCO		4114	2.49	129.55	61,761	10,369	12,719	260,325	2,846	186,253	0	0	5,851	540,125
LEWIS-SERRANO No.1		4118	7.32	155.75	258,445	9,657	104	812,471	23,766	656,974	0	0	8,583	1,770,000
LEWIS-SERRANO No. 2		4118	7.30	155.75	257,735	9,631	103	810,239	23,701	655,170	0	0	8,559	1,765,138
LEWIS-VILLA PARK		4118	4.02	155.75	141,817	5,299	57	445,828	13,041	360,503	0	0	4,710	971,255
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	301,810	50,673	62,155	1,272,137	13,905	910,169	0	0	28,594	2,639,442
LIGHTHIPE-REDONDO		4116	14.21	90.45	558,956	26,294	321	505,455	1,589,467	1,055,150	0	0	2,108	3,737,751
LUGO-PISGAH No. 1		4117	65.66	305.18	216,326	1,524	2,766	4,210,608	809,263	2,319,658	0	0	32,522	7,592,668
LUGO-PISGAH No. 2		4117	65.13	305.18	214,579	1,512	2,744	4,176,595	802,725	2,300,920	0	0	32,259	7,531,334
LUGO-VICTOR No. 1		4135	10.84	206.15	93,834	-3	0	436,651	53,655	319,945	0	0	5,129	909,211
LUGO-VICTOR No. 2		4135	10.86	206.15	93,928	-3	0	437,090	53,709	320,267	0	0	5,134	910,125
MAGUNDEN-PASTORIA No. 1		4101	29.86	354.28	122,925	27,563	8,300	1,883,799	116,481	2,565,787	0	0	98,380	4,823,234

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 21 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
MAGUNDEN-PASTORIA No. 2		4101	29.86	354.28	122,925	27,563	8,300	1,883,799	116,481	2,565,787	0	0	98,380	4,823,234
MAGUNDEN-PASTORIA No. 3		4101	29.87	354.28	122,981	27,576	8,303	1,884,657	116,534	2,566,955	0	0	98,425	4,825,431
MAGUNDEN-SPRINGVILLE No. 1		4113	51.62	128.32	319,214	0	0	740,678	82,939	865,062	0	0	253,840	2,261,733
MAGUNDEN-SPRINGVILLE No. 2		4121	51.89	135.41	107,985	0	0	766,890	71,366	786,525	0	0	55,068	1,787,834
MAGUNDEN-VESTAL No. 1		4169	35.61	297.62	676,005	0	323	1,037,114	47,675	725,808	0	0	12,701	2,499,627
MAGUNDEN-VESTAL No. 2		4169	35.62	297.62	676,098	0	323	1,037,257	47,682	725,908	0	0	12,703	2,499,971
MESA-REDONDO		4114	12.09	129.55	299,610	50,303	61,702	1,262,861	13,804	903,533	0	0	28,385	2,620,197
MESA-REDONDO		4116	14.22	90.45	559,015	26,297	321	505,508	1,589,635	1,055,262	0	0	2,108	3,738,146
TOTAL MESA-REDONDO			26.31	220.01	858,624	76,600	62,023	1,768,369	1,603,439	1,958,794	0	0	30,494	6,358,343
MESA-RIO HONDO		4107	10.93	270.79	106,525	13,177	0	358,741	0	275,003	0	0	33,759	787,205
MESA-VINCENT		4107	18.81	270.79	183,376	22,683	0	617,548	0	473,400	0	0	58,114	1,355,120
MESA-VINCENT		4114	17.48	129.55	433,166	72,727	89,206	1,825,805	19,957	1,306,299	0	0	41,039	3,788,199
TOTAL MESA-VINCENT			36.29	400.34	616,542	95,409	89,206	2,443,353	19,957	1,779,699	0	0	99,153	5,143,319
MESA-WALNUT		4119	13.73	137.65	209,494	8,438	135	858,732	8,498	1,509,169	0	0	481,124	3,075,591
MIRA LOMA-OLINDA		4119	24.97	137.65	380,916	15,342	246	1,561,409	15,453	2,744,080	0	0	874,815	5,592,261
MIRA LOMA-PADUA		4118	14.78	155.75	521,936	19,503	209	1,640,807	47,997	1,326,778	0	0	17,334	3,574,564
MIRA LOMA-PADUA		4119	6.77	137.65	103,236	4,158	67	423,173	4,188	743,700	0	0	237,092	1,515,614
TOTAL MIRA LOMA-PADUA			21.55	293.40	625,172	23,661	276	2,063,980	52,185	2,070,478	0	0	254,426	5,090,178
MIRA LOMA-VISTA No. 1		4118	15.63	155.75	552,010	20,627	221	1,735,349	50,762	1,403,226	0	0	18,332	3,780,527
MIRA LOMA-VISTA No. 2		4118	15.47	155.75	546,348	20,415	219	1,717,551	50,242	1,388,834	0	0	18,144	3,741,753
MIRA LOMA-WALNUT		4119	27.65	137.65	421,809	16,990	273	1,729,032	17,111	3,038,667	0	0	968,729	6,192,612
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

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 22 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
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	97,844	3,941	63	401,069	3,969	704,855	0	0	224,708	1,436,449
PARDEE-PASTORIA		4101	38.77	354.28	159,601	35,787	10,776	2,445,839	151,233	3,331,301	0	0	127,732	6,262,269
PARDEE-PASTORIA-WARNE		4101 *	38.46	354.28	158,335	35,503	10,690	2,426,439	150,034	3,304,877	0	0	126,719	6,212,597
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	10,430	0	350,752	0	226,563	0	0	19,000	696,298
PARDEE-SYLMAR No. 1		4101	4.99	354.28	20,525	4,602	1,386	314,540	19,449	428,412	0	0	16,427	805,340
TOTAL PARDEE-SYLMAR No. 1			11.48	367.28	110,077	15,033	1,386	665,292	19,449	654,974	0	0	35,427	1,501,638
PARDEE-SYLMAR No. 2		4045	6.50	13.00	89,579	10,434	0	350,855	0	226,629	0	0	19,006	696,502
PARDEE-SYLMAR No. 2		4101	4.99	354.28	20,544	4,606	1,387	314,830	19,467	428,807	0	0	16,442	806,083
TOTAL PARDEE-SYLMAR No. 2			11.49	367.28	110,123	15,040	1,387	665,685	19,467	655,436	0	0	35,447	1,502,585
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	115,261	25,845	7,782	1,766,351	109,219	2,405,820	0	0	92,247	4,522,524
PARDEE-VINCENT (IDLE)		4101	0.14	354.28	562	126	38	8,605	532	11,721	0	0	449	22,033
TOTAL PARDEE-VINCENT			35.49	361.63	115,823	25,971	7,820	2,091,313	109,751	2,622,418	0	0	238,013	5,211,109
RECTOR-VESTAL No. 1		4169	33.20	297.62	630,308	0	301	967,006	44,452	676,745	0	0	11,843	2,330,655
RECTOR-VESTAL No. 2		4169	33.20	297.62	630,287	0	301	966,974	44,451	676,722	0	0	11,842	2,330,578
RIO HONDO-VINCENT No. 1		4107	32.36	270.79	315,438	39,018	0	1,062,289	0	814,329	0	0	99,966	2,331,040
RIO HONDO-VINCENT No. 2		4070	4.42	4.42	61,040	0	0	344,764	0	232,146	0	0	11,892	649,842
RIO HONDO-VINCENT No. 2		4107	5.03	270.79	49,074	6,070	0	165,264	0	126,688	0	0	15,552	362,648
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	215,719	24,681	0	2,504,809	0	3,943,620	0	0	564,471	7,253,299

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)

Attachment 4
WP-Schedule 7
Plant Study
Page 23 of 59

CIRCUIT N.	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
					350	352	353	354	355	356	357	358	359		
SAN BERNARDINO-VISTA		4104	OH	8.25	143.65	76,397	2,068	0	455,751	19,876	188,514	0	0	17,407	760,014
SAN BERNARDINO-VISTA (IDLE)		4104	UG	0.04	0.04	385	10	0	0	0	0	1,480	260,160	88	262,122
TOTAL SAN BERNARDINO-VISTA				8.29	143.69	76,782	2,079	0	455,751	19,876	188,514	1,480	260,160	17,495	1,022,137
SAN ONOFRE-SANTIAGO No. 1		4108		28.36	169.20	1,352,307	508,838	0	2,365,882	260,160	2,371,868	0	0	76,119	6,935,174
SAN ONOFRE-SANTIAGO No. 2		4108		28.36	169.20	1,352,183	508,792	0	2,365,665	260,136	2,371,650	0	0	76,112	6,934,538
SAN ONOFRE-SERRANO		4108		40.35	169.20	1,924,007	723,954	0	3,366,080	370,145	3,374,596	0	0	108,298	9,867,081
SAN ONOFRE-VIEJO		4108		21.88	169.20	1,043,431	392,616	0	1,825,498	200,738	1,830,117	0	0	58,733	5,351,132
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	3,858,246	0	1,880	2,767,070	0	1,983,887	0	0	145,187	8,756,269
TOTAL SANTA CLARA-VINCENT				70.51	444.97	4,979,990	171,904	2,066	6,141,208	47,802	3,527,266	0	0	339,150	15,209,386
SERRANO-VILLA PARK No. 1		4189		3.24	6.50	39,045	0	0	759,195	0	697,163	0	0	0	1,495,404
SERRANO-VILLA PARK No. 2		4189		3.26	6.50	39,203	0	0	762,263	0	699,980	0	0	0	1,501,446
WINDHUB-HIGHWIND 230KV LN		4709		9.60	9.60	0	0	9,640,082	35,562,135	0	6,994,402	0	0	135,005	52,331,625
GOULD SUBSTATION		5015				Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	0	0	0	0	1,418	1,418
SANTA CLARA SUBSTATION		5053				Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	0	0	0	0	6,071	6,071
VIEJO SUBSTATION		5083				Refer Substation Stu	Refer Substation Stu	Refer Substation Stu	0	0	0	2	0	0	2
TOTAL 220kV T/L/S				3,224.84	26,433.34	89,079,905.36	6,810,577.33	10,395,956.80	316,335,120.76	66,495,384.17	221,208,692.45	182,291.69	716,987.98	13,705,568.80	724,930,485.35

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 24 of 59

CIRCUIT N	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL	
					350	352	353	354	355	356	357	358	359		
<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		4750 *	125.62	1,637.91	1,076,656	11,220	13,006	329,374	7,630,853	5,352,749	0	0	138,620	14,552,478	
CONTROL-COSO-HAIWEE-INYOKERN		4750 *	125.62	1,637.91	1,076,623	11,220	13,005	329,364	7,630,622	5,352,586	0	0	138,615	14,552,036	
CONTROL-INYO (DWP)		4750	2.86	1,637.91	24,543	256	296	7,508	173,950	122,020	0	0	3,160	331,734	
COOLWATER-SEGS 2-TORTILLA		4750 *	11.26	1,637.91	96,531	1,006	1,166	29,531	684,170	479,919	0	0	12,428	1,304,753	
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	117,778	580,045	0	0	21,669	1,212,483	
TOTAL ELDO-BAK-CLWTR-DUNN-MT.PASS			129.82	129.82	166,474	0	0	426,102	160,983	675,012	0	0	23,046	1,451,616	
KRAMER-COOL WATER		4750	44.32	1,637.91	379,827	3,958	4,588	116,198	2,692,046	1,888,367	0	0	48,903	5,133,888	
KRAMER-INYOKERN-RANDSBURG No. 1		4750 *	48.34	1,637.91	414,272	4,317	5,004	126,736	2,936,173	2,059,612	0	0	53,338	5,599,451	
KRAMER-INYOKERN-RANDSBURG No. 3		4135 *	49.41	206.15	427,509	-14	0	1,989,391	244,452	1,457,677	0	0	23,367	4,142,383	
KRAMER-ROADWAY-VICTOR		4750 *	34.50	1,637.91	295,694	3,081	3,572	90,460	2,095,745	1,470,084	0	0	38,071	3,996,707	
KRAMER-TORTILLA		4750	31.95	1,637.91	273,797	2,853	3,307	83,761	1,940,553	1,361,223	0	0	35,251	3,700,747	
KRAMER-VICTOR		4750 OH	34.50	1,637.91	295,653	3,081	3,571	90,447	2,095,454	1,469,880	0	0	38,065	3,996,152	
KRAMER-VICTOR		4750 UG	0.12	13.89	1,028	11	12	0	0	0	27,650	104,719	132	133,554	
TOTAL KRAMER-VICTOR			34.62	1,651.80	296,681	3,092	3,584	90,447	2,095,454	1,469,880	27,650	104,719	38,198	4,129,705	
TOTAL 115kV T/L'S			638.31	15,091.09	4,528,607.52	40,990.17	47,529.68	3,618,873.03	28,285,003.56	21,689,128.92	27,650.45	104,719.05	552,996.01	58,895,498	

**ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2012
(\$)**

Attachment 4
WP-Schedule 7
Plant Study
Page 25 of 59

CIRCUIT N	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
					350	352	353	354	355	356	357	358	359	
66kV TRANSMISSION LINES														
ANTELOPE-NEENACH		4105	17.40	4,654.52	111,641	4,175	4,027	66,809	1,526,345	572,085	0	0	5,742	2,290,824
BAILEY-NEENACH-WESTPAC		4105 *	16.56	4,654.52	106,264	3,974	3,833	63,591	1,452,824	544,529	0	0	5,466	2,180,479
TOTAL 66kV T/L/S			33.96	9,309.05	217,904.67	8,148.27	7,859.93	130,399.93	2,979,168.44	1,116,613.95	0.00	0.00	11,207.85	4,471,303
55kV TRANSMISSION LINES														
CONTROL-SILVER PEAK "A" - CALIF		4705 *	16.58	105.29	38,208	518	0	0	488,836	209,244	0	0	5,632	742,437
CONTROL-SILVER PEAK "C" - CALIF		4705 *	24.35	105.29	56,123	760	0	0	718,051	307,358	0	0	8,272	1,090,565
TOTAL 55kV T/L/S			40.92	210.58	94,331	1,278	0	0	1,206,887	516,602	0	0	13,904	1,833,002
GRAND TOTAL			5,933.79	53,358.89	154,024,958.86	7,921,654.64	10,495,182.42	726,289,238.11	105,368,724.83	478,694,943.41	209,942.15	1,973,367.48	38,542,830.15	1,523,520,842

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

66kV TRANSMISSION LINES WHICH WILL CONVERT TO NON-ISO DUE TO THE IMPLEMENTATION OF THE EKWRA & ANTELOPE BAILEY PROJECT

ACTON-PALMDALE-SHUTTLE		4105 OH	20.24	4,654.52	129,846	4,855	4,684	77,703	1,775,244	665,374	0	0	6,679	2,664,386
ANAVERDE-RITTER RANCH		4105 OH	5.48	4,654.52	35,155	1,315	1,268	21,038	480,632	180,144	0	0	1,808	721,359
ACTON-RITTER RANCH		4105 OH	5.72	4,654.52	36,688	1,372	1,323	21,955	501,588	187,999	0	0	1,887	752,812
ANTELOPE-ANAVERDE-HELIJET		4105 OH	20.68	4,654.52	132,700	4,962	4,787	79,411	1,814,254	679,995	0	0	6,825	2,722,933
ANTELOPE-ANAVERDE-HELIJET		4105 UG	0.57	325.67	3,646	136	131	0	0	0	68,467	311,917	188	384,484
TOTAL ANTELOPE-ANAVERDE-HELIJET			21.25	4,980.20	136,345	5,098	4,918	79,411	1,814,254	679,995	68,467	311,917	7,013	3,107,418
ANTELOPE-CAL CEMENT		4105	27.46	4,654.52	176,207	6,589	6,356	105,447	2,409,081	902,941	0	0	9,063	3,615,683
ANTELOPE-DEL SUR		4105	2.65	4,654.52	17,013	636	614	10,181	232,601	87,180	0	0	875	349,100
ANTELOPE-DEL SUR-ROSAMOND		4105 *	15.74	4,654.52	101,007	3,777	3,643	60,445	1,380,957	517,593	0	0	5,195	2,072,618
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105 *OH	16.69	4,654.52	107,071	4,004	3,862	64,074	1,463,859	548,665	0	0	5,507	2,197,042
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105 *UG	0.24	325.67	1,555	58	56	0	0	0	29,197	133,016	80	163,962
TOTAL ANTELOPE-LANCASTER-LANPRI-SHUTTLE			16.93	4,980.20	108,625	4,062	3,918	64,074	1,463,859	548,665	29,197	133,016	5,587	2,361,005
ANTELOPE-LANCASTER-OASIS		4105	16.78	4,654.52	107,641	4,025	3,883	64,415	1,471,651	551,585	0	0	5,536	2,208,736
ANTELOPE-QUARTZ HILL No.1		4105 OH	5.70											
ANTELOPE-QUARTZ HILL No.1		4105 UG	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	4,654.52	160,563	6,004	5,792	96,085	2,195,199	822,777	0	0	8,258	3,294,678
ANTELOPE-QUARTZ HILL No.2		4105 OH	6.20	4,654.52	39,780	1,488	1,435	23,806	543,870	203,846	0	0	2,046	816,270
ANTELOPE-QUARTZ HILL No.2		4105 UG	0.65	325.67	4,158	155	150	0	0	0	78,097	355,790	214	438,564
TOTAL ANTELOPE-QUARTZ HILL No.2			6.85	4,980.20	43,938	1,643	1,585	23,806	543,870	203,846	78,097	355,790	2,260	1,254,835
ANTELOPE-QUARTZ HILL-SHUTTLE		4105 OH	13.80											
ANTELOPE-QUARTZ HILL-SHUTTLE		4105 UG	0.66											
TOTAL ANTELOPE-QUARTZ HILL-SHUTTLE			14.46											
ANTELOPE-SHUTTLE		4105	12.07	4,654.52	77,420	2,895	2,793	46,330	1,058,476	396,725	0	0	3,982	1,588,620
ANTELOPE-RITTER RANCH No.1		4105 OH	9.90	4,654.52	63,529	2,376	2,292	38,017	868,560	325,543	0	0	3,268	1,303,584
ANTELOPE-RITTER RANCH No.1		4105 UG	0.77	325.67	\$4,922.70	\$184.08	178	0	0	0	92,453	421,191	253	519,182
TOTAL ANTELOPE-RITTER RANCH No.1			10.67	4,980.20	68,452	2,560	2,469	38,017	868,560	325,543	92,453	421,191	3,521	1,822,766
ANTELOPE-RITTER RANCH No.2		4105 OH	9.90	4,654.52	63,529	2,376	2,292	38,017	868,560	325,543	0	0	3,268	1,303,584
ANTELOPE-RITTER RANCH No.2		4105 UG	0.77	325.67	4,923	184	178	0	0	0	92,453	421,191	253	519,182
TOTAL ANTELOPE-RITTER RANCH No.2			10.67	4,980.20	68,452	2,560	2,469	38,017	868,560	325,543	92,453	421,191	3,521	1,822,766
ANTELOPE-ROSAMOND		4105	15.91	4,654.52	102,053	3,816	3,681	61,071	1,395,254	522,951	0	0	5,249	2,094,076

Attachment 4
WP-Schedule 7
Plant Study
Page 26 of 59

Page 26 of 59

CIRCUIT N	OPERATING VOLTAGE	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.												TOTAL
					350	352	353	354	355	356	357	358	359				
BAILEY-GORMAN		4105	3.41	4,654.52	21,909	819	790	13,111	299,541	112,270	0	0	1,127	449,568			
CAL CEMENT-GOLDTOWN-MONOLITH-W/LAND		4105 *	16.94	4,654.52	108,676	4,064	3,920	65,035	1,485,808	556,892	0	0	5,590	2,229,984			
CAL CEMENT-GOLDTOWN-MONOLITH-W/LAND		4106 *	0.00	37.08	0	0	0	0	0	0	0	0	0	0			
TOTAL CAL CEMENT-GOLDTOWN MONOLITH-WINDLA			16.94	4,691.60	108,676	4,064	3,920	65,035	1,485,808	556,892	0	0	5,590	2,229,984			
CAL CEMENT-MONOLITH-ROSAMOND-W/FARM		4105 *	28.00	4,654.52	179,628	6,717	6,479	107,494	2,455,852	920,471	0	0	9,239	3,685,881			
CAL CEMENT-MONOLITH-ROSAMOND-W/FARM		4106 *	0.00	37.08	0	0	0	0	0	0	0	0	0	0			
TOTAL CAL CEMENT-MONOLITH-ROSAMOND-W/FARM			28.00	4,691.60	179,628	6,717	6,479	107,494	2,455,852	920,471	0	0	9,239	3,685,881			
CAL CEMENT-MONOLITH-WINDPARK		4105 *	9.81	4,654.52	62,947	2,354	2,271	37,669	860,601	322,559	0	0	3,238	1,291,638			
CAL CEMENT-MONOLITH-WINDPARK		4106 *	0.16	37.08	1,285	0	0	2	11,808	10,602	0	0	0	23,697			
TOTAL CAL CEMENT-MONOLITH-WINDPARK			9.97	4,691.60	64,232	2,354	2,271	37,671	872,409	333,161	0	0	3,238	1,315,335			
CORRECTION-CUMMINGS--KERN RIVER No. 1		4105 *	39.45	4,654.52	253,092	9,464	9,129	151,457	3,460,241	1,296,923	0	0	13,018	5,193,323			
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	4,658.32	254,651	9,464	9,129	181,436	3,460,241	1,315,385	0	0	33,233	5,263,538			
CORUM-GOLDTOWN		4105	15.12	4,654.52	97,021	3,628	3,500	58,060	1,326,455	497,165	0	0	4,990	1,990,818			
CORUM-ROSAMOND		4105	19.93	4,654.52	127,875	4,782	4,612	76,524	1,748,287	655,271	0	0	6,577	2,623,928			
CUMMINGS-MONOLITH		4105	13.30	4,654.52	85,307	3,190	3,077	51,050	1,166,312	437,142	0	0	4,388	1,750,466			
DEL SUR-LANCASTER-RITE AID		4105 *	9.40	4,654.52	60,298	2,255	2,175	36,084	824,381	308,984	0	0	3,101	1,237,277			
GOLDTOWN-LANCASTER		4105 *	27.99	4,654.52	179,609	6,716	6,479	107,483	2,455,597	920,376	0	0	9,238	3,685,498			
GORMAN-KERN RIVER No. 1		4105	49.40	4,654.52	316,948	11,852	11,432	189,670	4,333,284	1,624,146	0	0	16,302	6,503,635			
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	4,658.32	318,521	11,852	11,432	219,920	4,333,284	1,642,775	0	0	36,700	6,574,485			
HELIJET-LITTLE ROCK-PALMDALE-ROCKAIR		4105 *	14.54	4,654.52	93,288	3,488	3,365	55,826	1,275,419	478,036	0	0	4,798	1,914,220			
LANCASTER-LITTLE ROCK-PIUTE		4105 OH	15.77	4,654.52	101,188	3,784	3,650	60,554	1,383,430	518,519	0	0	5,205	2,076,329			
LANCASTER-LITTLE ROCK-PIUTE		4105 UG	0.62	325.67	4,007	150	145	0	0	0	75,253	342,834	206	422,594			
TOTAL LANCASTER-LITTLE ROCK-PIUTE			16.40	4,980.20	105,195	3,934	3,794	60,554	1,383,430	518,519	75,253	342,834	5,411	2,498,923			
LANCASTER-PURIFY-REDMAN		4105 *	14.56	4,654.52	93,397	3,492	3,369	55,891	1,276,915	478,597	0	0	4,804	1,916,466			
PIUTE-REDMAN		4105	5.02	4,654.52	32,216	1,205	1,162	19,279	440,447	165,083	0	0	1,657	661,047			
TOTAL 66kV T/L'S			500.62	141,708.58	3,191,225.33	119,166.61	114,949.71	1,953,412.05	43,264,163.66	16,258,989.07	435,919.50	1,985,939.22	204,525.09	67,528,290.24			
Total					157,216.184	8,040.821	10,610.132	728,242,650	148,632,888	494,953,932	645,862	3,959,307	38,747,355	1,591,049,132			

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(5)

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	2,245,287	9,415,010	12,126,743	75,191	405,189	1,474,454	391,255	1,840,098	7,940,556
GORMAN SUB	5512	66kV	383	164,070	1,031,705	1,196,158	57	24,404	153,456	326	139,666	878,249
ANAVEDE SUB	5539	66kV	157	740,625	9,903,805	10,644,587	1	5,109	10,806	156	735,516	9,892,999
CORUM SUB	5547	66kV	384	33,392	582,010	615,787	10	855	14,910	374	32,537	567,100
QUARTZ HILL SUB	5566	66kV	15,905	290,770	6,263,764	6,570,439	3,090	52,734	1,062,823	12,815	238,036	5,200,941
RITTER SUB	8504	66kV	-	610,402	8,840,523	9,450,926	-	230,274	3,335,388	-	380,129	5,505,135
HUNTINGTON LK(FP2175)	2110	66kV	-	-	61,855	61,855	-	-	-	-	-	61,855
SHAVER 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	-	205,849	1,186,019	1,391,868	-	-	-	205,849	-	1,186,019
BIG CREEK NO.8	2229	220kV	-	-	99,856	99,856	-	-	-	-	-	99,856
BIG CREEK NO.3	2230	220kV	-	-	357,786	357,786	-	-	-	-	-	357,786
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
RUSH CREEK	2514	-	-	-	2,948,685	2,948,685	-	-	-	-	-	2,948,685
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	-	5,012	8,632	13,645	-	-	-	-	5,012	8,632
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	890,906	907,082	-	-	-	-	16,176	890,906
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	4,483,983	4,529,995	-	-	-	-	46,013	4,483,983
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	576,874	633,259	-	-	-	-	56,385	576,874
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	-	51,683	-	51,683	-	-	-	-	51,683	-
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
GOULD SUB	5015	-	-	-	146,197	146,197	-	-	-	-	-	146,197
LA FRESA SUB	5021	220kV	-	-	38,175	38,175	-	-	-	-	-	38,175
EL NIDO SUB	5023	220kV	-	7,079	-	7,079	-	-	-	-	7,079	-
EL SEGUNDO SWITCHRACK SUE	5026	-	-	-	6,888	6,888	-	-	-	-	-	6,888
RECTOR SUB	5033	220kV	-	62,190	728,524	790,714	-	-	-	-	62,190	728,524
PASTORIA SUB	5036	-	-	70,223	-	70,223	-	-	-	-	70,223	-
EAGLE MT. SUB	5040	-	-	-	1,024,910	1,024,910	-	-	-	-	-	1,024,910
KRAMER SUB	5042	220kV	-	-	33,994	33,994	-	-	-	-	-	33,994
MOHAVE SWITCHRACK	5045	500kV	-	23,655	-	23,655	-	-	-	-	23,655	-
MANDALAY SWITCHRACK SUB	5048	-	-	-	40,885	40,885	-	-	-	-	-	40,885
ORMOND BCH SWITCHRACK SI	5049	-	-	-	18,020	18,020	-	-	-	-	-	18,020
SAUGUS SUB	5051	-	-	-	51,468	51,468	-	-	-	-	-	51,468
SANTA CLARA SUB	5053	220kV	-	3,837	713,490	717,327	-	-	-	-	3,837	713,490
GOLETA SUB	5055	220kV	-	-	242,277	242,277	-	-	-	-	-	242,277
BAILEY SUB	5059	220kV	-	246	5,358	5,604.49	-	-	-	-	246	5,358
PADUA SUB	5060	220kV	-	-	25,454	25,454	-	-	-	-	-	25,454
LUGO SUB	5061	500kV	-	63	-	63	-	-	-	-	63	-
VISTA SUB	5064	220kV	-	454,916	509,153	964,069	-	-	-	-	454,916	509,153
CAMINO SUB	5068	-	-	119,664	-	119,664	-	-	-	-	119,664	-
MIRA LOMA SUB	5069	500kV	-	-	323,704	323,704	-	-	-	-	-	323,704
VALLEY-500 KV	5070 & 8034	500kV	-	-	288,356	288,356	-	-	-	-	-	288,356
HINSON SUB	5071	-	-	-	483,682	483,682	-	-	-	-	-	483,682

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
LIGHTHIPE SUB	5073	220kV	-	7,570	-	7,570	-	-	-	-	7,570	-
DEL AMO SUB	5075	-	-	21,889	398,660	420,549	-	-	-	-	21,889	398,660
BARRE SUB	5081	220kV	-	13,261	114,077	127,338	-	-	-	-	13,261	114,077
VILLA PARK SUB	5082	220kV	-	61,294	-	61,294	-	-	-	-	61,294	-
CENTER SUB	5084	220kV	-	-	116	116	-	-	-	-	-	116
Johanna	5085 & 5881	66kV	-	248,850	5,770,504	6,019,353	-	-	-	-	248,850	5,770,504
ELLIS SUB	5086	-	-	-	207,726	207,726	-	-	-	-	-	207,726
OLINDA SUB	5087	-	-	24,272	-	24,272	-	-	-	-	24,272	-
EL DORADO SUB(NEVADA)	5090	500kV	-	-	26,595	26,595	-	-	-	-	-	26,595
ETIWANDA SWITCHRACK SUB	5096	220kV	-	-	148,842	148,842	-	-	-	-	-	148,842
METRO REGION	5100	-	-	194,833	618,309	813,142	-	-	-	-	194,833	618,309
ALHAMBRA SUB	5101	66kV	90,249	241,765	7,902,772	8,234,786	90,249	241,765	7,902,772	90,249	241,765	7,902,772
ALLEN SUB	5102	33kV & Below	4,232	53,635	1,357,913	1,415,780	4,232	53,635	1,357,913	4,232	53,635	1,357,913
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	11,584	71,844	1,637,090
ANITA SUB	5105	66kV	4,391	85,580	6,932,782	7,022,754	4,391	85,580	6,932,782	4,391	85,580	6,932,782
ARCADIA SUB	5106	66kV	137,667	128,821	3,849,375	4,115,863	137,667	128,821	3,849,375	137,667	128,821	3,849,375
BANDINI SUB	5107	66kV	11,615	176,845	2,859,988	3,048,448	11,615	176,845	2,859,988	11,615	176,845	2,859,988
PROCTOR SUB	5108	66kV	125,486	361,925	2,993,456	3,480,866	125,486	361,925	2,993,456	125,486	361,925	2,993,456
BICKNELL SUB	5109	33kV & Below	3,032	64,328	1,183,584	1,250,944	3,032	64,328	1,183,584	3,032	64,328	1,183,584
WABASH (NEW) SUB	5110	66kV	74,633	132,775	1,058,071	1,265,478	74,633	132,775	1,058,071	74,633	132,775	1,058,071
RENO SUB	5111	66kV	1,654	33,215	64,851	99,720	1,654	33,215	64,851	1,654	33,215	64,851
LIQUID SUB	5113	66kV	-	18,126	258,931	277,058	-	-	-	-	18,126	258,931
BELVEDERE SUB	5114	33kV & Below	3,370	379,284	2,220,996	2,603,650	3,370	379,284	2,220,996	3,370	379,284	2,220,996
EATON SUB	5115	66kV	9,301	141,303	2,531,111	2,681,715	9,301	141,303	2,531,111	9,301	141,303	2,531,111
RUSH SUB	5116	66kV	8,707	189,844	4,586,432	4,784,983	8,707	189,844	4,586,432	8,707	189,844	4,586,432
BREW SUB	5119	66kV	-	24,707	278,855	303,562	-	-	-	-	24,707	278,855
FEDERALGEN SUB	5120	66kV	-	10,678	925,592	936,271	-	-	-	-	10,678	925,592
GARFIELD SUB	5121	66kV	10,257	163,126	2,535,290	2,708,673	10,257	163,126	2,535,290	10,257	163,126	2,535,290
GARVEY SUB	5122	33kV & Below	2,182	416,035	1,112,004	1,530,220	2,182	416,035	1,112,004	2,182	416,035	1,112,004
CRYCO SUB	5125	66kV	-	23,420	370,890	394,310	-	-	-	-	23,420	370,890
GRANADA SUB	5126	33kV & Below	4,593	44,538	2,771,505	2,820,636	4,593	44,538	2,771,505	4,593	44,538	2,771,505
OUTFALL SUBSTATION	5127	66kV	-	-	49,072	49,072	-	-	-	-	-	49,072
SIMPSON PAPER SUBSTATION	5128	66kV	-	-	684,027	684,027	-	-	-	-	-	684,027
REFUSE SUB	5129	66kV	-	11,742	514,421	526,162	-	-	-	-	11,742	514,421
LA CANADA SUB	5130	66kV	-	376,765	3,299,854	3,676,619	-	-	-	-	376,765	3,299,854
HILLGEN SUB	5131	66kV	-	9,729	1,040,830	1,050,558	-	-	-	-	9,729	1,040,830
SIGGEN SUB	5132	66kV	-	3,613	1,280,175	1,283,788	-	-	-	-	3,613	1,280,175
MICHILINDA SUB	5133	33kV & Below	5,712	35,931	1,597,624	1,639,267	5,712	35,931	1,597,624	5,712	35,931	1,597,624
MONROVIA SUB	5134	33kV & Below	966	31,522	1,466,708	1,499,197	966	31,522	1,466,708	966	31,522	1,466,708
MONTEBELLO SUB	5135	33kV & Below	1,868	43,811	479,490	493,811	1,868	43,811	479,490	1,868	43,811	479,490
NEWMARK SUB	5136	66kV	16,471	204,069	4,548,937	4,769,477	16,471	204,069	4,548,937	16,471	204,069	4,548,937
CYBER SUB	5137	-	-	16,282	-	16,282	-	-	-	-	16,282	-
RAMONA SUB	5138	66kV	2,143	188,877	1,647,201	1,838,221	2,143	188,877	1,647,201	2,143	188,877	1,647,201
GENAMIC SUB	5139	66kV	246,412	123,270	2,502,141	2,871,824	246,412	123,270	2,502,141	246,412	123,270	2,502,141
ROSEMEAD SUB	5141	66kV	12,792	81,571	4,605,093	4,699,455	12,792	81,571	4,605,093	12,792	81,571	4,605,093
SAN GABRIEL SUB	5142	66kV	6,712	90,059	1,332,770	1,429,541	6,712	90,059	1,332,770	6,712	90,059	1,332,770
SAN MARINO SUB	5143	33kV & Below	3,835	29,521	1,666,336	1,699,692	3,835	29,521	1,666,336	3,835	29,521	1,666,336
SIERRA MADRE SUB	5144	33kV & Below	676	10,231	693,219	704,125	676	10,231	693,219	676	10,231	693,219
SANGAR SUB	5145	33kV & Below	17,347	26,832	768,950	813,129	17,347	26,832	768,950	17,347	26,832	768,950
TERRACE SUB	5146	33kV & Below	4,514	43,474	1,642,545	1,690,533	4,514	43,474	1,642,545	4,514	43,474	1,642,545
PUREAIR SUB	5147	66kV	36,627	2,876	583,834	623,338	36,627	2,876	583,834	36,627	2,876	583,834
AEROJET SUB	5148	66kV	-	37,025	418,219	455,244	-	-	-	-	37,025	418,219
SO. PACIFIC SUB -PIPELINE	5149	66kV	11,866	34,056	455,235	501,157	11,866	34,056	455,235	11,866	34,056	455,235
DUARTE SUB	5150	33kV & Below	11,360	143,469	1,782,182	1,937,011	11,360	143,469	1,782,182	11,360	143,469	1,782,182
HOYTE SUB	5151	33kV & Below	8,899	23,105	1,094,199	1,126,203	8,899	23,105	1,094,199	8,899	23,105	1,094,199
JOSE SUB	5152	66kV	16,667	10,766	492,097	519,530	16,667	10,766	492,097	16,667	10,766	492,097
IVAR SUB	5153	33kV & Below	4,184	20,950	920,069	945,203	4,184	20,950	920,069	4,184	20,950	920,069
PACKAGE SUB	5154	66kV	16,257	31,843	432,418	480,518	16,257	31,843	432,418	16,257	31,843	432,418
MT WILSON SUB	5157	33kV & Below	3,524	14,283	976,505	994,312	3,524	14,283	976,505	3,524	14,283	976,505
ARROYO SUB	5158	66kV	3,910	349,044	10,791,416	11,144,370	3,910	349,044	10,791,416	3,910	349,044	10,791,416
MOBILE 1-9, 14-20 SUB	5159	-	-	1,792	102,152	103,944	-	-	-	-	1,792	102,152
NIETOS SUB	5160	66kV	19,316	12,011	343,577	374,904	19,316	12,011	343,577	19,316	12,011	343,577
AMADOR SUB	5161	66kV	27,986	71,009	5,466,112	5,565,106	27,986	71,009	5,466,112	27,986	71,009	5,466,112
FAIR OAKS SUB	5162	33kV & Below	9,204	18,975	1,882,462	1,910,640	9,204	18,975	1,882,462	9,204	18,975	1,882,462
REPETTO SUB	5164	66kV	11,399	159,286	4,256,379	4,427,064	11,399	159,286	4,256,379	11,399	159,286	4,256,379
MAYFLOWER SUB	5167	33kV & Below	12,984	82,539	1,367,723	1,463,245	12,984	82,539	1,367,723	12,984	82,539	1,367,723
HARDING SUB	5168	33kV & Below	10,403	15,903	299,685	325,992	10,403	15,903	299,685	10,403	15,903	299,685
RAYMOND SUB	5169	33kV & Below	-	6,085	31	6,117	-	-	-	-	6,085	31
TEMPLE SUB	5170	33kV & Below	16,469	27,218	827,586	871,273	16,469	27,218	827,586	16,469	27,218	827,586

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
BRADBURY SUB	5171	66kV	11,331	61,743	6,283,913	6,356,988				11,331	61,743	6,283,913
SHULTZ SUB	5172	66kV	-	43,094	908,111	951,206				-	43,094	908,111
SHARON SUB	5173	33kV & Below	21,259	49,677	946,984	1,017,921				21,259	49,677	946,984
VAIL SUB	5175	66kV	52,687	180,432	3,650,859	3,883,977				52,687	180,432	3,650,859
KIMBALL SUBSTATION	5176	66kV	-	2,030,630	11,331,567	13,362,196				-	2,030,630	11,331,567
DOCK SUBSTATION	5177	-	-	-	20,593	20,593				-	-	20,593
KIRK WALL SUBSTATION	5178	66kV	-	-	19,940	19,940				-	-	19,940
RAVENDALE SUB	5179	66kV	20,819	177,055	5,501,486	5,699,360				20,819	177,055	5,501,486
AIRPAC SUB	5180	66kV	830	-	-	830				830	-	-
AZUSA CITY SUB	5181	66kV	-	29,887	1,994,844	2,024,732				-	29,887	1,994,844
BADILLO SUB	5182	33kV & Below	4,275	28,372	1,494,427	1,527,074				4,275	28,372	1,494,427
BASSETT SUB	5184	66kV	25,036	291,768	6,788,475	7,105,279				25,036	291,768	6,788,475
CITRUS SUB	5185	66kV	65,892	170,715	3,806,027	4,042,635				65,892	170,715	3,806,027
CORTEZ SUB	5186	66kV	24,041	116,712	6,750,702	6,891,455				24,041	116,712	6,750,702
COVINA SUB	5187	33kV & Below	2,659	43,243	1,665,183	1,711,085				2,659	43,243	1,665,183
DALTON SUB	5188	66kV	2,386	334,733	4,163,935	4,501,054				2,386	334,733	4,163,935
MCA SUB	5190	66kV	27,864	18,822	900,737	947,423				27,864	18,822	900,737
INDUSTRY SUB	5191	66kV	32,825	47,014	4,700,063	4,779,902				32,825	47,014	4,700,063
LARK ELLEN SUB	5192	66kV	72,232	51,027	2,019,595	2,142,855				72,232	51,027	2,019,595
MERCED SUB	5193	66kV	54,374	116,355	2,731,516	2,902,245				54,374	116,355	2,731,516
SANIGEN SUB	5194	66kV	-	33,566	799,832	833,397				-	33,566	799,832
PUENTE SUB	5195	66kV	1,220	127,236	2,257,855	2,386,310				1,220	127,236	2,257,855
RAILROAD SUB	5196	66kV	64,449	123,660	4,685,304	4,873,414				64,449	123,660	4,685,304
ALHAMBRA DIST SUB TRG FAC	5198	-	-	30,613	1,965,545	1,996,159				-	30,613	1,965,545
BEVERLY HILLS SUB	5201	66kV	351,856	231,511	9,423,831	10,007,199				351,856	231,511	9,423,831
POLARIS SUB	5202	66kV	866	9,530	967,769	978,165				866	9,530	967,769
CULVER CITY SUB	5204	66kV	6,230	217,508	5,617,448	5,841,186				6,230	217,508	5,617,448
DOUGLAS-EL SEGUNDO SUB	5205	66kV	-	24,788	1,164,307	1,189,095				-	24,788	1,164,307
EL PORTO SUB	5206	33kV & Below	2,211	14,058	724,965	741,233				2,211	14,058	724,965
SEPULVEDA SUB	5207	66kV	8,981	232,610	3,347,372	3,588,964				8,981	232,610	3,347,372
FAIRFAX SUB	5208	66kV	79,779	253,445	4,371,640	4,704,865				79,779	253,445	4,371,640
DOHENY SUB	5209	33kV & Below	69,465	86,816	2,091,670	2,247,950				69,465	86,816	2,091,670
HOWARD SUB	5210	66kV	196,527	182,246	2,927,055	3,305,828				196,527	182,246	2,927,055
INGLEWOOD SUB	5211	66kV	23,554	107,634	3,393,787	3,524,975				23,554	107,634	3,393,787
MOOG SUBSTATION	5212	66kV	-	30,763	263,478	294,240				-	30,763	263,478
LENNOX SUB	5213	66kV	192,067	111,030	1,449,729	1,752,826				192,067	111,030	1,449,729
COSMIC SUB	5214	66kV	813	3,448	531,048	535,309				813	3,448	531,048
MADRID SUB	5215	33kV & Below	2,750	31,768	725,781	760,300				2,750	31,768	725,781
MANHATTAN SUB	5216	33kV & Below	4,119	51,568	838,150	893,838				4,119	51,568	838,150
MARINE SUB	5217	66kV	16,040	206,438	2,628,133	2,850,611				16,040	206,438	2,628,133
MONETA SUB	5218	33kV & Below	2,806	15,598	1,067,448	1,085,853				2,806	15,598	1,067,448
MORNINGSIDE SUB	5219	33kV & Below	18,302	25,163	823,415	866,880				18,302	25,163	823,415
HUGHTRON SUB	5220	66kV	-	1,880	337,973	339,853				-	1,880	337,973
OCEAN PARK SUB	5221	33kV & Below	31,028	32,768	668,998	732,795				31,028	32,768	668,998
OLYMPIC SUB	5222	33kV & Below	13,087	77,919	1,072,887	1,163,893				13,087	77,919	1,072,887
PALOS VERDES SUB	5223	33kV & Below	5,883	52,509	579,685	638,076				5,883	52,509	579,685
PEARL SUB	5224	33kV & Below	7,678	89,082	795,910	892,670				7,678	89,082	795,910
PERRY SUB	5225	33kV & Below	2,931	44,526	1,332,128	1,379,585				2,931	44,526	1,332,128
BRIGHTON SUB	5226	66kV	77,687	126,865	1,919,961	2,124,513				77,687	126,865	1,919,961
REDONDO SUB	5227	33kV & Below	5,705	16,874	2,105,353	2,127,931				5,705	16,874	2,105,353
ROSECRANS SUB	5228	66kV	4,956	30,611	3,351,505	3,387,071				4,956	30,611	3,351,505
MOBILOIL SUB	5229	66kV	11,578	152,120	13,437,352	13,601,050				11,578	152,120	13,437,352
SAN VINCENTE SUB	5230	33kV & Below	19,082	96,050	786,614	901,746				19,082	96,050	786,614
SANTA MONICA SUB	5231	66kV	19,462	407,539	10,766,459	11,193,460				19,462	407,539	10,766,459
VICTORIA SUB	5232	66kV	12,336	191,040	2,728,115	2,931,492				12,336	191,040	2,728,115
WALTERIA SUB	5233	66kV	37,069	176,172	4,220,942	4,434,183				37,069	176,172	4,220,942
WINDSOR HILLS SUB	5235	66kV	199,473	443,525	1,793,387	2,436,385				199,473	443,525	1,793,387
VALDEZ SUB	5236	66kV	160,109	203,955	7,536,954	7,901,018				160,109	203,955	7,536,954
LAWNDALE SUB	5238	33kV & Below	3,686	62,778	331,864	398,328				3,686	62,778	331,864
CRATER SUB	5239	66kV	7,593	62,142	3,955,462	4,025,197				7,593	62,142	3,955,462
RINDGE SUB	5240	33kV & Below	2,084	20,474	386,834	409,393				2,084	20,474	386,834
YUKON SUB	5241	66kV	29,665	100,348	4,118,268	4,248,281				29,665	100,348	4,118,268
COLORADO SUB	5242	66kV	19,578	232,681	11,479,554	11,731,813				19,578	232,681	11,479,554
TOPANGA SUB	5243	33kV & Below	5,014	373,079	225,909	604,001				5,014	373,079	225,909
FLETON SUB	5244	33kV & Below	132,571	125,626	3,406,126	3,664,323				132,571	125,626	3,406,126
BEDFORD SUB	5245	33kV & Below	41,628	260,387	1,423,080	1,725,094				41,628	260,387	1,423,080
DITMAR SUB	5246	66kV	229,538	173,504	2,931,544	3,334,586				229,538	173,504	2,931,544
HUGHESAIR SUB	5248	66kV	-	14,307	1,564,893	1,579,200				-	14,307	1,564,893
ZUMA SUB	5249	33kV & Below	5,208	31,441	142,979	179,628				5,208	31,441	142,979
SAWTELLE SUB	5250	66kV	-	153,083	1,063,647	1,216,730				-	153,083	1,063,647

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
RALPHS SUB	5251	66kV	-	8,601	46,932	55,533	-	-	-	-	8,601	46,932
ROLLING HILLS SUB	5252	66kV	27,101	72,220	3,205,289	3,304,609	-	-	-	27,101	72,220	3,205,289
TRISONIC SUB	5253	66kV	71	8,765	-	8,836	-	-	-	71	8,765	-
HAVEDA SUB	5254	33kV & Below	7,978	35,897	315,604	359,479	-	-	-	7,978	35,897	315,604
LUNADA SUB	5255	33kV & Below	4,827	37,372	863,412	905,611	-	-	-	4,827	37,372	863,412
AMCO SUB	5256	66kV	-	12,217	910,082	922,299	-	-	-	-	12,217	910,082
BRIDGE SUB	5257	66kV	23,157	27,837	568,285	619,279	-	-	-	23,157	27,837	568,285
SHELLINE	5258	66kV	831	8,054	44,837	53,722	-	-	-	831	8,054	44,837
STIRRUP SUB	5259	33kV & Below	15,342	59,571	898,560	973,473	-	-	-	15,342	59,571	898,560
COLOSSUS SUB	5260	66kV	-	35,949	932,643	968,592	-	-	-	-	35,949	932,643
LOSULFUR SUB	5261	66kV	-	7,488	1,081,852	1,089,340	-	-	-	-	7,488	1,081,852
ARCO SUBSTATION	5262	66kV	-	20,329	393,617	413,947	-	-	-	-	20,329	393,617
THERMAL SUB	5263	66kV	712	-	-	712	-	-	-	712	-	-
CREST SUB	5264	66kV	85,248	175,634	3,788,415	4,049,297	-	-	-	85,248	175,634	3,788,415
REFINERY SUB	5265	66kV	-	12,888	551,432	564,320	-	-	-	-	12,888	551,432
BLUFF COVE SUB	5266	33kV & Below	17,786	45,140	473,465	536,391	-	-	-	17,786	45,140	473,465
SPACE SUB	5267	66kV	1,459	10,369	683,441	695,269	-	-	-	1,459	10,369	683,441
TOPAZ SUB	5268	66kV	11,438	24,044	1,317,482	1,352,964	-	-	-	11,438	24,044	1,317,482
TORRANCE SUB	5269	66kV	63,292	136,965	3,535,136	3,735,393	-	-	-	63,292	136,965	3,535,136
CORNER SUB	5270	66kV	-	10,141	104,325	114,466	-	-	-	-	10,141	104,325
TAHITI SUB	5271	66kV	-	151,725	1,829,879	1,981,604	-	-	-	-	151,725	1,829,879
LATIGO SUB	5272	66kV	36,792	211,789	2,184,462	2,433,044	-	-	-	36,792	211,789	2,184,462
STANHILL SUB	5273	66kV	-	3,970	2,193,405	2,197,375	-	-	-	-	3,970	2,193,405
GALAXY SUB	5274	66kV	143	4,008	916,171	920,322	-	-	-	143	4,008	916,171
MARYMOUNT SUB	5275	66kV	87,320	529,137	1,268,948	1,885,405	-	-	-	87,320	529,137	1,268,948
AIRCHEM SUB	5276	66kV	1,829	6,948	524,459	533,236	-	-	-	1,829	6,948	524,459
TAPIA SUB	5277	66kV	4,988	455,405	2,522,424	2,982,817	-	-	-	4,988	455,405	2,522,424
WESTHILL SUB	5278	66kV	2,247	6,419	905,117	913,782	-	-	-	2,247	6,419	905,117
VARWIND SUB	5279	66kV	-	122,667	3,258,775	3,381,442	-	-	-	-	122,667	3,258,775
GATX SUB	5280	66kV	-	5,014	154,038	159,052	-	-	-	-	5,014	154,038
CARBOGEN SUB	5281	66kV	-	6,901	1,852,342	1,859,243	-	-	-	-	6,901	1,852,342
PALOGEN SUB	5282	66kV	-	6,841	706,438	713,280	-	-	-	-	6,841	706,438
CHEVGEN SUB	5283	66kV	-	80,962	6,365,590	6,446,552	-	-	-	-	80,962	6,365,590
XEROX SUBSTATION	5284	66kV	6,307	18,519	815,058	839,884	-	-	-	6,307	18,519	815,058
RALPHS SUB (COMPTON)	5285	66kV	13,453	14,674	586,075	614,202	-	-	-	13,453	14,674	586,075
TOYOTA SUB	5286	66kV	37,270	38,464	535,710	611,444	-	-	-	37,270	38,464	535,710
SONY SUBSTATION	5287	66kV	-	30,821	461,399	492,220	-	-	-	-	30,821	461,399
SHRED SUBSTATION	5288	66kV	-	-	289,179	289,179	-	-	-	-	-	289,179
TIDELANDS SUBSTATION	5289	66kV	-	14,980	1,259,156	1,274,136	-	-	-	-	14,980	1,259,156
HANJIIN SUBSTATION	5290	66kV	-	320,908	6,459,486	6,780,394	-	-	-	-	320,908	6,459,486
WASTEWATER SUBSTATION	5291	66kV	-	39,508	455,559	495,068	-	-	-	-	39,508	455,559
AIRPRO SUBSTATION	5292	66kV	-	11,464	1,007,840	1,019,304	-	-	-	-	11,464	1,007,840
DEL MAR SUBSTATION	5293	66kV	-	43,271	2,038,678	2,081,949	-	-	-	-	43,271	2,038,678
MAGMAGEN SUBSTATION	5294	66kV	-	-	57,526	57,526	-	-	-	-	-	57,526
CHEVCENTRAL SUB	5295	66kV	-	223,138	5,153,241	5,376,378	-	-	-	-	223,138	5,153,241
APL SUBSTATION	5296	66kV	-	22,124	956,249	978,373	-	-	-	-	22,124	956,249
KIWI SUBSTATION	5298	66kV	-	378	174,397	174,775	-	-	-	-	378	174,397
DOWNEY MED SUB	5299	66kV	-	62,695	330,145	392,840	-	-	-	-	62,695	330,145
NORTHERN DIVISION	5300	66kV	-	-	598,867	598,867	-	-	-	-	-	598,867
PITMAN SUB	5301	33kV & Below	-	701,348	2,763,504	3,464,851	-	-	-	-	701,348	2,763,504
BIG CREEK 2	5302	220kV	-	6,754	82,538	89,292	-	-	-	-	6,754	82,538
BLISS SUB	5303	66kV	533	437,876	11,471,562	11,909,970	-	-	-	533	437,876	11,471,562
BROWNING SUB	5304	66kV	1,931	14,488	597,003	613,422	-	-	-	1,931	14,488	597,003
DELANO SUB	5305	66kV	647	33,492	5,139,318	5,173,456	-	-	-	647	33,492	5,139,318
EARLMART SUB	5306	66kV	17	260,587	4,054,095	4,314,699	-	-	-	17	260,587	4,054,095
EXETER SUB	5307	33kV & Below	2,428	19,685	163,333	185,447	-	-	-	2,428	19,685	163,333
GLENNVILLE SUB	5308	66kV	-	36,583	755,289	791,873	-	-	-	-	36,583	755,289
GOSHEN SUB	5309	66kV	1,398	52,202	3,106,842	3,160,442	-	-	-	1,398	52,202	3,106,842
HANFORD SUB	5310	66kV	45,307	602,566	13,551,973	14,199,845	-	-	-	45,307	602,566	13,551,973
HAVILAH SUB	5311	66kV	9,406	14,611	114,183	138,201	-	-	-	9,406	14,611	114,183
LIBERTY SUB	5312	66kV	8,311	381,950	9,031,539	9,421,801	-	-	-	8,311	381,950	9,031,539
ELCANS SUB	5313	66kV	-	5,324	274,662	279,986	-	-	-	-	5,324	274,662
LAUREL SUB	5315	66kV	601	824,845	7,539,711	8,365,158	-	-	-	601	824,845	7,539,711
LEMON COVE SUB	5316	66kV	2,554	7,358	333,258	343,170	-	-	-	2,554	7,358	333,258
LINDSAY SUB	5317	66kV	4,389	179,743	3,727,605	3,911,736	-	-	-	4,389	179,743	3,727,605
LORAIN SUB	5318	66kV	-	6,319	850,693	857,013	-	-	-	-	6,319	850,693
MARIPOSA SUB	5319	66kV	2,251	15,886	536,707	554,844	-	-	-	2,251	15,886	536,707
OCTOL SUB	5320	66kV	1,554	83,138	5,405,883	5,490,574	-	-	-	1,554	83,138	5,405,883
PIXLEY SUB	5321	66kV	1,250	450,178	5,777,428	6,228,856	-	-	-	1,250	450,178	5,777,428
POPLAR SUB	5322	66kV	711	289,596	3,387,614	3,677,920	-	-	-	711	289,596	3,387,614

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
PORTERVILLE SUB	5323	66kV	2,930	284,185	8,163,278	8,450,393				2,930	284,185	8,163,278
ULTRAGEN SUB	5324	66kV	32,746	27,723	568,653	629,122				32,746	27,723	568,653
STRATHMORE SUB	5325	66kV	2,537	58,015	2,212,522	2,273,074				2,537	58,015	2,212,522
TERRA BELLA SUB	5326	66kV	300	57,466	752,921	810,686				300	57,466	752,921
TIPTON SUB	5327	66kV	501	648,816	9,857,546	10,506,863				501	648,816	9,857,546
TULARE SUB	5328	66kV	3,522	281,494	11,305,542	11,590,559				3,522	281,494	11,305,542
VENICE HILL SUB	5329	66kV	14,777	174,853	3,724,344	3,913,974				14,777	174,853	3,724,344
VENIDA SUB	5330	66kV	1,683	906,542	7,625,382	8,533,607				1,683	906,542	7,625,382
VISALIA SUB	5331	66kV	198	86,689	4,666,073	4,752,961				198	86,689	4,666,073
WALKERBASIN SUB	5332	66kV	-	37,943	116,860	154,803				-	37,943	116,860
WOODVILLE SUB	5333	66kV	200	12,066	2,046,011	2,058,277				200	12,066	2,046,011
KAWGEN SUB	5334	66kV	-	5,506	23,488	28,994				-	5,506	23,488
LOUIS RICH	5335	66kV	-	7,049	264,955	272,004				-	7,049	264,955
COLUMBINE SUB	5336	66kV	3,281	2,991	142,719	148,992				3,281	2,991	142,719
OAK GROVE SUB	5337	66kV	1,488	409,162	5,377,253	5,787,903				1,488	409,162	5,377,253
MOONEY SUB	5338	33kV & Below	1,834	30,714	228,864	261,413				1,834	30,714	228,864
GREENHORN SUB	5339	66kV	727	12,872	55,840	69,439				727	12,872	55,840
DIVISADERO SUB	5340	33kV & Below	2,309	37,083	132,042	171,434				2,309	37,083	132,042
GRANGEVILLE SUB	5342	33kV & Below	1,318	9,221	139,653	129,114				1,318	9,221	129,114
QUINN SUB	5343	66kV	5,352	6,114	301,863	313,329				5,352	6,114	301,863
WOODLAKE SUB	5344	33kV & Below	5,748	-	540	6,288				5,748	-	540
CAPTIVE SUB	5345	66kV	10,241	17,811	454,961	483,013				10,241	17,811	454,961
CHATHAM SUB	5346	66kV	1,846	14,556	531,010	547,412				1,846	14,556	531,010
ISABELLA SUB	5347	66kV	4,659	18,128	695,435	718,221				4,659	18,128	695,435
WHEATLAND SUB	5348	66kV	1,739	16,676	1,064,992	1,083,407				1,739	16,676	1,064,992
THREE RIVERS SUB	5350	66kV	2,788	40,519	412,321	455,628				2,788	40,519	412,321
BOXWOOD SUB	5351	66kV	6,973	34,507	628,622	670,102				6,973	34,507	628,622
LINE CREEK SUB	5352	33kV & Below	-	4,794	233,785	238,579				-	4,794	233,785
WELDON SUB	5353	66kV	7,156	25,622	871,254	904,031				7,156	25,622	871,254
KERNVILLE SUB	5356	66kV	-	362,251	2,062,191	2,424,442				-	362,251	2,062,191
CUMMINGS SUB	5357	66kV	679	21,631	1,172,975	1,195,285				679	21,631	1,172,975
MONOLITH SUB	5358	66kV	296	648,170	8,271,512	8,919,978				296	648,170	8,271,512
BREEZE SUB	5360	66kV	43,084	10,730	2,603,967	2,657,781				43,084	10,730	2,603,967
PANDOL SUB	5361	66kV	12,561	16,138	737,610	766,308				12,561	16,138	737,610
LANPRI SUB	5362	66kV	3,468	13,193	43,672	60,332				3,468	13,193	43,672
VIRGIN SUB	5363	66kV	35,760	-	319,855	355,616				35,760	-	319,855
DESAL SUB	5366	66kV	-	46,691	346,030	392,721				-	46,691	346,030
ARCO SUB	5368	66kV	39,443	87,536	601,358	728,337				39,443	87,536	601,358
ELLWOOD SUB	5369	66kV	-	-	162,822	162,822				-	-	162,822
DAIRY SUB	5370	66kV	6,241	20,596	552,743	579,580				6,241	20,596	552,743
LEHMAN SUB	5371	66kV	-	10,138	292,628	302,766				-	10,138	292,628
CAPITAN SUB	5372	66kV	36,252	19,028	2,204,414	2,259,693				36,252	19,028	2,204,414
PROTEIN SUBSTATION	5373	66kV	-	62,485	1,043,316	1,105,801				-	62,485	1,043,316
RIVERWAY SUB	5374	66kV	-	497,197	11,224,675	11,721,872				-	497,197	11,224,675
MASCOT SUB	5375	-	-	2,490,288	14,599,257	17,089,545				-	2,490,288	14,599,257
N/E T/S DIV-VARIOUS SUB	5400	66kV	-	-	6,671	6,671				-	-	6,671
MISSILE SUB(POINT MOGU)	5401	66kV	-	35,896	577,018	612,914				-	35,896	577,018
ZOND WIND SUB	5402	66kV	-	3,674	214,229	217,903				-	3,674	214,229
CALWIND SUB	5404	66kV	-	-	6,799	6,799				-	-	6,799
CANWIND SUB	5405	66kV	-	-	304,629	304,629				-	-	304,629
ENWIND SUB	5406	66kV	-	-	297,942	297,942				-	-	297,942
MORWIND SUB	5409	66kV	-	-	40,623	40,623				-	-	40,623
FLOWIND SUB	5410	66kV	50,342	-	480,651	530,993				50,342	-	480,651
ARBWIND SUB	5411	66kV	-	-	91,309	91,309				-	-	91,309
SILVER PEAK SUB	5412	66kV	-	-	61,463	61,463				-	-	61,463
DUTCHWIND SUB	5414	66kV	-	6,122	179,336	185,458				-	6,122	179,336
OAKWIND SUB	5415	66kV	-	-	100,703	100,703				-	-	100,703
SOUTHWIND SUB	5423	66kV	72,875	113,162	260,195	446,232				72,875	113,162	260,195
MIDWIND SUB	5424	66kV	65,768	14,917	555,575	636,261				65,768	14,917	555,575
ZEEWIND SUB	5425	66kV	-	168	32,191	32,358				-	168	32,191
WRIGHTWOOD SUB	5461	33kV & Below	27,650	235,220	5,994,239	6,257,110				27,650	235,220	5,994,239
TORTOISE SUB	5462	66kV	-	-	421,287	421,287				-	-	421,287
RITEAID SUBSTATION	5463	66kV	-	9,498	592,344	601,842				-	9,498	592,344
CORRECTION SUBSTATION	5464	66kV	-	29,688	612,447	642,135				-	29,688	612,447
NORTHERN DIV SUB	5500	SION OFFICES & MISCELLANE	-	-	16,765	16,765				-	-	16,765
TORREY SUB	5502	66kV	1,068	9,101	80,366	90,535				1,068	9,101	80,366
CARPINTERIA SUB	5503	66kV	3,006	219,644	2,315,987	2,538,637				3,006	219,644	2,315,987
CASITAS SUB	5504	66kV	1,281	186,446	3,391,939	3,579,666				1,281	186,446	3,391,939
COLONIA SUB	5505	66kV	1,945	328,540	7,039,544	7,370,030				1,945	328,540	7,039,544
CHANNEL ISLANDS SUB	5506	66kV	97,258	443,016	3,456,885	3,997,159				97,258	443,016	3,456,885

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
ORTEGA SUB	5507	66kV	319,669	370,481	2,046,922	2,737,071				319,669	370,481	2,046,922
DEL SUR SUB	5508	66kV	1,493	391,533	5,903,778	6,296,804				1,493	391,533	5,903,778
OXGEN SUB	5509	66kV	554	86	31,575	32,216				554	86	31,575
FILLMORE SUB	5510	66kV	58,777	216,176	2,048,725	2,323,678				58,777	216,176	2,048,725
GOLDTOWN SUB	5511	66kV	187	148,977	1,792,351	1,941,515				187	148,977	1,792,351
LANCASTER SUB	5514	66kV	-	333,422	5,984,135	6,317,557				-	333,422	5,984,135
COLEGIO SUBSTATION	5515	66kV	-	24,287	970,726	995,013				-	24,287	970,726
PROCGEN SUB	5516	66kV	-	58,841	2,130,446	2,189,287				-	58,841	2,130,446
CAMARILLO SUB	5517	66kV	28,584	422,945	5,513,358	5,964,887				28,584	422,945	5,513,358
LITTLE ROCK SUB	5518	66kV	443	391,983	9,339,742	9,732,168				443	391,983	9,339,742
MALIBU SUB	5519	66kV	14,389	301,346	5,449,553	5,765,288				14,389	301,346	5,449,553
MODOC SUB	5520	33kV & Below	6,752	64,975	1,026,864	1,098,591				6,752	64,975	1,026,864
UNIOIL SUB	5521	66kV	-	25,088	829,668	854,757				-	25,088	829,668
SHUTTLE SUB	5522	66kV	11,913	432,521	7,628,904	8,073,338				11,913	432,521	7,628,904
NORTHWIND SUB	5523	66kV	-	77,035	373,365	450,400				-	77,035	373,365
MONTECITO SUB	5524	33kV & Below	5,859	58,699	677,147	741,705				5,859	58,699	677,147
OAK PARK SUB	5525	66kV	389,361	866,592	4,154,932	5,410,885				389,361	866,592	4,154,932
OJAI SUB	5526	66kV	18,795	102,104	1,706,533	1,827,431				18,795	102,104	1,706,533
OXNARD SUB	5527	33kV & Below	7,735	66,117	1,433,932	1,507,784				7,735	66,117	1,433,932
PIERPONT SUB	5528	33kV & Below	1,727	28,038	1,151,177	1,180,943				1,727	28,038	1,151,177
PIRU SUB	5529	33kV & Below	-	13,026	-	13,026				-	13,026	-
REDMAN WUB	5530	66kV	959	18,768	751,621	771,349				959	18,768	751,621
SANTA BARBARA SUB	5531	66kV	36,967	394,774	5,145,624	5,577,364				36,967	394,774	5,145,624
SANTA SUSANA SUB	5532	66kV	5,325	150,193	7,268,756	7,424,274				5,325	150,193	7,268,756
SATICOY SUB	5534	66kV	12,556	661,718	3,049,209	3,723,483				12,556	661,718	3,049,209
CHARMIN SUB	5535	66kV	10,253	25,441	1,656,380	1,692,074				10,253	25,441	1,656,380
SOMIS SUB	5536	66kV	2,602	28,001	1,365,293	1,395,896				2,602	28,001	1,365,293
VENTURA SUB	5538	33kV & Below	3,099	150,517	967,258	1,120,874				3,099	150,517	967,258
ROSAMOND SUB	5541	66kV	1,088	82,788	3,155,861	3,239,737				1,088	82,788	3,155,861
NORTH OAKS	5542	66kV	141,650	192,518	6,082,141	6,416,310				141,650	192,518	6,082,141
WILLAMETTE SUB	5543	66kV	-	11,660	505,487	517,147				-	11,660	505,487
CAMAR SUB	5544	33kV & Below	-	17,698	53,798	71,496				-	17,698	53,798
PIUTE SUB	5545	66kV	3,757	55,480	625,802	685,038				3,757	55,480	625,802
ELIZABETH LAKE SUB	5546	66kV	86,331	140,794	7,329,401	7,556,526				86,331	140,794	7,329,401
OASIS SUB	5548	66kV	5,188	1,498,141	9,131,718	10,635,046				5,188	1,498,141	9,131,718
PORTER SUB	5549	33kV & Below	881	5,064	554,414	560,359				881	5,064	554,414
SAN FERNANDO SUB	5550	66kV	519	120,637	3,483,492	3,604,647				519	120,637	3,483,492
MAC NEIL SUBSTATION	5551	66kV	2,903	22,947	1,261,571	1,287,421				2,903	22,947	1,261,571
LEVY SUB	5552	66kV	16,548	165,645	2,267,484	2,449,678				16,548	165,645	2,267,484
CAL CEMENT SUB	5553	66kV	-	50,567	1,626,456	1,677,023				-	50,567	1,626,456
SHELLSOM SUB	5554	66kV	1,155	3,687	29,468	34,310				1,155	3,687	29,468
CHATSWORTH SUB	5555	66kV	3,166	31,891	3,062,585	3,097,642				3,166	31,891	3,062,585
NEENACH SUB	5556	66kV	3,209	84,587	450,462	538,257.33				3,209	84,587	450,462
NEWBURY SUB	5557	66kV	55,458	159,579	8,632,118	8,847,154				55,458	159,579	8,632,118
SOLEMINT SUB	5560	66kV	17,363	253,916	3,254,754	3,526,033				17,363	253,916	3,254,754
GREAT LAKES SUB	5561	66kV	-	86,872	234,593	321,465				-	86,872	234,593
GRISWOLD SUB	5562	33kV & Below	24,305	21,959	347,703	393,967				24,305	21,959	347,703
ESTERO SUB	5563	66kV	19,480	104,070	2,742,474	2,866,025				19,480	104,070	2,742,474
PALMDALE SUB	5564	66kV	62,303	386,647	7,343,147	7,792,098				62,303	386,647	7,343,147
PLAYA SUB	5565	33kV & Below	24,433	76,644	614,751	715,828				24,433	76,644	614,751
WILSONA SUB	5567	66kV	4,376	6,749	253,580	264,705				4,376	6,749	253,580
LOCKHEED SUB	5568	66kV	2,213	10,803	3,141,044	3,154,061				2,213	10,803	3,141,044
THOUSAND OAKS SUB	5569	66kV	50,503	164,508	8,613,270	8,828,281				50,503	164,508	8,613,270
VEGAS SUB	5570	66kV	44,273	119,220	2,648,298	2,811,790				44,273	119,220	2,648,298
GAVIOTA SUB	5572	66kV	9,947	77,021	1,718,471	1,805,439				9,947	77,021	1,718,471
ROCKETDYNE SUB	5573	66kV	-	7,455	-	7,455				-	7,455	-
APPGEN SUB	5574	66kV	-	-	293,254	293,254				-	-	293,254
TENGEN SUB	5575	66kV	290,531	303,058	778,786	1,372,375				290,531	303,058	778,786
NEWHALL SUB	5576	66kV	37,678	291,669	5,526,261	5,855,609				37,678	291,669	5,526,261
SAN MIGUEL SUB	5577	66kV	50,004	88,468	2,440,472	2,578,944				50,004	88,468	2,440,472
BURRO FLATS SUB	5578	66kV	463	4,953	198,591	204,007				463	4,953	198,591
WAKEFIELD SUB	5579	66kV	33,431	110,789	4,765,659	4,909,879				33,431	110,789	4,765,659
ROYAL SUB	5580	66kV	37,664	135,582	5,901,177	6,074,423				37,664	135,582	5,901,177
EXXON CO. USA SUB	5581	66kV	4,192	116,903	2,134,147	2,255,242				4,192	116,903	2,134,147
PITCHGEN SUB	5582	66kV	-	3,719	1,308,649	1,312,369				-	3,719	1,308,649
UNIVERSAL CITY SUB	5584	66kV	12,340	9,320	660,212	681,872				12,340	9,320	660,212
SAN MARCOS SUB	5585	66kV	28,884	66,779	1,526,082	1,621,745				28,884	66,779	1,526,082
GONZALES SUB	5587	66kV	144,447	136,435	5,922,134	6,203,016				144,447	136,435	5,922,134
THRUST SUB	5589	66kV	-	5,405	60,093	65,498				-	5,405	60,093
WESTPAC SUB	5591	66kV	-	28,672	929,458	958,130				-	28,672	929,458

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
HASKELL SUB	5594	66kV	28,940	289,993	6,418,978	6,737,911				28,940	289,993	6,418,978
CAMGEN SUB	5595	66kV	-	1,270	138,890	140,160				-	1,270	138,890
ISLA VISTA SUB	5596	66kV	119,260	214,809	2,216,142	2,550,211				119,260	214,809	2,216,142
POTRERO SUB	5597	66kV	73,582	221,551	6,016,593	6,311,725				73,582	221,551	6,016,593
HELIJET SUB	5599	66kV	-	235,231	2,232,856	2,468,087				-	235,231	2,232,856
EASTERN DIV SUB	5600	Div Offices & Misc	-	-	616,419	616,419				-	-	616,419
RANDALL SUB	5601	66kV	17,910	798,804	8,685,269	9,501,983				17,910	798,804	8,685,269
ARRO SUB	5602	33kV & Below	2,514	33,873	1,026,386	1,062,773				2,514	33,873	1,026,386
TROPHY SUB	5603	66kV	60,671	393,437	7,468,905	7,923,013				60,671	393,437	7,468,905
TIMOTEO SUB	5604	66kV	8,333	476,623	3,813,357	4,298,313				8,333	476,623	3,813,357
BEAUMONT SUB	5605	33kV & Below	265	41,259	333,531	375,055				265	41,259	333,531
ORANGE PRODUCTS SUB	5606	66kV	2,627	3,800	288,547	288,547				2,627	3,800	288,547
CAPSULE SUB	5607	66kV	680	5,934	39,513	46,127				680	5,934	39,513
CARDIFF SUB	5608	66kV	10,891	242,970	10,225,538	10,479,400				10,891	242,970	10,225,538
PLASTIC SUB	5609	66kV	-	10,453	326,993	337,446				-	10,453	326,993
COLTON SUB	5610	66kV	5,846	156,721	3,839,341	4,001,908				5,846	156,721	3,839,341
LIVE OAK SUB	5611	66kV	17,348	158,066	6,203,728	6,379,142				17,348	158,066	6,203,728
INLAND CONTAINER SUB	5612	66kV	-	-	85,650	85,650				-	-	85,650
AGUA MANSA SUB	5613	66kV	-	-	22,148	22,148				-	-	22,148
PEYTON SUB	5614	66kV	24,965	252,610	6,332,900	6,610,475				24,965	252,610	6,332,900
DECLIZ SUB	5615	66kV	3,638	104,601	8,576,882	8,685,122				3,638	104,601	8,576,882
FLANCO SUB	5616	33kV & Below	4,820	32,830	382,294	419,944				4,820	32,830	382,294
GANESHA SUB	5617	66kV	4,738	126,603	4,694,888	4,826,229				4,738	126,603	4,694,888
FIREHOUSE SUB	5618	66kV	39,026	510,330	8,018,467	8,567,823				39,026	510,330	8,018,467
HIGHLAND SUB	5619	66kV	1,915	645,757	7,759,646	8,407,318				1,915	645,757	7,759,646
BLOOMINGTON SUB	5620	66kV	14,412	243,863	8,006,800	8,265,075				14,412	243,863	8,006,800
HUSTON SUB	5621	33kV & Below	9,257	28,410	2,861,240	2,898,907				9,257	28,410	2,861,240
JUNCTION SUB	5622	33kV & Below	-	129,668	506,757	636,425				-	129,668	506,757
NORCO SUB	5624	33kV & Below	1,612	3,319	232,564	237,495				1,612	3,319	232,564
ONTARIO SUB	5625	33kV & Below	4,295	57,704	1,731,471	1,793,469				4,295	57,704	1,731,471
PEDLEY SUB	5626	66kV	880	59,716	4,871,937	4,932,533				880	59,716	4,871,937
POMONA SUB	5627	33kV & Below	7,625	58,419	997,202	1,063,247				7,625	58,419	997,202
TENNESSEE SUB	5628	66kV	18,482	261,336	4,420,451	4,700,269				18,482	261,336	4,420,451
REDLANDS SUB	5629	66kV	20,169	92,815	6,685,730	6,798,714				20,169	92,815	6,685,730
GRAPELAND PEAKER SUB	5630	66kV	-	359,351	1,124,163	1,483,514				-	359,351	1,124,163
SAN ANTONIO SUB	5631	66kV	5,741	140,893	4,796,072	4,942,706				5,741	140,893	4,796,072
STODDARD SUB	5632	33kV & Below	5,802	188,176	1,909,473	2,103,451				5,802	188,176	1,909,473
SAN DIMAS SUB	5633	66kV	6,635	125,628	2,937,729	3,069,991				6,635	125,628	2,937,729
KAISER STEEL SUB	5634	66kV	-	-	415,140	415,140				-	-	415,140
UPLAND SUB	5635	66kV	4,772	197,181	5,448,046	5,649,998				4,772	197,181	5,448,046
YUCAIPA SUB	5636	66kV	6,287	151,351	7,931,193	8,088,831				6,287	151,351	7,931,193
TIPPECANOE SUB	5637	33kV & Below	6,560	34,879	785,430	826,868				6,560	34,879	785,430
KEM SUB	5638	66kV	-	1,489	519,751	521,240				-	1,489	519,751
FRANCIS SUB	5639	66kV	21,324	55,217	3,621,162	3,697,702				21,324	55,217	3,621,162
BURNT MILL SUB	5640	33kV & Below	19,322	34,036	2,106,142	2,159,500				19,322	34,036	2,106,142
MT VERNON SUB	5641	33kV & Below	5,953	23,766	1,949,318	1,979,037				5,953	23,766	1,949,318
EUCLID SUB	5644	33kV & Below	2,156	10,237	395,748	408,140				2,156	10,237	395,748
LAYFAIR SUB	5645	66kV	3,268	125,478	7,966,020	8,094,766				3,268	125,478	7,966,020
COLTON CEMENT SUB	5646	66kV	-	22,182	992,020	1,014,202				-	22,182	992,020
VALENCIA SUB	5647	33kV & Below	8,437	80,880	367,586	456,902				8,437	80,880	367,586
NAROD SUB	5648	66kV	6,865	83,469	12,112,439	12,202,773				6,865	83,469	12,112,439
LINDE AIR SUB	5650	66kV	-	2,897	371,263	374,160				-	2,897	371,263
AMERON SUB	5652	66kV	11,898	14,597	1,287,098	1,313,593				11,898	14,597	1,287,098
SMILEY SUB	5653	33kV & Below	1,590	99,695	1,134,974	1,236,259				1,590	99,695	1,134,974
REDUCTION SUB	5654	66kV	2,631	261,926	4,411,391	4,675,948				2,631	261,926	4,411,391
NOGALES SUB	5655	66kV	23,176	87,297	2,938,739	3,049,211				23,176	87,297	2,938,739
BAIN SUB	5656	66kV	28,695	395,324	3,856,839	4,280,859				28,695	395,324	3,856,839
WHEEL SUB	5657	66kV	882	-	-	882				882	-	-
PIPE SUB	5658	66kV	410	16,221	1,154,230	1,170,862				410	16,221	1,154,230
ARCHIBALD SUB	5659	66kV	9,307	236,361	6,046,190	6,291,858				9,307	236,361	6,046,190
RUNNING SPRINGS SUB	5661	33kV & Below	12,065	29,977	1,443,807	1,485,849				12,065	29,977	1,443,807
ARBORS SUB	5662	66kV	-	-	40,350	40,350				-	-	40,350
MILLIKEN SUB	5663	66kV	795,975	527,901	7,971,237	9,295,113				795,975	527,901	7,971,237
WIMBLEDON SUB	5664	66kV	-	406,516	4,411,501	4,818,017				-	406,516	4,411,501
HAVASU SUB	5665	66kV	2,142	7,329	324,837	334,308				2,142	7,329	324,837
ARCHLINE SUB	5667	66kV	19,821	170,604	4,765,861	4,956,285				19,821	170,604	4,765,861
CRESTMORE SUB	5668	66kV	850	3,351	140,140	144,342				850	3,351	140,140
DEL ROSA SUB	5670	66kV	14,078	352,640	3,515,903	3,882,621				14,078	352,640	3,515,903
ALDER SUB	5672	66kV	8,032	237,521	9,190,942	9,436,494				8,032	237,521	9,190,942
WHIPPLE SUB	5674	66kV	14,262	137,256	1,465,641	1,617,158				14,262	137,256	1,465,641

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
CUCAMONGA SUB	5677	66kV	13,341	266,107	5,836,907	6,116,355				13,341	266,107	5,836,907
LANDING SUB	5678	66kV	4,700	14,535	1,523,540	1,542,775				4,700	14,535	1,523,540
CHASE SUB	5679	66kV	-	534,447	10,121,809	10,656,257				-	534,447	10,121,809
DIAMOND BAR SUB	5680	66kV	505,887	271,703	4,537,558	5,315,148				505,887	271,703	4,537,558
GARDEN STATE SUB	5681	66kV	-	6,899	19,605	26,504				-	6,899	19,605
UNIMED SUB	5682	66kV	-	-	12,137	12,137				-	-	12,137
DELGEN SUB	5683	66kV	-	9,269	107,057	116,326				-	9,269	107,057
CIMGEN SUB	5685	66kV	-	1,333	292,050	293,383				-	1,333	292,050
SOQUEL SUB	5686	66kV	333,364	623,976	4,796,489	5,753,829				333,364	623,976	4,796,489
ROCKAIR SUB	5688	66kV	9,232	12,621	243,309	265,162				9,232	12,621	243,309
SIMPSON SUB	5690	66kV	-	1,946	-	1,946				-	1,946	-
DATABANK SUB	5694	66kV	4,232	6,444	837,403	848,079				4,232	6,444	837,403
CLAREMONT SUB	5695	66kV	28,833	4,829	122,895	156,558				28,833	4,829	122,895
FIBRE SUB	5696	66kV	-	13,172	891,247	904,419				-	13,172	891,247
POLYPRO SUB	5697	66kV	-	43,119	1,008,753	1,051,872				-	43,119	1,008,753
KINDER SUB.	5699	66kV	-	30,407	481,045	511,452				-	30,407	481,045
ALON SUB	5701	66kV	13,817	116,587	4,382,557	4,512,961				13,817	116,587	4,382,557
VIDEO SUB	5702	66kV	8,662	-	-	8,662				8,662	-	-
NAVY MOLE SUB	5704	66kV	-	20,356	147,439	167,795				-	20,356	147,439
SHELLWAT SUB	5705	66kV	-	9,109	1,717,494	1,726,602				-	9,109	1,717,494
BELMONT SUB	5706	33kV & Below	3,742	32,086	1,647,758	1,683,586				3,742	32,086	1,647,758
BIXBY SUB	5707	33kV & Below	18,626	81,054	290,684	390,365				18,626	81,054	290,684
BOWL SUB	5708	66kV	21,182	144,012	3,363,419	3,528,613				21,182	144,012	3,363,419
INJECTION SUB	5709	66kV	2,075	5,152	114,989	122,216				2,075	5,152	114,989
BREWSTER SUB	5710	33kV & Below	14,222	37,687	502,545	554,455				14,222	37,687	502,545
CARSON SUB	5711	66kV	95,073	334,183	2,667,272	3,096,528				95,073	334,183	2,667,272
CAMERON SUB	5712	66kV	-	170,589	4,536,902	4,707,491				-	170,589	4,536,902
CUDAHY SUB	5714	66kV	23,610	338,954	7,107,063	7,469,627				23,610	338,954	7,107,063
BOOST SUB	5717	66kV	1,297	31,622	804,985	837,903				1,297	31,622	804,985
FRUITLAND SUB	5718	66kV	39,968	51,701	2,901,848	2,993,518				39,968	51,701	2,901,848
ASTRO SUB	5719	66kV	-	7,855	713,914	721,769				-	7,855	713,914
FREEMONT SUB	5720	66kV	96,955	134,116	2,552,381	2,783,452				96,955	134,116	2,552,381
DIKE SUBSTATION	5721	66kV	-	29,829	1,566,116	1,595,945				-	29,829	1,566,116
PICO SUBSTATION	5722	66kV	-	410,615	7,115,280	7,525,895				-	410,615	7,115,280
CORNUTA SUBSTATION	5723	66kV	86,695	169,514	2,421,821	2,678,030				86,695	169,514	2,421,821
GRAHAM SUBSTATION	5725	33kV & Below	3,622	233,521	645,847	882,991				3,622	233,521	645,847
HATHAWAY SUBSTATION	5726	66kV	26,442	125,518	5,336,410	5,488,371				26,442	125,518	5,336,410
ATHENS SUBSTATION	5727	33kV & Below	8,170	44,170	1,070,452	1,122,793				8,170	44,170	1,070,452
HUNTINGTON PARK SUB	5728	33kV & Below	1,512	96,112	2,763,684	2,861,307				1,512	96,112	2,763,684
PACLINE SUBSTATION	5730	66kV	1,790	20,788	567,421	589,999				1,790	20,788	567,421
LYNWOOD SUBSTATION	5731	33kV & Below	15,754	47,377	874,960	938,090				15,754	47,377	874,960
MAYWOOD SUBSTATION	5732	33kV & Below	2,736	64,613	1,173,377	1,240,726				2,736	64,613	1,173,377
LAKEWOOD SUBSTATION	5733	66kV	2,066	63,465	780,257	845,788				2,066	63,465	780,257
LINDEN SUBSTATION	5734	33kV & Below	1,533	21,314	507,458	530,305				1,533	21,314	507,458
LOCUST SUBSTATION	5735	33kV & Below	2,319	81,832	2,851,715	2,935,866				2,319	81,832	2,851,715
LOS CERRITOS SUB	5738	66kV	176,528	310,770	1,723,669	2,210,967				176,528	310,770	1,723,669
RANDOLPH SUBSTATION	5739	66kV	18,869	165,378	5,247,183	5,431,431				18,869	165,378	5,247,183
NAPLES SUBSTATION	5740	33kV & Below	4,644	58,873	795,919	859,437				4,644	58,873	795,919
THUMS "A" SUBSTATION	5741	66kV	-	1,433	132,865	134,299				-	1,433	132,865
THUMS "B" SUBSTATION	5742	66kV	-	1,441	172,520	173,961				-	1,441	172,520
OLDFIELD SUBSTATION	5744	33kV & Below	11,496	71,247	1,213,900	1,296,643				11,496	71,247	1,213,900
LARDER SUBSTATION	5745	33kV & Below	-	13,108	241,189	254,297				-	13,108	241,189
SANITREAT SUBSTATION	5746	66kV	1,000	5,047	18,018	24,065				1,000	5,047	18,018
FERNWOOD SUBSTATION	5749	66kV	21,800	64,068	2,465,317	2,551,185				21,800	64,068	2,465,317
CALDEN SUBSTATION	5750	66kV	109,960	66,154	837,110	1,013,224				109,960	66,154	837,110
NOLA SUBSTATION	5751	66kV	149,061	592,660	2,536,691	3,278,412				149,061	592,660	2,536,691
SIGNAL HILL	5753	66kV	23,308	193,033	2,361,558	2,577,899				23,308	193,033	2,361,558
SOMERSET SUBSTATION	5754	66kV	5,781	127,401	2,981,768	3,114,950				5,781	127,401	2,981,768
STATE STREET SUBSTATION	5755	66kV	36,338	230,388	3,687,060	3,953,786				36,338	230,388	3,687,060
BULLIS SUBSTATION	5756	66kV	7,072	234,429	4,299,305	4,540,806				7,072	234,429	4,299,305
WEBCO SUBSTATION	5757	66kV	-	12,942	222,111	235,053				-	12,942	222,111
WATSON SUBSTATION	5758	66kV	65,255	113,352	2,026,500	2,205,107				65,255	113,352	2,026,500
THUMS "C" SUBSTATION	5759	66kV	-	1,521	171,607	173,128				-	1,521	171,607
THUMS "D" SUBSTATION	5760	66kV	-	1,644	170,366	172,010				-	1,644	170,366
COLLEGE SUBSTATION	5763	66kV	-	-	340,369	340,369				-	-	340,369
REVITAL SUBSTATION	5765	66kV	29,526	4,032	252,724	286,282				29,526	4,032	252,724
DAISY SUBSTATION	5766	33kV & Below	21,725	153,243	733,358	908,326				21,725	153,243	733,358
COMPTON SUBSTATION	5767	33kV & Below	1,227	58,663	472,455	532,345				1,227	58,663	472,455
BROADWAY	5768	66kV	96,151	143,635	2,200,477	2,440,263				96,151	143,635	2,200,477
CLARK SUBSTATION	5769	66kV	7,529	99,075	1,474,860	1,581,463				7,529	99,075	1,474,860

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
GAGE SUBSTATION	5770	33kV & Below	1,200	15,801	989,219	1,006,221				1,200	15,801	989,219
LUCAS SUBSTATION	5771	66kV	11,216	387,695	6,160,422	6,559,333				11,216	387,695	6,160,422
IMPERIAL SUB	5772	66kV	22,377	3,295,065	75,713	3,393,154				22,377	3,295,065	75,713
FUEL SUBSTATION	5773	66kV	-	12,379	282,871	295,250				-	12,379	282,871
LONGDON SUBSTATION	5774	33kV & Below	2,943	176,267	1,329,133	1,508,343				2,943	176,267	1,329,133
DOMHILL SUBSTATION	5775	66kV	-	16,317	238,827	255,143				-	16,317	238,827
JERSEY SUBSTATION	5776	66kV	30,305	243,990	4,409,485	4,683,780				30,305	243,990	4,409,485
WOODRUFF SUBSTATION	5777	33kV & Below	12,169	419,590	2,290,904	2,722,663				12,169	419,590	2,290,904
DAVIDSON CITY	5779	33kV & Below	4,957	48,182	441,482	494,621				4,957	48,182	441,482
NAOMI SUBSTATION	5780	33kV & Below	18,552	58,706	540,250	617,508				18,552	58,706	540,250
NEPTUNE SUBSTATION	5781	66kV	52,528	108,615	2,320,719	2,481,862				52,528	108,615	2,320,719
DOUGOIL SUB	5782	66kV	-	23,527	1,308,215	1,331,741				-	23,527	1,308,215
ERIC SUBSTATION	5783	66kV	49,964	303,753	2,270,137	2,623,854				49,964	303,753	2,270,137
HEDDA SUBSTATION	5784	33kV & Below	3,773	58,196	510,737	572,706				3,773	58,196	510,737
SUNNYSIDE SUBSTATION	5785	66kV	32,118	103,187	2,887,275	3,022,580				32,118	103,187	2,887,275
SOUTH GATE SUBSTATION	5787	33kV & Below	4,092	151,436	1,052,166	1,207,695				4,092	151,436	1,052,166
BOVINE SUBSTATION	5788	66kV	150,723	89,530	1,860,271	2,100,524				150,723	89,530	1,860,271
ARTESIA SUBSTATION	5789	33kV & Below	347	63,719	565,605	629,671				347	63,719	565,605
SEABRIGHT SUBSTATION	5790	66kV	3,677	101,496	2,226,046	2,331,219				3,677	101,496	2,226,046
GREENING SUBSTATION	5791	66kV	23,724	350,027	4,243,802	4,617,553				23,724	350,027	4,243,802
WESTEX SUBSTATION	5792	66kV	3,119	7,090	119,423	129,632				3,119	7,090	119,423
ATRICH SUBSTATION	5794	66kV	2,404	-	-	2,404				2,404	-	-
CERTIFIED SUBSTATION	5795	66kV	-	12,973	161,311	174,284				-	12,973	161,311
STADIUM SUBSTATION	5796	66kV	-	10,722	2,524,001	2,534,723				-	10,722	2,524,001
CHERRY SUBSTATION	5797	66kV	458,083	664,568	4,142,114	5,264,765				458,083	664,568	4,142,114
MOVIE SUBSTATION	5798	66kV	1,888,138	1,017,613	3,312,143	6,217,893				1,888,138	1,017,613	3,312,143
PAPERMATE SUB	5799	66kV	-	18,899	466,646	485,545				-	18,899	466,646
SOUTHEAST DIVISION	5800	Div Offices & Misc	-	-	69,256	69,256				-	-	69,256
VERA SUBSTATION	5801	66kV	50,896	171,932	5,117,619	5,340,447				50,896	171,932	5,117,619
MODENA SUBSTATION	5802	66kV	31,252	399,522	5,537,868	5,968,641				31,252	399,522	5,537,868
SMITH TOOL SUBSTATION	5803	66kV	5,082	-	-	5,082				5,082	-	-
ATWOOD SUBSTATION	5804	66kV	9,422	159,897	3,242,730	3,412,049				9,422	159,897	3,242,730
BAYSIDE SUBSTATION	5805	66kV	44,428	61,099	4,687,134	4,792,660				44,428	61,099	4,687,134
APOLLO SUBSTATION	5806	66kV	597	12,899	1,135,259	1,148,755				597	12,899	1,135,259
BOLSA SUBSTATION	5807	66kV	34,046	59,782	2,971,011	3,064,839				34,046	59,782	2,971,011
BRYAN SUBSTATION	5808	66kV	14,865	122,091	7,785,533	7,922,488				14,865	122,091	7,785,533
SLATER SUBSTATION	5809	66kV	75,818	327,423	4,645,109	5,048,351				75,818	327,423	4,645,109
BRISTOL SUBSTATION	5810	33kV & Below	2,149	9,955	457,135	469,239				2,149	9,955	457,135
CHIUQUITA SUBSTATION	5811	66kV	648,506	572,594	7,619,610	8,840,710				648,506	572,594	7,619,610
MURPHY SUB	5812	66kV	61,155	49,734	1,168,440	1,279,330				61,155	49,734	1,168,440
CAROLINA SUBSTATION	5813	66kV	31,263	136,885	5,213,998	5,382,146				31,263	136,885	5,213,998
CARMENITA SUBSTATION	5814	66kV	6,616	521,588	6,567,515	7,095,719				6,616	521,588	6,567,515
PAPER SUBSTATION	5815	66kV	1,488	10,365	457,696	469,549				1,488	10,365	457,696
PARKWOOD SUBSTATION	5816	66kV	58,055	118,691	4,566,366	4,743,112				58,055	118,691	4,566,366
COSTA MESA SUBSTATION	5817	33kV & Below	4,078	165,476	1,405,698	1,575,252				4,078	165,476	1,405,698
CROWN SUBSTATION	5818	66kV	57,929	226,272	7,297,227	7,581,428				57,929	226,272	7,297,227
ELY SUBSTATION	5819	66kV	52,170	79,775	5,746,940	5,878,885				52,170	79,775	5,746,940
DOWNNEY SUB	5820	33kV & Below	8,033	39,696	2,482,492	2,530,221				8,033	39,696	2,482,492
FAIRVIEW SUBSTATION	5821	66kV	1,818	217,531	7,558,601	7,777,951				1,818	217,531	7,558,601
FULLERTON SUBSTATION	5822	66kV	20,432	32,013	3,884,776	3,937,221				20,432	32,013	3,884,776
GALLATIN SUB	5823	66kV	19,042	36,749	2,114,590	2,170,381				19,042	36,749	2,114,590
WEICO SUBSTATION	5824	66kV	-	-	75	75				-	-	75
HAMILTON SUBSTATION	5825	66kV	11,053	335,980	5,896,389	6,243,422				11,053	335,980	5,896,389
CAMDEN SUBSTATION	5826	66kV	183,449	203,210	2,881,562	3,268,221				183,449	203,210	2,881,562
WAVE SUBSTATION	5828	66kV	1,978	156,050	2,084,318	2,242,346				1,978	156,050	2,084,318
IRVINE SUBSTATION	5829	66kV	2,643	326,327	9,834,401	10,163,371				2,643	326,327	9,834,401
SOUTH PAC SUBSTATION	5830	66kV	-	21,986	135,771	157,757				-	21,986	135,771
LA HABRA SUBSTATION	5832	66kV	916	281,913	2,311,096	2,593,925				916	281,913	2,311,096
GILBERT SUBSTATION	5833	66kV	42,324	67,547	3,685,798	3,795,668				42,324	67,547	3,685,798
LA MIRADA SUBSTATION	5834	66kV	52,555	100,598	1,947,755	2,100,908				52,555	100,598	1,947,755
LA VETA SUBSTATION	5835	66kV	77,254	78,221	5,348,471	5,503,946				77,254	78,221	5,348,471
MORRO SUBSTATION	5836	66kV	20,036	183,841	5,517,102	5,720,979				20,036	183,841	5,517,102
CYPRESS SUBSTATION	5837	66kV	25,204	344,347	8,220,440	8,589,992				25,204	344,347	8,220,440
NARROWS SUB	5838	66kV	30,474	193,422	5,900,453	6,124,349				30,474	193,422	5,900,453
SUNNYHILLS SUBSTATION	5840	66kV	-	6,260	327,964	334,224				-	6,260	327,964
LEANDRO SUBSTATION	5841	66kV	-	466,741	-	466,741				-	466,741	-
OCEANVIEW SUBSTATION	5842	66kV	6,909	238,002	7,569,919	7,814,830				6,909	238,002	7,569,919
ORANGE SUBSTATION	5843	66kV	91,402	127,593	4,799,882	5,018,877				91,402	127,593	4,799,882
WILSHIRE SUB	5844	66kV	-	-	39,287	39,287				-	-	39,287
MOULTON SUBSTATION	5845	66kV	64,266	124,017	4,225,407	4,413,690				64,266	124,017	4,225,407

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
MERCURY SUB	5846	66kV	503	-	-	503				503	-	-
RIVERA SUB	5848	33kV & Below	3,356	60,075	737,840	801,271				3,356	60,075	737,840
SANTA ANA SUBSTATION	5849	33kV & Below	19,605	22,675	-	42,281				19,605	22,675	-
SANTA FE SPRINGS SUB	5850	66kV	26,233	115,060	5,822,646	5,963,939				26,233	115,060	5,822,646
GISLER SUBSTATION	5851	66kV	141,656	194,546	4,626,721	4,962,923				141,656	194,546	4,626,721
STEWART SUB	5852	66kV	83,295	67,562	3,134,218	3,285,075				83,295	67,562	3,134,218
TALBERT SUBSTATION	5853	66kV	23,620	163,569	3,094,749	3,281,938				23,620	163,569	3,094,749
BROOKHURST SUBSTATION	5854	66kV	118,649	165,358	3,620,330	3,904,337				118,649	165,358	3,620,330
WASHINGTON SUBSTATION	5856	66kV	86,492	69,605	1,843,252	1,999,349				86,492	69,605	1,843,252
SPONGE SUB	5857	66kV	-	10,308	53,525	63,833				-	10,308	53,525
CEDARWOOD SUBSTATION	5859	33kV & Below	3,886	33,322	1,136,744	1,173,952				3,886	33,322	1,136,744
ALTON SUBSTATION	5860	66kV	62,261	-	-	62,261				62,261	-	-
CHESTNUT SUBSTATION	5861	66kV	1,681	147,395	7,756,624	7,905,700				1,681	147,395	7,756,624
SULLIVAN SUBSTATION	5862	66kV	14,328	463,964	3,298,308	3,776,600				14,328	463,964	3,298,308
BARTOLO SUB	5863	33kV & Below	4,277	84,224	810,132	898,633				4,277	84,224	810,132
EDGEWATER SUBSTATION	5864	33kV & Below	3,840	46,385	1,031,225	1,081,449				3,840	46,385	1,031,225
ESTRELLA SUBSTATION	5865	66kV	130,440	291,457	6,835,400	7,257,298				130,440	291,457	6,835,400
MARION SUBSTATION	5866	66kV	95,573	58,146	3,801,099	3,954,818				95,573	58,146	3,801,099
ARCH BEACH SUBSTATION	5867	33kV & Below	7,596	30,895	270,222	308,713				7,596	30,895	270,222
SHAWNEE SUBSTATION	5869	66kV	94,825	67,191	1,822,956	1,984,972				94,825	67,191	1,822,956
LAMPSON SUBSTATION	5870	66kV	143,291	120,786	4,727,842	4,991,919				143,291	120,786	4,727,842
NORSEAL SUBSTATION	5871	66kV	-	25,437	595,497	620,934				-	25,437	595,497
LAFAYETTE SUBSTATION	5872	66kV	109,897	145,148	5,564,995	5,820,041				109,897	145,148	5,564,995
LA PALMA SUBSTATION	5873	66kV	8,903	33,018	1,723,211	1,765,133				8,903	33,018	1,723,211
MAC ARTHUR SUBSTATION	5874	66kV	100,888	183,675	6,352,074	6,636,636				100,888	183,675	6,352,074
EDINGER SUBSTATION	5875	33kV & Below	11,499	53,438	1,567,221	1,632,158				11,499	53,438	1,567,221
TUSTIN SUBSTATION	5878	66kV	-	84,595	-	84,595				-	84,595	-
CABRILLO SUBSTATION	5879	66kV	72,333	301,708	10,333,166	10,707,207				72,333	301,708	10,333,166
YORBA LINDA SUBSTATION	5880	66kV	109,294	134,227	5,991,223	6,234,744				109,294	134,227	5,991,223
BASTA SUBSTATION	5883	33kV & Below	6,540	28,027	1,404,847	1,439,414				6,540	28,027	1,404,847
BURRIS PIT	5884	66kV	-	17,726	589,360	607,086				-	17,726	589,360
POWERLINE SUB	5885	66kV	-	14,763	965,762	980,525				-	14,763	965,762
PIONEER SUB	5886	66kV	145,164	275,733	2,702,285	3,123,182				145,164	275,733	2,702,285
BORREGO SUBSTATION	5887	66kV	40,290	416,387	6,630,926	7,087,603				40,290	416,387	6,630,926
WESTGATE SUB	5888	33kV & Below	23,707	19,428	939,627	982,762				23,707	19,428	939,627
PLACENTIA SUBSTATION	5889	66kV	62,828	199,192	3,063,844	3,325,864				62,828	199,192	3,063,844
CANYON SUBSTATION	5890	66kV	11,185	189,676	3,799,490	4,000,350				11,185	189,676	3,799,490
FRIENDLY HILLS SUB	5891	33kV & Below	11,260	116,118	2,233,732	2,361,110				11,260	116,118	2,233,732
TELEGRAPH SUB	5892	66kV	5,865	133,957	9,584,175	9,723,997				5,865	133,957	9,584,175
PASSONS SUB	5893	66kV	98,244	93,913	2,465,419	2,657,577				98,244	93,913	2,465,419
AMMONIA SUBSTATION	5894	66kV	-	-	1,711	1,711				-	-	1,711
PAULARINO SUBSTATION	5895	33kV & Below	8,006	66,204	933,260	1,007,470				8,006	66,204	933,260
NIGUEL SUBSTATION	5896	66kV	46,880	167,393	8,556,749	8,771,023				46,880	167,393	8,556,749
SOCO SUBSTATION	5897	66kV	-	4,229	498,717	502,946				-	4,229	498,717
FLORADAY SUB	5898	33kV & Below	11,336	15,172	354,872	381,380				11,336	15,172	354,872
TRASK SUBSTATION	5899	66kV	16,481	76,749	5,526,002	5,619,232				16,481	76,749	5,526,002
HOPEFUL SUB	5901	66kV	6,999	28,568	637,845	673,412				6,999	28,568	637,845
LAS LOMAS SUB	5902	-	-	2,439,899	11,343,068	13,782,967				-	2,439,899	11,343,068
SKINWATER SUB	5903	-	-	347,632	1,040,880	1,388,512				-	347,632	1,040,880
CUSTOMER SERVICE DEPART.	6000	-	42,277,755	-	54,653	42,332,408				42,277,755	-	54,653
ORANGE COUNTY REGION	6002	-	-	3,931,315	-	3,931,315				-	3,931,315	-
INLAND REGION	6003	-	10,165,017	10,842,243	14,840	21,022,100				10,165,017	10,842,243	14,840
DESERT SPRINGS REGION	6004	-	735	-	-	735				-	-	-
NORTH COAST REGION	6005	-	404,961	6,132,353	-	6,537,314				404,961	6,132,353	-
RIALTO COMB FAC. BLDG B&C	6011	-	30,622	6,849,396	9,724	6,889,743				30,622	6,849,396	9,724
REGIONAL OFFICE-VENTURA	6015	-	-	104,380	-	104,380				-	104,380	-
MONTEBELLO DISTRICT OFFIC	6022	-	148,366	4,424,673	-	4,573,040				148,366	4,424,673	-
COVINA SERVICE CENTER	6026	-	965,942	10,850,838	22,924	11,839,704				965,942	10,850,838	22,924
MONROVIA SERVICE CENTER	6027	-	461,007	4,774,016	-	5,235,022				461,007	4,774,016	-
CENTRAL ORANGE COUNTY DIS	6029	-	651,362	12,553,113	18,845	13,223,321				651,362	12,553,113	18,845
FOOTHILL S/C	6030	-	1,834,454	8,181,766	1,217	10,017,437				1,834,454	8,181,766	1,217
REDLANDS S/C	6031	-	109,796	7,291,701	11,132	7,412,628				109,796	7,291,701	11,132
COMPTON S/C	6032	-	441,216	16,162,731	-	16,603,947				441,216	16,162,731	-
ORANGE COAST S/C	6033	-	475,569	4,236,885	-	4,712,454				475,569	4,236,885	-
ONTARIO S/C	6034	-	2,772,360	10,935,093	12,299	13,719,752				2,772,360	10,935,093	12,299
THOUSAND OAKS S/C	6035	-	1,380,827	9,248,491	-	10,629,318				1,380,827	9,248,491	-
ANTELOPE VALLEY S/C	6036	-	774,284	11,377,575	38,524	12,190,383				774,284	11,377,575	38,524
VENTURA S/C	6039	-	168,148	6,940,214	-	7,108,362				168,148	6,940,214	-
ARROWHEAD S/C	6040	-	103,596	4,972,148	5,071	5,080,815				103,596	4,972,148	5,071
STA. MONICA S/C	6042	-	378,218	6,849,570	-	7,227,788				378,218	6,849,570	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
SADDELEBACK S/C	6043		4,735,303	13,003,404	11,740	17,750,447				4,735,303	13,003,404	11,740
SOUTH BAY S/C	6044		621,365	5,894,417	-	6,515,782				621,365	5,894,417	-
LONG BEACH S/C	6046		476,580	4,623,398	-	5,099,978				476,580	4,623,398	-
WHITTIER S/C	6047		4,743,941	6,756,083	13,316	11,513,340				4,743,941	6,756,083	13,316
NO. ORANGE COUNTY S/C	6048		354,650	6,073,335	-	6,427,986				354,650	6,073,335	-
STA. BARBARA S/C	6049		-	9,286,354	-	9,286,354				-	9,286,354	-
BIG CREEK SERVICE CENTER	6050		792	3,498,365	10,040	3,509,197				792	3,498,365	10,040
SAN JOAQUIN S/C	6051		342,823	14,915,089	2,491	15,260,403				342,823	14,915,089	2,491
TEHACHAPI NO. REGION KERN	6052		193,754	12,843,493	-	13,037,247				193,754	12,843,493	-
KERNVILLE S/C SUB-OFFICE	6053		37,118	1,923,027	1,531	1,961,675				37,118	1,923,027	1,531
PORTERVILLE SC	6054		254,802	4,683,867	-	4,938,669				254,802	4,683,867	-
VALENCIA SERVICE CENTER	6059		284,608	4,310,679	10,040	4,605,327				284,608	4,310,679	10,040
CATALINA SERVICE CENTER	6061		69,829	313,746	-	383,576				69,829	313,746	-
Customer Service	6072	CSTMR SRVC FAC.	94,667	3,079,900	-	3,174,568				94,667	3,079,900	-
HIGH DESERT S/C	6073		785,178	12,086,121	-	12,871,298				785,178	12,086,121	-
MENIFEE S/C	6077		499,022	26,270,240	474,453	27,243,715				499,022	26,270,240	474,453
PALM SPRINGS S/C	6079		1,248,224	4,420,005	9,701	5,677,930				1,248,224	4,420,005	9,701
29 PALMS SERVICE CENTER	6084		120,542	3,005,088	-	3,125,630				120,542	3,005,088	-
BISHOP SERVICE CENTER	6085		10,155	3,965,386	1,050	3,976,591				10,155	3,965,386	1,050
RIDGECREST SERVICE CENTER	6086		40,729	2,733,754	1,362	2,775,844				40,729	2,733,754	1,362
BLYTHE SERVICE CENTER	6087		11,485	2,046,945	10,726	2,069,157				11,485	2,046,945	10,726
WILDOMAR SERVICE CENTER	6088		6,194,350	33,074,855	-	39,269,205				6,194,350	33,074,855	-
MOBILE TRANSFORMER -MON'	6090		-	-	54,470	54,470				-	-	54,470
FRAZIER PARK FACILITY	6108		6,195	488,423	-	494,618				6,195	488,423	-
MAMMOTH LAKES SERVICE CTI	6112		80,672	2,851,293	-	2,931,964				80,672	2,851,293	-
29 PALMS LOCAL OFFICE	6113		2,188	161,359	-	163,547				2,188	161,359	-
SANTA ANA CMB FAC-EDBU OF	6114		-	3,502,904	-	3,502,904				-	3,502,904	-
CHINO YARD TRAINING FAC	6115		-	884,626	-	884,626				-	884,626	-
RCRO-EMPIRE LAKES(LEASED)	6213		-	6,562,202	-	6,562,202				-	6,562,202	-
INYO COUNTY	7014		-	-	12,826	12,826				-	-	12,826
RIVERSIDE COUNTY	7033		-	-	106,752	106,752				-	-	106,752
SAN BERNARDINO COUNTY	7036		-	-	6,838,951	6,838,951				-	-	6,838,951
TULARE COUNTY	7054		368	-	65,969	66,337				368	-	65,969
RIVERTEX SUBSTATION	8007		-	-	16,324	16,324				-	-	16,324
MIRAGE(CEP) SUB	8012	220kV	-	25,464	-	25,464				-	25,464	-
SAVAGE(CEP) SUB	8020	115kV	-	6,417	-	6,417				-	6,417	-
YUCCA(CEP) SUB	8022	66kV	-	-	15,178	15,178				-	-	15,178
ALESSANDRO(CEP) SUB	8024	-	-	15,447	318,603	334,050				-	15,447	318,603
HI DESERT(CEP) SUB	8029	66kV	-	-	7,515	7,515				-	-	7,515
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	-	16,357	16,357				-	-	16,357
SEARLES(CEP) SUB	8033	115kV	-	6,202	795,204	801,406				-	6,202	795,204
SANTA ROSA(CEP) SUB	8036	115kV	-	-	782,187	782,187				-	-	782,187
NELSON(CEP) SUB	8038	115kV	-	-	19,129	19,129				-	-	19,129
SN ONOFRE SWTHRK-100%SC	8055	115kV	-	125,164	3,879	129,043				-	125,164	3,879
CHEVMAIN	8063	-	-	82,754	-	82,754				-	82,754	-
CARODEAN	8072	115kV	88,409	-	-	88,409				88,409	-	-
IVYGLEN SUB	8073	115kV	-	-	32,861	32,861				-	-	32,861
SN BRDNO SWTCHRC	8076	115kV	-	-	109,097	109,097				-	-	109,097
NUSED RAILROAD CNYN(NEW)	8077	33kV & Below	-	-	7,662	7,662				-	-	7,662
SUN CITY(NEW)	8078	-	-	-	282,406	282,406				-	-	282,406
AQUEDUCT SUB	8079	115kV	4,973	-	-	4,973				4,973	-	-
HESPERIA SUB	8087	115kV	-	-	10,187	10,187				-	-	10,187
MAYBERRY SUB	8089	-	-	-	298,792	298,792				-	-	298,792
MARSCHINO SUB	8096	115kV	-	-	6,720	6,720				-	-	6,720
EISENHOWER SUB	8098	115kV	-	-	287,632	287,632				-	-	287,632
AMARGO SUB	8102	33kV & Below	735	1,621	692,314	694,670				735	1,621	692,314
AMBOY SUB	8103	33kV & Below	-	-	33,699	33,699				-	-	33,699
FARRELL SUB	8104	115kV	55,706	63,285	416,988	535,979				55,706	63,285	416,988
APPLE VALLEY SUB	8105	115kV	5,648	29,057	2,871	37,575				5,648	29,057	2,871
ARABY SUB	8106	33kV & Below	-	6,350	109,843	116,193				-	6,350	109,843
BARSTOW SUB	8110	33kV & Below	1,279	17,839	2,701,516	2,720,635				1,279	17,839	2,701,516
BLYTHE SUB	8113	33kV & Below	4,124	144,998	5,664,421	5,813,544				4,124	144,998	5,664,421
BRYMAN SUB	8117	33kV & Below	237	-	96,463	96,701				237	-	96,463
CABAZON SUB	8118	33kV & Below	46,675	75,122	1,616,773	1,738,570				46,675	75,122	1,616,773
CADY SUB	8119	33kV & Below	203	1,125	190,349	191,677				203	1,125	190,349
MILITARY SUB	8120	33kV & Below	-	8,387	658,952	667,339				-	8,387	658,952
CANTIL SUB	8121	33kV & Below	98	-	125,446	125,543				98	-	125,446
LITTLE LAKE SUB	8122	33kV & Below	-	2,075	-	2,075				-	2,075	-
CATHEDRAL CITY SUB	8123	33kV & Below	661	27,262	2,642,526	2,670,449				661	27,262	2,642,526
PALM SPRINGS SUB	8124	33kV & Below	3,159	82,443	810,098	895,700				3,159	82,443	810,098

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
CHASE 2 SUB	8126	33kV & Below	191,176	-	6,479	197,655				191,176	-	6,479
CONVERSE FLATS SUB	8130	33kV & Below	-	382	128,182	128,564				-	382	128,182
CAL CITY SUB	8132	33kV & Below	29,661	91,500	3,704,151	3,825,313				29,661	91,500	3,704,151
DAGGETT SUB	8133	33kV & Below	259	-	99,447	99,706				259	-	99,447
DESERT OUTPOST SUB	8136	33kV & Below	10,454	28,924	504,580	543,958				10,454	28,924	504,580
DOWNS SUB	8137	33kV & Below	513,494	241,305	5,822,853	6,577,652				513,494	241,305	5,822,853
DUNES SUB	8139	33kV & Below	-	9,651	422,362	432,013				-	9,651	422,362
EAST BARSTOW SUB	8140	33kV & Below	1,368	7,639	155,316	164,323				1,368	7,639	155,316
VENT SUB	8141	33kV & Below	-	-	8,593	8,593				-	-	8,593
EDGEMONT SUB	8143	33kV & Below	1,173	4,064	43,950	49,186				1,173	4,064	43,950
FOREST HOME SUB	8148	33kV & Below	-	9,832	510,522	520,354				-	9,832	510,522
GEORGE AIR FORCE BASE SUB	8149	33kV & Below	13,868	241	195,975	210,083				13,868	241	195,975
GLEN AVON SUB	8151	66kV	94,930	411,939	2,881,437	3,388,306				94,930	411,939	2,881,437
GLEN IVY SUB	8152	33kV & Below	2,658	243	71,314	74,215				2,658	243	71,314
GOLDSTONE SUB	8154	33kV & Below	-	-	46,758	46,758				-	-	46,758
NUGGET SUB	8156	33kV & Below	12,402	93,477	2,192,521	2,298,400				12,402	93,477	2,192,521
EL SOBRANTE SUB	8159	33kV & Below	13,384	25,096	1,498,251	1,536,730				13,384	25,096	1,498,251
HARPER LAKE SUB	8160	33kV & Below	73	-	87,437	87,510				73	-	87,437
HARVARD SUB	8161	33kV & Below	854	-	88,462	89,316				854	-	88,462
DEFRAIN SUB	8162	33kV & Below	9,916	19,748	319,481	349,145				9,916	19,748	319,481
HELENDAL SUB	8163	33kV & Below	277	10,193	1,741,033	1,751,503				277	10,193	1,741,033
HEMET SUB	8164	33kV & Below	2,925	37,972	1,827,724	1,868,622				2,925	37,972	1,827,724
HINKLEY SUB	8167	33kV & Below	286	2,668	235,191	238,145				286	2,668	235,191
IDYLLWILD SUB	8168	33kV & Below	834	42,486	915,987	959,306				834	42,486	915,987
INYO KERN TOWN SUB	8170	33kV & Below	674	-	109,423	110,097				674	-	109,423
COFFEE SUB	8171	33kV & Below	27,719	311,747	6,885,807	7,225,273				27,719	311,747	6,885,807
JOSHUA TREE SUB	8172	33kV & Below	320	49,103	205,143	254,566				320	49,103	205,143
KEMPSTER SUB	8176	33kV & Below	5,029	1,940	407,228	414,198				5,029	1,940	407,228
LAKEVIEW SUB	8179		491,100	-	-	491,100				491,100	-	-
MINNEOLA SUB	8190	33kV & Below	198	28,036	523,276	551,510				198	28,036	523,276
MORENO SUB	8193	33kV & Below	4,352	56,729	1,319,122	1,380,203				4,352	56,729	1,319,122
MURRIETA 2 SUB	8195	33kV & Below	550	5,255	1,034,938	1,040,742				550	5,255	1,034,938
MURRIETA SUB	8196	33kV & Below	-	-	2,411,588	2,411,588				-	-	2,411,588
SOUTHCAP SUB.	8197	115kV	-	60,360	11,536	71,896				-	60,360	11,536
MUSCOY SUB	8198	33kV & Below	13	10,511	189,490	200,014				13	10,511	189,490
SOUTHDOWN SUBSTATION	8199	115kV	-	34,000	563,604	597,604				-	34,000	563,604
BELDING SUB	8204	33kV & Below	-	171	360,772	360,943				-	171	360,772
NORTH INTAKE SUB	8205	33kV & Below	-	5,082	378,182	383,265				-	5,082	378,182
NORTH MUROC SUB	8206	33kV & Below	130	-	120,233	120,364				130	-	120,233
HOLIDAY SUB	8207	33kV & Below	1,031	88,468	2,148,264	2,237,763				1,031	88,468	2,148,264
NUEVO SUB	8209	33kV & Below	879	8,846	355,959	365,684				879	8,846	355,959
OLIVE LAKE SUB	8210	33kV & Below	492	19,649	575,426	595,567				492	19,649	575,426
ORDWAY SUB	8211	33kV & Below	626	278	335,831	336,735				626	278	335,831
ORO GRANDE SUB	8212	33kV & Below	-	5,148	353,019	358,168				-	5,148	353,019
PALM CANYON SUB	8214	33kV & Below	47,783	681,418	2,901,155	3,630,356				47,783	681,418	2,901,155
PALM VILLAGE SUB	8215	33kV & Below	792	161,620	3,879,417	4,041,830				792	161,620	3,879,417
PEERLESS SUB	8216	33kV & Below	-	-	97,300	97,300				-	-	97,300
GAVILAN SUB	8219	33kV & Below	19,370	76,655	1,413,814	1,509,839				19,370	76,655	1,413,814
LUCERNE SUB	8220	33kV & Below	5,113	18,376	2,836,006	2,859,495				5,113	18,376	2,836,006
RAILROAD CANYON (OLD) SUB	8221	33kV & Below	542	-	-	542				542	-	-
RANCHO SUB	8222	33kV & Below	18,851	171,144	2,478,981	2,668,976				18,851	171,144	2,478,981
RIALTO SUB	8225	33kV & Below	1,322	9,130	275,605	286,056				1,322	9,130	275,605
RIDGECREST SUB	8226	33kV & Below	1,642	14,557	361,902	378,101				1,642	14,557	361,902
RIPLEY SUB	8227	33kV & Below	14,356	16,381	544,297	575,034				14,356	16,381	544,297
CANYON LAKE SUBSTATION	8228	33kV & Below	-	35,511	1,591,371	1,626,882				-	35,511	1,591,371
RUBIDOUX SUB	8231	33kV & Below	7,370	4,831	510,902	523,103				7,370	4,831	510,902
SAN JACINTO SUB	8234	33kV & Below	1,501	19,595	372,274	393,370				1,501	19,595	372,274
SECOND AVENUE SUB	8235	33kV & Below	1,404	11,389	285,038	297,831				1,404	11,389	285,038
SILVER SPUR SUB	8238	33kV & Below	6,198	48,973	1,980,372	2,035,543				6,198	48,973	1,980,372
SIXTEENTH STREET SUB	8239	33kV & Below	7,367	29,035	1,621,981	1,658,383				7,367	29,035	1,621,981
SUN CITY SUB	8243	33kV & Below	-	672	8	680				-	672	8
SUNNY DUNES SUB	8244	33kV & Below	22,642	7,065	968,473	998,180				22,642	7,065	968,473
TEMESCAL SUB	8250	33kV & Below	38,511	2,562	64,718	105,792				38,511	2,562	64,718
THUNDERBIRD SUB	8251	33kV & Below	2,201	24,757	553,033	579,992				2,201	24,757	553,033
TRONA SUB	8252	33kV & Below	-	981	104,023	105,005				-	981	104,023
TWENTYNINE PALMS SUB	8255	33kV & Below	729	58,833	2,103,684	2,163,247				729	58,833	2,103,684
VERDANT SUB	8259	33kV & Below	1,067	5,748	196,423	203,238				1,067	5,748	196,423
VICTORVILLE SUB	8260	33kV & Below	4,212	659,491	4,634,179	5,297,882				4,212	659,491	4,634,179
WEST BARSTOW SUB	8262	33kV & Below	-	119,812	203,392	-				-	119,812	203,392
PEREZ SUB	8263	33kV & Below	1,362	11,705	155,117	168,184				1,362	11,705	155,117

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
WEST RIVERSIDE SUB	8265	33kV & Below	471	123,404	1,527,914	1,651,788				471	123,404	1,527,914
WHITEWATER SUB	8266	33kV & Below	368	-	258,165	258,533				368	-	258,165
WILDE SUB	8267	33kV & Below	565	-	217,013	217,577				565	-	217,013
YERMO SUB	8268	33kV & Below	1,072	87	154,680	155,839				1,072	87	154,680
CLEARGEN SUB	8269	66kV	-	-	20,649	20,649				-	-	20,649
TENAJA SUBSTATION	8270	115kV/12kV	-	2,018,400	8,513,030	10,531,430				-	2,018,400	8,513,030
IRON MOUNTAIN SUB	8273	33kV & Below	-	4,852	93,022	97,874				-	4,852	93,022
JEFFERSON SUB	8275	66kV	62,251	180,900	10,937,412	11,180,564				62,251	180,900	10,937,412
CORONA SUB	8279	66kV	10,199	730,469	19,562,617	20,303,285				10,199	730,469	19,562,617
GALE SUB	8283	33kV & Below	1,975	104,038	744,192	850,205				1,975	104,038	744,192
GOLD HILL SUB	8294	33kV & Below	-	19,777	764,629	784,406				-	19,777	764,629
NELSON SUB	8296	115kV	632	-	-	632				632	-	-
FORGE SUB	8297	115kV	2,301	78,246	541,248	621,794				2,301	78,246	541,248
METALCAN SUB	8299	66kV	18,384	-	124,386	142,770				18,384	-	124,386
BUCKWIND	8301	-	-	-	12,590	12,590				-	-	12,590
CAPWIND	8302	115kV	-	-	3,088	3,088				-	-	3,088
VENWIND	8306	115kV	-	-	114,210	114,210				-	-	114,210
ALTWIND	8308	115kV	-	-	8,980	8,980				-	-	8,980
NEWCOMB	8342	115kV	-	-	2,340	2,340				-	-	2,340
ELSNORE	8343	115kV	-	-	165,756	165,756				-	-	165,756
SOUTH BASE SUB	8344	115kV	-	-	8,853	8,853				-	-	8,853
INDIAN WELLS SUB	8345	115kV	-	-	346,401	346,401				-	-	346,401
PECHANGA SUB	8347	115kV	-	-	20,876	20,876				-	-	20,876
MORAGA	8348	115kV	2,414	-	38,672	41,086				2,414	-	38,672
TAYSHELL SUB	8502	66kV	-	2,409	66,022	68,431				-	2,409	66,022
GETTY SUB	8503	66kV	-	50,768	146,231	197,000				-	50,768	146,231
FRAZIER PARK SUB	8505	66kV	9,273	104,944	494,641	608,858				9,273	104,944	494,641
RINGMILL SUB	8507	66kV	7,867	7,028	379,386	394,280				7,867	7,028	379,386
PHARMACY SUBSTATION	8509	66kV	-	2,685	1,294,904	1,297,590				-	2,685	1,294,904
HAAGEN DAZS SUBSTATION	8510	66kV	-	5,309	341,042	346,351				-	5,309	341,042
SERRFGEN SUBSTATION	8550	66kV	-	2,991	1,281,906	1,284,896				-	2,991	1,281,906
ICEGEN SUBSTATION	8553	66kV	-	7,505	72,782	80,286				-	7,505	72,782
THREE M SUB	8555	66kV	2,628	1,972	385,141	389,740				2,628	1,972	385,141
NORTHROP SUB	8556	66kV	8,184	18,408	1,678,216	1,704,808				8,184	18,408	1,678,216
CARBONIC SUBSTATION	8557	66kV	5,965	19,740	305,634	331,339				5,965	19,740	305,634
PLASTER SUBSTATION	8558	66kV	-	22,382	368,970	391,352				-	22,382	368,970
VAPOR SUBSTATION	8559	66kV	-	-	128,112	128,112				-	-	128,112
CANINE PT	8560	-	-	6,221	-	6,221				-	6,221	-
RECOVERY SUBSTATION	8801	66kV	-	13,247	428,756	442,003				-	13,247	428,756
BREA SUBSTATION	8802	66kV	308,988	456,913	7,697,886	8,463,787				308,988	456,913	7,697,886
LIMESTONE	8804	66kV	60,389	219,230	7,457,366	7,736,985				60,389	219,230	7,457,366
CHIP SUB	8805	66kV	-	15,163	309,807	324,971				-	15,163	309,807
NORWELD SUBSTATION	8807	66kV	-	17,703	126,572	144,275				-	17,703	126,572
TEAM SUBSTATION	8808	66kV	-	32,071	3,293,754	3,325,825				-	32,071	3,293,754
ONEIL SUBSTATION	8810	66kV	12,956	782,017	7,982,826	8,777,798				12,956	782,017	7,982,826
COYGEN SUBSTATION	8811	66kV	-	21,202	493,799	515,001				-	21,202	493,799
ORCOGEN SUBSTATION	8812	66kV	192	10,152	122,582	132,925				192	10,152	122,582
SHELL WESTERN(BREA) SUB	8813	66kV	-	6,771	242,458	249,229				-	6,771	242,458
JOHN AIR SUBSTATION	8814	66kV	6,050	7,563	610,579	624,192				6,050	7,563	610,579
UNIVERSITY SUBSTATION	8817	66kV	10,271	2,312	579,856	592,438				10,271	2,312	579,856
COMPRESS SUB	8818	66kV	-	12,212	639,614	651,825				-	12,212	639,614
WESBASIN SUB	8820	66kV	-	6,863	472,349	479,212				-	6,863	472,349
REYNOLDS ALUM SUB	8822	66kV	9,319	1,193	538,929	549,441				9,319	1,193	538,929
TITAN SUBSTATION	8824	66kV	-	3,354	676,341	679,695				-	3,354	676,341
FINANCE SUB-METRO RGN	8825	66kV	14,155	-	293,909	308,064				14,155	-	293,909
DUCTILE SUBSTATION	8827	66kV	-	20,622	619,944	640,567				-	20,622	619,944
ORCOSAN SUB	8829	66kV	-	46,715	907,935	954,650				-	46,715	907,935
PROPERTY SVCS-GO1	9033	Div Offices & Misc	-	8,380	-	8,380				-	8,380	-
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	27,426	27,426				-	-	27,426
INFO TECH-GO2	9077	Div Offices & Misc	-	6,299	-	6,299				-	6,299	-
IRVINE OPER CENTER	9078	-	-	12,606	-	12,606				-	12,606	-
IRWINDALE CORP WH	9111	-	-	107,015	-	107,015				-	107,015	-
VENTURA CORP WH	9135	-	-	6,953	-	6,953				-	6,953	-
IRWINDALE BUSINESS CENTER	9188	-	-	8,867	-	8,867				-	8,867	-
PROP SVCS-SIERRA REGION	9231	Div Offices & Misc	-	9,257	85,363	94,620				-	9,257	85,363
RP&AS-NRTHSHRE REC AREA	9235	-	-	183,899	-	183,899				-	183,899	-
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/ADMI	9430	Div Offices & Misc	-	3,417	-	3,417				-	3,417	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2012 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
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	3,179	-	3,179				-	3,179	-
BLACK JACK COMM SITE	9522		-	-	3,047	3,047				-	-	3,047
BLUE MTN COMM SITE	9557		-	-	12,709	12,709				-	-	12,709
BIG CRK NO.1 GARAGE	9621		-	202,564	-	202,564				-	202,564	-
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)	-	(0.06)				-	(0.06)	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	4,313	-	-	4,313				4,313	-	-
Total Distribution Substations			\$ 105,974,872	\$ 436,830,749	\$ 1,761,037,883	\$ 2,303,843,504	\$ 78,349	\$ 718,565	\$ 6,051,836	\$ 105,896,523	\$ 436,112,185	\$ 1,754,986,047

ISO/Non-ISO/Mix Summary	Non-ISO Total	105,491,597	432,746,203	1,725,001,066	2,263,238,865					105,491,597	432,746,203	1,725,001,066
	Mix Total	483,275	4,084,547	36,036,817	40,604,639	78,349	718,565	6,051,836	404,926	3,365,982	29,984,981	

ta 12-2012.xlsx Year End Balance Tab E1213 - G1213

Check	105,974,872	436,830,749	1,761,037,883	-
-------	-------------	-------------	---------------	---

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

Attachment 4
WP-Schedule 7
Plant Study
Page 41 of 59

OPERATING VOLTAGE /		ACCOUNT NO.									2012	
Location	Line Name	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		14,199,125			136,841	41,651,859	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		-	96,382	-	34,918,660	-	19,830,552	-	-	805,712	55,651,305	626
<u>500 kV TRANSMISSION LINES</u>												
4026	MIDWAY-VINCENT LINES 1&2	2,910,822		27,105	19,299,405	85,359	22,941,425			795,535	46,059,651	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			13,561,291	2,050,347	10,632,414			117,747	27,692,173	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	9,600,704	702,558	98	26,351,975	118,240	18,451,745			632,859	55,858,180	97
4140	MOHAVE-LUGO 500 KV LN	278,112			12,199,612	1,405,822	9,646,326			329,333	23,859,205	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	VINCENT-WHIRLWIND & WHIRLWIND-M	5,826,541			7,540,671		4,596,684			187,772	18,151,668	53
4158	LUCERNE-LUGO/MIRA LOMA LN	498,252									498,252	-
4185	DEVERS-PALO VERDE	12,533,939			28,773,133		21,381,649		1,151,660	453,081	64,293,463	126
4186	DEVERS-PALO VERDE	1,193,710			17,297,411		24,561,571			147,245	43,199,936	112
4187	DEVERS-VALLEY LNS 1,2	10,444,073	32,102		21,195,906		11,949,087			4,790,336	48,411,504	42
4188	SERRANO-VALLEY LN	2,855,826	229,619		22,909,118	515,653	14,833,343			2,448,260	43,791,820	41
4191	VALLEY-INLAND 500KV TL				3,058	12,338	4,980				20,377	1
4710	ANTELOPE-WHIRLWIND 500KV LN				41,258,449		24,462,030			3,792,243	69,512,722	14
4711	WHIRLWIND-WINDHUB 500KV				36,462,370	123,730	20,514,888			6,930,122	64,031,111	16
4712	ANTELOPE - VINCENT #2 500KV	8,656,649			88,439,515		8,512,074			0	105,608,238	17
5069	MIRA LOMA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study		123,410					123,410	
5070	VALLEY-500 KV	Refer Substation Study	Refer Substation Study	Refer Substation Study		5,823	2,859				8,682	
5080	SERRANO SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study						2,236,590	2,236,590	
5090	EL DORADO SUB(NEVADA)	Refer Substation Study	Refer Substation Study	Refer Substation Study						94,492	94,492	
8958	SYLMAR-PAC INTERTIE	Refer Substation Study	Refer Substation Study	Refer Substation Study	2,505,376		359,913				2,865,290	
TOTAL 500kV T/L'S		60,569,153	964,279	43,836	371,289,243	4,440,721	214,008,176	-	1,151,660	23,450,609	675,917,678	1,317

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

Attachment 4
WP-Schedule 7
Plant Study
Page 42 of 59

OPERATING VOLTAGE /		A C C O U N T N O.									2012		
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES	
<u>220 kV TRANSMISSION LINES</u>													
		4045	179,131	20,864	701,607		453,192			38,006	1,392,800	13	
		4046	186,657		214,409		62,108				463,174	2	
		4051			316,356		204,878			145,317	666,551	7	
		4059	13,002		333,663		202,343			20,953	569,961	3	
		4070	61,040		344,764		232,146			11,892	649,842	4	
		4101	1,458,517	327,039	98,475	22,351,417	1,382,054	30,443,253		1,167,289	57,228,044	354	
		4102	1,466,128			3,815,563	500,489	1,849,364			7,631,544	8	
	OH	4104	1,330,951	36,032		7,939,861	346,269	3,284,192			303,262	144	
	UG	4104	385	10					1,480	260,160	88	0	
		4107	2,639,357	326,478		8,888,469		6,813,718			836,446	271	
		4108	8,067,991	3,035,777		14,115,074	1,552,141	14,150,785			454,131	169	
		4109									-	0	
		4111	1,944			133,734		155,710			29,429	6	
		4113	793,531			1,841,246	206,178	2,150,449			631,018	128	
		4114	3,210,560	539,038	661,182	13,532,584	147,920	9,682,086			304,171	130	
		4115	1,607,024	531,635	2,149	3,599,135	394,606	2,096,243			27,417	27	
	OH	4116	3,557,091	167,329	2,043	3,216,620	10,115,073	6,714,779			13,417	90	
	UG	4116	37,461	1,762	22				180,589	456,828	141	1	
		4117	1,005,476	7,084	12,857	19,570,727	3,761,418	10,781,674			151,162	305	
	*	4118	5,500,940	205,551	2,204	17,293,258	505,860	13,983,553			182,686	156	
		4119	2,099,654	84,569	1,357	8,606,663	85,176	15,125,679			4,822,078	138	
		4120	4,270,244	320,328	3,380	6,204,557	884,998	6,395,494	256		33,420	125	
		4121	281,784			2,001,171	186,227	2,052,409			143,697	135	
		4125	11,414,612	1,769,771	1,918	31,301,975	492,123	13,806,094			1,781,163	415	
		4127	19,842			647,655		549,803			5,205	85	
	*	4135	1,783,775	(56)		8,300,704	1,019,974	6,082,135			97,499	206	
		4144	9,994			473,674		429,215			1,023	31	
	Designed at 500kV	4147	3,858,246		1,880	2,767,070		1,983,887			145,187	27	
		4153	309,032			60,375	810,006	308,138			23,687	13	
		4156	12,019,808			2,262,700	6,476,819	2,971,326			38,262	29	
		4157	105,605	18,610		1,994,781		3,584,786			537,026	21	
		4166	(63,110)			164,051		136,431				9	
		4168	4,331			262,365		526,631			37,890	7	
		4169	5,649,704		2,701	8,667,671	398,446	6,065,938			106,152	298	
		4189	78,248			1,521,458		1,397,144				6	
		4193				4,152,836	64,888	2,461,080				5	
		4756	1,079,577			6,958,865	568,180	4,604,528			119,281	120	
	ANTELOPE-WINDHUB	4708	17,581,405			13,746,933	30,818,084	19,251,107				26	
	WINDHUB-HIGHWIND 230KV LN	4709			9,640,082	35,562,135		6,994,402			135,005	10	
		4644	3,934,890			85,916,540	7,668,801	39,517,961			2,773,668	26	
	GOULD SUB	5015	Refer Substation Study	Refer Substation Study	Refer Substation Study						4,090	N/A	
	SANTA CLARA SUB	5053	Refer Substation Study	Refer Substation Study	Refer Substation Study						13,555	N/A	
	VIEJO SUBSTATION	5083	Refer Substation Study	Refer Substation Study	Refer Substation Study				10		10	N/A	
TOTAL 230kV T/L'S			95,554,824	7,391,821	10,430,250	339,782,665	68,385,732	237,504,658	182,335	716,988	15,134,715	775,083,989	3,550

* Cost allocated between operating voltages by pole miles.

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

Attachment 4
WP-Schedule 7
Plant Study
Page 43 of 59

OPERATING VOLTAGE /		A C C O U N T N O.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
<u>161 kV TRANSMISSION LINES</u>												
4759		33,310				2,000,560	331,263			4,845	2,369,978	53
TOTAL 161kV T/L'S		33,310	-	-	-	2,000,560	331,263	-	-	4,845	2,369,978	53
<u>115 kV TRANSMISSION LINES</u>												
4105 OH											-	
4106 *OH		207,599			359	1,907,834	1,712,919				3,828,710	22
4135 *Designed at 220kV		428,114	(14)		1,992,205	244,798	1,459,739			23,400	4,148,243	49
4731						203,601	40,739				244,340	6
4732						531,344	87,312				618,656	15
4735 *		47			4,008	52,451	18,395			4,737	79,638	4
4750 OH*		14,038,097	146,294	169,578	4,294,586	99,495,746	69,792,420			1,807,407	189,744,128	1,638
4750 UG*		119,010	1,240	1,438				3,199,549	12,117,477	15,323	15,454,037	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	117,778	580,045			21,669	1,212,483	101
TOTAL 115kV T/L'S		14,959,341	147,521	171,016	6,717,259	102,596,756	73,786,536	3,199,549	12,117,477	1,873,912	215,569,368	1,885
<u>66 / 55 / 33 kV TRANSMISSION LINES</u>												
4105 OH		29,864,143	1,116,731	1,077,214	17,871,495	408,299,255	153,033,524			1,536,051	612,798,413	4,655
4105 UG		2,089,574	78,137	75,372				39,244,119	178,786,300	107,476	220,380,979	326
4105 UG 33kV		12,173	455	439				228,615	1,041,512	626	1,283,820	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*		300,576			519	2,762,294	2,480,083				5,543,471	31
4106 UG*		54,947						1,292,809	3,036,716		4,384,472	6
4118 *		138,465	5,174	55	435,292	12,733	351,983			4,598	948,300	4
4124		485			48,890	312,251	202,022	1,343	68,591		633,581	-
4128 Lytle Creek 12kV Line						1,240	1,277				2,517	-
4129		34,937			345,087	1,090,307	744,432				2,214,763	89
4132		3,146			60,500		37,257			40,795	141,699	4
4133		50,020			7,516	3,281,756	258,532			11,455	3,609,277	38
4139		517				148,051	102,579				251,147	2
4142		25,409				2,460,454	85,830				2,571,693	32
4149		232				60,363	26,752			1,093	88,440	4
4705 OH		242,710	3,289			3,105,274	1,329,197			35,775	4,716,243	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			9,065	152,399	9
4750 OH*Designed at 115kV		169,174	1,763	2,044	51,754	1,199,029	841,072			21,781	2,286,617	20
TOTAL 66 / 55 / 33kV T/L'S		32,997,688	1,205,556	1,155,124	18,828,721	423,196,077	159,828,707	40,766,885	182,933,120	1,768,790	862,680,669	
TOTAL ALL T/L'S		204,114,316	9,805,559	11,800,226	771,536,548	600,619,846	705,289,893	44,148,769	196,919,245	43,038,583	2,587,272,987	
* Cost allocated between operating voltages by pole miles.												
EOY 2011		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	
		34,817,466	1,381,675	9,466,063	178,218,268	62,150,084	91,783,494	(323,876)	16,082,667	(70,816,515)	322,759,326	

**TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012**

OPERATING VOLTAGE /		A C C O U N T N O.									CIRCUIT	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	MILES
4XXX locns excluded from Study												
4300	MET T/S REGION		131,348	14,696		1,659,834	97,455	103,541	451,422		2,458,295	
4207	E.MAGUNDEN-ANTELOPE 220KV		25,798								25,798	
4400	COASTAL T/S REGION	3,127		12,363		673,328	96,096	1,437,204	2,604,512		4,826,631	
4500	EASTERN T/S REGION		78,929	21,657		117,803	18,492				236,881	
4600	Northern T/S Region		106,618	21,515		194,294					322,427	
4700	Eastern T/S Region	33,305	10,543	1,233							45,081	
4820	ELLIS-HNGTN BCH#1-4 220KV					23					23	
4800	VAR. TRANS. LINES-S/E DIV	2,931	32,032	3,630		399,724	193,551	2,347,509	8,191,145		11,170,521	
4900	NORTHEASTERN T/S DIV.					215	26,540				26,754	
		39,363	385,268	75,093	-	3,045,222	432,134	3,888,254	11,247,079	-	19,112,411	

Non 4xxx locns excluded from Study*

1250	MOUNTAINVIEW POWER-COMMON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1320	MOHAVE GENERATING STATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1330	FOUR CORNERS(NEW MEX)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1451	EDISON ITAC	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1808	SAN ONOFRE-COMMON 1,2,3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1809	SAN ONOFRE-COMMON 2,3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1810	SAN ONOFRE-UNIT 1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1812	SAN ONOFRE-UNIT 2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1818	SAN ONOFRE-UNIT 3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1824	SONGS 2,3 SPARE PARTS	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1839	SONGS COMMON 2 & 3- (INC)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1860	PALOVERDE NUCL GEN PLT-U1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	232,241		84,727				316,967
1864	PALO VERDE-UNIT 2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	181,545		96,210				277,755
1866	PALO VERDE-UNIT 3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study	253,332		92,249				345,581
1867	PALOVERDE-COMMON 1,2,3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1869	PALOVERDE-SWITCHYARD	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1870	PV UNIT 1-INCREMENTAL	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
1999	SAN BRDNO-220 KV SWTCHYRD	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2150	MAMMOTH POOL LAKE-FP 2085	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2202	BIG CREEK CANYON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2211	BIG CREEK NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2212	BIG CREEK NO.2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2229	BIG CREEK NO.8	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2230	BIG CREEK NO.3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2234	BIG CREEK NO.2A	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2236	BIG CREEK NO.4	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2237	PORTAL POWER PLANT	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2238	MAMMOTH POOL	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2239	EASTWOOD POWER STATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2300	HYDRO PRODUCTION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2301	SNTA ANA RV&MILL CRK CNYN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2303	LYTLE CRK&SN ANTONIO CNYN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2305	KERN RIVER CANYON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2307	KAWEAH RIVER CANYON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2309	SAN GORGONIO CANYON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2313	KERN RIVER NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2314	BOREL	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2315	SANTA ANA NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2317	SANTA ANA NO.3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2318	MILL CREEK NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2319	MILL CREEK NO.2&3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2324	KAWEAH NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2325	KAWEAH NO.2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2326	KAWEAH NO.3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-
2327	LOWER TULE RIVER	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-

Attachment 4
WP-Schedule 7
Plant Study
Page 45 of 59

OPERATING VOLTAGE /		ACCOUNT NO.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
2328	KERN RIVER NO.3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2331	ONTARIO NO.1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2500	EASTERN HYDRO REGION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2501	BISHOP CREEK CANYON	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2503	MONO BASIN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2510	LUNDY	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2512	POOLE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2514	RUSH CREEK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2522	BISHOP CREEK NO.2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2523	BISHOP CREEK NO.3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2524	BISHOP CREEK NO.4	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
2525	BISHOP CREEK NO.5	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	

Attachment 4
WP-Schedule 7
Plant Study
Page 46 of 59

2012
CIRCUIT
MILES

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

OPERATING VOLTAGE /		ACCOUNT NO.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
5064	VISTA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5065	PISGAH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5066	GENE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5067	DEVERS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5068	CAMINO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5071	HINSON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5072	VELASCO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5073	LIGHTHIPE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5074	LAGUNA BELL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study				236,483			236,483	
5075	DEL AMO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5078	HUNTINGTON BCH SWITCHCRK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5079	WIND HUB SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5081	BARRE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5082	VILLA PARK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5084	CENTER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5085	JOHANNA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5086	ELLIS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5087	OLINDA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5088	SANTIAGO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5089	LEWIS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5091	MEAD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5092	MOENKOPI SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5093	WEST SERIES CAPACITORS	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5094	EAST SERIES CAPACITORS 1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5095	TRITON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5096	ETIWANDA SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5097	PALO VERDE SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5100	METRO REGION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5101	ALHAMBRA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5107	BANDINI SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5109	BICKNELL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5110	WABASH (NEW) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5116	RUSH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5134	MONROVIA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5141	ROSEMEAD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5150	DUARTE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5152	JOSE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5158	ARROYO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5161	AMADOR SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5162	FAIR OAKS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5165	JPL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5167	MAYFLOWER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5170	TEMPLE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5178	KIRKWALL SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5185	CITRUS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5186	CORTEZ SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5196	RAILROAD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5198	ALHAMBRA DIST SUB TRG FAC	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5210	HOWARD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5213	LENNOX SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5235	WINDSOR HILLS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5241	YUKON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5273	STANHILL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5309	GOSHEN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5325	STRATHMORE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5328	TULARE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5352	LINE CREEK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5357	CUMMINGS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5358	MONOLITH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

OPERATING VOLTAGE /		ACCOUNT NO.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
5365	ACTON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5374	RIVERWAY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5508	DEL SUR SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5510	FILLMORE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5511	GOLDTOWN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5514	LANCASTER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5518	LITTLE ROCK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5522	SHUTTLE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5530	REDMAN WUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5539	ANAVERDE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5541	ROSAMOND SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5545	PIUTE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5546	ELIZABETH LAKE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5548	OASIS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5553	CAL CEMENT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5556	NEENACH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5557	NEWBURY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5564	PALMDALE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5566	QUARTZ HILL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5572	GAVIOTA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5599	HELIJET SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5601	RANDALL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5604	TIMOTEO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5606	ORANGE PRODUCTS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5612	INLAND CONTAINER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5615	DECLUZ SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5631	SAN ANTONIO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5646	COLTON CEMENT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5648	NAROD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5652	AMERON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5664	WIMBLEDON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5726	HATHAWAY SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5727	ATHENS SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5740	NAPLES SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5758	WATSON SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5787	SOUTH GATE SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5788	BOVINE SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5798	MOVIE SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5812	MURPHY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5814	CARMENITA SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5816	PARKWOOD SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5828	WAVE SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5832	LA HABRA SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5842	OCEANVIEW SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5848	RIVERA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5860	ALTON SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5862	SULLIVAN SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5865	ESTRELLA SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5869	SHAWNEE SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5870	LAMPSON SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5878	TUSTIN SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5892	TELEGRAPH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5896	NIGUEL SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
5902	LAS LOMAS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
6072	BARSTOW NO RGN-SAN BERDOO	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
7013	IMPERIAL COUNTY	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
7056	VENTURA COUNTY	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8000	ROADWAY(CEP)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8003	PAUBA(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8004	THORNHILL(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8005	STADLER(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8006	EL CASCO SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8009	PAN AERO (CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

OPERATING VOLTAGE /		ACCOUNT NO.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
8010	PHELAN(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8011	BANWIND SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8012	MIRAGE(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8013	APPLE VALLEY(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8014	BUNKER(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8016	FARREL(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8017	CONCHO(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8018	AULD(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8019	MAXWELL(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8020	SAVAGE(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8021	PEPPER(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8022	YUCCA(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8023	BLACK MOUNTAIN(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8024	ALESSANDRO(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8025	BAKER(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8026	BANNING(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8027	COTTONWOOD(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8028	EDWARDS(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8029	HI DESERT(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8030	MOUNTAIN PASS(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8031	RANDSBURG(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8032	ROCKET TEST(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8033	SEARLES(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8034	VALLEY(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8035	ZANJA(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8036	SANTA ROSA(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8037	TORTILLA(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8038	NELSON(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8039	HOMART(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8040	INYOKERN(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8041	HOLGATE(CEP) SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8042	CALECTRIC SUB (CEP)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8044	GARNET SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8045	IID TIE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8046	KRAMER-115 KV PORTION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8047	TIEFORT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8048	USBR BLYTHE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8049	VICTOR SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8051	SAN ONOFRE SWITCHRACK U1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8052	SAN ONOFRE SWITCHRACK U2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8053	SAN ONOFRE SWITCHRACK U3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8054	SAN ONOFRE SWITCHRACK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8055	SN ONOFRE SWTHRK-100% SCE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8059	PUREWATER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8060	WHIRLWIND SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8061	SEAWIND T/S	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8063	CHEVMAIN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8064	TIFFANYWIND SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8067	NUSED GALE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8072	CARODEAN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8073	IVYGLEN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8074	COOL WATER SWITCHRACK 1,2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8075	HIGHGROVE SWITCHRCK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8076	SN BRDNO SWTCHRCK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8078	SUN CITY(NEW)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study				203,176			203,176	
8079	AQUEDUCT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8081	BADLANDS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8082	MENTONE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

OPERATING VOLTAGE /		ACCOUNT NO.								2012		
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
8086	CAJALCO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8087	HESPERIA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8088	SKYLARK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8089	MAYBERRY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8090	PERMANENTE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8091	ELCENTRO TELEMTERING	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8092	NILAND TELEMETERING	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8093	SHANDIN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8094	ARROWHEAD SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8095	STETSON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8096	MARSCHINO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study				36,281			36,281	
8097	DUNN SIDING SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8098	EISENHOWER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study				3,254	1,043		4,297	
8099	TAMARISK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8102	AMARGO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8110	BARSTOW SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8113	BLYTHE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8117	BRYMAN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8120	MILITARY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8152	GLEN IVY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8163	HELENDALE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8167	HINKLEY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8190	MINNEOLA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8193	MORENO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8195	MURRIETA 2 SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8196	MURRIETA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8197	SOUTHCAP SUB.	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8198	MUSCOY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8204	BELDING SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8211	ORDWAY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8214	PALM CANYON SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8220	LUCERNE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8222	RANCHO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8225	RIALTO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8226	RIDGECREST SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8234	SAN JACINTO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8250	TEMESCAL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8267	WILDE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8268	YERMO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8279	CORONA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8283	GALE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8297	FORGE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8301	BUCKWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8302	CAPWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8303	RENWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8304	SANWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8305	TRANSWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8306	VENWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8308	ALTWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8310	TERAWIND	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8311	INDIGO SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8312	CALGEN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8314	MCGEN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8320	SEGS II	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8321	SEGS III	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	

TRANSMISSION LINE COST BY
OPERATING VOLTAGE / LOCATION NO.
AS OF DECEMBER 31, 2012

OPERATING VOLTAGE /		A C C O U N T N O.									2012	
Location	Line Name	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES
8322	SEGS IV	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8323	SEGS V	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8324	SEGS VI	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8325	SEGS VII	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8326	SEGS VIII	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8327	SEGS IX	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8340	SOPORT	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8342	NEWCOMB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8343	ELSINORE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8344	SOUTH BASE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8345	INDIAN WELLS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8347	PECHANGA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8348	MORAGA	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study				816			816	
8351	TANKER SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8353	PLUESS SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8354	AFG SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8357	RECTIFIER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8359	MOUNTWIND SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8361	COSO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8362	MOVAL SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8504	RITTER RANCH SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8509	PHARMACY SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8558	PLASTER SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8810	ONEIL SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8932	MIDWAY-PAC INTERTIE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8950	PARDEE-PAC INTERTIE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
8954	VINCENT-PAC INTERTIE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9009	CONSTR FIELD FORCES	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9010	B&A-T/S 3RD FLOOR-GO3	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9024	CHINO OFC BLDG (FACILITY)	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9047	TRANS/SUB SUPPORT SERV	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9203	FUELS	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9219	RP&AS,LND&ESMNT REQUIS	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9221	INNOVATION VILLAGE 1	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9243	CONTROL SYS SEC-ALHAMBRA	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9310	TELCOMM-ALHAMBRA	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study		(2,151)					(2,151)	
9330	TELECOMM-ALHAMBRA	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9339	CONWAY SUMMIT COMM SITE	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
9900	PLANT ACCTG-MISC. LEDGER	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
Internal Order	Internal Order	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study		(11,461)					(11,461)	
*Rows hidden in Non4xxx Locations		-	-	-	667,118	27,185	298,684	480,010	1,043	-	1,474,040	
Totals including exclusions		204,153,679	10,190,827	11,875,319	772,203,666	603,692,253	706,020,711	48,517,033	208,167,367	43,038,583	2,607,859,438	
FERC FORM 1 Totals					772,203,666	603,692,255	706,020,712	48,517,033	208,167,367	43,038,583	2,381,639,616	
Difference					0	2	1	(0)	(0)	-	3	

		Ledger Values							ISO RELATED PLANT COST			NON-ISO RELATED PLA	
Description	Location Number	A/C 350	A/C 352	A/C 353	A/C 360	A/C 361	A/C 362	Total	A/C 350	A/C 352	A/C 353	A/C 350	A/C 352
Midway-Vincent	4026	2,910,822	-	27,105	-	-	-	2,937,927	2,910,822	-	27,105	-	-
DWP-Edison Calif	4031	-	95,841	-	-	-	-	95,841	-	95,841	-	-	-
DWP-Edison Nevada	4034	-	541	-	-	-	-	541	-	541	-	-	-
PARDEE-SYLMAR LNES 1&2	4045	179,131	20,864	-	-	-	-	199,995	179,131	20,864	-	-	-
EAGLE ROCK-SYLMAR LINE	4046	186,657	-	-	-	-	-	186,657	186,657	-	-	-	-
PARDEE-VINCENT LINE CONST	4059	13,002	-	-	-	-	-	13,002	13,002	-	-	-	-
RIO HONDO-VINCENT LN 2	4070	61,040	-	-	-	-	-	61,040	61,040	-	-	-	-
Many Transmission Lines	4101	1,458,517	278,181	98,475	-	-	-	1,835,173	1,418,340	318,030	95,762	40,178	(39,849)
COGEN/RENEWABLE ENERGY SO	4102	1,466,128	-	-	-	-	-	1,466,128	831,624	-	-	634,504	-
ISO 66KV LINES	4103	(99)	-	-	-	-	-	(99)	-	-	-	(99)	-
DEVERS-HINS LN, OTHERS	4104	1,331,335	-	-	-	-	-	1,331,335	1,253,514	33,936	-	77,821	(33,936)
Various 66kv Lines	4105	31,965,989	307,314	1,071,634	691,618	-	-	34,036,556	3,404,713	127,315	122,810	28,561,276	180,000
COGEN/RENEW ENGY SOURCES	4106	563,121	-	-	-	-	-	563,121	1,285	-	-	561,836	-
Various 220kv Lines	4107	2,639,357	303,336	-	-	-	-	2,942,693	2,398,750	296,716	-	240,607	6,621
Chino-Serrano	4108	8,067,991	3,035,777	-	-	-	-	11,103,767	8,077,005	3,039,168	-	(9,014)	(3,392)
BIG CRK 3-BIG CRK 4	4111	1,944	-	-	-	-	-	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	793,531	-	-	-	-	-	793,531	793,531	-	-	-	-
Alamitos-Mesa-& Various	4114	3,210,560	533,210	661,182	-	-	-	4,404,952	3,063,735	514,387	630,945	146,825	18,823
Lighthouse-Hinson-Long Beach	4115	1,607,024	531,635	2,149	-	-	-	2,140,808	1,607,024	531,635	2,149	-	-
Various 220kv Lines	4116	3,594,552	169,091	2,065	-	-	-	3,765,709	3,594,552	169,091	2,065	-	-
Various 220kv Lines	4117	1,005,476	7,084	12,857	-	-	-	1,025,417	1,005,476	7,084	12,857	-	-
Mira Loma, other	4118	5,639,405	86,461	2,260	-	-	-	5,728,125	5,223,328	195,177	2,093	416,077	(108,717)
Various 220kv Lines	4119	2,099,654	16,166	101	-	-	-	2,115,921	1,793,600	72,242	1,159	306,054	(56,076)
Huntington Beach- Ellis GRT (4 Lir	4120	4,270,244	298,150	3,380	-	-	-	4,571,774	3,691,261	276,896	2,922	578,983	21,254
BIG CREEK 4-SPRNGVLL-MGDN	4121	281,784	-	-	-	-	-	281,784	281,784	-	-	-	-
Lugo-Vincent	4123	1,734,921	-	16,633	-	-	-	1,751,554	1,734,921	-	16,633	-	-
BIG CRK 1-CMP TEN---PRTL	4124	485	-	-	-	-	-	485	-	-	-	485	-
Mandalay-Santa Clara GRT (2 Line	4125	11,414,612	1,761,946	1,918	-	-	-	13,178,476	8,492,875	1,316,772	1,427	2,921,737	445,173
NORTH BOULDER-MEAD, OTHER	4127	19,842	-	-	-	-	-	19,842	19,842	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	34,937	-	-	-	-	-	34,937	-	-	-	34,937	-
MOHAVE-LUGO 500KV	4130	157,990	-	-	-	-	-	157,990	157,990	-	-	-	-
CUMMINGS-KERBN RIV1, OTH	4132	3,146	-	-	-	-	-	3,146	3,132	-	-	14	-
BOREL---WALKER 66KV LN	4133	50,020	-	-	-	-	-	50,020	-	-	-	50,020	-
LUGO-VICTOR LNS, OTHER	4135	2,211,889	(70)	-	-	-	-	2,211,819	1,443,530	(46)	-	768,359	(24)
LUGO-ELDORADO LN	4136	1,330,373	-	-	-	-	-	1,330,373	1,330,373	-	-	-	-
LUGO-ELDORADO LN	4137	16,589	-	-	-	-	-	16,589	16,589	-	-	-	-
Lugo-Mira Loma	4138	9,600,704	211,083	98	-	-	-	9,811,886	9,600,704	702,558	98	-	(491,475)
SPRGVLL-TULE 66KV LN	4139	517	-	-	-	-	-	517	-	-	-	517	-
MOHAVE-LUGO 500 KV LN	4140	278,112	-	-	-	-	-	278,112	278,112	-	-	-	-
MOHAVE-ELDORADO LN	4141	76,199	-	-	-	-	-	76,199	76,199	-	-	-	-
BOREL-WELDON 66KV LN	4142	25,409	-	-	-	-	-	25,409	-	-	-	25,409	-
ELDORADO-BORDER 500 KV LI	4143	6,167	-	-	-	-	-	6,167	6,167	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	9,994	-	-	-	-	-	9,994	9,994	-	-	-	-
Vincent-Pardee Line 2	4147	3,858,246	-	1,880	-	-	-	3,860,126	3,858,246	-	1,880	-	-
MIRA LOMA-SERRANO LN	4148	1,696,736	-	-	-	-	-	1,696,736	1,696,736	-	-	-	-
SANTA ANA LNS 1,2,3	4149	232	-	-	-	-	-	232	-	-	-	232	-
VINCENT-PEARLBLOSSOM LN	4153	309,032	-	-	-	-	-	309,032	-	-	-	309,032	-
LUGO-VICTORVLL EDSON-DWI	4154	751,549	-	-	-	-	-	751,549	751,549	-	-	-	-
MIDWAY-VINCENT LN 3	4155	5,826,541	-	-	-	-	-	5,826,541	5,826,541	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	12,019,808	-	-	-	-	-	12,019,808	12,019,808	-	-	-	-
Rio Honda-Vincent Line 2	4157	105,605	18,610	-	-	-	-	124,216	105,605	18,610	-	-	-
LUCERNE-LUGO/MIRA LOMA I	4158	498,252	-	-	-	-	-	498,252	-	-	-	498,252	-
BIG CRK 2-BIG CRK 8	4166	(63,110)	-	-	-	-	-	(63,110)	(63,110)	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	4,331	-	-	-	-	-	4,331	-	-	-	4,331	-
Various 220kv Lines	4169	5,649,704	-	2,701	-	-	-	5,652,405	5,471,226	-	2,616	178,478	-
DEVERS-PALO VERDE	4185	12,533,939	-	-	-	-	-	12,533,939	12,533,939	-	-	-	-
DEVERS-PALO VERDE	4186	1,193,710	-	-	-	-	-	1,193,710	1,193,710	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	10,444,073	-	-	-	-	-	10,444,073	10,444,073	32,102	-	-	(32,102)
Serrano-Valley	4188	2,855,826	8,043	-	-	-	-	2,863,870	2,855,826	229,619	-	-	(221,576)
SERRANO-VILLA PK LN 1,2,3	4189	78,248	-	-	-	-	-	78,248	78,248	-	-	-	-
VARIOUS 66KV LINES	4200	-	465,310	-	-	-	-	465,310	-	-	-	465,310	-
E.MAGUNDEN-ANTELOPE 220	4207	-	25,798	-	-	-	-	25,798	-	-	-	25,798	-
MET T/S REGION	4300	-	131,348	14,696	-	-	-	146,044	-	-	-	131,348	-
ALL 66KV T/L-METRO REGION	4305	-	-	81,391	-	-	-	81,391	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	23,142	-	-	-	-	23,142	-	-	-	-	23,142
EAGLE ROCK-MESA 220KV LN	4314	-	9	-	-	-	-	9	-	-	-	-	9
CENTER-MESA 220KV LN	4319	-	37,768	-	-	-	-	37,768	-	-	-	-	37,768
COASTAL T/S REGION	4400	3,127	-	12,363	-	-	-	15,490	-	-	-	3,127	-
ALL 66KV T/L-COASTAL REGN	4405	-	11,937	-	-	-	-	11,937	-	-	-	-	11,937
EAGLE ROCK-MESA 220KV LN	4414	-	5,819	-	-	-	-	5,819	-	-	-	-	5,819
CENTER MESA&OLINDA 220K	4419	-	17,925	1,256	-	-	-	19,181	-	-	-	-	17,925
ALAMITOS-CENTER....	4420	-	22,178	-	-	-	-	22,178	-	-	-	-	22,178
EASTERN T/S REGION	4500	-	78,929	21,657	-	52,105	-	152,691	-	-	-	78,929	-
DEVERS-HINDS 220KV LNS	4504	-	36,042	-	-	-	-	36,042	-	-	-	-	36,042
33 & 66KV LINES IN ESTRN R	4505	-	56,524	-	-	-	-	56,524	-	-	-	-	56,524
ISO 115KV T/L	4513	5,898	-	-	-	-	-	5,898	-	-	-	5,898	-
ETIWANDA-PADUA 220KV LN	4518	-	124,264	-	-	-	-	124,264	-	-	-	-	124,264
MIRA LOMA-WALNUT 220KV I	4519	-	12,710	-	-	-	-	12,710	-	-	-	-	12,710
LUGO-MIRA LOMA NO. 1&2	4538	-	491,475	-	-	-	-	491,475	-	-	-	491,475	-
DESERT REGION 115KV LINES	4570	-	50,888	-	-	-	-	50,888	-	-	-	-	50,888
DEVERS-VALLEY 500 KV LNS	4587	-	25,661	-	-	-	-	25,661	-	-	-	-	25,661
Northern (Transmission Locati	4600	-	106,618	21,515	-	51,683	-	179,816	-	-	-	106,618	-
Bailey-Pardee 220 kv Line	4601	-	48,858	-	-	-	-	48,858	-	-	-	48,858	-
33&66KV LNS IN NRTHEN T/S	4605	-	235,738	-	83,844	-	-	319,582	-	-	-	235,738	-
MOORPARK-PARDEE 200KV LI	4625	-	7,825	-	-	-	-	7,825	-	-	-	-	7,825
ANTELOPE-PARDEE	4644	3,934,890	-	-	-	-	-	3,934,890	3,934,890	-	-	-	-
Eastern (Transmission Locatio	4700	33,305	10,543	1,233	-	-	-	45,081	-	-	-	333	

[illegible]

			1 = Assuming EKWRA Reconfiguration HAS occurred			2 = Assuming EKWRA Reconfig		
Description	Location Number		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	4026	-	2,910,822	-	27,105	-	-	-
DWP-Edison Calif	4031	-	-	95,841	-	-	-	-
DWP-Edison Nevada	4034	-	-	541	-	-	-	-
PARDEE-SYLMAR LNES 1&2	4045	-	179,131	20,864	-	-	-	-
EAGLE ROCK-SYLMAR LNE	4046	-	186,657	-	-	-	-	-
PARDEE-VINCENT LINE CONST	4059	-	13,002	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4070	-	61,040	-	-	-	-	-
Many Transmission Lines	4101	-	1,418,340	318,030	95,762	-	-	-
COGEN/RENEWABLE ENERGY SO	4102	-	831,624	-	-	-	-	-
ISO 66KV LINES	4103	-	-	-	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	-	1,253,514	33,936	-	-	-	-
Various 66kv Lines	4105	-	217,905	8,148	7,860	-	-	-
COGEN/RENEW ENGY SOURCES	4106	-	-	-	-	-	-	-
Various 220kv Lines	4107	-	2,398,750	296,716	-	-	-	-
Chino-Serrano	4108	-	8,077,005	3,039,168	-	-	-	-
BIG CRK 3-BIG CRK 4	4111	-	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	-	793,531	-	-	-	-	-
Alamitos-Mesa-& Various	4114	-	3,063,735	514,387	630,945	-	-	-
Lighthiipe-Hinson-Long Beach	4115	-	1,607,024	531,635	2,149	-	-	-
Various 220kv Lines	4116	-	3,594,552	169,091	2,065	-	-	-
Various 220kv Lines	4117	-	1,005,476	7,084	12,857	-	-	-
Mira Loma, other	4118	-	5,223,328	195,177	2,093	-	-	-
Various 220kv Lines	4119	-	1,793,600	72,242	1,159	-	-	-
Huntington Beach- Ellis GRT (4 Lin	4120	-	3,691,261	276,896	2,922	-	-	-
BIG CREEK 4-SPRNGVLL-MGDN	4121	-	281,784	-	-	-	-	-
Lugo-Vincent	4123	-	1,734,921	-	16,633	-	-	-
BIG CRK 1-CMP TEN-...-PRTL	4124	-	-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Line	4125	-	8,492,875	1,316,772	1,427	-	-	-
NORTH BOULDER-MEAD, OTHER	4127	-	19,842	-	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	-	-	-	-	-	-	-
MOHAVE-LUGO 500KV	4130	-	157,990	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTH	4132	-	-	-	-	-	-	-
BOREL-...-WALKER 66KV LN	4133	-	-	-	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	-	1,443,530	(46)	-	-	-	-
LUGO-ELDORADO LN	4136	-	1,330,373	-	-	-	-	-
LUGO-ELDORADO LN	4137	-	16,589	-	-	-	-	-
Lugo-Mira Loma	4138	-	9,600,704	702,558	98	-	-	-
SPRGVLL-TULE 66KV LN	4139	-	-	-	-	-	-	-
MOHAVE-LUGO 500 KV LN	4140	-	278,112	-	-	-	-	-
MOHAVE-ELDORADO LN	4141	-	76,199	-	-	-	-	-
BOREL-WELDON 66KV LN	4142	-	-	-	-	-	-	-
ELDORADO-BORDER 500 KV LI	4143	-	6,167	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	-	9,994	-	-	-	-	-
Vincent-Pardee Line 2	4147	-	3,858,246	-	1,880	-	-	-
MIRA LOMA-SERRANO LN	4148	-	1,696,736	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149	-	-	-	-	-	-	-
VINCENT-PEARBLOSSOM LN	4153	-	-	-	-	-	-	-
LUGO-VICTORVLL EDSON-DWI	4154	-	751,549	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	-	5,826,541	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	-	12,019,808	-	-	-	-	-
Rio Honda-Vincent Line 2	4157	-	105,605	18,610	-	-	-	-
LUCERNE-LUGO/MIRA LOMA I	4158	-	-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	-	(63,110)	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	-	-	-	-	-	-	-
Various 220kv Lines	4169	-	5,471,226	-	2,616	-	-	-
DEVERS-PALO VERDE	4185	-	12,533,939	-	-	-	-	-
DEVERS-PALO VERDE	4186	-	1,193,710	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	-	10,444,073	32,102	-	-	-	-
Serrano-Valley	4188	-	2,855,826	229,619	-	-	-	-
SERRANO-VILLA PK LN 1,2,3	4189	-	78,248	-	-	-	-	-
VARIOUS 66KV LINES	4200	-	-	-	-	-	-	-
E.MAGUNDEN-ANTELOPE 220	4207	-	-	-	-	-	-	-
MET T/S REGION	4300	-	-	-	-	-	-	-
ALL 66KV T/L-METRO REGION	4305	-	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-	-
COASTAL T/S REGION	4400	-	-	-	-	-	-	-
ALL 66KV T/L-COASTAL REGN	4405	-	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-	-
ALAMITOS-CENTER....	4420	-	-	-	-	-	-	-
EASTERN T/S REGION	4500	-	-	-	-	-	-	-
DEVERS-HINDS 220KV LINES	4504	-	-	-	-	-	-	-
33 & 66KV LNES IN ESTRN R	4505	-	-	-	-	-	-	-
ISO 115KV T/L	4513	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-	-
MIRA LOMA-WALNUT 220KV I	4519	-	-	-	-	-	-	-
LUGO-MIRA LOMA NO. 1&2	4538	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-	-	-	-
DEVERS-VALLEY 500 KV LNS	4587	-	-	-	-	-	-	-
Northern (Transmission Locati	4600	-	-	-	-	-	-	-
Bailey-Pardee 220 kv Line	4601	-	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	-	-	-	-	-	-	-
MOORPARK-PARDEE 200KV L	4625	-	-	-	-	-	-	-
ANTELOPE-PARDEE	4644	-	3,934,890	-	-	-	-	-
Eastern (Transmission Location	4700	-	-	-	-	-	-	-
Various 55kv Lines	4705	-	94,331	1,278	-	-	-	-
ANTELOPE-WINDHUB 500KV I	4708	-	17,581,405	-	-	-	-	-
WINDHUB-HIGHWIND 230KV	4709	-	-	-	9,640,082	-	-	-
ANTELOPE - VINCENT #2 500K	4712	-	8,656,649	-	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	-	-	-	-	-	-	-
BISHOP CRK5&115KV LINES	4735	-	-	-	-	-	-	-
Various 115kv Lines	4750	-	3,934,625	41,004	47,530	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	-	1,079,559	-	-	-	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	-	33,310	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781	-	1,277	-	-	-	-	-
HOOVER-CLWTER 115 KV LN	4782	-	165,196	-	-	-	-	-
VAR. TRANS. LINES-S/E DIV	4800	-	-	-	-	-	-	-
S/E DIV., 66KV LINES	4805	-	-	-	-	-	-	-
VARIOUS 220KV LINES	4808	-	-	-	-	-	-	-
SAN JACINTO REGION 115KV	4950	-	-	-	-	-	-	-
DEVERS-VALLEY 500KV	4987	-	-	-	-	-	-	-
VALLEY-SERRANO 500 KV LN	4988	-	-	-	-	-	-	-

		uration HAS NOT occurred									
Description	Location Number	ISO RELATED PLANT COST			EKWRA Af	ISO RELATED PLANT COST			ISO RELATED PLANT COST		
		A/C 360	A/C 361	A/C 362		A/C 350	A/C 352	A/C 353	A/C 360	A/C 361	A/C 362
Midway-Vincent	4026	-	-	-		-	-	-	-	-	-
DWP-Edison Calif	4031	-	-	-		-	-	-	-	-	-
DWP-Edison Nevada	4034	-	-	-		-	-	-	-	-	-
PARDEE-SYLMAR LINES 1&2	4045	-	-	-		-	-	-	-	-	-
EAGLE ROCK-SYLMAR LINE	4046	-	-	-		-	-	-	-	-	-
PARDEE-VINCENT LINE CONST	4059	-	-	-		-	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4070	-	-	-		-	-	-	-	-	-
Many Transmission Lines	4101	-	-	-		-	-	-	-	-	-
COGEN/RENEWABLE ENERGY SO	4102	-	-	-		-	-	-	-	-	-
ISO 66KV LINES	4103	-	-	-		-	-	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	-	-	-		-	-	-	-	-	-
Various 66kv Lines	4105	-	-	-	1	(3,186,808)	(119,167)	(114,950)	-	-	-
COGEN/RENEW ENGY SOURCES	4106	-	-	-	1	(1,285)	-	-	-	-	-
Various 220kv Lines	4107	-	-	-		-	-	-	-	-	-
Chino-Serrano	4108	-	-	-		-	-	-	-	-	-
BIG CRK 3-BIG CRK 4	4111	-	-	-		-	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	-	-	-		-	-	-	-	-	-
Alamitos-Mesa & Various	4114	-	-	-		-	-	-	-	-	-
Lighthipe-Hinson-Long Beach	4115	-	-	-		-	-	-	-	-	-
Various 220kv Lines	4116	-	-	-		-	-	-	-	-	-
Various 220kv Lines	4117	-	-	-		-	-	-	-	-	-
Mira Loma, other	4118	-	-	-		-	-	-	-	-	-
Various 220kv Lines	4119	-	-	-		-	-	-	-	-	-
Huntington Beach- Ellis GRT (4 Lin	4120	-	-	-		-	-	-	-	-	-
BIG CREEK 4-SPRGVLL-MGDN	4121	-	-	-		-	-	-	-	-	-
Lugo-Vincent	4123	-	-	-		-	-	-	-	-	-
BIG CRK 1-CMP TEN-...PRTL	4124	-	-	-		-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Line	4125	-	-	-		-	-	-	-	-	-
NORTH BOULDER-MEAD, OTHER	4127	-	-	-		-	-	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	-	-	-		-	-	-	-	-	-
MOHAVE-LUGO 500KV	4130	-	-	-		-	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTH	4132	-	-	-	1	(3,132)	-	-	-	-	-
BOREL-...-WALKER 66KV LN	4133	-	-	-		-	-	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	-	-	-		-	-	-	-	-	-
LUGO-ELDORADO LN	4136	-	-	-		-	-	-	-	-	-
LUGO-ELDORADO LN	4137	-	-	-		-	-	-	-	-	-
Lugo-Mira Loma	4138	-	-	-		-	-	-	-	-	-
SPRGVLL-TULE 66KV LN	4139	-	-	-		-	-	-	-	-	-
MOHAVE-LUGO 500 KV LN	4140	-	-	-		-	-	-	-	-	-
MOHAVE-ELDORADO LN	4141	-	-	-		-	-	-	-	-	-
BOREL-WELDON 66KV LN	4142	-	-	-		-	-	-	-	-	-
ELDORADO-BORDER 500 KV LI	4143	-	-	-		-	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	-	-	-		-	-	-	-	-	-
Vincent-Pardee Line 2	4147	-	-	-		-	-	-	-	-	-
MIRA LOMA-SERRANO LN	4148	-	-	-		-	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149	-	-	-		-	-	-	-	-	-
VINCENT-PEARBLOSSOM LN	4153	-	-	-		-	-	-	-	-	-
LUGO-VICTORVLL EDSON-DWI	4154	-	-	-		-	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	-	-	-		-	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	-	-	-		-	-	-	-	-	-
Rio Honda-Vincent Line 2	4157	-	-	-		-	-	-	-	-	-
LUCERNE-LUGO/MIRA LOMA I	4158	-	-	-		-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	-	-	-		-	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	-	-	-		-	-	-	-	-	-
Various 220kv Lines	4169	-	-	-		-	-	-	-	-	-
DEVERS-PALO VERDE	4185	-	-	-		-	-	-	-	-	-
DEVERS-PALO VERDE	4186	-	-	-		-	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	-	-	-		-	-	-	-	-	-
Serrano-Valley	4188	-	-	-		-	-	-	-	-	-
SERRANO-VILLA PK LN 1,2,3	4189	-	-	-		-	-	-	-	-	-
VARIOUS 66KV LINES	4200	-	-	-		-	-	-	-	-	-
E.MAGUNDEN-ANTELOPE 220	4207	-	-	-		-	-	-	-	-	-
MET T/S REGION	4300	-	-	-		-	-	-	-	-	-
ALL 66KV T/L-METRO REGION	4305	-	-	-		-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-		-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-		-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-		-	-	-	-	-	-
COASTAL T/S REGION	4400	-	-	-		-	-	-	-	-	-
ALL 66KV T/L-COASTAL REGN	4405	-	-	-		-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-		-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-		-	-	-	-	-	-
ALAMITOS-CENTER....	4420	-	-	-		-	-	-	-	-	-
EASTERN T/S REGION	4500	-	-	-		-	-	-	-	-	-
DEVERS-HINDS 220KV LNS	4504	-	-	-		-	-	-	-	-	-
33 & 66KV LINES IN ESTRN R	4505	-	-	-		-	-	-	-	-	-
ISO 115KV T/L	4513	-	-	-		-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-		-	-	-	-	-	-
MIRA LOMA-WALNUT 220KV I	4519	-	-	-		-	-	-	-	-	-
LUGO-MIRA LOMA NO. 1&2	4538	-	-	-		-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-		-	-	-	-	-	-
DEVERS-VALLEY 500 KV LNS	4587	-	-	-		-	-	-	-	-	-
Northern (Transmission Locati	4600	-	-	-		-	-	-	-	-	-
Bailey-Pardee 220 kv Line	4601	-	-	-		-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	-	-	-		-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-		-	-	-	-	-	-
ANTELOPE-PARDEE	4644	-	-	-		-	-	-	-	-	-
Eastern (Transmission Location	4700	-	-	-		-	-	-	-	-	-
Various 55kv Lines	4705	-	-	-		-	-	-	-	-	-
ANTELOPE-WINDHUB 500KV I	4708	-	-	-		-	-	-	-	-	-
WINDHUB-HIGHWIND 230KV	4709	-	-	-		-	-	-	-	-	-
ANTELOPE - VINCENT #2 500KV	4712	-	-	-		-	-	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	-	-	-		-	-	-	-	-	-
BISHOP CRK55&115KV LINES	4735	-	-	-		-	-	-	-	-	-
Various 115kv Lines	4750	-	-	-		-	-	-	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	-	-	-		-	-	-	-	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	-	-	-		-	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781	-	-	-		-	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4782	-	-	-		-	-	-	-	-	-
VAR. TRANS. LINES-S/E DIV	4800	-	-	-		-	-	-	-	-	-
S/E DIV., 66KV LINES	4805	-	-	-		-	-	-	-	-	-
VARIOUS 220KV LINES	4808	-	-	-		-	-	-	-	-	-
SAN JACINTO REGION 115KV	4950	-	-	-		-	-	-	-	-	-
DEVERS-VALLEY 500KV	4987	-	-	-		-	-	-	-	-	-
VALLEY-SERRANO 500 KV LN	4988	-	-	-		-	-	-	-	-	-

[illegible]

[illegible]

[illegible]

[illegible]