

SOUTHERN CALIFORNIA EDISON COMPANYTransmission/Distribution ISO Facilities Study
End of Year 2011 Facilities

\$

Transmission

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land (Substation and Line)				
350	238,723,489	238,723,490	156,698,450	65.6%
Substation				
352	334,506,130	334,506,130	170,948,030	51.1%
353	3,421,750,786	3,421,750,787	1,756,511,619	51.3%
Total Substation	3,756,256,916	3,756,256,917	1,927,459,649	51.3%
Lines				
354	601,728,049	601,728,048	550,516,805	91.5%
355	545,742,642	545,742,641	132,075,054	24.2%
356	617,979,720	617,979,719	421,892,563	68.3%
357	46,153,375	46,153,376	558,943	1.2%
358	183,442,134	183,442,133	3,408,604	1.9%
359	113,892,832	113,892,833	110,352,407	96.9%
Total Lines	2,108,938,752	2,108,938,749	1,218,804,376	57.8%
Total Transmission	6,103,919,157	6,103,919,156	3,302,962,475	54.1%

Distribution

	Total Plant FERC Form 1	Total Plant	ISO Plant	ISO % of Total
Land:				
360	105,855,063	105,855,062	75,876	0.1%
Structures:				
361	431,350,909	431,350,910	683,247	0.2%
362	1,609,973,202	1,609,973,202	5,875,711	0.4%
Total Structures	2,041,324,112	2,041,324,112	6,558,958	0.3%
Total Distribution	2,147,179,175	2,147,179,174	6,634,835	0.3%
Total Transmission & Distribution	8,251,098,332	8,251,098,330	3,309,597,310	40.1%

Southern California Edison Company

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

Total ISO Plant				Gross ISO Plant Split into High Voltage, Low Voltage, and Transformers that Straddle HV/LV				
ISO Transmission and Distributi	Total ISO Gross Plant	Land	Structures	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
Transmission Lines:								
750 kV T Lines	55,966,907	-	55,966,907	-	-	55,966,907	-	-
500 kV T Lines	429,335,254	48,565,351	380,769,904	48,565,351	-	380,769,904	-	-
230 kV T Lines	733,852,394	65,722,570	668,129,824	65,722,570	-	668,129,824	-	-
161 kV T Lines	2,369,978	33,310	2,336,668	-	33,310	-	2,336,668	-
115 kV T Lines	50,799,282	4,527,959	46,271,323	-	4,527,959	-	46,271,323	-
66 kV T Lines	67,109,651	3,473,546	63,636,106	-	3,473,546	-	63,636,106	-
55 kV T Lines	1,787,976	94,331	1,693,646	-	94,331	-	1,693,646	-
Total Transmission Lines	1,341,221,443	122,417,066	1,218,804,376	114,287,921	8,129,145	1,104,866,634	113,937,742	-
Substations:								
High Voltage Substations (750 kV, 500kV, 220kV)	1,651,895,519	33,507,352	1,618,388,167	33,507,352	-	1,618,388,167	-	-
Straddle Substations:								
Eldorado	66,862,753	13,183	66,849,570	13,183	-	65,952,091	-	897,480
Antelope	70,582,433	21,969	70,560,463	16,725	5,244	46,230,540	14,495,192	9,834,731
Bailey	17,694,017	110,067	17,583,951	93,457	16,609	13,532,013	2,404,897	1,647,041
Eagle Mountain	1,619,898	-	1,619,898	-	-	1,480,880	136,988	2,031
Kramer	16,028,920	28,585	16,000,335	16,632	11,953	8,210,172	5,912,866	1,877,297
Victor	54,518,230	18,832	54,499,398	3,036	15,795	8,565,937	44,558,394	1,375,067
Total Straddle Substations	227,306,250	192,635	227,113,615	143,033	49,602	143,971,633	67,508,336	15,633,646
Low Voltage Substations (Less Than 220kV)	89,174,098	657,273	88,516,826	-	657,273	-	88,516,826	-
Total Substations	1,968,375,868	34,357,260	1,934,018,608	33,650,386	706,874	1,762,359,799	156,025,162	15,633,646
Total Lines and Substations	3,309,597,310	156,774,326	3,152,822,984	147,938,307	8,836,020	2,867,226,433	269,962,904	15,633,646

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

Gross Plant that can be determined HV/LV	High Voltage	Low Voltage	Total
Land	147,938,307	8,836,020	156,774,326
Structures	2,867,226,433	269,962,904	3,137,189,338
Total Determined HV/LV	3,015,164,740	278,798,924	3,293,963,664
Percentage:	91.54%	8.46%	100.00%
Transformers	14,310,424	1,323,222	15,633,646
Total HV & LV Gross Plant	3,029,475,164	280,122,146	3,309,597,310

Facility:	Location #	Land HV	Land LV	Structures HV	Structures LV	Transformers HV/LV
500 kV Substations:						
Eldorado	5090	13,183	-	65,952,091	-	897,480
230 kV Substations						
Antelope	5052	16,725	5,244	46,230,540	14,495,192	9,834,731
Bailey	5059	93,457	16,609	13,532,013	2,404,897	1,647,041
Eagle Mountain	5040	-	-	1,480,880	136,988	2,031
Kramer	5042 & 8046	16,632	11,953	8,210,172	5,912,866	1,877,297
Victor	8049	3,036	15,795	8,565,937	44,558,394	1,375,067
Total Straddle Substations		143,033	49,602	143,971,633	67,508,336	15,633,646

SOUTHERN CALIFORNIA EDISON COMPANY

Transmission/Distribution ISO Facilities Study

Comparison of 2010 & 2011 EOY Results

\$

TRANSMISSION

FERC Accounts	2010 *		2011		Change	
	ISO Plant	ISO % of Total	ISO Plant	ISO % of Total	Plant	%
Land (Substation and Line)						
350	153,978,278	65.3%	156,698,450	65.6%	2,720,172	1.8%
Substation						
352	175,457,664	58.9%	170,948,030	51.1%	(4,509,633)	-2.6%
353	1,680,213,303	52.2%	1,756,511,619	51.3%	76,298,316	4.5%
Total Substation	1,855,670,967	52.7%	1,927,459,649	51.3%	71,788,682	3.9%
Lines						
354	625,307,190	92.6%	550,516,805	91.5%	(74,790,385)	-12.0%
355	113,770,199	22.0%	132,075,054	24.2%	18,304,855	16.1%
356	422,173,397	68.7%	421,892,563	68.3%	(280,834)	-0.1%
357	284,096	0.7%	558,943	1.2%	274,847	96.7%
358	2,302,928	1.3%	3,408,604	1.9%	1,105,676	48.0%
359	28,619,068	89.7%	110,352,407	96.9%	81,733,339	285.6%
Total Lines	1,192,456,878	57.9%	1,218,804,376	57.8%	26,347,499	2.2%
Total Transmission	3,202,106,123	55.1%	3,302,962,475	54.1%	100,856,353	3.1%

DISTRIBUTION

FERC Accounts	2010		2011		Change	
	ISO Plant	ISO % of Total	ISO Plant	ISO % of Total	Plant	%
Land:						
360	25,780	0.0%	75,876	0.1%	50,096	194.3%
Structures:						
361	1,107,531	0.3%	683,247	0.2%	(424,284)	-38.3%
362	16,087,946	1.1%	5,875,711	0.4%	(10,212,234)	-63.5%
Total Structures	17,195,477	0.9%	6,558,958	0.3%	(10,636,519)	-61.9%
Total Distribution	17,221,257	0.9%	6,634,835	0.3%	(10,586,422)	-61.5%

TOTAL TRANSMISSION & DISTRIBUTION

Total Transmission & Distribution	3,219,327,380	41.5%	3,309,597,310	40.1%	90,269,930	2.8%
--	---------------	-------	---------------	-------	------------	------

* 2010 as corrected

ISO Study Assumptions

The following assumptions have been made in completing 2011 Study

1. Devers-Mirage System

Beginning in the 2009 CPUC GRC and the 2009 FERC rate case, the Devers-Mirage system split was assumed to be completed and all 115kV facilities transferred from ISO to non-ISO. This assumption was consistent with the plant forecast that was utilized in the cases. However, due to project delays the physical split of the system has not yet occurred. It is currently forecast to be completed by July of 2012. The faculties assumed transferred control for purposes of the Transmission Plant Study include: 220/115kV transformation at Devers and Mirage Substations, the 115kV buses at Devers and Mirage Substation, Farrell, Garnet, Eisenhower, Thornhill, Tamarisk, Santa Rosa, Indian Wells, Concho 115kV substations, and all 115kV lines interconnecting these substations that were under ISO Operational Control.

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

The 2011 Transmission Plant Study includes the ability to adjust for the Antelope-Bailey System split as part of the EKWRA project. The EKWRA project was forecast for 2013, therefore its was assumed in the development of the Transmission Plant Study for the 2012 CPUC GRC to be completed. The current forecast for the EKWRA project is June 2014. As a result of the EKWRA project the existing Antelope-Bailey will be split into three radial 66kV systems -- one radiating from Bailey, one radiating from Antelope, and a third radiating from a new 500/220/66kV Windhub substation. Post EKWRA, the Bailey-Neenach and Neenach-Antelope 66kV lines will still remain operated in parallel with the CAISO controlled 230kV lines connecting Bailey and Antelope Substations. The following substations and interconnecting 66kV lines will be impacted by the EKWRA project:

Substations affected EKWRA include:

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

3. Current FERC methodology for transformer bank circuit breakers

Pursuant to the Commission's ruling in the Whitewater case (ER02-2189), FERC's current methodology classifies all circuit breakers that connect both ISO controlled operating buses as FERC jurisdiction (either in double breaker or breaker and half scheme). SCE has not implemented this methodology for those circuit breakers classified in the original 1998 split of the transmission system into ISO and non-ISO. This study reflects the current single-line diagram classification and the ISO register.

4. Classification of Distribution Plant

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

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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	Station Equipment	A/C 350 Land & Land Rights	A/C 352 Structures & Improvements	A/C 353 Station Equipment
MOHAVE GENERATING STATION	1320	500KV	-	168,580	9,518,339	9,686,919	-	168,580	9,518,339	-	-	-
INYO	2570	115KV	-	287,755	4,196,329	4,484,084	-	287,755	4,196,329	-	-	-
METRO GOM MAINT	5001	500KV	-	-	10,684,164	10,684,164	-	-	10,684,164	-	-	-
HARBORGEN SUB	5019	220KV	-	18,729	3,340,925	3,359,654	-	18,729	3,340,925	-	-	-
EL SEGUNDO SWITCHRACK SUB	5026 & 1095	220KV	12,470	7,552	1,159,364	1,179,386	12,470	7,552	1,159,364	-	-	-
MIDWAY SUB	5032	500KV	-	3,616	169,990	173,606	-	3,616	169,990	-	-	-
PASTORIA SUB	5036	220KV	21,435	262,284	6,367,297	6,651,017	21,435	262,284	6,367,297	-	-	-
CLWTR SWITCHRACKS 1,2	5044	115KV	-	-	1,486,720	1,486,720	-	-	1,486,720	-	-	-
MOHAVE SWITCHRACK	5045	500KV	-	1,191	3,479,219	3,480,410	-	1,191	3,479,219	-	-	-
RANCHO VISTA SUB	5047	500KV	1,844,367	21,704,876	153,916,859	177,466,102	1,844,367	21,704,876	153,916,859	-	-	-
SYLMAR SUB	5058	750KV	-	19,757	1,802,143	1,821,901	-	19,757	1,802,143	-	-	-
LUGO SUB	5061	500KV	91,031	4,315,224	119,531,651	123,937,906	91,031	4,315,224	119,531,651	-	-	-
PISGAH SUB	5065	220KV	-	67,311	2,283,001	2,350,313	-	67,311	2,283,001	-	-	-
WIND HUB SUB	5079	220KV	-	8,852,776	23,130,586	31,983,362	-	8,852,776	23,130,586	-	-	-
SERRANO SUB	5080	500KV	1,226,475	15,498,111	159,478,455	176,203,041	1,226,475	15,498,111	159,478,455	-	-	-
LEWIS SUB	5089	220KV	1,444	611	3,434,718	3,436,773	1,444	611	3,434,718	-	-	-
EL DORADO SUB(NEVADA)	5090	500KV	13,183	2,756,645	64,092,926	66,862,753	13,183	2,756,645	64,092,926	-	-	-
MEAD SUB	5091	500KV	-	-	12,306	12,306	-	-	12,306	-	-	-
MOENKOPI SUB	5092	500KV	-	-	1,516,885	1,516,885	-	-	1,516,885	-	-	-
WEST SERIES CAPACITORS	5093	500KV	-	738,554	13,375,735	14,114,289	-	738,554	13,375,735	-	-	-
EAST SERIES CAPACITORS 1	5094	500KV	-	852,828	8,168,260	9,021,088	-	852,828	8,168,260	-	-	-
PALO VERDE SWITCHRACK SUB	5097	500KV	-	4,629	2,445,247	2,449,877	-	4,629	2,445,247	-	-	-
MIDWAY-PAC INTERTIE	8932	500KV	-	162,585	13,930,693	14,093,278	-	162,585	13,930,693	-	-	-
PARDEE-PAC INTERTIE	8950	220KV	-	55,269	942,130	997,399	-	55,269	942,130	-	-	-
SYLMAR-PAC INTERTIE	8958	750KV	51,663	7,731,153	119,338,886	127,121,702	51,663	7,731,153	119,338,886	-	-	-
RP&AS,IND&ESMNT REQUIS	9219	Div Offices & Misc	24,094,284	-	-	24,094,284	24,094,284	-	-	-	-	-
FOUR CORNERS(NEW MEX)	1330	500KV	-	56,060	5,136,142	5,192,202	-	-	-	-	56,060	5,136,142
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	-	-	8,680,666	8,680,666	-	-	-	-	-	8,680,666
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
PALO VERDE NUCL GEN PLT-U1	1860	500KV	-	-	2,556,898	2,556,898	-	-	-	-	-	2,556,898
PALO VERDE-UNIT 2	1864	500KV	-	-	2,577,161	2,577,161	-	-	-	-	-	2,577,161
PALO VERDE-UNIT 3	1866	500KV	-	-	2,755,188	2,755,188	-	-	-	-	-	2,755,188
PALO VERDE-COMMON 1,2,3	1867	500KV	7,766	-	1,218,283	1,226,049	-	-	-	7,766	-	1,218,283
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	-	-	2,839,491	2,839,491	-	-	-	-	-	2,839,491
EASTWOOD POWER STATION	2239	220KV	-	627,754	4,435,236	5,062,990	-	-	-	-	627,754	4,435,236
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	259,609	260,992	-	-	-	-	1,383	259,609
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	49,126	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

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
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
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	-	631,783	637,217	-	-	-	5,433	-	631,783
MT. TOM	2598	55kV	-	-	(230)	(230)	-	-	-	-	-	(230)
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 SWITCHCRACK 3,4 SUB	5046	-	48,136	156,227	3,162,424	3,366,787	-	-	-	48,136	156,227	3,162,424
ORMOND BCH SWITCHCRACK 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	28,242,896	29,696,639	-	-	-	13,373	1,440,369	28,242,896
GENE SUB	5066	220kV	-	-	1,335,378	1,335,378	-	-	-	-	-	1,335,378
CAMINO SUB	5068	220kV	-	111,409	4,200,276	4,311,684	-	-	-	-	111,409	4,200,276
VELASCO SUB	5072	220kV	-	-	155,442	155,442	-	-	-	-	-	155,442
HUNTINGTON BCH SWITCHCRCK	5078	220kV	21,660	24,347	3,445,044	3,491,051	-	-	-	21,660	24,347	3,445,044
TRITON SUB	5095	115kV	2,415,092	-	-	2,415,092	-	-	-	2,415,092	-	-
ALHAMBRA SUB	5101	66kV	-	-	295,423	295,423	-	-	-	-	-	295,423
BANDINI SUB	5107	66kV	4,583	-	-	4,583	-	-	-	-	-	-
BICKNELL SUB	5109	33kV & Below	-	-	2,451	2,451	-	-	-	4,583	-	2,451
WABASH (NEW) SUB	5110	66kV	-	6,566	-	6,566	-	-	-	-	6,566	-
EATON SUB	5115	66kV	-	14,554	-	14,554	-	-	-	-	14,554	-
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
ARROYO SUB	5158	66kV	-	-	123	123	-	-	-	-	-	123
AMADOR SUB	5161	66kV	-	40,065	-	40,065	-	-	-	-	40,065	-
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	-	-	89,412	89,412	-	-	-	-	-	89,412
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	-	-	34,422	34,422	-	-	-	-	-	34,422
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
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	-	-
STRATHMORE SUB	5325	66kV	-	-	8,744	8,744	-	-	-	-	-	8,744
VISALIA SUB	5331	66kV	-	-	6,446	6,446	-	-	-	-	-	6,446
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
RANDALL SUB	5601	66kV	-	-	13,566	13,566	-	-	-	-	-	13,566
ORANGE PRODUCTS SUB	5606	66kV	-	13,596	-	13,596	-	-	-	-	13,596	-
INLAND CONTAINER SUB	5612	66kV	-	17,062	-	17,062	-	-	-	-	17,062	-
GANESHA SUB	5617	66kV	-	-	60,711	60,711	-	-	-	-	-	60,711
SAN ANTONIO SUB	5631	66kV	-	-	7,606	7,606	-	-	-	-	-	7,606
TIPPECANOE SUB	5637	33kV & Below	-	14,765	-	14,765	-	-	-	-	14,765	-
COLTON CEMENT SUB	5646	66kV	-	19,747	-	19,747	-	-	-	-	19,747	-
AMERON SUB	5652	66kV	-	-	22,269	22,269	-	-	-	-	-	22,269
WIMBLEDON SUB	5664	66kV	-	-	17,343	17,343	-	-	-	-	-	17,343
VIDEO SUB	5702	66kV	(2,887)	-	-	(2,887)	-	-	-	(2,887)	-	-
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

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
ERIC SUBSTATION	5783	66kV	-	-	10,819	10,819	-	-	-	-	-	10,819
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
BAYSIDE SUBSTATION	5805	66kV	-	-	80,114	80,114	-	-	-	-	-	80,114
CARMENITA SUBSTATION	5814	66kV	-	-	17,758	17,758	-	-	-	-	-	17,758
PARKWOOD SUBSTATION	5816	66kV	-	93,280	-	93,280	-	-	-	-	93,280	-
WAVE SUBSTATION	5828	66kV	-	-	17,259	17,259	-	-	-	-	-	17,259
LA HABRA SUBSTATION	5832	66kV	-	-	17,125	17,125	-	-	-	-	-	17,125
OCEANVIEW SUBSTATION	5842	66kV	-	-	57,621	57,621	-	-	-	-	-	57,621
ALTON SUBSTATION	5860	66kV	241,262	-	-	241,262	-	-	-	241,262	-	-
SULLIVAN SUBSTATION	5862	66kV	-	-	14,802	14,802	-	-	-	-	-	14,802
SHAWNEE SUBSTATION	5869	66kV	-	-	17,289	17,289	-	-	-	-	-	17,289
TUSTIN SUBSTATION	5878	66kV	11,308	-	-	11,308	-	-	-	11,308	-	-
TELEGRAPH SUB	5892	66kV	-	12,560	16,160	28,720	-	-	-	-	12,560	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	-	-
ROADWAY(CEP) SUB	8000	115kV	110,643	489,589	3,071,113	3,671,344	-	-	-	110,643	489,589	3,071,113
PAUBA(CEP) SUB	8003	115kV	106,825	763,111	8,151,807	9,021,743	-	-	-	106,825	763,111	8,151,807
THORNHILL(CEP) SUB	8004	115kV	25,609	965,298	6,875,835	7,866,742	-	-	-	25,609	965,298	6,875,835
STADLER(CEP) SUB	8005	115kV	139,611	761,680	10,956,044	11,857,335	-	-	-	139,611	761,680	10,956,044
PAN AERO (CEP) SUB	8009	115kV	-	-	662,022	662,022	-	-	-	-	-	662,022
PHELANI(CEP) SUB	8010	115kV	154,446	592,230	5,759,302	6,505,978	-	-	-	154,446	592,230	5,759,302
BANWIND SUBSTATION	8011	115kV	-	-	9,847	9,847	-	-	-	-	-	9,847
APPLE VALLEY(CEP) SUB	8013	115kV	-	480,534	8,370,890	8,851,424	-	-	-	-	480,534	8,370,890
BUNKER(CEP) SUB	8014	115kV	969,397	303,295	10,651,622	11,924,314	-	-	-	969,397	303,295	10,651,622
FARREL(CEP) SUB	8016	115kV	-	316,077	7,992,876	8,308,952	-	-	-	-	316,077	7,992,876
CONCHO(CEP) SUB	8017	115kV	285,201	672,863	7,608,904	8,566,968	-	-	-	285,201	672,863	7,608,904
AULD(CEP) SUB	8018	33kV & Below	83,538	1,160,979	16,117,351	17,361,868	-	-	-	83,538	1,160,979	16,117,351
MAXWELL(CEP) SUB	8019	115kV	33,940	363,072	7,635,980	8,032,993	-	-	-	33,940	363,072	7,635,980
SAVAGE(CEP) SUB	8020	115kV	29,280	705,808	12,975,306	13,710,394	-	-	-	29,280	705,808	12,975,306
PEPPER(CEP) SUB	8021	115kV	17,579	43,308	2,103,228	2,164,114	-	-	-	17,579	43,308	2,103,228
YUCCA(CEP) SUB	8022	66kV	19,474	107,680	2,214,434	2,341,589	-	-	-	19,474	107,680	2,214,434
BLACK MOUNTAIN(CEP) SUB	8023	115kV	-	12,014	762,504	774,518	-	-	-	-	12,014	762,504
ALESSANDRO(CEP) SUB	8024	115kV	45,514	703,688	17,693,481	18,442,682	-	-	-	45,514	703,688	17,693,481
BAKER(CEP) SUB	8025	115kV	-	39,566	1,529,014	1,568,580	-	-	-	-	39,566	1,529,014
BANNING(CEP) SUB	8026	115kV	20,210	1,508,584	15,966,452	17,495,245	-	-	-	20,210	1,508,584	15,966,452
COTTONWOOD(CEP) SUB	8027	115kV	22,426	1,089,830	11,178,958	12,291,214	-	-	-	22,426	1,089,830	11,178,958
EDWARDS(CEP) SUB	8028	115kV	-	30,785	2,488,022	2,518,807	-	-	-	-	30,785	2,488,022
HI DESERT(CEP) SUB	8029	66kV	7,644	553,863	4,187,176	4,748,683	-	-	-	7,644	553,863	4,187,176
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	15,922	3,792,504	3,808,426	-	-	-	-	15,922	3,792,504
RANDBURG(CEP) SUB	8031	115kV	116	285,837	5,122,213	5,408,167	-	-	-	116	285,837	5,122,213
ROCKET TEST(CEP) SUB	8032	115kV	-	1,564	279,329	280,893	-	-	-	-	1,564	279,329
SEARLES(CEP) SUB	8033	115kV	-	43,669	2,922,080	2,965,750	-	-	-	-	43,669	2,922,080
ZANIA(CEP) SUB	8035	115kV	152,559	1,480,335	5,590,419	7,223,312	-	-	-	152,559	1,480,335	5,590,419
SANTA ROSA(CEP) SUB	8036	33kV & Below	44,689	446,370	13,590,222	14,081,281	-	-	-	44,689	446,370	13,590,222
NELSON(CEP) SUB	8038	115kV	22,819	182,401	9,464,060	9,669,280	-	-	-	22,819	182,401	9,464,060
HOMART(CEP) SUB	8039	115kV	174,875	353,998	4,702,739	5,231,612	-	-	-	174,875	353,998	4,702,739
HOLGATE(CEP) SUB	8041	115kV	27,167	341,072	2,889,053	3,257,291	-	-	-	27,167	341,072	2,889,053
CALECTRIC SUB (CEP)	8042	115kV	27,870	594,421	8,060,073	8,682,364	-	-	-	27,870	594,421	8,060,073
GARNET SUB	8044	115kV	38,081	69,778	4,163,817	4,271,676	-	-	-	38,081	69,778	4,163,817
IID TIE SUB	8045	115kV	39,144	-	23,873	63,017	-	-	-	39,144	-	23,873
TIEFORT SUB	8047	115kV	-	19,707	763,537	783,244	-	-	-	-	19,707	763,537
USBR BLYTHE SUB	8048	161kV	-	64,681	7,772,339	7,837,020	-	-	-	-	64,681	7,772,339
PUREWATER SUB	8059	115kV	-	-	1,196,851	1,196,851	-	-	-	-	-	1,196,851
SEAWIND T/S	8061	115kV	2,976	463	271,194	274,633	-	-	-	2,976	463	271,194
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	1,046,841	7,481,161	8,694,699	-	-	-	166,697	1,046,841	7,481,161
COOL WATER SWITCHRACK 1,2	8074	115kV	-	-	139,483	139,483	-	-	-	-	-	139,483
HIGHGROVE SWITCHRCK	8075	115kV	7,139	178,624	1,432,134	1,617,896	-	-	-	7,139	178,624	1,432,134
SUN CITY(NEW)	8078	115kV	119,513	1,892,019	7,507,281	9,518,813	-	-	-	119,513	1,892,019	7,507,281
AQUEDUCT SUB	8079	115kV	2,880	899,535	8,998,400	9,900,814	-	-	-	-	899,535	8,998,400
BADLANDS SUB	8081	115kV	104,923	728,130	3,792,568	4,625,621	-	-	-	104,923	728,130	3,792,568
MENTONE SUB	8082	115kV	161,883	697,945	4,042,357	4,902,185	-	-	-	161,883	697,945	4,042,357

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
CAJALCO SUB	8086	115kV	25,836	244,940	8,911,697	9,182,474	-	-	-	25,836	244,940	8,911,697
HESPERIA SUB	8087	115kV	22,150	187,187	4,382,633	4,591,970	-	-	-	22,150	187,187	4,382,633
SKYLARK SUB	8088	115kV	81,206	295,715	9,689,962	10,066,883	-	-	-	81,206	295,715	9,689,962
MAYBERRY SUB	8089	115kV	23,090	257,195	6,177,082	6,457,368	-	-	-	23,090	257,195	6,177,082
PERMANENTE SUB	8090	115kV	-	-	87,113	87,113	-	-	-	-	-	87,113
ELCENTRO TELEMETERING	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	8,394,320	8,838,647	-	-	-	42,272	402,055	8,394,320
ARROWHEAD SUB	8094	115kV	-	284,371	4,861,490	5,145,861	-	-	-	-	284,371	4,861,490
STETSON SUB	8095	115kV	23,493	294,559	7,294,089	7,612,142	-	-	-	23,493	294,559	7,294,089
MARSHCHINO SUB	8096	115kV	27,809	1,576,175	9,081,338	10,685,323	-	-	-	27,809	1,576,175	9,081,338
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	504,359	4,923,981	5,618,226	-	-	-	189,886	504,359	4,923,981
TAMARISK SUB	8099	115kV	125,967	363,862	11,386,603	11,876,432	-	-	-	125,967	363,862	11,386,603
BARSTOW SUB	8110	33kV & Below	-	-	59,447	59,447	-	-	-	-	-	59,447
BLYTHE SUB	8113	33kV & Below	-	-	551,028	551,028	-	-	-	-	-	551,028
BRYMAN SUB	8117	33kV & Below	-	-	6,703	6,703	-	-	-	-	-	6,703
MILITARY SUB	8120	33kV & Below	-	15,598	-	15,598	-	-	-	-	15,598	-
PALM SPRINGS SUB	8124	33kV & Below	-	6,087	-	6,087	-	-	-	-	6,087	-
DOWNS SUB	8137	33kV & Below	-	-	1,963,211	1,963,211	-	-	-	-	-	1,963,211
GLEN IVY SUB	8152	33kV & Below	-	-	35,758	35,758	-	-	-	-	-	35,758
HELENDALE 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
IDYLLWILD SUB	8168	33kV & Below	-	-	41,486	41,486	-	-	-	-	-	41,486
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	-	-	939,381	939,381	-	-	-	-	-	939,381
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	-	17,026	30,776	47,802	-	-	-	-	17,026	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
SUN CITY SUB	8243	33kV & Below	-	3,371	3,371	6,741	-	-	-	-	3,371	3,371
TEMESCAL SUB	8250	33kV & Below	-	-	4,236	4,236	-	-	-	-	-	4,236
WILDE SUB	8267	33kV & Below	-	-	27,796	27,796	-	-	-	-	-	27,796
TENAIA SUBSTATION	8270	115kV	-	1,775,355	8,689,830	10,465,186	-	-	-	-	1,775,355	8,689,830
GALE SUB	8283	33kV & Below	-	-	3,630,063	3,630,063	-	-	-	-	-	3,630,063
FORGE SUB	8297	115kV	-	-	13,127	13,127	-	-	-	-	-	13,127
BUCKWIND	8301	115kV	-	4,640	752,388	757,028	-	-	-	-	4,640	752,388
CAPWIND	8302	115kV	-	-	8,342	8,342	-	-	-	-	-	8,342
RENWIND	8303	115kV	-	15,102	832,521	847,623	-	-	-	-	15,102	832,521
SANWIND	8304	115kV	-	-	104,029	104,029	-	-	-	-	-	104,029
TRANSWIND	8305	115kV	-	25,366	799,240	824,606	-	-	-	-	25,366	799,240
VENWIND	8306	115kV	-	21,039	2,287,050	2,308,089	-	-	-	-	21,039	2,287,050
ALTWIND	8308	115kV	-	1,022	29,919	30,941	-	-	-	-	1,022	29,919
TERAWIND	8310	115kV	-	5,398	176,633	182,031	-	-	-	-	5,398	176,633
INDIGO SUBSTATION	8311	115kV	-	4,899	85,324	90,223	-	-	-	-	4,899	85,324
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	-	-	17,519	17,519	-	-	-	-	-	17,519
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
ELSINORE	8343	115kV	20,961	267,730	11,540,757	11,829,448	-	-	-	20,961	267,730	11,540,757

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
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	12,435,863	12,435,863	-	-	-	222,600	827,991	12,435,863
PECHANGA SUB	8347	115kV	560,579	844,656	10,579,688	11,984,924	-	-	-	560,579	844,656	10,579,688
MORAGA	8348	115kV	40,720	142,523	14,086,189	14,269,432	-	-	-	40,720	142,523	14,086,189
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	85,358	-	-	85,358	-	-	-	85,358	-	-
MOVAL SUBSTATION	8362	115kV	-	210,317	2,609,845	2,820,162	-	-	-	-	210,317	2,609,845
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	327,826	-	-	327,826	-	-	-	327,826	-	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	631	-	-	631	-	-	-	631	-	-
KERN RIVER NO.1	2313	66kV	-	4,184	354,262	358,446	-	2,138	181,856	-	2,046	172,406
CUMMINGS SUB	5357	66kV	-	-	50,025	50,025	-	-	-	-	-	-
MONOLITH SUB	5358	66kV	-	-	1,245,449	1,245,449	-	-	1,142,050	-	-	103,399
ACTON SUB	5365	66kV	24,167	-	-	24,167	3,768	-	-	20,399	-	-
DEL SUR SUB	5508	66kV	-	-	416,587	416,587	-	-	392,256	-	-	24,331
GOLDTOWN SUB	5511	66kV	-	-	485,768	485,768	-	-	472,674	-	-	13,094
LANCASTER SUB	5514	66kV	-	-	1,071,715	1,071,715	-	-	1,039,386	-	-	32,329
LITTLE ROCK SUB	5518	66kV	-	-	1,176,404	1,176,404	-	-	379,881	-	-	796,524
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
ROSAMOND SUB	5541	66kV	-	-	560,192	560,192	-	-	560,192	-	-	-
PIUTE SUB	5545	66kV	-	-	140,209	140,209	-	-	140,209	-	-	-
OASIS SUB	5548	66kV	-	-	618,665	618,665	-	-	395,907	-	-	222,758
CAL CEMENT SUB	5553	66kV	-	4,529	231,735	236,263	-	2,433	231,735	-	2,096	-
PALMDALE SUB	5564	66kV	-	-	713,949	713,949	-	-	688,370	-	-	25,579
QUARTZ HILL SUB	5566	66kV	-	-	189,905	189,905	-	-	189,905	-	-	-
HELIJET SUB	5599	66kV	-	-	488,671	488,671	-	-	346,134	-	-	142,537
RITTER SUB	8504	66kV	942,423	-	-	942,423	351,410	-	-	591,013	-	-
BIG CREEK NO.1	2211	220kV	-	77,314	8,074,041	8,151,355	-	36,940	3,849,584	-	40,374	4,224,458
BIG CREEK NO.2	2212	220kV	-	-	1,516,246	1,516,246	-	-	1,516,246	-	-	-
BIG CREEK NO.8	2229	220kV	-	282,649	2,338,173	2,620,822	-	228,151	1,885,179	-	54,498	452,994
BIG CREEK NO.3	2230	220kV	-	584,235	11,741,535	12,325,770	-	578,154	10,298,078	-	6,081	1,443,457
BIG CREEK NO.2A	2234	220kV	-	-	1,031,434	1,031,434	-	-	1,031,434	-	-	-
BIG CREEK NO.4	2236	220kV	-	-	2,262,432	2,262,432	-	-	2,262,432	-	-	-
CONTROL STATION	2556	115kV	-	1,481,594	14,903,914	16,385,509	-	1,227,397	12,810,000	-	254,197	2,093,915
EAGLE ROCK SUB	5011	220kV	19,613	1,027,026	18,784,496	19,831,134	4,626	244,603	4,428,343	14,987	782,423	14,356,153
MESA SUB	5012	220kV	169,249	6,078,267	39,054,245	45,301,760	47,667	1,696,134	11,014,879	121,582	4,382,133	28,039,366
RIO HONDO SUB	5013	220kV	457,530	1,144,750	47,262,693	48,864,972	58,556	146,508	6,048,787	398,974	998,242	41,213,905
WALNUT SUB	5014	220kV	97,955	2,208,450	23,433,261	25,739,666	24,106	543,482	5,786,114	73,849	1,664,968	17,647,147
GOULD SUB	5015	220kV	29,300	543,598	19,177,067	19,749,965	13,929	258,428	9,116,848	15,371	285,169	10,060,218
LA PRESA SUB	5021	220kV	101,370	4,603,204	34,793,294	39,497,868	30,367	1,379,589	10,413,664	71,003	3,223,615	24,379,630
EL NIDO SUB	5023	220kV	285,620	3,319,375	22,103,612	25,708,606	54,342	631,549	4,205,463	231,277	2,687,826	17,898,149
LA CIENEGA SUB	5024	220kV	2,100,227	3,940,663	15,262,144	21,303,034	838,723	1,573,699	6,094,921	1,261,504	2,366,963	9,167,223
ALAMITOS SWITCHRACK SUB	5025	220kV	63,557	95,628	12,620,772	12,779,957	33,845	50,923	6,720,745	29,712	44,705	5,900,027
LG BCH SWITCHRACK SUB	5027 & 1088	220kV	97,213	1,323,464	5,337,514	6,758,191	58,787	800,325	3,227,701	38,426	523,139	2,109,812
REDONDO SWITCHRACK SUB	5028	220kV	13,018	25,662	5,579,429	5,618,109	8,944	17,631	3,833,295	4,074	8,031	1,746,134
MAGUNDEN SUB	5031	220kV	8,363	1,082,971	14,332,635	15,423,969	7,947	1,029,214	13,618,898	416	53,757	713,737
RECTOR SUB	5033	220kV	393,170	12,235,173	81,933,144	94,561,488	160,490	4,821,856	33,876,468	232,681	7,413,317	48,056,676
SPRINGVILLE SUB	5034	220kV	12,198	845,805	23,068,946	23,926,949	3,568	198,090	6,797,045	8,630	647,716	16,271,901
VESTAL SUB	5035	220kV	7,243	1,318,486	16,947,687	18,273,415	2,026	369,875	4,740,244	5,217	948,611	12,207,443
EAGLE MT. SUB	5040	220kV	-	242,739	7,113,017	7,355,756	-	53,456	1,566,441	-	189,283	5,546,575
CIMA SUB	5043	220kV	1,824	17,123	2,895,549	2,914,495	230	2,162	365,680	1,594	14,960	2,529,868
MANDALAY SWITCHRACK SUB	5048	220kV	49,104	12,099	2,491,870	2,553,073	575	142	29,164	48,530	11,957	2,462,707
PARDEE SUB	5050	220kV	970,263	2,979,886	21,501,880	25,452,029	806,035	2,475,505	17,862,429	164,229	504,381	3,639,451
ANTELOPE SUB	5052	220kV	21,983	1,600,543	69,002,675	70,625,201	21,969	1,599,575	68,960,888	13	968	41,786
SANTA CLARA SUB	5053	220kV	140,739	1,321,401	42,996,614	44,458,754	44,241	402,115	13,545,005	96,498	919,286	29,451,608
GOLETA SUB	5055	220kV	236,194	900,615	18,471,748	19,608,557	39,104	149,089	2,771,173	197,090	751,527	15,700,575
MOORPARK SUB	5056	220kV	184,091	3,495,538	52,928,753	56,608,382	19,240	365,329	5,531,735	164,851	3,130,209	47,397,018
BAILEY SUB	5059	220kV	111,063	895,918	16,844,418	17,851,399	110,067	887,877	16,696,074	997	8,041	148,344

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
PADUA SUB	5060	220kV	149,547	2,130,012	37,435,843	39,715,402	33,769	480,968	8,458,233	115,779	1,649,045	28,977,609
CHINO SUB	5062	220kV	34,465	2,457,704	36,065,298	38,557,466	8,320	574,441	8,725,618	26,144	1,883,263	27,339,680
JULIAN HINDS SUB	5063	220kV	-	2,215	804,742	806,957	-	1,546	561,775	-	669	242,968
VISTA SUB	5064	220kV	52,109	8,031,799	60,916,108	69,000,016	12,412	1,897,774	14,533,291	39,697	6,134,024	46,382,817
DEVERS SUB	5067	500kV	285,546	8,352,642	146,698,826	155,337,013	248,793	7,278,131	131,732,887	36,753	1,074,510	14,965,938
MIRA LOMA SUB	5069	500kV	477,276	12,830,373	151,449,653	164,757,302	381,928	10,307,489	121,153,521	95,348	2,522,883	30,296,132
HINSON SUB	5071	220kV	678,278	560,614	22,188,911	23,427,802	167,261	135,538	5,474,433	511,016	425,075	16,714,478
LIGHTHIE SUB	5073	220kV	164,680	8,573,786	33,207,543	41,946,008	58,796	3,061,116	11,856,156	105,884	5,512,670	21,351,387
LAGUNA BELL SUB	5074	220kV	131,263	1,465,425	39,715,003	41,311,691	36,482	404,087	11,041,410	94,780	1,061,338	28,673,593
DEL AMO SUB	5075	220kV	185,982	714,826	44,410,784	45,311,593	48,621	211,780	11,585,241	137,362	503,047	32,825,543
BARRE SUB	5081	220kV	86,188	1,393,678	43,973,907	45,453,773	15,880	255,834	8,103,161	70,308	1,137,844	35,870,746
VILLA PARK SUB	5082	220kV	270,570	2,990,436	30,308,239	33,569,245	62,510	690,487	7,012,797	208,060	2,299,949	23,295,447
VIEJO SUBSTATION	5083	220kV	13,285,974	8,429,231	28,414,675	50,129,880	1,887,095	1,169,102	4,156,403	11,398,879	7,260,129	24,258,271
CENTER SUB	5084	220kV	72,253	3,484,389	31,951,394	35,508,036	14,072	675,644	6,226,020	58,181	2,808,745	25,725,374
JOHANNA SUB	5085 & 5881	220kV	813,416	3,395,692	14,501,837	18,710,946	254,309	1,061,321	5,097,497	559,107	2,334,372	9,404,340
ELLIS SUB	5086	220kV	59,737	1,262,574	46,404,218	47,726,530	10,239	226,681	7,943,188	49,499	1,035,893	38,461,030
OLINDA SUB	5087	220kV	390,538	1,575,932	21,998,560	23,965,031	75,600	239,457	4,270,057	314,938	1,282,475	17,728,504
SANTIAGO SUB	5088	220kV	557,976	1,623,360	33,283,304	35,464,640	90,406	317,433	5,340,986	467,571	1,305,927	27,942,319
ETIWANDA SWITCHRACK SUB	5096	220kV	186,144	3,595,471	47,196,888	50,978,503	40,848	788,978	10,356,989	145,297	2,806,493	36,839,898
EL CASCO SUBSTATION	8006	220kV	-	35,206,242	46,905,542	82,111,785	-	7,160,592	9,540,110	-	28,045,651	37,365,432
MIRAGE(CEP) SUB	8012	220kV	629,541	4,035,526	29,412,560	34,077,626	168,034	1,095,285	7,724,216	461,506	2,940,241	21,688,344
TORTILLA(CEP) SUB	8037	115kV	17,114	94,615	6,586,445	6,698,174	2,228	12,138	857,763	14,885	82,477	5,728,682
VICTOR SUB	8049	220kV	22,088	5,330,122	58,593,736	63,945,946	18,832	5,151,040	49,348,358	3,257	179,081	9,245,378
CHEVMAIN	8063	220kV	-	253,576	15,410,458	15,664,033	-	59,734	3,630,204	-	193,841	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	630,433	26,686,331	27,365,576	28,585	342,807	15,657,528	20,226	287,627	11,028,803
Vincent	5054 & 8954	500kV	134,360	6,652,927	112,856,441	119,643,728	132,175	6,545,404	111,020,616	2,185	107,522	1,835,825
Valley & Valley - CEP	5070 & 8034	500kV	314,771	34,639,547	170,823,495	205,777,813	159,283	22,182,377	83,169,042	155,487	12,457,170	87,654,454
San Onofre Switchrack	8051-8055	220kV	-	3,441,217	18,545,011	21,986,228	-	1,973,284	10,632,542	-	1,467,933	7,912,469
San Bernardino-220kv Switchyard & 220	8076 & 1999	115kV	302,392	3,850,234	35,797,856	39,950,482	105,359	835,254	13,200,615	197,033	3,014,980	22,597,241
MIDWAY-VINCENT LINES 1&2	4026	500kV	2,910,822	-	27,105	2,937,927	2,910,822	-	27,105	-	-	-
DWP-EDSN CELILO-SYLMR LN	4031	750kV	-	95,841	-	95,841	-	95,841	-	-	-	-
DWP-EDSN CELILO-SYLMR LN	4034	750kV	-	541	-	541	-	541	-	-	-	-
PARDEE-SYLMR LINES 1&2	4045	-	179,131	-	-	179,131	179,131	-	-	-	-	-
EAGLE ROCK-SYLMR LNE	4046	220kV	186,657	-	-	186,657	186,657	-	-	-	-	-
PARDEE-VINCENT LINE CONST	4059	220kV	13,002	-	-	13,002	13,002	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4070	220kV	61,040	-	-	61,040	61,040	-	-	-	-	-
MANY TRANSMISSION LINES	4101	220kV	1,458,517	278,181	98,475	1,835,173	1,418,562	270,518	95,762	39,955	7,663	2,713
COGEN/RENEWABLE ENERGY SO	4102	-	1,466,128	-	-	1,466,128	777,708	-	-	688,420	-	-
DEVERS-HINS LN, OTHERS	4104	-	1,331,335	-	-	1,331,335	1,253,514	-	-	77,821	-	-
33 AND 66 KV LINES	4105	66kV	31,669,556	307,314	1,071,634	33,048,505	3,469,110	122,153	116,166	28,200,445	185,162	955,468
COGEN/RENEW ENGY SOURCES	4106	-	563,121	-	-	563,121	1,303	-	-	561,818	-	-
ANTELOPE/MESA LINE, OTHER	4107	220kV	2,639,357	303,336	-	2,942,693	2,399,013	296,716	-	240,344	6,621	-
CHINO-SERRANO/SN ONFRE LN	4108	220kV	8,067,991	3,035,777	-	11,103,767	8,067,991	3,035,777	-	-	-	-
BIG CRK 3-BIG CRK 4	4111	220kV	1,944	-	-	1,944	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	220kV	874,872	-	-	874,872	866,528	-	-	8,344	-	-
ALAMITOS-MESA LN, OTHERS	4114	220kV	3,210,578	534,060	661,182	4,405,820	3,063,761	514,836	630,945	146,817	19,224	30,237
HINSON-LIGHTHIE 1&2	4115	220kV	1,607,024	531,635	2,149	2,140,808	1,607,024	531,635	2,149	-	-	-
HINSON-LAFRESA, OTHERS	4116	220kV	3,594,552	174,910	2,065	3,771,528	3,594,622	174,910	2,065	(69)	0	-
ELDRDO-CIMA-PISGAH LN1,2	4117	220kV	1,005,476	7,084	12,857	1,025,417	1,005,509	7,084	12,857	(33)	0	-
MRA LMA-VLL PK LNS, OTHR	4118	220kV	5,639,405	134,435	2,260	5,776,099	5,239,035	124,516	2,093	400,370	9,919	167
CENTER-MESA LN, OTHERS	4119	220kV	2,099,654	71,860	101	2,171,615	1,793,707	61,385	86	305,947	10,475	15
ALAMITOS-CENTER, OTHERS	4120	220kV	4,270,244	298,150	3,380	4,571,774	3,695,472	258,018	2,925	574,772	40,131	455
BIG CREEK 4-SPRNGVLL-MGDN	4121	220kV	353,928	-	-	353,928	353,928	-	-	-	-	-
LUGO-VINCENT LINES 1&2	4123	500kV	1,734,921	-	16,633	1,751,554	1,734,921	-	16,633	-	-	-
BIG CRK 1-CMP TEN-...PRTL	4124	-	485	-	-	485	-	-	-	485	-	-
GOLETA-SNTA CLARA, OTHERS	4125	220kV	11,414,612	1,761,946	1,918	13,178,476	8,492,875	1,316,772	1,427	2,921,737	445,173	491
NORTH BOULDER-MEAD, OTHER	4127	-	19,842	-	-	19,842	19,842	-	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	66kV	38,460	-	-	38,460	-	-	-	38,460	-	-
MOHAVE-LUGO 500KV	4130	500kV	157,990	-	-	157,990	157,990	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	-	3,146	-	-	3,146	3,132	-	-	14	-	-
BOREL-...-WALKER 66KV LN	4133	66kV	53,165	-	-	53,165	-	-	-	53,165	-	-
LUGO-VICTOR LNS, OTHER	4135	-	2,211,889	-	-	2,211,889	1,443,554	-	-	768,335	-	-
LUGO-ELDORADO LN	4136	500kV	1,330,373	-	-	1,330,373	-	-	-	-	-	-
LUGO-ELDORADO LN	4137	500kV	16,589	-	-	16,589	16,589	-	-	-	-	-
LUGO-MIRA LOMA 2&3	4138	500kV	9,600,704	-	98	9,600,802	9,605,387	-	98	(4,683)	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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
SPRGVLL-TULE 66KV LN	4139	66kV	517	-	-	517	-	-	-	517	-	-
MOHAVE-LUGO 500 KV LN	4140	500kV	278,112	-	-	278,112	278,112	-	-	-	-	-
MOHAVE-ELDORADO LN	4141	500kV	76,199	-	-	76,199	76,199	-	-	-	-	-
BOREL-WELDON 66KV LN	4142	66kV	25,409	-	-	25,409	-	-	-	25,409	-	-
ELDORADO-BORDER 500 KV LN	4143	500kV	6,167	-	-	6,167	6,167	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	220kV	9,994	-	-	9,994	9,994	-	-	-	-	-
VINCENT-PARDEE LN 2	4147	220kV	3,854,651	-	1,880	3,856,531	3,855,188	-	1,880	(536)	-	-
MIRA LOMA-SERRANO LN	4148	500kV	1,696,736	-	-	1,696,736	1,696,736	-	-	-	-	-
SANTA ANA LNS 1, 2, 3	4149	-	232	-	-	232	-	-	-	232	-	-
VINCENT-PEARBLOSSOM LN	4153	220kV	309,032	-	-	309,032	-	-	-	309,032	-	-
LUGO-VICTORVLL EDSON-DWP	4154	500kV	751,549	-	-	751,549	751,549	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	500kV	2,956,983	-	-	2,956,983	2,956,983	-	-	-	-	-
ELLIS-SANTIAGO LNS 1, 2	4156	220kV	12,019,808	-	-	12,019,808	12,025,290	-	-	(5,482)	-	-
RIO HONDO-VINCENT LN 2	4157	220kV	105,605	18,610	-	124,216	105,605	18,610	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158	-	498,252	-	-	498,252	-	-	-	498,252	-	-
BIG CRK 2-BIG CRK 8	4166	220kV	9,034	-	-	9,034	9,034	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	220kV	4,331	-	-	4,331	-	-	-	4,331	-	-
BIG CRK 1-RECTOR, OTHER	4169	220kV	3,565,382	-	2,701	3,568,084	3,452,749	-	2,616	112,633	-	85
DEVERS-PALO VERDE	4185	500kV	12,533,939	-	-	12,533,939	12,546,476	-	-	(12,537)	-	-
DEVERS-PALO VERDE	4186	500kV	1,193,710	-	-	1,193,710	1,194,335	-	-	(624)	-	-
DEVERS-VALLEY LNS 1, 2	4187	500kV	10,444,073	-	-	10,444,073	10,444,073	-	-	-	-	-
SERRANO-VALLEY LN	4188	500kV	2,855,826	8,043	-	2,863,870	2,858,639	8,043	-	(2,813)	0	-
SERRANO-VILLA PK LN 1, 2, 3	4189	220kV	78,248	-	-	78,248	78,248	-	-	-	-	-
VARIOUS 66KV LINES	4200	66kV	-	465,310	-	465,310	-	-	-	-	465,310	-
E.MAGUNDEN-ANTELOPE 220KV	4207	220kV	-	25,798	-	25,798	-	-	-	-	25,798	-
ANTELOPE-MESA 220 KV LN	4307	220kV	-	23,142	-	23,142	-	-	-	-	23,142	-
EAGLE ROCK-MESA 220KV LN	4314	220kV	-	5,449	-	5,449	-	-	-	-	5,449	-
CENTER-MESA 220KV LN	4319	220kV	-	-	-	-	-	-	-	-	-	-
MESA-REDONDO 220KV LN	4414	220kV	-	-	-	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	220kV	-	-	-	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	220kV	-	-	-	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	115kV	-	-	256,666	256,666	-	-	-	-	-	256,666
33&66KV LNS IN NRTHEN T/S	4605	-	-	235,738	-	235,738	-	-	-	-	235,738	-
MOORPARK-PARDEE 200KV LN	4625	115kV	-	7,825	-	7,825	-	-	-	-	7,825	-
EASTERN T/S REG	4700	Transmission Line	33,305	-	1,233	34,538	-	-	-	33,305	-	1,233
CORONA-JEFFERSON 66 KV LN	4705	66kV	243,215	3,296	-	246,510	94,331	1,278	-	148,884	2,017	-
LEE VINING-LUNDY 55K 4771	4730	55kV	10,585	-	-	10,585	-	-	-	10,585	-	-
BISHOP CRK55&115KV LINES	4735	-	138	-	-	138	-	-	-	138	-	-
115 KV LNS, ESTN T/S REG	4750	115kV	14,315,889	2,902	173,059	14,491,850	3,933,969	797	118,009	10,381,920	2,105	55,051
DEVERS-SN BRDNO 220 KV LN	4756	220kV	1,079,577	-	-	1,079,577	1,079,559	-	-	18	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	161kV	33,310	-	-	33,310	33,310	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781	115kV	1,277	-	-	1,277	1,277	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4782	115kV	165,196	-	-	165,196	165,196	-	-	-	-	-
TOTAL TRANSMISSION SUBSTATIONS			238,550,302	327,516,032	3,349,936,160	3,916,002,494	156,584,769	167,375,769	1,719,646,506	81,965,533	160,140,263	1,630,289,654

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 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		
Recalc based on all other TS locations														
Allocation % to use														
MOUNTAINVIEW POWER-COMMON	1250		-	-	23,588,992	23,588,992	-	1	1	1	0	0	0	
PALOVERDE-SWITCHYARD	1869	500kV	-	2,465,520	7,901,074	10,366,594	-	-	-	12,109,105	-	-	11,479,887	
SHAVER LAKE (FP 67)	2120	66kV	(267)	-	-	(267)	(175)	-	-	4,055,915	-	1,205,526	3,845,160	
MET T/S REGION	4300	Transmission Line	-	131,348	14,696	146,044	-	-	67,125	7,544	-	64,223	7,152	
COASTAL T/S REGION	4400	Transmission Line	3,127	-	12,363	15,490	2,053	-	-	6,347	1,074	-	6,017	
EASTERN T/S REGION	4500	Transmission Line	-	41,481	21,657	63,138	-	-	21,199	11,117	-	20,282	10,539	
NRTHN T/S REGION	4600	Transmission Line	-	106,618	21,515	128,133	-	-	54,487	11,044	-	52,131	10,470	
VAR. TRANS. LINES-S/E DIV	4800	Transmission Line	2,931	32,032	3,630	38,593	1,924	-	16,370	1,863	1,007	15,662	1,766	
S/E DIV., 66KV LINES	4805	66kV	-	118,500	-	118,500	-	-	60,559	-	-	57,941	-	
SUBSTN DIV	5000	Misc	-	-	3,270,205	3,270,205	-	-	-	1,678,717	-	-	1,591,487	
NO. T/S REG OFC/VALENCIA	5038	Misc	123,342	3,713,424	-	3,836,766	80,962	1,897,731	-	-	42,380	1,815,693	-	
METRO REGION	5100	-	-	-	621,997	621,997	-	-	-	319,294	-	-	302,703	
NEENACH SUB	5556	66kV	-	-	22,914	22,914	-	-	-	11,762	-	-	11,151	
CATALINA SERVICE CENTER	6061	CSTMR SRVC FAC.	44,055	-	-	44,055	28,917	-	-	-	15,137	-	-	
BARSTOW NO RGN-SAN BERDOO	6072	CSTMR SRVC FAC.	-	7,617	-	7,617	-	-	3,893	-	-	3,724	-	
VENTURA COUNTY	7056	-	-	-	74,798	74,798	-	-	-	38,397	-	-	36,401	
B&A-T/S 3RD FLOOR-GO3	9010	Misc	-	-	23,237	23,237	-	-	-	11,929	-	-	11,309	
CHINO OFC BLDG (FACILITY)	9024	-	-	373,558	-	373,558	-	-	190,905	-	-	182,652	-	
TRANS/SUB SUPPORT SERV	9047	Div Offices & Misc	-	-	32,925,651	32,925,651	-	-	-	16,901,958	-	-	16,023,693	
FUELS	9203	Misc	-	-	341,890	341,890	-	-	-	175,505	-	-	166,385	
CONTROL SYS SEC-ALHAMBRA	9243	Div Offices & Misc	-	-	2,970,011	2,970,011	-	-	-	1,524,617	-	-	1,445,394	
Total Locations Reclam'd			173,187	6,990,098	71,814,627	78,977,913	113,680	3,572,262	36,865,112	59,507	3,417,836	34,949,515		
Total Transmission Substations			238,723,490	334,506,130	3,421,750,787	3,994,980,407	156,698,450	170,948,030	1,756,511,619	82,025,040	163,558,100	1,665,239,169		
ISO/Non-ISO/Mix/Trans Line Summary			ISO Total	27,356,353	63,510,035	727,802,828	818,669,216	27,356,353	63,510,035	727,802,828				
			Non-ISO Total	16,354,695	34,873,768	555,636,276	606,864,739					16,354,695	34,873,768	555,636,276
			Mix Total	25,896,462	220,801,046	2,064,161,660	2,310,859,167	6,811,350	97,026,301	990,810,863	19,085,112	123,774,745	1,073,350,797	
			Trans Line Total	168,942,793	8,331,183	2,335,397	179,609,372	122,417,066	6,839,432	1,032,816	46,525,726	1,491,751	1,302,580	
			Allocation Total	173,187	6,990,098	71,814,627	78,977,913	113,680	3,572,262	36,865,112	59,507	3,417,836	34,949,515	

g File 2012-01-31.xlsx Year End Balances - C1183:E1183

Check	238,723,490	334,506,130	3,421,750,787
	-	-	-

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
				350	352	353	354	355	356	357	358	359		
<u>1000kV TRANSMISSION LINES</u>														
CELILO-SYLMAR HV DC - CALIF.	4031	336.18	336.18	0	95,841	0	27,220,053	0	14,611,108	0	0	136,841	42,063,842	
CELILO-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 CELILO-SYLMAR		625.90	625.90	0	96,382	0	34,918,660	0	20,242,535	0	0	805,712	56,063,288	
TOTAL 1000kV T/L'S														
		625.90	625.90	0	96,382	0	34,918,660.09	0	20,242,535	0	0	805,712	56,063,288	
<u>500kV TRANSMISSION LINES</u>														
DEVERS-PALO VERDE - CALIF.	4185	126.45	126.45	12,546,476	0	0	28,772,328	805	21,381,649	0	1,151,660	453,081	64,305,999	
DEVERS-PALO VERDE - ARIZONA	4186	112.05	112.05	1,194,335	0	0	17,297,411	0	25,189,675	0	0	147,245	43,828,665	
TOTAL DEVERS-PALO VERDE		238.50	238.50	13,740,810	0	0	46,069,739	805	46,571,324	0	1,151,660	600,326	108,134,664	
DEVERS-VALLEY	4187	41.60	41.60	10,444,073	0	0	21,195,906	0	11,949,087	0	0	4,790,336	48,379,402	
ELDORADO-LUGO - CALIF.	4136	150.67	150.67	1,330,373	0	0	12,189,960	0	10,420,732	0	0	117,747	24,058,812	
ELDORADO-LUGO - NEVADA	4137	26.51	26.51	16,589	0	0	2,027,936	0	1,784,137	0	0	20,088	3,848,751	
TOTAL ELDORADO-LUGO		177.18	177.18	1,346,962	0	0	14,217,897	0	12,204,869	0	0	137,835	27,907,563	
ELDORADO-MCCULLOUGH (SCE PORTION)	N/A	0.60											N/A	
ELDORADO-MOENKOPI (SCE PORTION)	4143	29.65	29.65	6,167	0	0	2,588,095	0	1,880,705	0	0	145,064	4,620,032	
ELDORADO-MOHAVE	4141	59.39	59.39	76,199	0	0	1,155,538	0	1,251,359	0	0	55,916	2,539,013	
LAUGHLIN-MOHAVE (SCE PORTION)	N/A	0.22											N/A	
LUGO-MOHAVE - NEVADA	4130	9.85	9.85	157,990	0	0	420,632	0	517,455	0	0	19,051	1,115,128	
LUGO-MOHAVE - CALIF.	4140	165.96	165.96	278,112	0	0	12,178,545	1,375,948	9,649,510	0	0	329,333	23,811,447	
TOTAL LUGO-MOHAVE		175.81	175.81	436,101	0	0	12,599,178	1,375,948	10,166,965	0	0	348,384	24,926,575	
LUGO-MIRA LOMA No.2	4138	30.59	96.51	3,044,536	0	31	8,352,557	37,477	5,848,513	0	0	200,592	17,483,706	
LUGO-MIRA LOMA No. 3	4138	31.42	96.51	3,127,506	0	32	8,580,180	38,499	6,007,896	0	0	206,058	17,960,170	
LUGO-RANCHO VISTA	4138	26.97	96.51	2,684,780	0	27	7,365,580	33,049	5,157,425	0	0	176,889	15,417,750	
MIRA LOMA-RANCHO VISTA	4138	7.52	96.51	748,566	0	8	2,053,659	9,215	1,437,985	0	0	49,320	4,298,753	
TOTAL LUGO-MIRA LOMA		96.51	96.51	9,605,387	0	98	26,351,975	118,240	18,451,820	0	0	632,859	55,160,380	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	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	2,668,751	
LUGO-VINCENT No. 1	4123	47.16	94.39	866,927	0	8,311	3,876,289	0	3,569,521	0	0	945	8,321,994	
LUGO-VINCENT No. 2	4123	47.22	94.39	867,994	0	8,322	3,881,056	0	3,573,911	0	0	946	8,332,228	
MIDWAY-VINCENT No. 1	4026	112.70	225.49	1,454,773	0	13,546	9,645,438	42,661	11,465,681	0	0	397,593	23,019,693	
MIDWAY-VINCENT No. 2	4026	112.80	225.49	1,456,049	0	13,558	9,653,903	42,698	11,475,743	0	0	397,942	23,039,894	
MIDWAY-VINCENT No. 3 (SCE PORTION)	4155	52.62	52.62	2,956,983	0	0	7,540,671	0	4,581,493	0	0	187,772	15,266,920	
MIRA LOMA-SERRANO No. 1 & 2	4148	28.75	28.75	1,696,736	0	0	18,384,826	0	7,820,475	0	0	252,983	28,155,020	
SERRANO-VALLEY	4188	40.52	40.52	2,858,639	8,043	0	22,909,118	515,653	14,833,343	0	0	2,448,260	43,573,057	
MIRA LOMA SUBSTATION	5069			Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	98,999	43,265	0	0	0	142,264	
VALLEY SUB	5070			Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	3,572	1,754	0	0	0	5,326	
SERRANO SUB	5080			Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	0	0	0	0	2,236,590	2,236,590	
EL DORADO SUB	5090			Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	0	0	0	0	92,479	92,479	
SYLMAR-PAC INTERTIE	8958			Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	2,505,376	0	359,913	0	0	0	2,865,290	
TOTAL 500kV T/L'S		1,268.80	1,587.86	48,565,351	8,043	43,836	203,732,583	2,198,575	160,960,854	0	1,151,660	12,726,232	429,387,134	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.									
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL
<u>220kV TRANSMISSION LINES</u>													
ANTELOPE WINDHUB (\$56M)	4708	25.70	25.70	0	0	0	13,746,933	30,818,084	19,251,107	0	0	0	63,816,124
ANTELOPE-PARDEE (\$132M) <i>Built as 500kV energized as 220</i>	4644	26.39	26.39	0	0	0	27,679,226	2,721,999	13,931,304	0	0	89,385,747	133,718,276
ALAMITOS-BARRE NO. 1	4120	15.35	124.67	525,751	36,708	416	748,381	108,427	694,196	32	0	4,115	2,118,025
ALAMITOS-BARRE No. 2	4120	15.40	124.67	527,460	36,827	417	750,814	108,779	696,453	32	0	4,128	2,124,910
ALAMITOS-CENTER	4120	11.47	124.67	392,854	27,429	311	559,209	81,019	518,721	24	0	3,075	1,582,641
ALAMITOS-LIGHTHIPE	4120	11.84	124.67	405,469	28,310	321	577,165	83,621	535,377	24	0	3,173	1,633,461
ANTELOPE-VINCENT No. 1&2 (\$88M)	4712	21.52	21.52	0	0	0	90,778,825	0	9,514,635	0	0	0	100,293,460
ANTELOPE-MAGUNDEN No. 1	4107	59.25	270.79	577,577	71,436	0	1,944,874	0	1,490,900	0	0	183,022	4,267,809
ANTELOPE-MAGUNDEN No. 2	4107	59.27	270.79	577,747	71,457	0	1,945,445	0	1,491,338	0	0	183,075	4,269,062
ANTELOPE-MESA (DISCONNECTED)	4107	60.44	270.79	589,205	72,874	0	1,984,026	0	1,520,914	0	0	186,706	4,353,726
BAILEY-PARDEE	4101	26.90	354.28	110,762	21,122	7,477	1,693,233	104,939	2,311,537	0	0	88,632	4,337,701
BAILEY-PASTORIA	4101	12.40	354.28	51,048	9,735	3,446	780,383	48,364	1,065,349	0	0	40,849	1,999,174
BARRE-ELLIS	4120	12.73	124.67	435,922	30,436	345	620,514	89,901	575,587	26	0	3,412	1,756,144
BARRE-LEWIS	4118	5.02	155.75	177,668	4,223	71	562,343	7,703	455,339	0	0	5,929	1,213,276
BARRE-VILLA PARK	4118	8.99	155.75	318,544	7,571	127	1,008,235	13,811	816,386	0	0	10,630	2,175,304
BIG CREEK 1-BIG CREEK 2	4169	4.49	297.62	53,819	0	41	131,703	6,015	91,565	0	0	1,602	284,745
BIG CREEK 1-RECTOR	4169	74.35	297.62	890,673	0	675	2,179,607	99,536	1,515,341	0	0	26,518	4,712,350
BIG CREEK 2-BIG CREEK 3	4169	7.41	297.62	88,737	0	67	217,153	9,917	150,972	0	0	2,642	469,488
BIG CREEK 2-BIG CREEK 8	4166	1.70	9.03	1,705	0	0	30,963	0	25,750	0	0	0	58,418
BIG CREEK 3-BIG CREEK 4	4111	5.79	5.79	1,944	0	0	133,734	0	155,710	0	0	29,429	320,815

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL		
				350	352	353	354	355	356	357	358	359			
BIG CREEK 3-BIG CREEK 8	4166			7.32	9.03	7,329	0	0	133,088	0	110,681	0	0	0	251,097
BIG CREEK 3-RECTOR	4169			64.34	297.62	770,714	0	584	1,886,049	86,130	1,311,249	0	0	22,946	4,077,672
BIG CREEK 3-SPRINGVILLE	4113			76.70	129.55	517,949	0	0	1,090,071	122,064	1,273,128	0	0	373,581	3,376,793
BIG CREEK 4-SPRINGVILLE	4121			83.52	135.41	218,296	0	0	1,234,281	114,861	1,265,884	0	0	88,630	2,921,952
CENTER-DEL AMO	4120			6.19	124.67	211,895	14,795	168	301,622	43,700	279,784	13	0	1,658	853,635
CENTER-MESA	4119			12.46	137.65	190,094	6,505	9	717,768	7,711	1,344,075	0	0	4,747	2,270,910
CENTER-OLINDA	4119			18.77	137.65	286,405	9,801	14	1,081,421	11,618	2,025,044	0	0	7,151	3,421,454
CHEVMAIN-EL NIDO	4116	OH		1.25	90.45	49,024	2,385	28	44,331	139,672	93,418	0	0	185	329,043
CHEVMAIN-EL NIDO	4116	UG		0.48	0.95	18,731	911	11	0	0	0	90,294	228,414	71	338,432
TOTAL CHEVMAIN-EL NIDO				1.72	91.41	67,755	3,297	39	44,331	139,672	93,418	90,294	228,414	256	667,475
CHEVMAIN-EL SEGUNDO	4116			1.78	90.45	69,906	3,402	40	63,214	199,166	133,209	0	0	264	469,201
CHINO-MIRA LOMA No.1	4117			9.30	305.18	30,630	216	392	467,081	21,125	603,741	0	0	4,605	1,127,791
CHINO-MIRA LOMA No. 2	4118			6.68	155.75	236,809	5,628	95	749,533	10,267	606,911	0	0	7,903	1,617,145
CHINO-MIRA LOMA No. 3	4118			6.79	155.75	240,571	5,718	96	761,440	10,430	616,552	0	0	8,028	1,642,836
CHINO-SERRANO	4108			24.84	169.20	1,184,402	445,660	0	2,072,083	228,788	2,077,388	16	0	66,668	6,075,005
CHINO-VIEJO	4108			25.41	169.20	1,211,660	455,917	0	2,119,771	234,054	2,125,198	16	0	68,202	6,214,817
CIMA-ELDORADO-PISGAH No. 1 - CALIF.	4117			82.42	305.18	271,546	1,913	3,472	4,140,796	187,281	5,352,320	0	0	40,822	9,998,150
CIMA-ELDORADO-PISGAH No. 1 - NEVADA	4127			26.92	85.09	6,279	0	0	204,931	0	173,969	0	0	1,647	386,825
TOTAL CIMA-ELDORADO-PISGAH No.1				109.34	390.27	277,824	1,913	3,472	4,345,727	187,281	5,526,288	0	0	42,470	10,384,975
CIMA-ELDORADO-PISGAH No. 2 - CALIF.	4117			82.68	305.18	272,413	1,919	3,483	4,154,029	187,880	5,369,425	0	0	40,953	10,030,103
CIMA-ELDORADO-PISGAH No. 2 - NEVADA	4127			27.03	85.09	6,303	0	0	205,726	0	174,644	0	0	1,653	388,327
TOTAL CIMA-ELDORADO-PISGAH No.2				109.71	390.27	278,716	1,919	3,483	4,359,756	187,880	5,544,069	0	0	42,606	10,418,430

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
				350	352	353	354	355	356	357	358	359		
COACHELLA VALLEY-DEVERS	4109	0.38	0.38											N/A
DEL AMO-ELLIS	4120	22.50	124.67	770,517	53,798	610	1,096,794	158,906	1,017,384	46	0	6,030	3,104,084	
DEL AMO-HINSON	4115	6.04	27.07	358,848	118,714	480	803,685	88,115	468,090	0	0	6,122	1,844,053	
DEL AMO-HINSON	4120	6.22	124.67	212,933	14,867	169	303,100	43,914	281,155	13	0	1,666	857,816	
TOTAL DEL AMO-HINSON		12.26	151.74	571,780	133,581	648	1,106,784	132,029	749,244	13	0	7,789	2,701,869	
DEL AMO-LAGUNA BELL	4114	7.00	129.55	173,365	29,132	35,702	730,732	7,987	522,813	0	0	16,425	1,516,156	
DEL AMO-LAGUNA BELL	4120	6.21	124.67	212,673	14,849	168	302,729	43,860	280,811	13	0	1,664	856,767	
TOTAL DEL AMO-LAGUNA BELL		13.20	254.23	386,038	43,981	35,871	1,033,461	51,847	803,623	13	0	18,089	2,372,923	
DEVERS-MIRAGE	4104	15.23	143.65	141,117	0	0	616,500	18,672	332,151	0	0	24,421	1,132,861	
DEVERS-SAN BERNARDINO No.1	4104	43.27	143.65	400,921	0	0	1,751,511	53,047	943,659	0	0	69,382	3,218,521	
DEVERS-EL CASCO	4104	2.32	143.65	21,520	0	0	94,015	2,847	50,653	0	0	3,724	172,760	
DEVERS-EL CASCO	4756	27.23	120.31	244,326	0	0	1,574,903	128,588	1,042,079	0	0	26,995	3,016,892	
TOTAL DEVERS-EL CASCO		29.55	263.95	265,846	0	0	1,668,919	131,436	1,092,732	0	0	30,719	3,189,651	
EL CASCO-SAN BERNARDINO	4104	1.09	143.65	10,072	0	0	44,001	1,333	23,706	0	0	1,743	80,855	
EL CASCO-SAN BERNARDINO	4756	12.74	120.31	114,349	0	0	737,087	60,182	487,714	0	0	12,634	1,411,967	
TOTAL EL CASCO-SAN BERNARDINO		13.83	263.95	124,421	0	0	781,088	61,515	511,421	0	0	14,377	1,492,822	
DEVERS-VISTA No. 1	4104	4.99	143.65	46,208	0	0	201,868	6,114	108,760	0	0	7,997	370,946	
DEVERS-VISTA No. 1	4756	40.30	120.31	361,616	0	0	2,330,949	190,318	1,542,338	0	0	39,955	4,465,176	
TOTAL DEVERS-VISTA No. 1		45.29	263.95	407,824	0	0	2,532,817	196,432	1,651,098	0	0	47,951	4,836,122	
DEVERS-VISTA No. 2	4104	4.99	143.65	46,194	0	0	201,807	6,112	108,727	0	0	7,994	370,834	
DEVERS-VISTA No. 2	4756	40.04	120.31	359,268	0	0	2,315,812	189,082	1,532,322	0	0	39,695	4,436,179	
TOTAL DEVERS-VISTA No. 2		45.02	263.95	405,462	0	0	2,517,619	195,194	1,641,049	0	0	47,689	4,807,013	
EAGLE ROCK-MESA	4101	2.54	354.28	10,438	1,990	705	159,565	9,889	217,832	0	0	8,352	408,771	
EAGLE ROCK-MESA	4114	22.06	129.55	546,716	91,870	112,590	2,304,401	25,189	1,648,718	0	0	51,796	4,781,280	
TOTAL EAGLE ROCK-MESA		24.60	483.83	557,154	93,861	113,294	2,463,966	35,078	1,866,550	0	0	60,148	5,190,051	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	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	192,125	36,638	12,970	2,937,053	182,025	4,009,553	0	0	153,739	7,524,102
EAGLE ROCK-PARDEE	4114	4.60	129.55	114,049	19,165	23,487	480,716	5,255	343,936	0	0	10,805	997,413
TOTAL EAGLE ROCK-PARDEE		51.26	483.83	306,175	55,803	36,457	3,417,769	187,279	4,353,489	0	0	164,544	8,521,515
EAGLE ROCK-SYLMAR	4046	1.79	1.79	186,657	0	0	214,409	0	62,108	0	0	0	463,174
EAGLE ROCK-SYLMAR	4101	23.68	354.28	97,496	18,592	6,582	1,490,437	92,370	2,034,689	0	0	78,016	3,818,183
TOTAL EAGLE ROCK-SYLMAR		25.47	356.07	284,153	18,592	6,582	1,704,846	92,370	2,096,797	0	0	78,016	4,281,357
EL NIDO-EL SEGUNDO	4116 OH	2.90	90.45	114,050	5,550	66	103,131	324,934	217,327	0	0	430	765,488
EL NIDO-EL SEGUNDO	4116 UG	0.48	0.95	18,731	911	11	0	0	0	90,294	228,414	71	338,432
TOTAL EL NIDO-EL SEGUNDO		3.38	91.41	132,781	6,461	76	103,131	324,934	217,327	90,294	228,414	501	1,103,920
EL NIDO-LA CIENEGA	4116	8.70	90.45	342,173	16,650	197	309,416	974,869	652,027	0	0	1,291	2,296,621
EL NIDO-LA FRESA No. 3	4116	3.87	90.45	152,200	7,406	87	137,630	433,626	290,024	0	0	574	1,021,548
EL NIDO-LA FRESA No. 4	4116	4.00	90.45	157,159	7,647	90	142,114	447,755	299,474	0	0	593	1,054,832
ELDORADO-MEAD No. 1	4144	15.29	30.64	4,988	0	0	236,417	0	214,227	0	0	511	456,143
ELDORADO-MEAD No. 2	4144	15.35	30.64	5,006	0	0	237,257	0	214,988	0	0	513	457,763
ELDORADO-MERCHANT	4102	0.30	8.43	52,682	0	0	74,924	17,984	49,986	0	0	0	195,576
ELLIS-JOHANNA	4156	6.40	29.49	2,608,028	0	0	490,731	1,404,683	644,417	0	0	8,298	5,156,158
ELLIS-SANTIAGO	4156	14.76	29.49	6,016,355	0	0	1,132,048	3,240,408	1,486,580	0	0	19,143	11,894,534
ETIWANDA-RANCHO VISTA No1	4119	0.46											
MIRA LOMA-RANCHO VISTA No.1 & 2	4118	6.89											
ETIWANDA-MIRA LOMA	4119	6.81	137.65	103,837	3,554	5	392,073	4,212	734,187	0	0	2,593	1,240,461

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE	LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										
CIRCUIT NAME	NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL	
ETIWANDA-RANCHO VISTA No2	4118	0.46												
PADUA-RANCHO VISTA No.1 & 2	4117	14.54												
ETIWANDA-PADUA	4118	15.05	155.75	533,145	12,671	213	1,687,478	23,115	1,366,382	0	0	17,792	3,640,796	
ETIWANDA-SAN BERNARDINO	4104	8.30	143.65	76,917	0	0	336,028	10,177	181,041	0	0	13,311	617,474	
ETIWANDA-SAN BERNARDINO	4118	25.53	155.75	904,368	21,494	361	2,862,452	39,210	2,317,779	0	0	30,180	6,175,845	
TOTAL ETIWANDA-SAN BERNARDINO		33.83	299.40	981,285	21,494	361	3,198,480	49,388	2,498,821	0	0	43,491	6,793,320	
ETIWANDA-VISTA	4118	15.32	155.75	542,788	12,900	217	1,717,998	23,533	1,391,094	0	0	18,114	3,706,644	
GOLETA-SANTA CLARA No. 1	4125	49.40	414.75	1,359,467	210,778	228	3,728,028	58,611	1,644,289	0	0	212,134	7,213,536	
GOLETA-SANTA CLARA No. 2	4125	49.39	414.75	1,359,392	210,766	228	3,727,824	58,608	1,644,200	0	0	212,123	7,213,142	
GOODRICH-GOULD	4114	8.67	129.55	214,967	36,123	44,270	906,082	9,904	648,269	0	0	20,366	1,879,981	
GOODRICH-LAGUNA BELL	4114	13.91	129.55	344,775	57,936	71,002	1,453,222	15,885	1,039,729	0	0	32,664	3,015,212	
GOULD-SYLMAR	4101	27.42	354.28	112,902	21,530	7,622	1,725,958	106,967	2,356,212	0	0	90,344	4,421,536	
HARBORGEN-HINSON	4102	3.02	8.43	524,683	0	0	746,197	179,110	497,826	0	0	0	1,947,816	
HARBORGEN-LONG BEACH	4102	1.15	8.43	200,342	0	0	284,924	68,391	190,087	0	0	0	743,744	
HINSON-LA FRESA	4115	5.23	27.07	310,673	102,777	415	695,791	76,286	405,249	0	0	5,300	1,596,491	
HINSON-LA FRESA	4116	8.83	90.45	347,195	16,894	199	313,957	989,176	661,596	0	0	1,310	2,330,328	
TOTAL HINSON-LA FRESA		14.06	117.52	657,868	119,671	615	1,009,748	1,065,462	1,066,845	0	0	6,610	3,926,819	
HINSON-LIGHTHIPE	4115	6.35	27.07	377,200	124,785	504	844,786	92,622	492,029	0	0	6,435	1,938,361	
HOOVER-MEAD No. 2 (No. Boulder-Mead)	4127	15.72	85.09	3,666	0	0	119,668	0	101,588	0	0	962	225,884	
HOOVER-MEAD No. 3 (So. Boulder-Mead)	4127	15.41	85.09	3,595	0	0	117,329	0	99,602	0	0	943	221,469	
JOHANNA-SANTIAGO	4156	8.34	29.49	3,400,907	0	0	639,921	1,831,728	840,329	0	0	10,821	6,723,706	
JULIAN HINDS-MIRAGE	4104	46.82	143.65	433,784	0	0	1,895,078	57,396	1,021,009	0	0	75,069	3,482,336	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	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	414,169	0	0	2,135,369	558,700	1,552,239	0	0	22,703	4,683,180
KRAMER-LUGO No. 2	4135	47.86	206.15	414,104	0	0	2,135,034	558,613	1,551,996	0	0	22,699	4,682,446
LA CIENEGA-LA FRESA	4116	11.89	90.45	467,486	22,747	269	422,732	1,331,891	890,816	0	0	1,763	3,137,705
LA FRESA-LAGUNA BELL	4114	7.10	129.55	175,940	29,565	36,233	741,585	8,106	530,578	0	0	16,669	1,538,674
LA FRESA-LAGUNA BELL	4116	9.76	90.45	383,737	18,672	220	347,001	1,093,286	731,228	0	0	1,447	2,575,592
TOTAL LA FRESA-LAGUNA BELL		16.86	220.01	559,677	48,237	36,453	1,088,585	1,101,392	1,261,806	0	0	18,116	4,114,267
LA FRESA-REDONDO No. 1	4116	4.53	90.45	178,108	8,667	102	161,057	507,439	339,393	0	0	672	1,195,439
LA FRESA-REDONDO No. 2	4116	4.53	90.45	178,128	8,668	102	161,075	507,495	339,431	0	0	672	1,195,571
LAGUNA BELL-RIO HONDO	4114	16.04	129.55	397,593	66,812	81,879	1,675,848	18,318	1,199,010	0	0	37,668	3,477,129
LAGUNA BELL-VELASCO	4114	2.49	129.55	61,762	10,378	12,719	260,325	2,846	186,253	0	0	5,851	540,134
LEWIS-SERRANO No.1	4118	7.32	155.75	259,222	6,161	104	820,473	11,239	664,352	0	0	8,651	1,770,202
LEWIS-SERRANO No. 2	4118	7.30	155.75	258,510	6,144	103	818,220	11,208	662,527	0	0	8,627	1,765,339
LEWIS-VILLA PARK	4118	4.02	155.75	142,243	3,381	57	450,220	6,167	364,551	0	0	4,747	971,366
LIGHTHIPE-LONG BEACH	4115	9.44	27.07	560,304	185,360	749	1,254,873	137,583	730,875	0	0	9,559	2,879,304
LIGHTHIPE-MESA	4114	12.18	129.55	301,813	50,717	62,155	1,272,137	13,905	910,169	0	0	28,594	2,639,489
LIGHTHIPE-REDONDO	4116	14.21	90.45	558,967	27,199	321	505,455	1,592,524	1,065,136	0	0	2,108	3,751,710
LUGO-PISGAH No. 1	4117	65.66	305.18	216,333	1,524	2,766	3,298,866	149,202	4,264,057	0	0	32,522	7,965,271
LUGO-PISGAH No. 2	4117	65.13	305.18	214,586	1,512	2,744	3,272,218	147,997	4,229,612	0	0	32,259	7,900,928
LUGO-VICTOR No. 1	4135	10.84	206.15	93,836	0	0	483,797	126,581	351,681	0	0	5,144	1,061,038
LUGO-VICTOR No. 2	4135	10.86	206.15	93,930	0	0	484,283	126,708	352,034	0	0	5,149	1,062,104
MAGUNDEN-PASTORIA No. 1	4101	29.86	354.28	122,945	23,445	8,300	1,879,474	116,481	2,565,787	0	0	98,380	4,814,811
MAGUNDEN-PASTORIA No. 2	4101	29.86	354.28	122,945	23,445	8,300	1,879,474	116,481	2,565,787	0	0	98,380	4,814,811

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.										TOTAL
				350	352	353	354	355	356	357	358	359		
MAGUNDEN-PASTORIA No. 3	4101	29.87	354.28	123,001	23,456	8,303	1,880,330	116,534	2,566,955	0	0	98,425	4,817,004	
MAGUNDEN-SPRINGVILLE No. 1	4113	51.62	129.55	348,578	0	0	733,614	82,148	856,811	0	0	251,419	2,272,570	
MAGUNDEN-SPRINGVILLE No. 2	4121	51.89	135.41	135,633	0	0	766,890	71,366	786,525	0	0	55,068	1,815,481	
MAGUNDEN-VESTAL No. 1	4169	35.61	297.62	426,609	0	323	1,043,974	47,675	725,808	0	0	12,701	2,257,092	
MAGUNDEN-VESTAL No. 2	4169	35.62	297.62	426,668	0	323	1,044,118	47,682	725,908	0	0	12,703	2,257,402	
MESA-REDONDO	4114	12.09	129.55	299,612	50,347	61,702	1,262,861	13,804	903,533	0	0	28,385	2,620,244	
MESA-REDONDO	4116	14.22	90.45	559,026	27,202	321	505,508	1,592,692	1,065,249	0	0	2,108	3,752,106	
TOTAL MESA-REDONDO		26.31	220.01	858,638	77,549	62,023	1,768,369	1,606,496	1,968,781	0	0	30,494	6,372,350	
MESA-RIO HONDO	4107	10.93	270.79	106,537	13,177	0	358,741	0	275,003	0	0	33,759	787,217	
MESA-VINCENT	4107	18.81	270.79	183,396	22,683	0	617,548	0	473,400	0	0	58,114	1,355,140	
MESA-VINCENT	4114	17.48	129.55	433,170	72,790	89,206	1,825,805	19,957	1,306,299	0	0	41,039	3,788,266	
TOTAL MESA-VINCENT		36.29	400.34	616,566	95,473	89,206	2,443,353	19,957	1,779,699	0	0	99,153	5,143,407	
MESA-WALNUT	4119	13.73	137.65	209,506	7,170	10	791,064	8,498	1,481,328	0	0	5,231	2,502,808	
MIRA LOMA-OLINDA	4119	24.97	137.65	380,939	13,037	18	1,438,369	15,453	2,693,458	0	0	9,512	4,550,785	
MIRA LOMA-PADUA	4118	14.78	155.75	523,506	12,442	209	1,656,969	22,697	1,341,678	0	0	17,470	3,574,972	
MIRA LOMA-PADUA	4119	6.77	137.65	103,242	3,533	5	389,827	4,188	729,981	0	0	2,578	1,233,353	
TOTAL MIRA LOMA-PADUA		21.55	293.40	626,748	15,975	214	2,046,796	26,885	2,071,659	0	0	20,048	4,808,326	
MIRA LOMA-VISTA No. 1	4118	15.63	155.75	553,670	13,159	221	1,752,442	24,005	1,418,984	0	0	18,477	3,780,959	
MIRA LOMA-VISTA No. 2	4118	15.47	155.75	547,991	13,024	219	1,734,469	23,759	1,404,431	0	0	18,287	3,742,181	
MIRA LOMA-WALNUT	4119	27.65	137.65	421,834	14,436	20	1,592,784	17,111	2,982,611	0	0	10,533	5,039,330	
MIRAGE-RAMON (SCE PORTION)	N/A	N/A											N/A	
MOORPARK-PARDEE No. 1	4125	25.96	414.75	714,390	110,762	120	1,959,053	30,800	864,063	0	0	111,475	3,790,663	
MOORPARK-PARDEE No. 2	4125	25.99	414.75	715,318	110,906	120	1,961,596	30,840	865,184	0	0	111,620	3,795,584	
MOORPARK-PARDEE No. 3	4125	26.00	414.75	715,453	110,927	120	1,961,966	30,846	865,347	0	0	111,641	3,796,300	

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	LOCATION NO.	CIRCUIT MILES	TOTAL ACCT. CIRCUIT MILES	ACCOUNT NO.									TOTAL
				350	352	353	354	355	356	357	358	359	
MOORPARK-SANTA CLARA No. 1	4125	25.57	414.75	703,712	109,107	118	1,929,769	30,339	851,147	0	0	109,809	3,734,001
MOORPARK-SANTA CLARA No. 2	4125	25.69	414.75	706,987	109,614	119	1,938,751	30,481	855,108	0	0	110,320	3,751,379
OLINDA-WALNUT	4119	6.41	137.65	97,849	3,349	5	369,465	3,969	691,852	0	0	2,443	1,168,932
PARDEE-PASTORIA	4101	38.77	354.28	159,626	30,440	10,776	2,440,224	151,233	3,331,301	0	0	127,732	6,251,332
PARDEE-PASTORIA-WARNE	4101	*	38.46	158,359	30,199	10,690	2,420,868	150,034	3,304,877	0	0	126,719	6,201,747
PARDEE-SANTA CLARA	4125	40.31	414.75	1,109,414	172,008	186	3,042,316	47,831	1,341,848	0	0	173,116	5,886,719
PARDEE-SYLMAR No. 1	4045	6.50	13.00	89,553	0	0	350,752	0	226,563	0	0	19,000	685,868
PARDEE-SYLMAR No. 1	4101	4.99	354.28	20,528	3,915	1,386	313,817	19,449	428,412	0	0	16,427	803,933
TOTAL PARDEE-SYLMAR No. 1		11.48	367.28	110,081	3,915	1,386	664,570	19,449	654,974	0	0	35,427	1,489,801
PARDEE-SYLMAR No. 2	4045	6.50	13.00	89,579	0	0	350,855	0	226,629	0	0	19,006	686,068
PARDEE-SYLMAR No. 2	4101	4.99	354.28	20,547	3,918	1,387	314,107	19,467	428,807	0	0	16,442	804,675
TOTAL PARDEE-SYLMAR No. 2		11.49	367.28	110,126	3,918	1,387	664,962	19,467	655,436	0	0	35,447	1,490,743
PARDEE-VINCENT	4051	3.92	7.35	0	0	0	168,754	0	109,288	0	0	77,517	355,559
PARDEE-VINCENT (IDLE)	4051	3.43	7.35	0	0	0	147,602	0	95,589	0	0	67,801	310,992
PARDEE-VINCENT	4101	28.00	354.28	115,279	21,984	7,782	1,762,296	109,219	2,405,820	0	0	92,247	4,514,626
PARDEE-VINCENT (IDLE)	4101	0.14	354.28	562	107	38	8,586	532	11,721	0	0	449	21,995
TOTAL PARDEE-VINCENT		35.49	361.63	115,841	22,091	7,820	2,087,238	109,751	2,622,418	0	0	238,013	5,203,172
RECTOR-VESTAL No. 1	4169	33.20	297.62	397,771	0	301	973,403	44,452	676,745	0	0	11,843	2,104,515
RECTOR-VESTAL No. 2	4169	33.20	297.62	397,758	0	301	973,370	44,451	676,722	0	0	11,842	2,104,445
RIO HONDO-VINCENT No. 1	4107	32.36	270.79	315,472	39,018	0	1,062,289	0	814,329	0	0	99,966	2,331,074
RIO HONDO-VINCENT No. 2	4070	4.42	4.42	61,040	0	0	344,764	0	232,146	0	0	11,892	649,842
RIO HONDO-VINCENT No. 2	4107	5.03	270.79	49,079	6,070	0	165,264	0	126,688	0	0	15,552	362,654
RIO HONDO-VINCENT No. 2	4157	20.57	20.57	105,605	18,610	0	1,994,781	0	3,584,786	0	0	537,026	6,240,809
TOTAL RIO HONDO-VINCENT No. 2		30.03	295.78	215,725	24,681	0	2,504,809	0	3,943,620	0	0	564,471	7,253,305

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE CIRCUIT NAME	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	0	0	333,757	10,108	179,818	0	0	13,221	613,302
SAN BERNARDINO-VISTA (IDLE)	4104	UG	0.04	0.04	385	0	0	0	0	0	1,480	260,160	67	262,091
TOTAL SAN BERNARDINO-VISTA			8.29	143.69	76,782	0	0	333,757	10,108	179,818	1,480	260,160	13,288	875,393
SAN ONOFRE-SANTIAGO No. 1	4108		28.36	169.20	1,352,307	508,838	0	2,365,829	261,222	2,371,885	18	0	76,119	6,936,218
SAN ONOFRE-SANTIAGO No. 2	4108		28.36	169.20	1,352,183	508,792	0	2,365,612	261,198	2,371,668	18	0	76,112	6,935,582
SAN ONOFRE-SERRANO	4108		40.35	169.20	1,924,007	723,954	0	3,366,004	371,656	3,374,621	25	0	108,298	9,868,567
SAN ONOFRE-VIEJO	4108		21.88	169.20	1,043,431	392,616	0	1,825,457	201,557	1,830,130	14	0	58,733	5,351,937
SANTA CLARA-VINCENT	4059		2.74	2.74	13,002	0	0	333,663	0	202,343	0	0	20,953	569,961
SANTA CLARA-VINCENT	4125		40.29	414.75	1,108,743	171,904	186	3,040,474	47,802	1,341,036	0	0	173,011	5,883,156
SANTA CLARA-VINCENT	4147		27.48	27.48	3,855,188	0	1,880	2,767,070	0	1,983,887	0	0	145,187	8,753,211
TOTAL SANTA CLARA-VINCENT			70.51	444.97	4,976,932	171,904	2,066	6,141,208	47,802	3,527,266	0	0	339,150	15,206,328
SERRANO-VILLA PARK No. 1	4189		3.24	6.50	39,045	0	0	759,195	0	697,163	0	0	0	1,495,404
SERRANO-VILLA PARK No. 2	4189		3.26	6.50	39,203	0	0	762,263	0	699,980	0	0	0	1,501,446
GOULD SUBSTATION	5015				Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	0	0	0	0	1,418	1,418
SANTA CLARA SUBSTATION	5053				Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	0	0	0	0	6,071	6,071
VIEJO SUBSTATION	5083				Refer Substation Stud	Refer Substation Stud	Refer Substation Stud	0	0	0	2	0	0	2
TOTAL 220kV T/L'S			3,236.38	26,314.63	65,722,570	6,610,779	754,805	305,979,338.05	58,857,689	206,358,826	182,398	716,988	96,034,585	741,217,978

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										
CIRCUIT NAME		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL	
<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	0.00	2,000,560	331,263	0	0	4,845	2,369,978	
<u>115kV TRANSMISSION LINES</u>															
CONTROL-HAIWEE-INYOKERN No. 1		4750	*	125.62	1,640.72	1,076,543	218	32,293	298,905	6,795,737	3,841,057	0	0	140,664	12,185,418
CONTROL-HAIWEE-INYOKERN No. 2		4750	*	125.59	1,640.72	1,076,267	218	32,285	298,828	6,793,994	3,840,072	0	0	140,628	12,182,293
CONTROL-INYO (DWP)		4750		2.86	1,640.72	24,541	5	736	6,814	154,913	87,559	0	0	3,207	277,775
COOLWATER-SEGS 2-TORTILLA		4750	*	11.26	1,640.72	96,521	20	2,895	26,799	609,295	344,383	0	0	12,612	1,092,525
ELDORADO-BAKER-CLWTR-DUNN-MT.PAS'		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.PAS'		4782	*	100.80	100.80	165,196	0	0	327,795	91,898	580,045	0	0	21,669	1,186,603
TOTAL ELDO-BAK-CLWTR-DUNN-MT.PASS				129.82	129.82	166,474	0	0	426,102	135,102	675,012	0	0	23,046	1,425,735
KRAMER-COOL WATER		4750		44.32	1,640.72	379,787	77	11,393	105,449	2,397,428	1,355,064	0	0	49,624	4,298,822
KRAMER-INYOKERN-RANDBURG No. 1		4750	*	48.34	1,640.72	414,228	84	12,426	115,011	2,614,838	1,477,947	0	0	54,124	4,688,659
KRAMER-INYOKERN-RANDBURG No. 3		4135	*	49.41	206.15	427,516	0	0	2,204,186	576,706	1,602,264	0	0	23,434	4,834,107
KRAMER-ROADWAY-VICTOR		4750	*	34.50	1,640.72	295,663	60	8,869	82,091	1,866,386	1,054,911	0	0	38,632	3,346,613
KRAMER-TORTILLA		4750		31.95	1,640.72	273,769	55	8,212	76,013	1,728,179	976,794	0	0	35,771	3,098,793
KRAMER-VICTOR		4750	OH	34.50	1,640.72	295,622	60	8,868	82,080	1,866,127	1,054,764	0	0	38,627	3,346,148
KRAMER-VICTOR		4750	UG	0.12	13.92	1,028	0	31	0	0	0	25,260	114,748	134	141,201
TOTAL KRAMER-VICTOR				34.62	1,654.64	296,650	60	8,899	82,080	1,866,127	1,054,764	25,260	114,748	38,761	3,487,349
TOTAL 115kV T/L'S				638.28	15,116.38	4,527,959	797	118,009	3,722,278	25,538,707	16,309,828	25,260	114,748	560,503	50,918,087

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE	LOCATION		CIRCUIT	TOTAL ACCT.	ACCOUNT NO.									
CIRCUIT NAME	NO.		MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL
<u>66kV TRANSMISSION LINES</u>														
ANTELOPE-NEENACH	4105		16.65	2.37	107,031	3,769	3,584	65,250	1,312,136	531,151	0	0	5,128	2,028,048
BAILEY-NEENACH-WESTPAC	4105	*	16.56	2.37	106,490	3,750	3,566	64,920	1,305,505	528,466	0	0	5,102	2,017,799
TOTAL 66kV T/L'S			33.21	4.74	213,521	7,518	7,150	130,170	2,617,640	1,059,617	0	0	10,230	4,045,846
<u>55kV TRANSMISSION LINES</u>														
CONTROL-SILVER PEAK "A" - CALIF	4705	*	16.58	105.29	38,208	518	0	0	471,117	209,244	0	0	5,632	724,717
CONTROL-SILVER PEAK "C" - CALIF	4705	*	24.35	105.29	56,123	760	0	0	692,023	307,358	0	0	8,272	1,064,537
TOTAL 55kV T/L'S			40.92	210.58	94,331	1,278	0	0.00	1,163,140	516,602	0	0	13,904	1,789,255
GRAND TOTAL			5,896.52	43,913.12	119,157,042	6,724,797	923,800	548,483,029	92,376,310	405,779,526	207,658	1,983,396	110,156,009	1,285,791,567

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

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										
CIRCUIT NAME		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL	
<u>66kV TRANSMISSION LINES WHICH WILL CONVERT TO NON-ISO DUE TO THE IMPLEMENTATION OF THE EKWRA & ANTELOPE BAILEY PROJECT</u>															
ACTON-PALMDALE-SHUTTLE		4105		19.98											
ACTON-RITTER RANCH		4105		5.89											
ANTELOPE-ACTON-PALMDALE-SHUTTLE		4105	*	34.80	2.37	223,769	7,879	7,493	136,417	2,743,275	1,110,473	0	0	10,721	4,240,028
ANAVERDE-RITTER RANCH		4105		5.50											
ANTELOPE-RITTER RANCH No.1		4105	OH	10.80											
ANTELOPE-RITTER RANCH No.1		4105	UG	0.77											
TOTAL ANTELOPE-RITTER RANCH No.1 and ANAV				17.07											
ANTELOPE-ANAVERDE		4105		15.44	2.37	99,284	3,496	3,325	60,527	1,217,166	492,707	0	0	4,757	1,881,262
ANTELOPE-ANAVERDE-HELIJET		4105	OH	20.68	2.37	132,995	4,683	4,453	81,078	1,630,434	659,997	0	0	6,372	2,520,013
ANTELOPE-ANAVERDE-HELIJET		4105	UG	0.57	323.20	3,653	129	122	0	0	0	70,026	284,104	175	358,210
TOTAL ANTELOPE-ANAVERDE-HELIJET				21.25	325.57	136,648	4,812	4,576	81,078	1,630,434	659,997	70,026	284,104	6,547	2,878,223
ANTELOPE-CAL CEMENT		4105		27.46	2.37	176,583	6,218	5,913	107,651	2,164,795	876,306	0	0	8,460	3,345,925
ANTELOPE-DEL SUR		4105		2.65	2.37	17,049	600	571	10,394	209,015	84,609	0	0	817	323,055
ANTELOPE-DEL SUR-ROSAMOND		4105	*	15.74	2.37	101,222	3,564	3,390	61,709	1,240,925	502,325	0	0	4,850	1,917,985
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105	*OH	16.71	2.37	107,422	3,782	3,597	65,488	1,316,927	533,090	0	0	5,147	2,035,453
ANTELOPE-LANCASTER-LANPRI-SHUTTLE		4105	*UG	0.24	323.20	1,558	55	52	0	0	0	29,862	121,156	75	152,758
TOTAL ANTELOPE-LANCASTER-LANPRI-SHUTTLE				16.95	325.57	108,980	3,837	3,649	65,488	1,316,927	533,090	29,862	121,156	5,221	2,188,210
ANTELOPE-LANCASTER-OASIS		4105		16.54	2.37	106,372	3,746	3,562	64,848	1,304,056	527,880	0	0	5,096	2,015,560
ANTELOPE-QUARTZ HILL No.2		4105	OH	6.20	2.37	39,865	1,404	1,335	24,303	488,720	197,833	0	0	1,910	755,370
ANTELOPE-QUARTZ HILL No.2		4105	UG	0.65	323.20	4,167	147	140	0	0	0	79,876	324,065	200	408,594
TOTAL ANTELOPE-QUARTZ HILL No.2				6.85	325.57	44,032	1,550	1,474	24,303	488,720	197,833	79,876	324,065	2,110	1,163,964
ANTELOPE-RITTER RANCH No.2		4105	OH	10.80	2.37	69,442	2,445	2,325	42,334	851,319	344,613	0	0	3,327	1,315,806
ANTELOPE-RITTER RANCH No.2		4105	UG	0.77	323.20	4,933	174	165	0	0	0	94,554	383,618	236	483,680
TOTAL ANTELOPE-RITTER RANCH No.2				11.57	325.57	74,375	2,619	2,491	42,334	851,319	344,613	94,554	383,618	3,563	1,799,487
ANTELOPE-ROSAMOND		4105		15.91	2.37	102,270	3,601	3,425	62,348	1,253,773	507,525	0	0	4,900	1,937,842

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE		LOCATION	CIRCUIT	TOTAL ACCT.	ACCOUNT NO.										
CIRCUIT NAME		NO.	MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL	
BAILEY-GORMAN		4105	3.42	2.37	21,968	774	736	13,393	269,316	109,019	0	0	1,052	416,258	
CAL CEMENT-GOLDTOWN-MONOLITH-W/L		4105	*	16.94	2.37	108,908	3,835	3,647	66,394	1,335,144	540,464	0	0	5,218	2,063,610
CAL CEMENT-GOLDTOWN-MONOLITH-W/L		4106	*	0.00	37.08	0	0	0	0	0	0	0	0	0	0
TOTAL CAL CEMENT-GOLDTOWN MONOLITH-W/L				16.94	39.45	108,908	3,835	3,647	66,394	1,335,144	540,464	0	0	5,218	2,063,610
CAL CEMENT-MONOLITH-ROSAMOND-W/F		4105	*	28.00	2.37	180,011	6,338	6,028	109,741	2,206,824	893,319	0	0	8,624	3,410,885
CAL CEMENT-MONOLITH-ROSAMOND-W/F		4106	*	0.00	37.08	0	0	0	0	0	0	0	0	0	0
TOTAL CAL CEMENT-MONOLITH-ROSAMOND-W/F				28.00	39.45	180,011	6,338	6,028	109,741	2,206,824	893,319	0	0	8,624	3,410,885
CAL CEMENT-MONOLITH-WINDPARK		4105	*	9.81	2.37	63,081	2,221	2,112	38,456	773,334	313,044	0	0	3,022	1,195,272
CAL CEMENT-MONOLITH-WINDPARK		4106	*	0.16	37.08	1,303	0	0	2	11,883	10,765	0	0	0	23,953
TOTAL CAL CEMENT-MONOLITH-WINDPARK				9.97	39.45	64,384	2,221	2,112	38,459	785,217	323,809	0	0	3,022	1,219,224
CORRECTION-CUMMINGS--KERN RIVER No		4105	*	39.45	2.37	253,631	8,931	8,493	154,622	3,109,366	1,258,667	0	0	12,152	4,805,861
CORRECTION-CUMMINGS--KERN RIVER No		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				41.33	6.17	255,190	8,931	8,493	184,601	3,109,366	1,277,128	0	0	32,367	4,876,076
CORUM-GOLDTOWN		4105		15.12	2.37	97,227	3,424	3,256	59,273	1,191,950	482,499	0	0	4,658	1,842,287
CORUM-ROSAMOND		4105		19.93	2.37	128,147	4,512	4,291	78,123	1,571,008	635,942	0	0	6,140	2,428,162
CUMMINGS-MONOLITH		4105		13.30	2.37	85,489	3,010	2,863	52,117	1,048,045	424,247	0	0	4,096	1,619,867
DEL SUR-LANCASTER-RITE AID		4105	*	9.40	2.37	60,427	2,128	2,023	36,838	740,795	299,873	0	0	2,895	1,144,979
GOLDTOWN-LANCASTER		4105	*	27.99	2.37	179,992	6,338	6,027	109,729	2,206,595	893,226	0	0	8,623	3,410,531
GORMAN-KERN RIVER No. 1		4105		49.40	2.37	317,624	11,184	10,636	193,635	3,893,880	1,576,237	0	0	15,217	6,018,413
GORMAN-KERN RIVER No. 1		4132		1.90	3.80	1,573	0	0	30,250	0	18,629	0	0	20,398	70,850
TOTAL GORMAN-KERN RIVER No. 1				51.30	6.17	319,197	11,184	10,636	223,885	3,893,880	1,594,866	0	0	35,615	6,089,263
HELIJET-LITTLE ROCK-PALMDALE-ROCKAWAY		4105	*	15.34	2.37	98,621	3,473	3,302	60,123	1,209,030	489,414	0	0	4,725	1,868,687
LANCASTER-LITTLE ROCK-PIUTE		4105	OH	15.77	2.37	101,391	3,570	3,395	61,812	1,242,997	503,164	0	0	4,858	1,921,187
LANCASTER-LITTLE ROCK-PIUTE		4105	UG	0.62	323.20	4,015	141	134	0	0	0	76,967	312,265	1	393,524
TOTAL LANCASTER-LITTLE ROCK-PIUTE				16.39	325.57	105,407	3,712	3,530	61,812	1,242,997	503,164	76,967	312,265	4,859	2,314,711

ISO TRANSMISSION LINES BY
OPERATING VOLTAGE / CIRCUIT NAME
AS OF DECEMBER 31, 2011
(\$)

OPERATING VOLTAGE	LOCATION		CIRCUIT	TOTAL ACCT.	ACCOUNT NO.									
CIRCUIT NAME	NO.		MILES	CIRCUIT MILES	350	352	353	354	355	356	357	358	359	TOTAL
LANCASTER-PURIFY-REDMAN	4105		14.57	2.37	93,695	3,299	3,137	57,119	1,148,639	464,968	0	0	4,489	1,775,347
PIUTE-REDMAN	4105		5.02	2.37	32,284	1,137	1,081	19,682	395,785	160,213	0	0	1,547	611,728
ANTELOPE-QUARTZ HILL No.1	4105	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 HIL	4105	*	25.02	2.37	160,905	5,666	5,388	98,093	1,972,602	798,506	0	0	7,709	3,048,870
ANTELOPE-QUARTZ HILL-SHUTTLE	4105	OH	13.80											
ANTELOPE-QUARTZ HILL-SHUTTLE	4105	UG	0.66											
TOTAL ANTELOPE-QUARTZ HILL-SHUTTLE			14.46											
ANTELOPE-SHUTTLE	4105		12.07	2.37	77,585	2,732	2,598	47,298	951,145	385,022	0	0	3,717	1,470,097
TOTAL 66kV T/L'S			510.26	1,801.21	3,260,024	114,634	109,016	2,033,776	39,698,744	16,113,038	351,285	1,425,208	196,398	63,302,124
TOTAL					122,417,066	6,839,432	1,032,816	550,516,805	132,075,054	421,892,563	558,943	3,408,604	110,352,407	1,349,093,691

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			A/C 360-362 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment
ACTON SUB	5365	66kV	466,446	2,122,530	8,512,833	11,101,809	72,734	372,807	1,285,595	393,712	1,749,723	7,227,237
GORMAN SUB	5512	66kV	383	164,070	1,031,549	1,196,002	57	24,404	153,432	326	139,666	878,116
ANAVERDE SUB	5539	66kV	157	740,625	9,961,714	10,702,496	1	5,109	68,716	156	735,516	9,892,999
CORUM SUB	5547	66kV	384	33,392	579,542	613,319	10	855	14,846	374	32,537	564,695
QUARTZ HILL SUB	5566	66kV	15,905	290,770	6,263,764	6,570,439	3,074	52,474	1,061,289	12,831	238,296	5,202,476
RITTER SUB	8504	66kV	-	610,352	8,828,177	9,438,529	-	227,598	3,291,833	-	382,754	5,536,345
HUNTINGTON LK(FP2175)	2110	66kV	-	-	61,855	61,855	-	-	-	-	-	61,855
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	-	218,338	30,212	248,550	-	-	-	-	218,338	30,212
BIG CREEK NO.8	2229	220kV	-	-	99,856	99,856	-	-	-	-	-	99,856
BIG CREEK NO.3	2230	220kV	-	-	271,299	271,299	-	-	-	-	-	271,299
BIG CREEK NO.2A	2234	220kV	-	-	46,173	46,173	-	-	-	-	-	46,173
PORTAL POWER PLANT	2237	33kV & Below	-	-	26,636	26,636	-	-	-	-	-	26,636
MAMMOTH POOL	2238	220kV	-	-	66,510	66,510	-	-	-	-	-	66,510
EAST END HYDRO SHP FACLTY	2304	-	-	9,117	-	9,117	-	-	-	-	9,117	-
SANTA ANA NO.3	2317	33kV & Below	-	-	75,114	75,114	-	-	-	-	-	75,114
MILL CREEK NO.2&3	2319	33kV & Below	4	-	-	4	-	-	-	4	-	-
POOLE	2512	115kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.2	2522	55kV	-	-	31,930	31,930	-	-	-	-	-	31,930
BISHOP CREEK NO.3	2523	55kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.4	2524	55kV	-	-	244	244	-	-	-	-	-	244
BISHOP CREEK NO.5	2525	55kV	-	-	9,878	9,878	-	-	-	-	-	9,878
CONTROL STATION	2556	115kV	-	5,039	8,678	13,716	-	-	-	-	5,039	8,678
CASA DIABLO	2557	115kV	-	-	569,516	569,516	-	-	-	-	-	569,516
LUNDY	2560	55kV	-	-	12,269	12,269	-	-	-	-	-	12,269
LEE VINING	2561	115kV	-	-	74,332	74,332	-	-	-	-	-	74,332
INYO	2570	115kV	-	-	6,860	6,860	-	-	-	-	-	6,860
BRIDGEPORT (OLD)	2580	33kV & Below	138	1,412	6,429	7,979	-	-	-	138	1,412	6,429
ZACK	2582	55kV	7,434	5,808	228,741	241,983	-	-	-	7,434	5,808	228,741
JUNE LAKE	2583	33kV & Below	-	16,176	569,636	585,813	-	-	-	-	16,176	569,636
DEEP SPRINGS	2589	55kV	-	1,191	47,885	49,076	-	-	-	-	1,191	47,885
WHITE MOUNTAIN RADIO	2594	55kV	-	1,497	13,013	14,510	-	-	-	-	1,497	13,013
MT. TOM	2598	55kV	-	46,013	974,488	1,020,501	-	-	-	-	46,013	974,488
MORGAN	2604	33kV & Below	-	-	57,328	57,328	-	-	-	-	-	57,328
TIMBERWINE	2609	33kV & Below	-	-	1,660,992	1,660,992	-	-	-	-	-	1,660,992
BRIDGEPORT	2610	33kV & Below	24,261	81,516	438,219	543,996	-	-	-	24,261	81,516	438,219
SKILAND	2611	33kV & Below	62,995	186,428	1,894,984	2,144,407	-	-	-	62,995	186,428	1,894,984
MINARET	2612	33kV & Below	-	56,385	577,715	634,100	-	-	-	-	56,385	577,715
CATALINA ISLAND-DIESEL	3064	66kV	-	13,578	1,797,701	1,811,279	-	-	-	-	13,578	1,797,701
33 AND 66 KV LINES	4105	-	691,618	-	-	691,618	-	-	-	691,618	-	-
EASTERN T/S REGION	4500	Transmission Line	-	52,105	-	52,105	-	-	-	-	52,105	-
NRTHN T/S REGION	4600	Transmission Line	-	14,552	-	14,552	-	-	-	-	14,552	-
33&66KV LNS IN NRTHEN T/S	4605	-	83,844	-	-	83,844	-	-	-	83,844	-	-
S/E DIV., 66KV LINES	4805	66kV	140,014	-	-	140,014	-	-	-	140,014	-	-
SUBSTN DIV	5000	Misc	-	-	485,808	485,808	-	-	-	-	-	485,808
WALNUT SUB	5014	220kV	-	-	78,722	78,722	-	-	-	-	-	78,722
LA FRESA SUB	5021	220kV	-	-	12,211	12,211	-	-	-	-	-	12,211
EL NIDO SUB	5023	220kV	-	7,079	-	7,079	-	-	-	-	7,079	-
RECTOR SUB	5033	220kV	-	62,129	729,012	791,141	-	-	-	-	62,129	729,012
KRAMER SUB	5042	220kV	-	-	34,024	34,024	-	-	-	-	-	34,024
MOHAVE SWITCHRACK	5045	500kV	-	23,655	-	23,655	-	-	-	-	23,655	-
SANTA CLARA SUB	5053	220kV	-	72,202	19,008	91,210	-	-	-	-	72,202	19,008
GOLETA SUB	5055	220kV	-	-	343,944	343,944	-	-	-	-	-	343,944
BAILEY SUB	5059	220kV	-	156	3,382	3,537.87	-	-	-	-	156	3,382
PADUA SUB	5060	220kV	-	-	22,251	22,251	-	-	-	-	-	22,251
LUGO SUB	5061	500kV	-	95,181	-	95,181	-	-	-	-	95,181	-
VISTA SUB	5064	220kV	-	454,916	34,273	489,189	-	-	-	-	454,916	34,273
DEVERS SUB	5067	500kV	-	-	4,588,279	4,588,279	-	-	-	-	-	4,588,279
MIRA LOMA SUB	5069	500kV	-	-	(0.16)	(0.16)	-	-	-	-	-	(0.16)
VALLEY-500 KV	5070 & 8034	500kV	-	-	2,838,417	2,838,417	-	-	-	-	-	2,838,417
LIGHTHIPE SUB	5073	220kV	-	7,570	-	7,570	-	-	-	-	7,570	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
BARRE SUB	5081	220kV	-	13,261	-	13,261	-	-	-	-	-	-
VILLA PARK SUB	5082	220kV	-	61,294	-	61,294	-	-	-	-	-	-
VIEJO SUBSTATION	5083	220kV	-	-	649,974	649,974	-	-	-	-	-	649,974
CENTER SUB	5084	220kV	-	-	169	169	-	-	-	-	-	169
Johanna	5085 & 5881	66kV	-	220,256	5,770,504	5,990,760	-	-	-	-	220,256	5,770,504
SANTIAGO SUB	5088	220kV	-	-	16,697	16,697	-	-	-	-	-	16,697
EL DORADO SUB(NEVADA)	5090	500kV	-	-	26,595	26,595	-	-	-	-	-	26,595
ETIWANDA SWITCHRACK SUB	5096	220kV	-	-	265	265	-	-	-	-	-	265
METRO REGION	5100		-	194,833	618,309	813,142	-	-	-	-	194,833	618,309
ALHAMBRA SUB	5101	66kV	90,249	235,848	6,086,502	6,412,600	-	-	-	90,249	235,848	6,086,502
ALLEN SUB	5102	33kV & Below	4,232	53,635	1,343,889	1,401,757	-	-	-	4,232	53,635	1,343,889
SANTEE DAIRY	5103	66kV	-	13,227	415,697	428,924	-	-	-	-	13,227	415,697
AMALIA SUB	5104	33kV & Below	11,584	71,844	1,637,090	1,720,518	-	-	-	11,584	71,844	1,637,090
ANITA SUB	5105	66kV	4,391	705,921	6,357,151	7,067,463	-	-	-	4,391	705,921	6,357,151
ARCADIA SUB	5106	66kV	137,667	128,821	3,775,967	4,042,456	-	-	-	137,667	128,821	3,775,967
BANDINI SUB	5107	66kV	11,615	176,845	2,798,670	2,987,130	-	-	-	11,615	176,845	2,798,670
PROCTOR SUB	5108	66kV	125,486	361,925	2,432,225	2,919,635	-	-	-	125,486	361,925	2,432,225
BICKNELL SUB	5109	33kV & Below	3,032	64,328	1,183,584	1,250,944	-	-	-	3,032	64,328	1,183,584
WABASH (NEW) SUB	5110	66kV	74,633	132,775	1,040,485	1,247,893	-	-	-	74,633	132,775	1,040,485
RENO SUB	5111	66kV	1,654	33,215	64,851	99,720	-	-	-	1,654	33,215	64,851
LIQUID SUB	5113	66kV	-	11,562	258,931	270,493	-	-	-	-	11,562	258,931
BELVEDERE SUB	5114	33kV & Below	3,370	326,843	1,374,255	1,704,467	-	-	-	3,370	326,843	1,374,255
EATON SUB	5115	66kV	9,301	126,750	2,530,641	2,666,691	-	-	-	9,301	126,750	2,530,641
RUSH SUB	5116	66kV	8,707	189,844	4,113,551	4,312,103	-	-	-	8,707	189,844	4,113,551
BREW SUB	5119	66kV	-	24,707	278,855	303,562	-	-	-	-	24,707	278,855
FEDERALGEN SUB	5120	66kV	-	17,050	925,592	942,642	-	-	-	-	17,050	925,592
GARFIELD SUB	5121	66kV	10,257	163,126	2,107,680	2,281,063	-	-	-	10,257	163,126	2,107,680
GARVEY SUB	5122	33kV & Below	2,182	416,035	1,112,004	1,530,220	-	-	-	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	44,906	3,288,476	3,337,975	-	-	-	4,593	44,906	3,288,476
OUTFALL SUBSTATION	5127	66kV	-	-	21,867	21,867	-	-	-	-	-	21,867
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	3,300,850	3,677,615	-	-	-	-	376,765	3,300,850
HILLGEN SUB	5131	66kV	-	9,729	1,028,991	1,038,719	-	-	-	-	9,729	1,028,991
SIGGEN SUB	5132	66kV	-	3,613	1,280,175	1,283,788	-	-	-	-	3,613	1,280,175
MICHILLINDA SUB	5133	33kV & Below	5,712	35,931	1,597,624	1,639,267	-	-	-	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
MONTEBELLO SUB	5135	33kV & Below	1,868	36,546	414,119	452,534	-	-	-	1,868	36,546	414,119
NEWMARK SUB	5136	66kV	16,471	196,026	2,607,999	2,820,496	-	-	-	16,471	196,026	2,607,999
CYBER SUB	5137	-	-	16,143	-	16,143	-	-	-	-	16,143	-
RAMONA SUB	5138	66kV	2,143	188,877	1,467,204	1,658,224	-	-	-	2,143	188,877	1,467,204
GENAMIC SUB	5139	66kV	246,412	123,270	2,502,141	2,871,824	-	-	-	246,412	123,270	2,502,141
ROSEMEAD SUB	5141	66kV	12,792	81,571	4,596,962	4,691,325	-	-	-	12,792	81,571	4,596,962
SAN GABRIEL SUB	5142	66kV	6,712	90,059	1,332,770	1,429,541	-	-	-	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
SIERRA MADRE SUB	5144	33kV & Below	676	10,231	688,623	699,530	-	-	-	676	10,231	688,623
SANGAR SUB	5145	33kV & Below	17,347	26,832	768,950	813,129	-	-	-	17,347	26,832	768,950
TERRACE SUB	5146	33kV & Below	4,514	43,433	1,633,119	1,681,066	-	-	-	4,514	43,433	1,633,119
PUREAIR SUB	5147	66kV	36,627	2,876	583,834	623,338	-	-	-	36,627	2,876	583,834
AEROJET SUB	5148	66kV	-	36,392	418,219	454,611	-	-	-	-	36,392	418,219
SO. PACIFIC SUB - PIPELINE	5149	66kV	11,866	34,056	455,235	501,157	-	-	-	11,866	34,056	455,235
DUARTE SUB	5150	33kV & Below	11,360	30,926	742,845	785,131	-	-	-	11,360	30,926	742,845
HOYTE SUB	5151	33kV & Below	8,899	23,105	1,001,630	1,033,635	-	-	-	8,899	23,105	1,001,630
JOSE SUB	5152	66kV	16,667	10,766	309,245	336,677	-	-	-	16,667	10,766	309,245
IVAR SUB	5153	33kV & Below	4,184	20,950	846,794	871,929	-	-	-	4,184	20,950	846,794
PACKAGE SUB	5154	66kV	16,257	23,367	432,418	472,042	-	-	-	16,257	23,367	432,418
MT WILSON SUB	5157	33kV & Below	3,524	14,283	976,505	994,312	-	-	-	3,524	14,283	976,505
ARROYO SUB	5158	66kV	3,910	1,706,167	8,021,780	9,731,857	-	-	-	3,910	1,706,167	8,021,780
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
AMADOR SUB	5161	66kV	27,986	70,090	5,263,952	5,362,028	-	-	-	27,986	70,090	5,263,952

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
FAIR OAKS SUB	5162	33kV & Below	9,204	18,975	1,882,303	1,910,482	-	-	-	9,204	18,975	1,882,303
REPETTO SUB	5164	66kV	11,399	159,286	3,296,138	3,466,823	-	-	-	11,399	159,286	3,296,138
MAYFLOWER SUB	5167	33kV & Below	12,984	44,226	1,570,860	1,628,070	-	-	-	12,984	44,226	1,570,860
HARDING SUB	5168	33kV & Below	10,403	15,903	299,685	325,992	-	-	-	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
BRADBURY SUB	5171	66kV	11,331	165,975	5,063,652	5,240,958	-	-	-	11,331	165,975	5,063,652
SHULTZ SUB	5172	66kV	-	49,795	908,111	957,907	-	-	-	-	49,795	908,111
SHARON SUB	5173	33kV & Below	21,259	49,677	869,314	940,251	-	-	-	21,259	49,677	869,314
VAIL SUB	5175	66kV	52,687	174,651	3,554,292	3,781,629	-	-	-	52,687	174,651	3,554,292
KIMBALL SUBSTATION	5176	66kV	-	2,079,021	10,979,039	13,058,060	-	-	-	-	2,079,021	10,979,039
KIRK WALL SUBSTATION	5178	66kV	-	-	19,940	19,940	-	-	-	-	-	19,940
RAVENDALE SUB	5179	66kV	20,819	177,055	5,325,662	5,523,536	-	-	-	20,819	177,055	5,325,662
AIRPAC SUB	5180	66kV	830	-	-	830	-	-	-	830	-	-
AZUSA CITY SUB	5181	66kV	-	29,887	1,939,389	1,969,277	-	-	-	-	29,887	1,939,389
BADILLO SUB	5182	33kV & Below	4,275	28,372	1,482,170	1,514,816	-	-	-	4,275	28,372	1,482,170
BASSETT SUB	5184	66kV	25,036	283,683	6,638,392	6,947,111	-	-	-	25,036	283,683	6,638,392
CITRUS SUB	5185	66kV	65,892	170,715	3,803,325	4,039,933	-	-	-	65,892	170,715	3,803,325
CORTEZ SUB	5186	66kV	24,041	117,997	6,886,825	7,028,862	-	-	-	24,041	117,997	6,886,825
COVINA SUB	5187	33kV & Below	2,659	2,774,899	1,665,183	4,442,741	-	-	-	2,659	2,774,899	1,665,183
DALTON SUB	5188	66kV	2,386	334,733	4,160,965	4,498,084	-	-	-	2,386	334,733	4,160,965
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	3,183,179	3,263,018	-	-	-	32,825	47,014	3,183,179
LARK ELLEN SUB	5192	66kV	72,232	51,027	2,032,239	2,155,499	-	-	-	72,232	51,027	2,032,239
MERCED SUB	5193	66kV	54,374	116,355	2,765,136	2,935,866	-	-	-	54,374	116,355	2,765,136
SANIGEN SUB	5194	66kV	-	32,976	756,898	789,874	-	-	-	-	32,976	756,898
PUENTE SUB	5195	66kV	1,220	127,236	2,240,341	2,368,796	-	-	-	1,220	127,236	2,240,341
RAILROAD SUB	5196	66kV	64,449	123,660	4,676,189	4,864,299	-	-	-	64,449	123,660	4,676,189
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	8,831,123	9,414,491	-	-	-	351,856	231,511	8,831,123
POLARIS SUB	5202	66kV	866	9,530	967,769	978,165	-	-	-	866	9,530	967,769
CULVER CITY SUB	5204	66kV	6,230	200,720	5,606,810	5,813,760	-	-	-	6,230	200,720	5,606,810
DOUGLAS-EL SEGUNDO SUB	5205	66kV	-	21,938	1,087,299	1,109,237	-	-	-	-	21,938	1,087,299
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	3,337,529	3,579,120	-	-	-	8,981	232,610	3,337,529
FAIRFAX SUB	5208	66kV	79,779	253,445	4,536,181	4,869,405	-	-	-	79,779	253,445	4,536,181
DOHENY SUB	5209	33kV & Below	69,465	86,816	2,014,980	2,171,260	-	-	-	69,465	86,816	2,014,980
HOWARD SUB	5210	66kV	196,527	182,246	2,916,715	3,295,489	-	-	-	196,527	182,246	2,916,715
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	105,912	1,449,729	1,747,708	-	-	-	192,067	105,912	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	687,577	722,096	-	-	-	2,750	31,768	687,577
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	1,064,635	1,083,040	-	-	-	2,806	15,598	1,064,635
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	1,065,861	1,156,867	-	-	-	13,087	77,919	1,065,861
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	1,339,281	1,386,739	-	-	-	2,931	44,526	1,339,281
BRIGHTON SUB	5226	66kV	77,687	126,865	1,906,597	2,111,149	-	-	-	77,687	126,865	1,906,597
REDONDO SUB	5227	33kV & Below	5,705	16,874	1,919,812	1,942,390	-	-	-	5,705	16,874	1,919,812
ROSECRANS SUB	5228	66kV	4,956	30,611	3,351,505	3,387,071	-	-	-	4,956	30,611	3,351,505
MOBIL OIL SUB	5229	66kV	11,578	152,120	13,385,728	13,549,426	-	-	-	11,578	152,120	13,385,728
SAN VINCENTE SUB	5230	33kV & Below	19,082	96,050	726,240	841,372	-	-	-	19,082	96,050	726,240
SANTA MONICA SUB	5231	66kV	19,462	414,761	10,747,119	11,181,342	-	-	-	19,462	414,761	10,747,119
VICTORIA SUB	5232	66kV	12,336	191,040	1,477,775	1,681,151	-	-	-	12,336	191,040	1,477,775
WALTERIA SUB	5233	66kV	37,069	176,172	3,922,650	4,135,891	-	-	-	37,069	176,172	3,922,650
WINDSOR HILLS SUB	5235	66kV	199,473	437,813	1,793,387	2,430,673	-	-	-	199,473	437,813	1,793,387

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
VALDEZ SUB	5236	66kV	160,109	203,955	7,537,831	7,901,895	-	-	-	160,109	203,955	7,537,831
LAWNDALE SUB	5238	33kV & Below	3,686	62,778	325,875	392,338	-	-	-	3,686	62,778	325,875
CRATER SUB	5239	66kV	7,593	76,399	3,974,922	4,058,915	-	-	-	7,593	76,399	3,974,922
RINDGE SUB	5240	33kV & Below	2,084	19,933	387,112	409,129	-	-	-	2,084	19,933	387,112
YUKON SUB	5241	66kV	29,665	100,348	4,112,932	4,242,945	-	-	-	29,665	100,348	4,112,932
COLORADO SUB	5242	66kV	19,578	225,532	10,658,120	10,903,230	-	-	-	19,578	225,532	10,658,120
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	167,140	2,931,544	3,328,222	-	-	-	229,538	167,140	2,931,544
HUGHESAIR SUB	5248	66kV	-	14,307	1,677,792	1,692,099	-	-	-	-	14,307	1,677,792
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
RALPHS SUB	5251	66kV	-	8,601	46,932	55,533	-	-	-	-	8,601	46,932
ROLLING HILLS SUB	5252	66kV	27,101	72,220	3,187,717	3,287,038	-	-	-	27,101	72,220	3,187,717
TRISONIC SUB	5253	66kV	71	8,765	-	8,836	-	-	-	71	8,765	-
HAVEDA SUB	5254	33kV & Below	7,978	35,897	304,684	348,559	-	-	-	7,978	35,897	304,684
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	906,077	918,293	-	-	-	-	12,217	906,077
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	165,474	3,071,210	3,321,932	-	-	-	85,248	165,474	3,071,210
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	1,016,393	1,051,875	-	-	-	11,438	24,044	1,016,393
TORRANCE SUB	5269	66kV	63,292	136,965	3,369,109	3,569,366	-	-	-	63,292	136,965	3,369,109
CORNER SUB	5270	66kV	-	1,826	104,325	106,151	-	-	-	-	1,826	104,325
TAHITI SUB	5271	66kV	-	151,725	1,611,562	1,763,287	-	-	-	-	151,725	1,611,562
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	1,096,286	1,100,256	-	-	-	-	3,970	1,096,286
GALAXY SUB	5274	66kV	143	8,838	915,294	924,276	-	-	-	143	8,838	915,294
MARYMOUNT SUB	5275	66kV	87,320	529,137	1,218,435	1,834,893	-	-	-	87,320	529,137	1,218,435
AIRCHEM SUB	5276	66kV	1,829	6,948	524,459	533,236	-	-	-	1,829	6,948	524,459
TAPIA SUB	5277	66kV	4,988	455,496	2,455,023	2,915,507	-	-	-	4,988	455,496	2,455,023
WESTHILL SUB	5278	66kV	2,247	6,419	905,117	913,782	-	-	-	2,247	6,419	905,117
VARWIND SUB	5279	66kV	-	122,667	3,247,629	3,370,297	-	-	-	-	122,667	3,247,629
GATX SUB	5280	66kV	-	5,014	154,038	159,052	-	-	-	-	5,014	154,038
CARBODEN SUB	5281	66kV	-	6,901	1,818,711	1,825,613	-	-	-	-	6,901	1,818,711
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	37,098	535,710	610,078	-	-	-	37,270	37,098	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	450,803	465,783	-	-	-	-	14,980	450,803
HANJIN SUBSTATION	5290	66kV	-	2,756	699,220	701,976	-	-	-	-	2,756	699,220
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
NORTHERN DIVISION	5300	DIVISION OFFICES & MI	-	-	598,867	598,867	-	-	-	-	-	598,867
PITMAN SUB	5301	33kV & Below	-	701,348	2,763,504	3,464,851	-	-	-	-	701,348	2,763,504

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
BIG CREEK 2	5302	220kV	-	6,754	82,538	89,292	-	-	-	-	6,754	82,538
BLISS SUB	5303	66kV	533	418,072	10,966,560	11,385,165	-	-	-	533	418,072	10,966,560
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
EARLIMART 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	163,830	185,944	-	-	-	2,428	19,685	163,830
GLENNVILLE SUB	5308	66kV	-	36,583	740,350	776,933	-	-	-	-	36,583	740,350
GOSHEN SUB	5309	66kV	1,398	52,092	3,045,688	3,099,178	-	-	-	1,398	52,092	3,045,688
HANFORD SUB	5310	66kV	45,307	578,216	13,324,884	13,948,407	-	-	-	45,307	578,216	13,324,884
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	8,542,550	8,932,811	-	-	-	8,311	381,950	8,542,550
ELCANS SUB	5313	66kV	-	5,324	274,662	279,986	-	-	-	-	5,324	274,662
LAUREL SUB	5315	66kV	601	9,326	1,428,147	1,438,074	-	-	-	601	9,326	1,428,147
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	5,400,521	5,485,213	-	-	-	1,554	83,138	5,400,521
PIXLEY SUB	5321	66kV	1,250	260,102	8,269,895	8,531,247	-	-	-	1,250	260,102	8,269,895
POPLAR SUB	5322	66kV	711	277,841	3,322,057	3,600,608	-	-	-	711	277,841	3,322,057
PORTERVILLE SUB	5323	66kV	2,930	260,258	8,163,278	8,426,466	-	-	-	2,930	260,258	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	2,194,285	2,254,837	-	-	-	2,537	58,015	2,194,285
TERRA BELLA SUB	5326	66kV	300	57,466	752,921	810,686	-	-	-	300	57,466	752,921
TIPTON SUB	5327	66kV	501	628,391	9,504,769	10,133,661	-	-	-	501	628,391	9,504,769
TULARE SUB	5328	66kV	3,522	297,451	11,289,392	11,590,365	-	-	-	3,522	297,451	11,289,392
VENICE HILL SUB	5329	66kV	14,777	174,853	3,711,457	3,901,087	-	-	-	14,777	174,853	3,711,457
VENIDA SUB	5330	66kV	1,683	906,542	7,621,026	8,529,252	-	-	-	1,683	906,542	7,621,026
VISALIA SUB	5331	66kV	198	86,689	4,662,295	4,749,183	-	-	-	198	86,689	4,662,295
WALKERBASIN SUB	5332	66kV	-	37,943	116,860	154,803	-	-	-	-	37,943	116,860
WOODVILLE SUB	5333	66kV	200	12,066	2,055,918	2,068,183	-	-	-	200	12,066	2,055,918
KAWGEN SUB	5334	66kV	-	5,506	16,154	21,660	-	-	-	-	5,506	16,154
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	129,114	139,653	-	-	-	1,318	9,221	129,114
QUINN SUB	5343	66kV	5,352	6,114	302,023	313,488	-	-	-	5,352	6,114	302,023
WOODLAKE SUB	5344	33kV & Below	5,748	3,591	78,469	87,807	-	-	-	5,748	3,591	78,469
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	17,461	679,489	701,609	-	-	-	4,659	17,461	679,489
WHEATLAND SUB	5348	66kV	1,739	16,676	1,064,893	1,083,308	-	-	-	1,739	16,676	1,064,893
THREE RIVERS SUB	5350	66kV	2,788	40,519	403,610	446,918	-	-	-	2,788	40,519	403,610
BOXWOOD SUB	5351	66kV	6,973	34,507	628,549	670,029	-	-	-	6,973	34,507	628,549
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	1,655,699	2,017,950	-	-	-	-	362,251	1,655,699
CUMMINGS SUB	5357	66kV	679	12,926	1,172,975	1,186,580	-	-	-	679	12,926	1,172,975
MONOLITH SUB	5358	66kV	296	640,439	8,271,512	8,912,246	-	-	-	296	640,439	8,271,512
BREEZE SUB	5360	66kV	43,084	1,482	2,603,967	2,648,533	-	-	-	43,084	1,482	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	-	30,744	346,030	376,774	-	-	-	-	30,744	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
CAPTAN SUB	5372	66kV	36,252	19,028	2,204,414	2,259,693	-	-	-	36,252	19,028	2,204,414

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
PROTEIN SUBSTATION	5373	66kV	-	62,485	1,036,760	1,099,245	-	-	-	-	62,485	1,036,760
RIVERWAY SUB	5374	66kV	-	499,194	11,262,479	11,761,673	-	-	-	-	499,194	11,262,479
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	-	-	87,287	87,287	-	-	-	-	-	87,287
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	-	-	109,689	109,689	-	-	-	-	-	109,689
SOUTHWIND SUB	5423	66kV	72,875	113,162	270,482	456,519	-	-	-	72,875	113,162	270,482
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	4,116,340	4,379,210	-	-	-	27,650	235,220	4,116,340
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	648,721	678,408	-	-	-	-	29,688	648,721
NORTHERN DIV SUB	5500	DIVISION OFFICES & MI	-	-	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	2,315,857	2,538,508	-	-	-	3,006	219,644	2,315,857
CASITAS SUB	5504	66kV	1,281	186,862	4,190,507	4,378,651	-	-	-	1,281	186,862	4,190,507
COLONIA SUB	5505	66kV	1,945	328,540	7,006,072	7,336,558	-	-	-	1,945	328,540	7,006,072
CHANNEL ISLANDS SUB	5506	66kV	97,258	443,016	3,464,404	4,004,678	-	-	-	97,258	443,016	3,464,404
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	382,654	5,903,778	6,287,925	-	-	-	1,493	382,654	5,903,778
OXGEN SUB	5509	66kV	554	86	9,815	10,456	-	-	-	554	86	9,815
FILLMORE SUB	5510	66kV	58,777	211,461	2,023,252	2,293,490	-	-	-	58,777	211,461	2,023,252
GOLDTOWN SUB	5511	66kV	187	148,977	1,787,024	1,936,188	-	-	-	187	148,977	1,787,024
LANCASTER SUB	5514	66kV	-	333,422	5,975,489	6,308,911	-	-	-	-	333,422	5,975,489
COLEGIO SUBSTATION	5515	66kV	-	24,287	970,726	995,013	-	-	-	-	24,287	970,726
PROCGEN SUB	5516	66kV	-	58,841	2,077,869	2,136,710	-	-	-	-	58,841	2,077,869
CAMARILLO SUB	5517	66kV	28,584	422,945	5,677,184	6,128,713	-	-	-	28,584	422,945	5,677,184
LITTLE ROCK SUB	5518	66kV	443	367,752	8,625,515	8,993,710	-	-	-	443	367,752	8,625,515
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	1,033,663	1,105,390	-	-	-	6,752	64,975	1,033,663
UNIOIL SUB	5521	66kV	-	25,088	821,363	846,452	-	-	-	-	25,088	821,363
NORTHWIND SUB	5523	66kV	-	77,035	373,365	450,400	-	-	-	-	77,035	373,365
SHUTTLE SUB	5522	66kV	11,913	432,521	7,623,460	8,067,894	-	-	-	11,913	432,521	7,623,460
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	4,154,938	5,410,890	-	-	-	389,361	866,592	4,154,938
OJAI SUB	5526	66kV	18,795	92,489	1,706,533	1,817,816	-	-	-	18,795	92,489	1,706,533
OXNARD SUB	5527	33kV & Below	7,735	66,117	1,421,239	1,495,091	-	-	-	7,735	66,117	1,421,239
PIERPONT SUB	5528	33kV & Below	1,727	28,038	1,149,476	1,179,242	-	-	-	1,727	28,038	1,149,476
PIRU SUB	5529	33kV & Below	-	13,026	13,026	-	-	-	-	-	13,026	-
REDMAN WUB	5530	66kV	959	18,768	751,033	770,760	-	-	-	959	18,768	751,033
SANTA BARBARA SUB	5531	66kV	36,967	307,367	5,135,370	5,479,703	-	-	-	36,967	307,367	5,135,370
SANTA SUSANA SUB	5532	66kV	5,325	150,193	7,266,167	7,421,685	-	-	-	5,325	150,193	7,266,167
SATICOY SUB	5534	66kV	12,556	661,718	3,021,168	3,695,442	-	-	-	12,556	661,718	3,021,168
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	1,356,667	1,387,269	-	-	-	2,602	28,001	1,356,667
VENTURA SUB	5538	33kV & Below	3,099	83,513	966,112	1,052,724	-	-	-	3,099	83,513	966,112
ROSAMOND SUB	5541	66kV	1,088	77,815	2,300,494	2,379,396	-	-	-	1,088	77,815	2,300,494
NORTH OAKS	5542	66kV	141,650	192,518	6,058,539	6,392,707	-	-	-	141,650	192,518	6,058,539
WILLAMETTE SUB	5543	66kV	-	11,660	505,487	517,147	-	-	-	-	11,660	505,487
CAMAR SUB	5544	33kV & Below	-	17,698	52,376	70,074	-	-	-	-	17,698	52,376
PIUTE SUB	5545	66kV	3,757	55,480	619,930	679,166	-	-	-	3,757	55,480	619,930
ELIZABETH LAKE SUB	5546	66kV	86,331	190,256	7,226,824	7,503,411	-	-	-	86,331	190,256	7,226,824
OASIS SUB	5548	66kV	5,188	1,523,550	9,254,860	10,783,598	-	-	-	5,188	1,523,550	9,254,860

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities

DISTRIBUTION SUBSTATION FACILITIES

(\$)

DESCRIPTION	LOCATION NUMBER	Voltage	DISTRIBUTION ACCOUNT			A/C 360-362 TOTAL	ISO RELATED			NON-ISO RELATED PLANT		
			A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment		A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	Station Equipment	A/C 360 Land & Land Rights	A/C 361 Structures & Improvements	A/C 362 Station Equipment
PORTER SUB	5549	33kV & Below	881	5,064	392,000	397,945	-	-	-	881	5,064	392,000
SAN FERNANDO SUB	5550	66kV	519	120,637	3,423,659	3,544,815	-	-	-	519	120,637	3,423,659
MAC NEIL SUBSTATION	5551	66kV	2,903	22,947	1,265,840	1,291,690	-	-	-	2,903	22,947	1,265,840
LEVY SUB	5552	66kV	16,548	165,645	2,200,009	2,382,202	-	-	-	16,548	165,645	2,200,009
CAL CEMENT SUB	5553	66kV	-	50,567	1,419,066	1,469,633	-	-	-	-	50,567	1,419,066
SHELLSOM SUB	5554	66kV	1,155	3,687	29,468	34,310	-	-	-	1,155	3,687	29,468
CHATSWORTH SUB	5555	66kV	3,166	31,942	3,074,773	3,109,882	-	-	-	3,166	31,942	3,074,773
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	8,620,725	8,835,762	-	-	-	55,458	159,579	8,620,725
SOLEMINT SUB	5560	66kV	17,363	247,803	3,016,485	3,281,651	-	-	-	17,363	247,803	3,016,485
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	103,941	2,998,323	3,121,745	-	-	-	19,480	103,941	2,998,323
PALMDALE SUB	5564	66kV	62,303	433,884	7,508,732	8,004,919	-	-	-	62,303	433,884	7,508,732
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	3,132,477	3,145,493	-	-	-	2,213	10,803	3,132,477
THOUSAND OAKS SUB	5569	66kV	50,503	157,379	8,541,770	8,749,651	-	-	-	50,503	157,379	8,541,770
VEGAS SUB	5570	66kV	44,273	119,220	2,644,327	2,807,820	-	-	-	44,273	119,220	2,644,327
GAVIOTA SUB	5572	66kV	9,947	77,021	1,439,688	1,526,657	-	-	-	9,947	77,021	1,439,688
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	287,807	5,130,754	5,456,239	-	-	-	37,678	287,807	5,130,754
SAN MIGUEL SUB	5577	66kV	50,004	88,468	2,419,879	2,558,351	-	-	-	50,004	88,468	2,419,879
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	4,759,155	4,903,375	-	-	-	33,431	110,789	4,759,155
ROYAL SUB	5580	66kV	37,664	135,582	5,891,609	6,064,855	-	-	-	37,664	135,582	5,891,609
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	1,271,175	1,274,894	-	-	-	-	3,719	1,271,175
UNIVERSAL CITY SUB	5584	66kV	12,340	9,320	642,025	663,685	-	-	-	12,340	9,320	642,025
SAN MARCOS SUB	5585	66kV	28,884	66,779	1,345,011	1,440,675	-	-	-	28,884	66,779	1,345,011
GONZALES SUB	5587	66kV	144,447	136,435	5,897,523	6,178,406	-	-	-	144,447	136,435	5,897,523
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
HASKELL SUB	5594	66kV	28,940	289,993	6,205,850	6,524,783	-	-	-	28,940	289,993	6,205,850
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	4,677,824	4,972,956	-	-	-	73,582	221,551	4,677,824
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	8,691,916	9,508,631	-	-	-	17,910	798,804	8,691,916
ARRO SUB	5602	33kV & Below	2,514	33,873	1,063,861	1,100,248	-	-	-	2,514	33,873	1,063,861
TROPHY SUB	5603	66kV	60,671	393,437	7,299,277	7,753,384	-	-	-	60,671	393,437	7,299,277
TIMOTEO SUB	5604	66kV	8,333	443,592	3,796,087	4,248,011	-	-	-	8,333	443,592	3,796,087
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	293,907	300,334	-	-	-	2,627	3,800	293,907
CAPSULE SUB	5607	66kV	680	5,934	39,513	46,127	-	-	-	680	5,934	39,513
CARDIFF SUB	5608	66kV	10,891	242,364	10,190,009	10,443,264	-	-	-	10,891	242,364	10,190,009
PLASTIC SUB	5609	66kV	-	10,453	326,993	337,446	-	-	-	-	10,453	326,993
COLTON SUB	5610	66kV	5,846	156,721	3,071,559	3,234,126	-	-	-	5,846	156,721	3,071,559
LIVE OAK SUB	5611	66kV	17,348	158,159	5,839,160	6,014,668	-	-	-	17,348	158,159	5,839,160
INLAND CONTAINER SUB	5612	66kV	-	3,994	83,171	87,165	-	-	-	-	3,994	83,171
AGUA MANSA SUB	5613	66kV	-	-	22,148	22,148	-	-	-	-	-	22,148
PEYTON SUB	5614	66kV	24,965	252,610	6,330,940	6,608,515	-	-	-	24,965	252,610	6,330,940
DECLIZ SUB	5615	66kV	3,638	104,601	8,579,277	8,687,517	-	-	-	3,638	104,601	8,579,277
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	4,610,451	4,741,793	-	-	-	4,738	126,603	4,610,451
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	491,706	6,708,630	7,202,251	-	-	-	1,915	491,706	6,708,630
BLOOMINGTON SUB	5620	66kV	14,412	243,863	7,933,937	8,192,212	-	-	-	14,412	243,863	7,933,937
HUSTON SUB	5621	33kV & Below	9,257	28,410	2,742,931	2,780,599	-	-	-	9,257	28,410	2,742,931

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
JUNCTION SUB	5622	33kV & Below	-	129,668	496,750	626,418	-	-	-	-	129,668	496,750
KELLOGG SUB	5623	66kV	-	-	6,993	6,993	-	-	-	-	-	6,993
NORCO SUB	5624	33kV & Below	1,612	3,319	232,846	237,777	-	-	-	1,612	3,319	232,846
ONTARIO SUB	5625	33kV & Below	4,295	57,704	1,657,852	1,719,850	-	-	-	4,295	57,704	1,657,852
PEDLEY SUB	5626	66kV	880	59,716	4,859,945	4,920,541	-	-	-	880	59,716	4,859,945
POMONA SUB	5627	33kV & Below	7,625	58,419	946,256	1,012,300	-	-	-	7,625	58,419	946,256
TENNESSEE SUB	5628	66kV	18,482	231,278	4,420,451	4,670,211	-	-	-	18,482	231,278	4,420,451
REDLANDS SUB	5629	66kV	20,169	114,052	6,659,394	6,793,615	-	-	-	20,169	114,052	6,659,394
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	4,786,105	4,932,739	-	-	-	5,741	140,893	4,786,105
STODDARD SUB	5632	33kV & Below	5,802	160,319	1,739,299	1,905,420	-	-	-	5,802	160,319	1,739,299
SAN DIMAS SUB	5633	66kV	6,635	125,628	2,933,140	3,065,402	-	-	-	6,635	125,628	2,933,140
KAISER STEEL SUB	5634	66kV	-	-	415,140	415,140	-	-	-	-	-	415,140
UPLAND SUB	5635	66kV	4,772	197,181	5,259,652	5,461,605	-	-	-	4,772	197,181	5,259,652
YUCAIPA SUB	5636	66kV	6,287	135,306	7,385,720	7,527,313	-	-	-	6,287	135,306	7,385,720
TIPPECANOE SUB	5637	33kV & Below	6,560	20,114	785,430	812,104	-	-	-	6,560	20,114	785,430
KEM SUB	5638	66kV	-	1,489	551,261	552,750	-	-	-	-	1,489	551,261
FRANCIS SUB	5639	66kV	21,324	55,217	3,595,457	3,671,998	-	-	-	21,324	55,217	3,595,457
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
EUCUID SUB	5644	33kV & Below	2,156	10,237	400,317	412,710	-	-	-	2,156	10,237	400,317
LAYFAIR SUB	5645	66kV	3,268	125,478	7,307,857	7,436,603	-	-	-	3,268	125,478	7,307,857
COLTON CEMENT SUB	5646	66kV	-	22,182	992,020	1,014,202	-	-	-	-	22,182	992,020
VALENCIA SUB	5647	33kV & Below	8,437	75,471	366,889	450,796	-	-	-	8,437	75,471	366,889
NAROD SUB	5648	66kV	6,865	83,469	2,996,414	3,086,748	-	-	-	6,865	83,469	2,996,414
LINDE AIR SUB	5650	66kV	-	2,897	371,263	374,160	-	-	-	-	2,897	371,263
AMERON SUB	5652	66kV	11,898	14,597	1,278,684	1,305,180	-	-	-	11,898	14,597	1,278,684
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	258,129	3,865,612	4,126,372	-	-	-	2,631	258,129	3,865,612
NOGALES SUB	5655	66kV	23,176	87,297	2,947,206	3,057,679	-	-	-	23,176	87,297	2,947,206
BAIN SUB	5656	66kV	28,695	395,324	3,856,838	4,280,858	-	-	-	28,695	395,324	3,856,838
WHEEL SUB	5657	66kV	882	-	-	882	-	-	-	882	-	-
PIPE SUB	5658	66kV	410	16,221	1,055,580	1,072,211	-	-	-	410	16,221	1,055,580
ARCHIBALD SUB	5659	66kV	9,307	236,361	6,058,395	6,304,063	-	-	-	9,307	236,361	6,058,395
RUNNING SPRINGS SUB	5661	33kV & Below	12,065	29,977	1,375,702	1,417,743	-	-	-	12,065	29,977	1,375,702
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	4,363,898	4,770,414	-	-	-	-	406,516	4,363,898
HAVASU SUB	5665	66kV	2,142	7,329	297,158	306,629	-	-	-	2,142	7,329	297,158
ARCHLINE SUB	5667	66kV	19,821	170,604	4,751,691	4,942,115	-	-	-	19,821	170,604	4,751,691
CRESTMORE SUB	5668	66kV	850	3,351	140,140	144,342	-	-	-	850	3,351	140,140
DEL ROSA SUB	5670	66kV	14,078	205,889	3,325,904	3,545,871	-	-	-	14,078	205,889	3,325,904
ALDER SUB	5672	66kV	8,032	237,521	9,257,408	9,502,960	-	-	-	8,032	237,521	9,257,408
WHIPPLE SUB	5674	66kV	14,262	137,256	1,465,908	1,617,425	-	-	-	14,262	137,256	1,465,908
CUCAMONGA SUB	5677	66kV	13,341	266,107	5,747,880	6,027,328	-	-	-	13,341	266,107	5,747,880
LANDING SUB	5678	66kV	4,700	14,535	1,516,315	1,535,549	-	-	-	4,700	14,535	1,516,315
CHASE SUB	5679	66kV	-	534,447	8,425,205	8,959,653	-	-	-	-	534,447	8,425,205
DIAMOND BAR SUB	5680	66kV	505,887	271,703	4,529,873	5,307,463	-	-	-	505,887	271,703	4,529,873
GARDEN STATE SUB	5681	66kV	-	6,899	10,500	17,399	-	-	-	-	6,899	10,500
UNIMED SUB	5682	66kV	-	-	12,137	12,137	-	-	-	-	-	12,137
DELGEN SUB	5683	66kV	-	9,269	96,303	105,572	-	-	-	-	9,269	96,303
CIMGEN SUB	5685	66kV	-	1,333	302,876	304,208	-	-	-	-	1,333	302,876
SOQUEL SUB	5686	66kV	333,364	623,976	5,014,654	5,971,994	-	-	-	333,364	623,976	5,014,654
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	652,270	685,933	-	-	-	28,833	4,829	652,270
FIBRE SUB	5696	66kV	-	13,172	891,247	904,419	-	-	-	-	13,172	891,247
POLYPRO SUB	5697	66kV	-	43,119	1,001,174	1,044,293	-	-	-	-	43,119	1,001,174
KINDER SUB.	5699	66kV	-	30,407	481,045	511,452	-	-	-	-	30,407	481,045
ALON SUB	5701	66kV	13,817	116,587	4,367,766	4,498,170	-	-	-	13,817	116,587	4,367,766
VIDEO SUB	5702	66kV	11,549	-	-	11,549	-	-	-	11,549	-	-

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
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	1,565,601	1,601,429	-	-	-	3,742	32,086	1,565,601
BIXBY SUB	5707	33kV & Below	18,626	81,054	294,854	394,534	-	-	-	18,626	81,054	294,854
BOWL SUB	5708	66kV	21,182	144,012	3,343,965	3,509,159	-	-	-	21,182	144,012	3,343,965
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	42,888	502,545	559,655	-	-	-	14,222	42,888	502,545
CARSON SUB	5711	66kV	95,073	331,606	2,662,994	3,089,673	-	-	-	95,073	331,606	2,662,994
CAMERON SUB	5712	66kV	-	170,362	4,475,014	4,645,376	-	-	-	-	170,362	4,475,014
CUDAHY SUB	5714	66kV	23,610	239,995	7,110,740	7,374,344	-	-	-	23,610	239,995	7,110,740
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	2,828,036	2,919,706	-	-	-	39,968	51,701	2,828,036
ASTRO SUB	5719	66kV	-	7,855	713,914	721,769	-	-	-	-	7,855	713,914
FREEMONT SUB	5720	66kV	96,955	125,848	2,533,499	2,756,302	-	-	-	96,955	125,848	2,533,499
DIKE SUBSTATION	5721	66kV	-	29,829	1,566,116	1,595,945	-	-	-	-	29,829	1,566,116
PICO SUBSTATION	5722	66kV	-	286,555	5,263,060	5,549,615	-	-	-	-	286,555	5,263,060
CORNUTA SUBSTATION	5723	66kV	86,695	122,126	2,421,174	2,629,995	-	-	-	86,695	122,126	2,421,174
GRAHAM SUBSTATION	5725	33kV & Below	3,622	233,521	631,203	868,347	-	-	-	3,622	233,521	631,203
HATHAWAY SUBSTATION	5726	66kV	26,442	125,518	4,417,299	4,569,259	-	-	-	26,442	125,518	4,417,299
ATHENS SUBSTATION	5727	33kV & Below	8,170	44,170	1,056,311	1,108,651	-	-	-	8,170	44,170	1,056,311
HUNTINGTON PARK SUB	5728	33kV & Below	1,512	96,112	2,683,312	2,780,935	-	-	-	1,512	96,112	2,683,312
PACLINE SUBSTATION	5730	66kV	1,790	4,548	567,421	573,760	-	-	-	1,790	4,548	567,421
LYNWOOD SUBSTATION	5731	33kV & Below	15,754	47,377	871,616	934,747	-	-	-	15,754	47,377	871,616
MAYWOOD SUBSTATION	5732	33kV & Below	2,736	64,613	1,184,227	1,251,576	-	-	-	2,736	64,613	1,184,227
LAKEWOOD SUBSTATION	5733	66kV	2,066	63,465	629,464	694,995	-	-	-	2,066	63,465	629,464
LINDEN SUBSTATION	5734	33kV & Below	1,533	21,314	700,747	723,594	-	-	-	1,533	21,314	700,747
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	1,621,784	2,109,083	-	-	-	176,528	310,770	1,621,784
RANDOLPH SUBSTATION	5739	66kV	18,869	96,246	1,717,730	1,832,845	-	-	-	18,869	96,246	1,717,730
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	130,907	132,348	-	-	-	-	1,441	130,907
OLDFIELD SUBSTATION	5744	33kV & Below	11,496	61,361	1,138,612	1,211,468	-	-	-	11,496	61,361	1,138,612
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	63,722	2,166,932	2,252,453	-	-	-	21,800	63,722	2,166,932
CALDEN SUBSTATION	5750	66kV	109,960	77,221	837,110	1,024,291	-	-	-	109,960	77,221	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	2,396,375	2,612,716	-	-	-	23,308	193,033	2,396,375
SOMERSET SUBSTATION	5754	66kV	5,781	127,401	2,962,481	3,095,663	-	-	-	5,781	127,401	2,962,481
STATE STREET SUBSTATION	5755	66kV	36,338	230,383	3,686,902	3,953,624	-	-	-	36,338	230,383	3,686,902
BULLIS SUBSTATION	5756	66kV	7,072	234,429	2,580,156	2,821,656	-	-	-	7,072	234,429	2,580,156
WEBCO SUBSTATION	5757	66kV	-	6,727	222,111	228,838	-	-	-	-	6,727	222,111
WATSON SUBSTATION	5758	66kV	65,255	87,991	1,927,694	2,080,940	-	-	-	65,255	87,991	1,927,694
THUMS "C" SUBSTATION	5759	66kV	-	1,521	171,607	173,128	-	-	-	-	1,521	171,607
THUMS "D" SUBSTATION	5760	66kV	-	1,644	130,775	132,419	-	-	-	-	1,644	130,775
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	146,530	733,358	901,613	-	-	-	21,725	146,530	733,358
COMPTON SUBSTATION	5767	33kV & Below	1,227	58,663	465,679	525,569	-	-	-	1,227	58,663	465,679
BROADWAY	5768	66kV	96,151	143,635	2,163,669	2,403,455	-	-	-	96,151	143,635	2,163,669
CLARK SUBSTATION	5769	66kV	7,529	50,955	1,658,467	1,716,951	-	-	-	7,529	50,955	1,658,467
GAGE SUBSTATION	5770	33kV & Below	1,200	15,801	991,591	1,008,593	-	-	-	1,200	15,801	991,591
LUCAS SUBSTATION	5771	66kV	11,216	387,695	6,100,920	6,499,832	-	-	-	11,216	387,695	6,100,920
IMPERIAL SUB	5772	66kV	22,377	75,713	3,238,831	3,336,920	-	-	-	22,377	75,713	3,238,831
FUEL SUBSTATION	5773	66kV	-	12,379	282,871	295,250	-	-	-	-	12,379	282,871
LONGDON SUBSTATION	5774	33kV & Below	2,943	38,358	475,038	516,340	-	-	-	2,943	38,358	475,038
DOMHILL SUBSTATION	5775	66kV	-	16,317	238,827	255,143	-	-	-	-	16,317	238,827
JERSEY SUBSTATION	5776	66kV	30,305	243,990	4,393,534	4,667,828	-	-	-	30,305	243,990	4,393,534
WOODRUFF SUBSTATION	5777	33kV & Below	12,169	419,849	1,875,276	2,307,294	-	-	-	12,169	419,849	1,875,276
DAVIDSON CITY	5779	33kV & Below	4,957	42,505	439,037	486,499	-	-	-	4,957	42,505	439,037
NAOMI SUBSTATION	5780	33kV & Below	18,552	58,706	540,250	617,508	-	-	-	18,552	58,706	540,250

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
NEPTUNE SUBSTATION	5781	66kV	52,528	108,615	2,117,994	2,279,137	-	-	-	52,528	108,615	2,117,994
DOUGOIL SUB	5782	66kV	-	23,527	1,391,077	1,414,604	-	-	-	-	23,527	1,391,077
ERIC SUBSTATION	5783	66kV	49,964	303,753	2,258,483	2,612,200	-	-	-	49,964	303,753	2,258,483
HEDDA SUBSTATION	5784	33kV & Below	3,773	58,196	586,587	648,556	-	-	-	3,773	58,196	586,587
SUNNYSIDE SUBSTATION	5785	66kV	32,118	103,187	2,863,153	2,998,458	-	-	-	32,118	103,187	2,863,153
SOUTH GATE SUBSTATION	5787	33kV & Below	4,092	156,580	1,034,782	1,195,454	-	-	-	4,092	156,580	1,034,782
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	56,507	565,605	622,459	-	-	-	347	56,507	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	345,755	4,243,321	4,612,800	-	-	-	23,724	345,755	4,243,321
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	1,485,073	1,495,795	-	-	-	-	10,722	1,485,073
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	75,810	1,575,345	1,702,050	-	-	-	50,896	75,810	1,575,345
MODENA SUBSTATION	5802	66kV	31,252	399,522	5,548,423	5,979,196	-	-	-	31,252	399,522	5,548,423
SMITH TOOL SUBSTATION	5803	66kV	5,082	-	-	5,082	-	-	-	5,082	-	-
ATWOOD SUBSTATION	5804	66kV	9,422	159,737	3,208,084	3,377,242	-	-	-	9,422	159,737	3,208,084
BAYSIDE SUBSTATION	5805	66kV	44,428	52,244	4,678,992	4,775,663	-	-	-	44,428	52,244	4,678,992
APOLLO SUBSTATION	5806	66kV	597	12,899	1,076,896	1,090,392	-	-	-	597	12,899	1,076,896
BOLSA SUBSTATION	5807	66kV	34,046	47,745	2,992,176	3,073,966	-	-	-	34,046	47,745	2,992,176
BRYAN SUBSTATION	5808	66kV	14,865	122,091	7,480,862	7,617,817	-	-	-	14,865	122,091	7,480,862
SLATER SUBSTATION	5809	66kV	75,818	308,060	4,357,713	4,741,592	-	-	-	75,818	308,060	4,357,713
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	566,458	7,614,847	8,829,811	-	-	-	648,506	566,458	7,614,847
MURPHY SUB	5812	66kV	61,155	42,051	1,168,440	1,271,646	-	-	-	61,155	42,051	1,168,440
CAROLINA SUBSTATION	5813	66kV	31,263	136,885	4,339,875	4,508,023	-	-	-	31,263	136,885	4,339,875
CARMENITA SUBSTATION	5814	66kV	6,616	493,616	7,307,901	7,808,132	-	-	-	6,616	493,616	7,307,901
PAPER SUBSTATION	5815	66kV	1,488	10,365	440,083	451,936	-	-	-	1,488	10,365	440,083
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	48,957	1,950,996	2,052,123	-	-	-	52,170	48,957	1,950,996
DOWNEY SUB	5820	33kV & Below	8,033	22,467	480,951	511,451	-	-	-	8,033	22,467	480,951
FAIRVIEW SUBSTATION	5821	66kV	1,818	217,531	7,579,562	7,798,912	-	-	-	1,818	217,531	7,579,562
FULLERTON SUBSTATION	5822	66kV	20,432	32,013	3,559,587	3,612,031	-	-	-	20,432	32,013	3,559,587
GALLATIN SUB	5823	66kV	19,042	29,013	2,082,680	2,130,735	-	-	-	19,042	29,013	2,082,680
WEICO SUBSTATION	5824	66kV	-	-	75	75	-	-	-	-	-	75
HAMILTON SUBSTATION	5825	66kV	11,053	331,210	5,823,046	6,165,309	-	-	-	11,053	331,210	5,823,046
CAMDEN SUBSTATION	5826	66kV	183,449	203,210	2,869,604	3,256,263	-	-	-	183,449	203,210	2,869,604
WAVE SUBSTATION	5828	66kV	1,978	156,050	2,075,575	2,233,603	-	-	-	1,978	156,050	2,075,575
IRVINE SUBSTATION	5829	66kV	2,643	326,159	9,572,923	9,901,726	-	-	-	2,643	326,159	9,572,923
SOUTH PAC SUBSTATION	5830	66kV	-	14,413	135,771	150,185	-	-	-	-	14,413	135,771
LA HABRA SUBSTATION	5832	66kV	916	281,913	2,306,476	2,589,306	-	-	-	916	281,913	2,306,476
GILBERT SUBSTATION	5833	66kV	42,324	67,547	3,686,407	3,796,278	-	-	-	42,324	67,547	3,686,407
LA MIRADA SUBSTATION	5834	66kV	52,555	100,598	1,933,293	2,086,446	-	-	-	52,555	100,598	1,933,293
LA VETA SUBSTATION	5835	66kV	77,254	78,221	5,126,567	5,282,042	-	-	-	77,254	78,221	5,126,567
MORRO SUBSTATION	5836	66kV	20,036	155,014	5,089,088	5,264,138	-	-	-	20,036	155,014	5,089,088
CYPRESS SUBSTATION	5837	66kV	25,204	344,347	7,454,845	7,824,397	-	-	-	25,204	344,347	7,454,845
NARROWS SUB	5838	66kV	30,474	193,416	5,900,284	6,124,175	-	-	-	30,474	193,416	5,900,284
SUNNYHILLS SUBSTATION	5840	66kV	-	6,260	267,657	273,917	-	-	-	-	6,260	267,657
LEANDRO SUBSTATION	5841	66kV	-	466,741	-	466,741	-	-	-	-	466,741	-
OCEANVIEW SUBSTATION	5842	66kV	6,909	361,409	7,469,090	7,837,408	-	-	-	6,909	361,409	7,469,090
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
MERCURY SUB	5846	66kV	503	-	-	503	-	-	-	503	-	-
RIVERA SUB	5848	33kV & Below	3,356	57,302	335,968	396,626	-	-	-	3,356	57,302	335,968

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
SANTA ANA SUBSTATION	5849	33kV & Below	19,605	-	-	19,605	-	-	-	19,605	-	-
SANTA FE SPRINGS SUB	5850	66kV	26,233	115,060	5,803,618	5,944,911	-	-	-	26,233	115,060	5,803,618
GISLER SUBSTATION	5851	66kV	141,656	194,546	4,542,598	4,878,800	-	-	-	141,656	194,546	4,542,598
STEWART SUB	5852	66kV	83,295	67,562	3,113,470	3,264,327	-	-	-	83,295	67,562	3,113,470
TALBERT SUBSTATION	5853	66kV	23,620	163,569	3,046,833	3,234,022	-	-	-	23,620	163,569	3,046,833
BROOKHURST SUBSTATION	5854	66kV	118,649	228,244	3,533,425	3,880,318	-	-	-	118,649	228,244	3,533,425
WASHINGTON SUBSTATION	5856	66kV	86,492	69,605	1,827,565	1,983,662	-	-	-	86,492	69,605	1,827,565
SPONGE SUB	5857	66kV	-	10,308	53,525	63,833	-	-	-	-	10,308	53,525
CEDARWOOD SUBSTATION	5859	33kV & Below	3,886	33,322	1,133,094	1,170,301	-	-	-	3,886	33,322	1,133,094
ALTON SUBSTATION	5860	66kV	62,261	-	-	62,261	-	-	-	62,261	-	-
CHESTNUT SUBSTATION	5861	66kV	1,681	71,281	4,294,086	4,367,047	-	-	-	1,681	71,281	4,294,086
SULLIVAN SUBSTATION	5862	66kV	14,328	463,964	3,351,931	3,830,223	-	-	-	14,328	463,964	3,351,931
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	1,034,484	1,084,708	-	-	-	3,840	46,385	1,034,484
ESTRELLA SUBSTATION	5865	66kV	130,440	291,455	6,831,480	7,253,375	-	-	-	130,440	291,455	6,831,480
MARION SUBSTATION	5866	66kV	95,573	58,146	3,793,426	3,947,146	-	-	-	95,573	58,146	3,793,426
ARCH BEACH SUBSTATION	5867	33kV & Below	7,596	30,895	270,222	308,713	-	-	-	7,596	30,895	270,222
SHAWNREE SUBSTATION	5869	66kV	94,825	67,191	1,760,257	1,922,273	-	-	-	94,825	67,191	1,760,257
LAMPSON SUBSTATION	5870	66kV	143,291	120,786	4,712,137	4,976,213	-	-	-	143,291	120,786	4,712,137
NORSEAL SUBSTATION	5871	66kV	-	25,437	595,497	620,934	-	-	-	-	25,437	595,497
LA FAYETTE SUBSTATION	5872	66kV	109,897	143,368	5,449,845	5,703,111	-	-	-	109,897	143,368	5,449,845
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	183,682	6,352,773	6,637,343	-	-	-	100,888	183,682	6,352,773
EDINGER SUBSTATION	5875	33kV & Below	11,499	53,438	1,571,827	1,636,764	-	-	-	11,499	53,438	1,571,827
TUSTIN SUBSTATION	5878	66kV	-	84,595	-	84,595	-	-	-	-	84,595	-
CABRILLO SUBSTATION	5879	66kV	72,333	301,729	10,334,122	10,708,184	-	-	-	72,333	301,729	10,334,122
YORBA LINDA SUBSTATION	5880	66kV	109,294	126,856	5,983,691	6,219,841	-	-	-	109,294	126,856	5,983,691
BASTA SUBSTATION	5883	33kV & Below	6,540	21,105	1,386,966	1,414,611	-	-	-	6,540	21,105	1,386,966
BURRIS PIT	5884	66kV	-	17,726	589,360	607,086	-	-	-	-	17,726	589,360
POWERINE SUB	5885	66kV	-	14,763	965,762	980,525	-	-	-	-	14,763	965,762
PIONEER SUB	5886	66kV	145,164	275,733	2,650,965	3,071,862	-	-	-	145,164	275,733	2,650,965
BORREGO SUBSTATION	5887	66kV	40,290	416,387	6,674,486	7,131,163	-	-	-	40,290	416,387	6,674,486
WESTGATE SUB	5888	33kV & Below	23,707	19,428	916,191	959,326	-	-	-	23,707	19,428	916,191
PLACENTIA SUBSTATION	5889	66kV	62,828	199,192	3,040,903	3,302,923	-	-	-	62,828	199,192	3,040,903
CANYON SUBSTATION	5890	66kV	11,185	189,676	3,848,695	4,049,556	-	-	-	11,185	189,676	3,848,695
FRIENDLY HILLS SUB	5891	33kV & Below	11,260	116,118	2,238,350	2,365,728	-	-	-	11,260	116,118	2,238,350
TELEGRAPH SUB	5892	66kV	5,865	108,592	3,817,175	3,931,632	-	-	-	5,865	108,592	3,817,175
PASSONS SUB	5893	66kV	98,244	87,557	1,089,181	1,274,983	-	-	-	98,244	87,557	1,089,181
AMMONIA SUBSTATION	5894	66kV	-	1,711	-	1,711	-	-	-	-	1,711	-
PAULARINO SUBSTATION	5895	33kV & Below	8,006	66,204	822,549	896,760	-	-	-	8,006	66,204	822,549
NIGUEL SUBSTATION	5896	66kV	46,880	167,496	8,702,383	8,916,759	-	-	-	46,880	167,496	8,702,383
SOCO SUBSTATION	5897	66kV	-	4,229	498,717	502,946	-	-	-	-	4,229	498,717
FLORADAY SUB	5898	33kV & Below	11,336	15,172	343,652	370,161	-	-	-	11,336	15,172	343,652
TRASK SUBSTATION	5899	66kV	16,481	71,500	4,052,070	4,140,051	-	-	-	16,481	71,500	4,052,070
HOPEFUL SUB	5901	66kV	6,999	28,568	637,845	673,412	-	-	-	6,999	28,568	637,845
SKINWATER SUB	5903	-	-	347,639	1,040,901	1,388,540	-	-	-	-	347,639	1,040,901
Customer Service	60--	CSTMR SRVC FAC.	84,541,618	316,020,076	324,566	400,886,260	-	-	-	84,541,618	316,020,076	324,566
Customer Service	61--	CSTMR SRVC FAC.	89,055	7,668,803	-	7,757,858	-	-	-	89,055	7,668,803	-
Customer Service	62--	CSTMR SRVC FAC.	-	9,447,331	-	9,447,331	-	-	-	-	9,447,331	-
INYO COUNTY	7014	-	-	-	12,826	12,826	-	-	-	-	-	12,826
SAN BERNARDINO COUNTY	7036	-	-	-	6,699,461	6,699,461	-	-	-	-	-	6,699,461
TULARE COUNTY	7054	368	-	-	428,394	428,762	-	-	-	368	-	428,394
THORNHILL(CEP) SUB	8004	115kV	-	-	124,470	124,470	-	-	-	-	-	124,470
PHELAN(CEP) SUB	8010	115kV	-	-	7,879	7,879	-	-	-	-	-	7,879
MIRAGE(CEP) SUB	8012	220kV	-	-	147,755	147,755	-	-	-	-	-	147,755
SAVAGE(CEP) SUB	8020	115kV	-	6,417	-	6,417	-	-	-	-	6,417	-
YUCCA(CEP) SUB	8022	66kV	-	-	35,285	35,285	-	-	-	-	-	35,285
BAKER(CEP) SUB	8025	115kV	-	-	378,330	378,330	-	-	-	-	-	378,330
HI DESERT(CEP) SUB	8029	66kV	-	-	7,515	7,515	-	-	-	-	-	7,515
MOUNTAIN PASS(CEP) SUB	8030	115kV	-	-	15,797	15,797	-	-	-	-	-	15,797
SEARLES(CEP) SUB	8033	115kV	-	5,937	761,227	767,164	-	-	-	-	5,937	761,227
SANTA ROSA(CEP) SUB	8036	115kV	-	-	782,187	782,187	-	-	-	-	-	782,187

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
NELSON(CEP) SUB	8038	115kV	-	-	19,129	19,129	-	-	-	-	-	19,129
SN ONOFRE SWTHRK-100%SCE	8055	115kV	-	-	3,879	3,879	-	-	-	-	-	3,879
CARODEAN	8072	115kV	88,409	-	-	88,409	-	-	-	88,409	-	-
IVYGLEN SUB	8073	115kV	-	-	32,900	32,900	-	-	-	-	-	32,900
SN BRDNO SWTCHCRCK	8076	115kV	-	-	636,439	636,439	-	-	-	-	-	636,439
NUSED RAILROAD CNYN(NEW)	8077	33kV & Below	-	-	7,662	7,662	-	-	-	-	-	7,662
AQUEDUCT SUB	8079	115kV	4,973	-	-	4,973	-	-	-	4,973	-	-
HESPERIA SUB	8087	115kV	-	-	9,383	9,383	-	-	-	-	-	9,383
SKYLARK SUB	8088	115kV	-	-	7,258	7,258	-	-	-	-	-	7,258
MARSCHINO SUB	8096	115kV	-	-	6,720	6,720	-	-	-	-	-	6,720
EISENHOWER SUB	8098	115kV	-	-	1,029,704	1,029,704	-	-	-	-	-	1,029,704
AMARGO SUB	8102	33kV & Below	735	1,621	749,215	751,572	-	-	-	735	1,621	749,215
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	1,723,967	1,743,086	-	-	-	1,279	17,839	1,723,967
BLTYHE SUB	8113	33kV & Below	4,124	111,846	5,496,939	5,612,909	-	-	-	4,124	111,846	5,496,939
BRYMAN SUB	8117	33kV & Below	237	-	95,572	95,809	-	-	-	237	-	95,572
CABAZON SUB	8118	33kV & Below	46,675	75,122	1,638,126	1,759,923	-	-	-	46,675	75,122	1,638,126
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	-	15,021	145,694	160,715	-	-	-	-	15,021	145,694
CATHEDRAL CITY SUB	8123	33kV & Below	661	27,262	2,730,877	2,758,799	-	-	-	661	27,262	2,730,877
PALM SPRINGS SUB	8124	33kV & Below	3,159	76,356	532,916	612,431	-	-	-	3,159	76,356	532,916
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	91,066	3,359,227	3,479,954	-	-	-	29,661	91,066	3,359,227
DAGGETT SUB	8133	33kV & Below	259	-	99,447	99,706	-	-	-	259	-	99,447
DESERT OUTPOST SUB	8136	33kV & Below	10,454	28,924	289,773	329,151	-	-	-	10,454	28,924	289,773
DOWNS SUB	8137	33kV & Below	513,494	227,824	3,759,643	4,500,961	-	-	-	513,494	227,824	3,759,643
DUNES SUB	8139	33kV & Below	-	9,651	370,860	380,511	-	-	-	-	9,651	370,860
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
EDGE MONT 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	2,876,767	3,383,635	-	-	-	94,930	411,939	2,876,767
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	2,200,879	2,306,758	-	-	-	12,402	93,477	2,200,879
EL SOBRANTE SUB	8159	33kV & Below	13,384	25,096	1,455,029	1,493,509	-	-	-	13,384	25,096	1,455,029
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
HELENDALE SUB	8163	33kV & Below	277	10,193	1,729,963	1,740,434	-	-	-	277	10,193	1,729,963
HEMET SUB	8164	33kV & Below	2,925	37,972	1,839,319	1,880,216	-	-	-	2,925	37,972	1,839,319
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	762,572	805,891	-	-	-	834	42,486	762,572
INVOKERN TOWN SUB	8170	33kV & Below	674	-	109,423	110,097	-	-	-	674	-	109,423
COFFEE SUB	8171	33kV & Below	27,719	311,747	5,894,335	6,233,801	-	-	-	27,719	311,747	5,894,335
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	-	490,934	-	-	490,934	-	-	-	490,934	-	-
MINNEOLA SUB	8190	33kV & Below	198	28,036	438,908	467,142	-	-	-	198	28,036	438,908
MORENO SUB	8193	33kV & Below	4,352	56,729	1,267,029	1,328,109	-	-	-	4,352	56,729	1,267,029
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	-	60,360	-	-	-	-	60,360	-
MUSCOY SUB	8198	33kV & Below	13	10,511	189,655	200,179	-	-	-	13	10,511	189,655
SOUTHDOWN SUBSTATION	8199	115kV	-	34,000	563,604	597,604	-	-	-	-	34,000	563,604

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
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	83,366	1,682,362	1,766,758	-	-	-	1,031	83,366	1,682,362
NUEVO SUB	8209	33kV & Below	879	8,846	352,789	362,514	-	-	-	879	8,846	352,789
OLIVE LAKE SUB	8210	33kV & Below	492	19,649	569,152	589,293	-	-	-	492	19,649	569,152
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	47,641	1,012,701	1,108,125	-	-	-	47,783	47,641	1,012,701
PALM VILLAGE SUB	8215	33kV & Below	792	161,620	3,504,224	3,666,636	-	-	-	792	161,620	3,504,224
PEERLESS SUB	8216	33kV & Below	-	-	97,300	97,300	-	-	-	-	-	97,300
GAVILAN SUB	8219	33kV & Below	19,370	76,655	1,418,140	1,514,165	-	-	-	19,370	76,655	1,418,140
LUCERNE SUB	8220	33kV & Below	5,113	18,376	2,598,344	2,621,833	-	-	-	5,113	18,376	2,598,344
RAILROAD CANYON (OLD) SUB	8221	33kV & Below	542	-	-	542	-	-	-	542	-	-
RANCHO SUB	8222	33kV & Below	18,851	171,144	1,659,225	1,849,220	-	-	-	18,851	171,144	1,659,225
RIALTO SUB	8225	33kV & Below	1,322	10,702	275,605	287,628	-	-	-	1,322	10,702	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	1,596,119	1,631,630	-	-	-	-	35,511	1,596,119
RUBIDOUX SUB	8231	33kV & Below	7,370	4,831	507,533	519,733	-	-	-	7,370	4,831	507,533
SAN JACINTO SUB	8234	33kV & Below	1,501	5,387,617	370,045	5,759,163	-	-	-	1,501	5,387,617	370,045
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	1,856,256	1,911,428	-	-	-	6,198	48,973	1,856,256
SIXTEENTH STREET SUB	8239	33kV & Below	7,367	29,035	1,601,577	1,637,979	-	-	-	7,367	29,035	1,601,577
SUN CITY SUB	8243	33kV & Below	-	4,043	3,379	7,421	-	-	-	-	4,043	3,379
SUNNY DUNES SUB	8244	33kV & Below	22,642	7,065	542,555	572,262	-	-	-	22,642	7,065	542,555
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	547,023	573,981	-	-	-	2,201	24,757	547,023
TRONA SUB	8252	33kV & Below	-	981	104,023	105,005	-	-	-	-	981	104,023
TWENTYNINE PALMS SUB	8255	33kV & Below	729	58,833	2,103,168	2,162,731	-	-	-	729	58,833	2,103,168
VERDANT SUB	8259	33kV & Below	1,067	5,748	210,332	217,147	-	-	-	1,067	5,748	210,332
VICTORVILLE SUB	8260	33kV & Below	4,212	137,799	1,999,014	2,141,026	-	-	-	4,212	137,799	1,999,014
WEST BARSTOW SUB	8262	33kV & Below	-	119,812	203,392	323,203	-	-	-	-	119,812	203,392
PEREZ SUB	8263	33kV & Below	1,362	11,705	155,117	168,184	-	-	-	1,362	11,705	155,117
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	-	230,501	231,066	-	-	-	565	-	230,501
YERMO SUB	8268	33kV & Below	1,072	87	155,658	156,817	-	-	-	1,072	87	155,658
CLEARGEN SUB	8269	66kV	-	-	20,649	20,649	-	-	-	-	-	20,649
TENAJA SUBSTATION	8270	115kV/12kV	-	17,442	-	17,442	-	-	-	-	17,442	-
IRON MOUNTAIN SUB	8273	33kV & Below	-	4,852	93,022	97,874	-	-	-	-	4,852	93,022
JEFFERSON SUB	8275	66kV	62,251	111,532	7,625,197	7,798,980	-	-	-	62,251	111,532	7,625,197
CORONA SUB	8279	66kV	10,199	628,537	18,113,431	18,752,166	-	-	-	10,199	628,537	18,113,431
GALE SUB	8283	33kV & Below	1,975	104,038	734,192	840,205	-	-	-	1,975	104,038	734,192
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
CAPWIND	8302	115kV	-	-	3,088	3,088	-	-	-	-	-	3,088
VENWIND	8306	115kV	-	-	212,956	212,956	-	-	-	-	-	212,956
ALTWIND	8308	115kV	-	-	8,980	8,980	-	-	-	-	-	8,980
NEWCOMB	8342	115kV	-	-	2,340	2,340	-	-	-	-	-	2,340
EL SINORE	8343	115kV	-	-	73	73	-	-	-	-	-	73
SOUTH BASE SUB	8344	115kV	-	-	8,853	8,853	-	-	-	-	-	8,853
INDIAN WELLS SUB	8345	115kV	-	-	805,331	805,331	-	-	-	-	-	805,331
PECHANGA SUB	8347	115kV	-	-	403,043	403,043	-	-	-	-	-	403,043
MORAGA	8348	115kV	2,414	-	-	2,414	-	-	-	2,414	-	-
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	12,771	494,641	516,686	-	-	-	9,273	12,771	494,641
RINGMILL SUB	8507	66kV	7,867	7,028	381,389	396,284	-	-	-	7,867	7,028	381,389
PHARMACY SUBSTATION	8509	66kV	-	2,685	1,294,904	1,297,590	-	-	-	-	2,685	1,294,904

SOUTHERN CALIFORNIA EDISON COMPANY

End of Year 2011 Facilities
DISTRIBUTION SUBSTATION FACILITIES
(S)

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
HAAGEN DAZS SUBSTATION	8510	66kV	-	5,309	341,042	346,351	-	-	-	-	5,309	341,042
SERRFGN 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	384,900	389,500	-	-	-	2,628	1,972	384,900
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	-	28,500	368,970	397,470	-	-	-	-	28,500	368,970
VAPOR SUBSTATION	8559	66kV	-	-	128,112	128,112	-	-	-	-	-	128,112
RECOVERY SUBSTATION	8801	66kV	-	13,247	428,756	442,003	-	-	-	-	13,247	428,756
BREA SUBSTATION	8802	66kV	308,988	390,419	2,477,304	3,176,711	-	-	-	308,988	390,419	2,477,304
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	3,254,323	3,286,394	-	-	-	-	32,071	3,254,323
ONEIL SUBSTATION	8810	66kV	12,956	782,017	8,711,978	9,506,951	-	-	-	12,956	782,017	8,711,978
COYGEN SUBSTATION	8811	66kV	-	21,202	492,492	513,694	-	-	-	-	21,202	492,492
ORCOGEN SUBSTATION	8812	66kV	192	3,900	102,234	106,325	-	-	-	192	3,900	102,234
SHELL WESTERN(BREA) SUB	8813	66kV	-	6,771	242,458	249,229	-	-	-	-	6,771	242,458
JOHNAIR 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	-	7,131	616,456	623,587	-	-	-	-	7,131	616,456
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	755,215	758,569	-	-	-	-	3,354	755,215
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	-	46,766	908,919	955,685	-	-	-	-	46,766	908,919
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	-	-	18,621	-	18,621	-	-	-	-	18,621	-
VENTURA CORP WH	9135	-	-	6,953	-	6,953	-	-	-	-	6,953	-
NORTH COAST OFFICE BUILDIN	9204	-	-	3,406,308	-	3,406,308	-	-	-	-	3,406,308	-
PROP SVCS-SIERRA REGION	9231	Div Offices & Misc	-	9,257	75,033	84,290	-	-	-	-	9,257	75,033
RP&AS-NRTHSHRE REC AREA	9235	-	-	184,053	-	184,053	-	-	-	-	184,053	-
ALHAMBRA COMBO FACILITY	9297	-	-	389,851	-	389,851	-	-	-	-	389,851	-
ALHAMBRA COMM SITE	9300	-	-	-	48,196	48,196	-	-	-	-	-	48,196
TELCOMM-ALHAMBRA	9310	Misc	89,786	-	(12,897)	76,889	-	-	-	89,786	-	(12,897)
METERING/METROLOGY/ADM	9430	Div Offices & Misc	-	3,417	-	3,417	-	-	-	-	3,417	-
WESTMINSTER FENWICK BLDG	9440	Div Offices & Misc	-	3,179	-	3,179	-	-	-	-	3,179	-
BIG CRK NO.1 GARAGE	9621	-	-	93,349	-	93,349	-	-	-	-	93,349	-
SAN JOAQUIN VALLEY GARAGE	9651	-	-	65,408	-	65,408	-	-	-	-	65,408	-
PALM SPRGS GARAGE	9679	66kV	-	35,107	-	35,107	-	-	-	-	35,107	-
AGTAC FACILITY	9786	-	-	(0.06)	-	(0.06)	-	-	-	-	(0.06)	-
PLANT ACCTG-MISC. LEDGER	9900	Div Offices & Misc	4,313	-	-	4,313	-	-	-	4,313	-	-
Total Distribution Substations			105,855,062	431,350,910	1,609,973,202	2,147,179,174	75,876	683,247	5,875,711	105,779,185	430,667,663	1,604,097,491

ISO/Non-ISO/Mix Summary	Non-ISO Total			Non-ISO Total			Non-ISO Total			Non-ISO Total		
	Mix Total			Mix Total			Mix Total			Mix Total		
	105,371,787	427,389,171	1,574,795,622	2,107,556,580	75,876	683,247	5,875,711	105,371,787	427,389,171	1,574,795,622	2,107,556,580	75,876
	483,275	3,961,739	35,177,580	39,622,594	75,876	683,247	5,875,711	407,399	3,278,492	29,301,868	39,622,594	75,876

≥ 2012-01-31.xlsx Year End Balances - F1183:H1183

Check	105,855,062	431,350,910	1,609,973,202	-
-------	-------------	-------------	---------------	---

File Location	Location	Plant 350				Plant 352				Plant 353			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#1 5067	5067	248,793	36,753	-	-	7,278,131	1,074,510	-	-	131,732,887	14,965,938	-	-
#2 5090	5090	13,183	-	-	-	2,756,645	-	-	-	64,092,926	-	-	-
#3 5043	5043	230	1,594	-	-	2,162	14,960	-	-	365,680	2,529,868	-	-
#4 5069	5069	381,928	95,348	-	-	10,307,489	2,522,883	-	-	121,153,521	30,296,132	-	-
#7 5054 & 8954	5054 & 8954	132,175	2,185	-	-	6,545,404	107,522	-	-	111,020,616	1,835,825	-	-
#8 5081	5081	15,880	70,308	-	-	255,834	1,137,844	-	-	8,103,161	35,870,746	-	-
#9 5084	5084	14,072	58,181	-	-	675,644	2,808,745	-	-	6,226,020	25,725,374	-	-
#10 8063	8063	-	-	-	-	59,734	193,841	-	-	3,630,204	11,780,253	-	-
#11 5062	5062	8,320	26,144	-	-	574,441	1,883,263	-	-	8,725,618	27,339,680	-	-
#12 5075	5075	48,621	137,362	-	-	211,780	503,047	-	-	11,585,241	32,825,543	-	-
#13 5011	5011	4,626	14,987	-	-	244,603	782,423	-	-	4,428,343	14,356,153	-	-
#14 5023	5023	54,342	231,277	-	-	631,549	2,687,826	-	-	4,205,463	17,898,149	-	-
#16 5086	5086	10,239	45,657	3,842	-	226,681	955,499	80,394	-	7,943,188	35,476,124	2,984,905	-
#17 5096 & 1094	5096 & 1094	40,848	145,297	-	-	788,978	2,806,493	-	-	10,356,989	36,839,898	-	-
#18 5055	5055	39,103.89	197,089.66	-	-	149,088.58	751,526.88	-	-	2,771,172.63	15,700,574.87	-	-
#19 5015	5015	13,929	15,371	-	-	258,428	285,169	-	-	9,116,848	10,060,218	-	-
#20 5071	5071	167,261	511,016	-	-	135,538	425,075	-	-	5,474,433	16,714,478	-	-
#21 5027 & 1088	5027 & 1088	58,787	38,426	-	-	800,325	523,139	-	-	3,227,701	2,109,812	-	-
#22 5085 & 5881	5085 & 5881	254,309	559,107	-	-	1,061,321	2,334,372	-	-	5,097,497	9,404,340	-	-
#23 5024	5024	838,723	1,261,504	-	-	1,573,699	2,366,963	-	-	6,094,921	9,167,223	-	-
#24 5021	5021	30,367	71,003	-	-	1,379,589	3,223,615	-	-	10,413,664	24,379,630	-	-
#25 5028	5028	8,944	4,074	-	-	17,631	8,031	-	-	3,833,295	1,746,134	-	-
#26 5074	5074	36,482	94,780	-	-	404,087	1,061,338	-	-	11,041,410	28,673,593	-	-
#27 5073	5073	58,796	105,884	-	-	3,061,116	5,512,670	-	-	11,856,156	21,351,387	-	-
#28 5012	5012	47,667	121,582	-	-	1,696,134	4,382,133	-	-	11,014,879	28,039,366	-	-
#29 5056	5056	19,240	162,922	1,929	-	365,329	3,093,587	36,622	-	5,531,735	46,842,491	554,527	-
#30 5087	5087	75,600	314,938	-	-	293,457	1,282,475	-	-	4,270,057	17,728,504	-	-
#31 5060	5060	33,769	115,779	-	-	480,968	1,649,045	-	-	8,458,233	28,977,609	-	-
#32 5013	5013	58,556	398,974	-	-	146,508	998,242	-	-	6,048,787	41,213,905	-	-
#33 8076 & 1999	8076 & 1999	105,359	197,033	-	-	835,254	3,014,980	-	-	13,200,615	22,597,241	-	-
#34 5053	5053	44,241	94,386	2,112	-	402,115	900,092	19,194	-	13,545,005	28,804,455	647,153	-
#35 5088	5088	90,406	467,571	-	-	317,433	1,305,927	-	-	5,340,986	27,942,319	-	-
#36 5050	5050	806,035	164,229	-	-	2,475,505	504,381	-	-	17,862,429	3,639,451	-	-
#37 5083	5083	1,887,095	11,398,879	-	-	1,169,102	7,260,129	-	-	4,156,403	24,258,271	-	-
#38 5082	5082	62,510	208,060	-	-	690,487	2,299,949	-	-	7,012,797	23,295,442	-	-
#39 5014	5014	24,106	73,849	-	-	543,482	1,664,968	-	-	5,786,114	17,647,147	-	-
#40 2211	2211	-	-	-	-	36,940	40,374	-	-	3,849,584	4,224,458	-	-
#41 2212	2212	-	-	-	-	-	-	-	-	1,516,246	-	-	-
#42 2230	2230	-	-	-	-	578,154	6,081	-	-	10,298,078	1,443,457	-	-
#43 2236	2236	-	-	-	-	-	-	-	-	2,262,432	-	-	-
#44 2229	2229	-	-	-	-	228,151	54,498	-	-	1,885,179	452,994	-	-
#46 5031	5031	7,947	416	-	-	1,029,214	53,757	-	-	13,618,898	713,737	-	-
#47 5034	5034	3,568	8,630	-	-	198,090	647,716	-	-	6,797,045	16,271,901	-	-
#48 5033	5033	160,490	232,681	-	-	4,821,856	7,413,317	-	-	33,876,468	48,056,676	-	-
#49 5035	5035	2,026	5,217	-	-	369,875	948,611	-	-	4,740,244	12,207,443	-	-
#50 5042 & 8046	5042 & 8046	28,585	19,877	350	-	342,807	283,434	4,193	-	15,657,528	10,837,052	191,751	-
#52 5063	5063	-	-	-	-	1,546	669	-	-	561,775	242,968	-	-
#53 5040	5040	-	-	-	-	53,456	189,283	-	-	1,566,441	5,546,575	-	-
#55 2556	2556	-	-	-	-	1,227,397	254,197	-	-	12,810,000	2,093,915	-	-
#57 8012	8012	168,034	461,506	-	-	1,095,285	2,940,241	-	-	7,724,216	21,688,344	-	-
#66 8037	8037	2,228	14,885	-	-	12,138	82,477	-	-	857,763	5,728,682	-	-
#67 5041 & 8040	5041 & 8040	4,950	3,015	-	-	64,210	39,352	-	-	4,209,840	2,563,639	-	-
#68 5070 & 8034	5070 & 8034	159,283	155,487	-	-	22,182,377	12,457,170	-	-	83,169,042	87,654,454	-	-
#69 8049	8049	18,832	3,257	-	-	5,151,040	179,081	-	-	49,348,358	9,245,378	-	-
#70 5064	5064	12,412	39,697	-	-	1,897,774	6,134,024	-	-	14,533,291	46,382,817	-	-
#71 5025	5025	33,845	29,712	-	-	50,923	44,705	-	-	6,720,745	5,900,027	-	-
#72 5052	5052	21,969	13	-	-	1,599,575	968	-	-	68,960,888	41,786	-	-
#91 5059	5059	110,067	997	-	-	887,877	8,041	-	-	16,696,074	148,344	-	-
#92 5079	5079	-	-	-	-	-	-	-	-	-	-	-	-
#94 2234	2234	-	-	-	-	-	-	-	-	1,031,434	-	-	-
#95 8051-8055	8055	-	-	-	-	1,973,284	-	1,467,933	-	10,632,542	-	7,912,469	-
#107 5048	5048	575	44,788	3,742	-	142	11,035	922	-	29,164	2,272,837	189,869	-
#109 8006	8006	-	-	-	-	7,160,592	28,045,651	-	-	9,540,110	37,365,432	-	-

File Location	Location	Plant 360				Plant 361				Plant 362			
		FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total	FERC	CPUC	Generation	Total
#1 5067	5067	-	-	-	-	-	-	-	-	81,459	4,506,820	-	-
#2 5090	5090	-	-	-	-	-	-	-	-	26,595	-	-	-
#3 5043	5043	-	-	-	-	-	-	-	-	-	-	-	-
#4 5069	5069	-	-	-	-	-	-	-	-	(0)	-	-	-
#7 5054 & 8954	5054 & 8954	-	-	-	-	-	-	-	-	-	-	-	-
#8 5081	5081	-	-	-	-	2,443	10,817	-	-	-	-	-	-
#9 5084	5084	-	-	-	-	-	-	-	-	-	169	-	-
#10 8063	8063	-	-	-	-	-	-	-	-	-	-	-	-
#11 5062	5062	-	-	-	-	-	-	-	-	(57)	57	-	-
#12 5075	5075	-	-	-	-	-	-	-	-	-	-	-	-
#13 5011	5011	-	-	-	-	-	-	-	-	-	-	-	-
#14 5023	5023	-	-	-	-	1,347	5,732	-	-	-	-	-	-
#16 5086	5086	-	-	-	-	-	-	-	-	-	-	-	-
#17 5096 & 1094	5096 & 1094	-	-	-	-	-	-	-	-	-	265	-	-
#18 5055	5055	-	-	-	-	-	-	-	-	343,944	-	-	-
#19 5015	5015	-	-	-	-	-	-	-	-	-	-	-	-
#20 5071	5071	-	-	-	-	-	-	-	-	-	-	-	-
#21 5027 & 1088	5027 & 1088	-	-	-	-	-	-	-	-	-	-	-	-
#22 5085 & 5881	5085 & 5881	-	-	-	-	68,318	151,939	-	-	1,241,377	4,529,127	-	-
#23 5024	5024	-	-	-	-	-	-	-	-	-	-	-	-
#24 5021	5021	-	-	-	-	-	-	-	-	12,211	-	-	-
#25 5028	5028	-	-	-	-	-	-	-	-	-	-	-	-
#26 5074	5074	-	-	-	-	-	-	-	-	-	-	-	-
#27 5073	5073	-	-	-	-	2,703	4,867	-	-	-	-	-	-
#28 5012	5012	-	-	-	-	-	-	-	-	-	-	-	-
#29 5056	5056	-	-	-	-	-	-	-	-	-	-	-	-
#30 5087	5087	-	-	-	-	-	-	-	-	-	-	-	-
#31 5060	5060	-	-	-	-	-	-	-	-	-	22,251	-	-
#32 5013	5013	-	-	-	-	-	-	-	-	-	-	-	-
#33 8076 & 1999	8076 & 1999	-	-	-	-	-	-	-	-	-	636,439	-	-
#34 5053	5053	-	-	-	-	10,211	61,992	-	-	2,688	16,320	-	-
#35 5088	5088	-	-	-	-	-	-	-	-	-	16,697	-	-
#36 5050	5050	-	-	-	-	-	-	-	-	-	-	-	-
#37 5083	5083	-	-	-	-	-	-	-	-	-	649,974	-	-
#38 5082	5082	-	-	-	-	3,863	57,431	-	-	-	-	-	-
#39 5014	5014	-	-	-	-	-	-	-	-	-	78,722	-	-
#40 2211	2211	-	-	-	-	104,321	114,017	-	-	22,585	7,627	-	-
#41 2212	2212	-	-	-	-	-	-	-	-	-	-	-	-
#42 2230	2230	-	-	-	-	-	-	-	-	239,394	31,905	-	-
#43 2236	2236	-	-	-	-	-	-	-	-	-	-	-	-
#44 2229	2229	-	-	-	-	-	-	-	-	82,768	17,087	-	-
#46 5031	5031	-	-	-	-	-	-	-	-	-	-	-	-
#47 5034	5034	-	-	-	-	-	-	-	-	-	-	-	-
#48 5033	5033	-	-	-	-	25,361	36,768	-	-	38,219	690,793	-	-
#49 5035	5035	-	-	-	-	-	-	-	-	-	-	-	-
#50 5042 & 8046	5042 & 8046	-	-	-	-	-	-	-	-	16,852	17,172	-	-
#52 5063	5063	-	-	-	-	-	-	-	-	-	-	-	-
#53 5040	5040	-	-	-	-	-	-	-	-	-	-	-	-
#55 2556	2556	-	-	-	-	4,317	722	-	-	8,504	174	-	-
#57 8012	8012	-	-	-	-	-	-	-	-	147,755	-	-	-
#66 8037	8037	-	-	-	-	-	-	-	-	-	-	-	-
#67 5041 & 8040	5041 & 8040	-	-	-	-	-	-	-	-	-	-	-	-
#68 5070 & 8034	5070 & 8034	-	-	-	-	-	-	-	-	55,276	2,783,142	-	-
#69 8049	8049	-	-	-	-	-	-	-	-	-	-	-	-
#70 5064	5064	-	-	-	-	108,358	346,558	-	-	-	34,273	-	-
#71 5025	5025	-	-	-	-	-	-	-	-	-	-	-	-
#72 5052	5052	-	-	-	-	-	-	-	-	-	-	-	-
#91 5059	5059	-	-	-	-	29	126	-	-	639	2,744	-	-
#92 5079	5079	-	-	-	-	-	-	-	-	-	-	-	-
#94 2234	2234	-	-	-	-	-	-	-	-	46,173	-	-	-
#95 8051-8055	8055	-	-	-	-	-	-	-	-	3,879	-	-	-
#107 5048	5048	-	-	-	-	-	-	-	-	-	-	-	-
#109 8006	8006	-	-	-	-	-	-	-	-	-	-	-	-

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

OPERATING VOLTAGE /										2011		
LOCATION NO.	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES	COST PER MILE
<u>1000 kV TRANSMISSION LINES</u>												
4031 DWP-EDSN CELILO-SYLMR LN		95,841		27,220,053		14,611,108			136,841	42,063,842	336	125,124
4034 DWP-EDSN CELILO-SYLMR LN		541		7,698,607		5,631,427			668,871	13,999,446	290	48,320
TOTAL 1000kV T/L'S	-	96,382	-	34,918,660	-	20,242,535	-	-	805,712	56,063,288	626	89,572
<u>500 kV TRANSMISSION LINES</u>												
4026 MIDWAY-VINCENT LINES 1&2	2,910,822		27,105	19,299,341	85,359	22,941,425			795,535	46,059,587	225	204,260
4123 LUGO-VINCENT LINES 1&2	1,734,921		16,633	7,757,346		7,143,431			1,891	16,654,222	94	176,447
4130 MOHAVE-LUGO 500KV	157,990			420,632		517,455			19,051	1,115,128	10	113,176
4136 LUGO-ELDORADO LN	1,330,373			12,189,960		10,420,732			117,747	24,058,812	151	159,680
4137 LUGO-ELDORADO LN	16,589			2,027,936		1,784,137			20,088	3,848,751	27	145,187
4138 LUGO-MIRA LOMA 2&3	9,605,387		98	26,351,975	118,240	18,451,820			632,859	55,160,380	97	571,574
4140 MOHAVE-LUGO 500 KV LN	278,112			12,178,545	1,375,948	9,649,510			329,333	23,811,447	166	143,480
4141 MOHAVE-ELDORADO LN	76,199			1,155,538		1,251,359			55,916	2,539,013	59	42,748
4143 ELDORADO-BORDER 500 KV LN	6,167			2,588,095		1,880,705			145,064	4,620,032	30	155,841
4148 MIRA LOMA-SERRANO LN	1,696,736			18,384,826		7,820,475			252,983	28,155,020	29	979,264
4154 LUGO-VICTORVLL EDSON-DWP	751,549			1,157,577		759,625				2,668,751	8	352,380
4155 MIDWAY-VINCENT LN 3	2,956,983			7,540,671		4,581,493			187,772	15,266,920	53	290,155
4158 LUCERNE-LUGO/MIRA LOMA LN	498,593									498,593	-	-
4185 DEVERS-PALO VERDE	12,546,476			28,772,328	805	21,381,649		1,151,660	453,081	64,305,999	126	508,530
4186 DEVERS-PALO VERDE	1,194,335			17,297,411		25,189,675			147,245	43,828,665	112	391,167
4187 DEVERS-VALLEY LNS 1,2	10,444,073			21,195,906		11,949,087			4,790,336	48,379,402	42	1,162,933
4188 SERRANO-VALLEY LN	2,858,639	8,043		22,909,118	515,653	14,833,343			2,448,260	43,573,057	41	1,075,323
4191 VALLEY-INLAND 500KV TL				3,058	12,338	4,980				20,377	1	22,149
5069 MIRA LOMA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study		123,410	53,933				177,343		
5070 VALLEY-500 KV	Refer Substation Study	Refer Substation Study	Refer Substation Study		5,823	2,859				8,682		
5080 SERRANO SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study						2,236,590	2,236,590		
5090 EL DORADO SUB(NEVADA)	Refer Substation Study	Refer Substation Study	Refer Substation Study						94,492	94,492		
8958 SYLMAR-PAC INTERTIE	Refer Substation Study	Refer Substation Study	Refer Substation Study	2,505,376		359,913				2,865,290		
TOTAL 500kV T/L'S	49,063,944	8,043	43,836	203,735,641	2,237,574	160,977,607	-	1,151,660	12,728,244	429,946,551	1,269	6,494,294

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

OPERATING VOLTAGE /										2011		
LOCATION NO.	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES	COST PER MILE
220 kV TRANSMISSION LINES												
4045	179,131			701,607		453,192			38,006	1,371,936	13	105,564
4046	186,657			214,409		62,108				463,174	2	258,756
4051				316,356		204,878			145,317	666,551	7	90,639
4059	13,002			333,663		202,343			20,953	569,961	3	208,091
4070	61,040			344,764		232,146			11,892	649,842	4	146,890
4101	1,458,746	278,181	98,475	22,300,101	1,382,054	30,443,253			1,167,289	57,128,099	354	161,251
4102	1,466,128			2,085,104	500,489	1,391,079				5,442,800	8	645,892
4104 OH	1,330,951			5,814,542	176,103	3,132,693				10,684,618	144	74,381
4104 UG	385						1,480	260,160	67	262,091	0	6,315,444
4107	2,639,646	326,478		8,888,469		6,813,718			836,446	19,504,757	271	72,029
4712				90,778,825		9,514,635			0	100,293,460	22	4,660,477
4108	8,067,991	3,035,777		14,114,756	1,558,476	14,150,891	106		454,131	41,382,127	169	244,572
4109										-	0	-
4111	1,944			133,734		155,710			29,429	320,815	6	55,403
4113	874,872			1,841,246	206,178	2,150,449			631,018	5,703,763	130	44,026
4114	3,210,587	539,509	661,182	13,532,584	147,920	9,682,086			304,171	28,078,038	130	216,730
4115	1,607,024	531,635	2,149	3,599,135	394,606	2,096,243			27,417	8,258,209	27	305,105
4116 OH	3,557,160	173,087	2,043	3,216,620	10,134,527	6,778,329			13,417	23,875,184	90	263,952
4116 UG	37,462	1,823	22				180,589	456,828	141	676,865	1	710,545
4117	1,005,509	7,084	12,857	15,332,991	693,485	19,819,155			151,162	37,022,243	305	121,311
4118 *	5,517,482	131,134	2,204	17,463,595	239,219	14,140,591			184,126	37,678,352	156	241,910
4119	2,099,780	71,860	101	7,928,456	85,176	14,846,645			52,431	25,084,447	138	182,238
4120	4,270,254	298,150	3,380	6,078,503	880,665	5,638,404	256		33,420	17,203,033	125	137,986
4121	353,928			2,001,171	186,227	2,052,409			143,697	4,737,433	135	34,985
4125	11,414,612	1,769,771	1,918	31,301,975	492,123	13,806,094			1,781,163	60,567,656	415	146,035
4127	19,842			647,655		549,803			5,205	1,222,506	85	14,367
4135 *	1,783,805			9,196,931	2,406,296	6,685,422			97,780	20,170,234	206	97,845
4144	9,994			473,674		429,215			1,023	913,906	31	29,831
4147 Designed at 500kV	3,855,188		1,880	2,767,070		1,983,887			145,187	8,753,211	27	318,493
4153	309,032			60,375	810,006	308,138			23,687	1,511,239	13	115,121
4156	12,025,290			2,262,700	6,476,819	2,971,326			38,262	23,774,397	29	806,103
4157	105,605	18,610		1,994,781		3,584,786			537,026	6,240,809	21	303,361
4166	9,034			164,051		136,431				309,516	9	34,287
4168	4,331			262,365		526,631			37,890	831,217	7	127,801
4169	3,565,382		2,701	8,725,005	398,446	6,065,938			106,152	18,863,624	298	63,381
4189	78,248			1,521,458		1,397,144				2,996,850	6	461,231
4193				4,152,836	64,888	2,461,080				6,678,804	5	1,434,205
4756	1,079,577			6,958,865	568,180	4,604,528			119,281	13,330,432	120	110,804
4708				13,746,933	30,818,084	19,251,107				63,816,124	26	2,483,118
4644				27,679,226	2,721,999	13,931,304			89,385,747	133,718,276	26	5,067,006
5015 GOULD SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study						4,090	4,090	N/A	
5053 SANTA CLARA SUB	Refer Substation Study	Refer Substation Study	Refer Substation Study						13,555	13,555	N/A	
5083 VIEJO SUBSTATION	Refer Substation Study	Refer Substation Study	Refer Substation Study				10			10	N/A	
TOTAL 230kV T/L'S												
	72,199,616	7,183,099	788,912	328,936,531	61,341,969	222,653,788	182,441	716,988	96,770,909	790,774,254	3,564	26,911,166

* Cost allocated between operating voltages by pole miles.

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

OPERATING VOLTAGE /										2011		
LOCATION NO.	350	352	353	354	355	356	357	358	359	TOTAL	CIRCUIT MILES	COST PER MILE
<u>161 kV TRANSMISSION LINES</u>												
4759	33,310				2,000,560	331,263			4,845	2,369,978	53	44,699
TOTAL 161kV T/L'S	33,310	-	-	-	2,000,560	331,263	-	-	4,845	2,369,978	53	44,699
<u>115 kV TRANSMISSION LINES</u>												
4105 OH	15,246	537	511	9,294	186,904	75,658			730	288,880	2	121,834
4106 *OH	202,756			351	1,848,865	1,674,859				3,726,831	21	178,646
4135 *Designed at 220kV	428,121			2,207,304	577,522	1,604,531			23,468	4,840,945	49	97,845
4731					112,574	40,739				153,313	6	24,179
4732					237,245	87,312				324,557	4	72,795
4735 *	47			4,008	52,451	18,395				74,901	4	16,800
4750 OH*	14,060,673	2,848	421,784	3,903,980	88,758,754	50,167,836			1,837,204	159,153,079	1,641	97,002
4750 UG*	119,255	24	3,577				2,929,263	13,306,603	15,582	16,374,305	14	1,176,678
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	8,240
4782	165,196			327,795	91,898	580,045			21,669	1,186,603	101	11,771
TOTAL 115kV T/L'S	14,992,572	3,409	425,871	6,551,038	91,909,416	54,344,343	2,929,263	13,306,603	1,900,030	186,362,546	1,879	99,205
<u>66 / 55 / 33 kV TRANSMISSION LINES</u>												
4105 OH	29,897,031	1,052,722	1,001,128	18,226,241	366,519,360	148,366,493			1,432,371	566,495,346	4,650	121,834
4105 UG	2,078,120	73,174	69,588				39,832,967	161,607,375	99,563	203,760,787	323	630,449
4105 UG 33kV	12,199	430	408				233,822	948,645	584	1,196,088	2	
4105 Antelope Ritter Ranch No.2 OH										included in totals above	11	
4105 Antelope Ritter Ranch No.2 UG										included in totals above	1	
4105 Antelope Quartz Hill No.2 OH										included in totals above	6	
4105 Antelope Quartz Hill No.2 UG										included in totals above	1	
4106 OH*	304,843			527	2,779,758	2,518,142				5,603,270	31	178,646
4106 UG*	55,521						1,292,809	3,036,716		4,385,047	6	767,610
4118 *	138,882	3,301	55	439,579	6,021	355,935			4,635	948,409	4	241,910
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	38,460			345,087	1,085,414	744,432				2,213,393	89	24,987
4132	3,146			60,500		37,257			40,795	141,699	4	37,333
4133	53,165			7,516	3,257,096	340,111			11,455	3,669,342	38	96,899
4139	517				130,596	96,083				227,196	2	98,485
4142	25,409				2,453,840	85,830				2,565,079	32	80,411
4149	232				60,363	26,752			1,093	88,440	4	22,152
4705 OH	242,710	3,289			2,992,713	1,329,197			35,775	4,603,683	105	43,723
4705 UG	505	7							74	587	0	2,676
4730	10,585				362,699	298,967				672,250	7	93,162
4735 *Designed at 115kV	90			7,669	100,373	35,202				143,334	9	16,800
4750 OH*Designed at 115kV	145,507	29	4,365	40,400	918,520	519,162			19,012	1,646,995	17	97,002
TOTAL 66 / 55 / 33kV T/L'S	33,007,408	1,132,951	1,075,544	19,176,410	380,980,243	154,956,862	41,360,941	165,661,327	1,645,358	798,997,044	5,341	149,599

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

OPERATING VOLTAGE / LOCATION NO.	A C C O U N T N O.									TOTAL	2011 CIRCUIT MILES	COST PER MILE
	350	352	353	354	355	356	357	358	359			
TOTAL ALL T/L'S	169,296,850	8,423,884	2,334,163	593,318,280	538,469,762	613,506,399	44,472,645	180,836,578	113,855,098	2,264,513,661	12,731	177,868
* Cost allocated between operating voltages by pole miles.												
EOY 2010	169,095,712	8,926,648	2,604,680	667,092,548	509,623,685	610,616,959	41,087,270	172,482,750	31,912,656	2,466,550,800		
	185,893	(503,301)	(271,027)	(73,783,562)	28,659,173	2,813,781	3,385,375	8,353,828	81,941,711	50,781,871		

4XXX locns excluded from Study

4300 MET T/S REGION		131,348	14,696		2,443,528	97,455				2,687,027		
4207 E.MAGUNDEN-ANTELOPE 220KV		25,798								25,798		
4400 COASTAL T/S REGION	3,127		12,363		727,619	95,687	1,437,204	2,604,512		4,880,512		
4500 EASTERN T/S REGION		41,481	21,657	1,780,765	196,220	812,362			37,735	2,890,221		
4600 Northern T/S Region		106,618	21,515	5,961,885	3,620,102	3,169,132				12,879,251		
4700 Eastern T/S Region	33,305		1,233							34,538		
4820 ELLIS-HNGTN BCH#1-4 220KV					23							
4800 VAR. TRANS. LINES-S/E DIV	2,931	32,032	3,630		258,203					296,795		
	39,363	337,278	75,093	7,742,650	7,245,694	4,174,636	1,437,204	2,604,512	37,735	23,694,142		

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

OPERATING VOLTAGE /		ACCOUNT NO.									2011	CIRCUIT	COST PER
LOCATION NO.		350	352	353	354	355	356	357	358	359	TOTAL	MILES	MILE
<u>Non 4xxx locns excluded from Study*</u>													
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-UI	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							-		
1999	SAN BRDNO-220 KV SWITCHYRD	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							-		
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							-		

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

OPERATING VOLTAGE /		ACCOUNT NO.										TOTAL	2011		COST PER
LOCATION NO.		350	352	353	354	355	356	357	358	359			CIRCUIT		
													MILES		MILE
2526	BISHOP CREEK NO.6	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2553	FISH LAKE VALLEY METERING	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2556	CONTROL STATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study		40,798	25,499					66,296			
2557	CASA DIABLO	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2560	LUNDY	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2561	LEE VINING	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2570	INYO	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2571	SHERWIN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2582	ZACK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
2598	MT. TOM	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
3717	DAF INDAL 500KW WND TURBN	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5000	SUBSTN DIV	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5001	METRO GOM MAINT	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5011	EAGLE ROCK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5012	MESA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5013	RIO HONDO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5014	WALNUT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5016	LEBEC SUBSTATION	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5018	COTTONWIND SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5019	HARBORGEN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5021	LA FRESA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5022	ARCOGEN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5023	EL NIDO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5024	LA CIENEGA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5025	ALAMITOS SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5026	EL SEGUNDO SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5027	LG BCH SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5028	REDONDO SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5031	MAGUNDEN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5032	MIDWAY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5033	RECTOR SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5034	SPRINGVILLE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5035	VESTAL SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5036	PASTORIA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5038	NO. T/S REG OFC/VALENCIA	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5040	EAGLE MT. SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5041	INYOKERN SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5042	KRAMER SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5043	CIMA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5044	CLWTR SWITCHRACKS 1,2	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5045	MOHAVE SWITCHRACK	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5046	CLWTR SWITCHRACK 3,4 SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5047	RANCHO VISTA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5048	MANDALAY SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5049	ORMOND BCH SWITCHRACK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5050	PARDEE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5051	SAUGUS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5052	ANTELOPE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5054	VINCENT SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5055	GOLETA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5056	MOORPARK SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5058	SYLMAR SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5059	BAILEY SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5060	PADUA SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5061	LUGO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5062	CHINO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study								-			
5063	JULIAN HINDS 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, 2011**

OPERATING VOLTAGE / LOCATION NO.		ACCOUNT NO.									TOTAL	2011	
		350	352	353	354	355	356	357	358	359		CIRCUIT MILES	COST PER MILE
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							-		
5075	DEL AMO SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-		
5078	HUNTINGTON BCH SWITCHCRCK	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							-		
5115	EATON 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							-		
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	KIRK WALL 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							-		
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							-		
5325	STRATHMORE SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-		
5331	VISALIA 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, 2011**

OPERATING VOLTAGE /		ACCOUNT NO.									2011	CIRCUIT	COST PER
LOCATION NO.		350	352	353	354	355	356	357	358	359	TOTAL	MILES	MILE
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							-		
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							-		
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							-		
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							-		
5617	GANESHA 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							-		
5637	TIPPECANOE 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							-		
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							-		
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							-		
5783	ERIC 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							-		
5805	BAYSIDE SUBSTATION	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							-		
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							-		
5869	SHAWNEE 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	NIQUEL 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							-		
6061	CATALINA SERVICE CENTER	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							-		
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, 2011

OPERATING VOLTAGE /		ACCOUNT NO.										2011	CIRCUIT	COST PER
LOCATION NO.		350	352	353	354	355	356	357	358	359	TOTAL	MILES	MILE	
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	RANDBURG(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 SWTHRCK-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							-			
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, 2011

OPERATING VOLTAGE /		ACCOUNT NO.									2011	CIRCUIT	COST PER
LOCATION NO.		350	352	353	354	355	356	357	358	359	TOTAL	MILES	MILE
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							-		
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							-		
8124	PALM SPRINGS SUB	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-		
8137	DOWNS 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							-		
8168	IDYLL WILD 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							-		
8243	SUN CITY 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							-		
8270	TENAJA SUBSTATION	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, 2011

OPERATING VOLTAGE /		ACCOUNT NO.									TOTAL	2011	CIRCUIT MILES	COST PER MILE
		350	352	353	354	355	356	357	358	359				
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 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							-			

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

OPERATING VOLTAGE / LOCATION NO.		ACCOUNT NO.								TOTAL	2011 CIRCUIT MILES	COST PER MILE
		350	352	353	354	355	356	357	358	359		
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							-	
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)	
9900	PLANT ACCTG-MISC. LEDGER	Refer to Substation Study	Refer to Substation Study	Refer to Substation Study							-	
Internal L 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	243,527	1,043	-	1,237,557	
Totals including exclusions		169,336,213	8,761,162	2,409,256	601,728,048	545,742,641	617,979,719	46,153,376	183,442,133	113,892,833	2,289,156,501	
FERC FORM 1 Totals		238,723,490	334,506,130	3,421,750,786	601,728,049	545,742,642	617,979,721	46,153,375	183,442,135	113,892,833	2,108,938,755	
Difference					9,295	186,905	75,661	(1)	2	731	272,593	

Ledger Values								
Description	Location Number	A/C 350	A/C 352	A/C 353	A/C 360	A/C 361	A/C 362	Total
Midway-Vincent	4026	2,910,822	-	27,105	-	-	-	2,937,927
DWP-Edison Calif	4031	-	95,841	-	-	-	-	95,841
DWP-Edison Nevada	4034	-	541	-	-	-	-	541
PARDEE-SYLMAR LINES 1&2	4045	179,131	-	-	-	-	-	179,131
EAGLE ROCK-SYLMAR LNE	4046	186,657	-	-	-	-	-	186,657
PARDEE-VINCENT LINE CONST	4059	13,002	-	-	-	-	-	13,002
RIO HONDO-VINCENT LN 2	4070	61,040	-	-	-	-	-	61,040
Many Transmission Lines	4101	1,458,517	278,181	98,475	-	-	-	1,835,173
COGEN/RENEWABLE ENERGY SO	4102	1,466,128	-	-	-	-	-	1,466,128
DEVERS-HINS LN, OTHERS	4104	1,331,335	-	-	-	-	-	1,331,335
Various 66kv Lines	4105	31,669,556	307,314	1,071,634	691,618	-	-	33,740,122
COGEN/RENEW ENGY SOURCES	4106	563,121	-	-	-	-	-	563,121
Various 220kv Lines	4107	2,639,357	303,336	-	-	-	-	2,942,693
Chino-Serrano	4108	8,067,991	3,035,777	-	-	-	-	11,103,767
BIG CRK 3-BIG CRK 4	4111	1,944	-	-	-	-	-	1,944
BIGCRK-SPRGVL, MGDN-SPRGV	4113	874,872	-	-	-	-	-	874,872
Alamitos-Mesa-& Various	4114	3,210,578	534,060	661,182	-	-	-	4,405,820
Lighthipe-Hinson-Long Beach	4115	1,607,024	531,635	2,149	-	-	-	2,140,808
Various 220kv Lines	4116	3,594,552	174,910	2,065	-	-	-	3,771,528
Various 220kv Lines	4117	1,005,476	7,084	12,857	-	-	-	1,025,417
Mira Loma, other	4118	5,639,405	134,435	2,260	-	-	-	5,776,099
Various 220kv Lines	4119	2,099,654	71,860	101	-	-	-	2,171,615
Huntington Beach- Ellis GRT (4 Lines)	4120	4,270,244	298,150	3,380	-	-	-	4,571,774
BIG CREEK 4-SPRNGVLL-MGDN	4121	353,928	-	-	-	-	-	353,928
Lugo-Vincent	4123	1,734,921	-	16,633	-	-	-	1,751,554
BIG CRK 1-CMP TEN-...-PRTL	4124	485	-	-	-	-	-	485
Mandalay-Santa Clara GRT (2 Lines)	4125	11,414,612	1,761,946	1,918	-	-	-	13,178,476
NORTH BOULDER-MEAD, OTHER	4127	19,842	-	-	-	-	-	19,842
KERN RIVER3-VESTAL 66 KV	4129	38,460	-	-	-	-	-	38,460
MOHAVE-LUGO 500KV	4130	157,990	-	-	-	-	-	157,990
CUMMINGS-KERBN RIV1, OTH	4132	3,146	-	-	-	-	-	3,146
BOREL-...-WALKER 66KV LN	4133	53,165	-	-	-	-	-	53,165
LUGO-VICTOR LNS, OTHER	4135	2,211,889	-	-	-	-	-	2,211,889
LUGO-ELDORADO LN	4136	1,330,373	-	-	-	-	-	1,330,373
LUGO-ELDORADO LN	4137	16,589	-	-	-	-	-	16,589
Lugo-Mira Loma	4138	9,600,704	-	98	-	-	-	9,600,802
SPRGVLL-TULE 66KV LN	4139	517	-	-	-	-	-	517
MOHAVE-LUGO 500 KV LN	4140	278,112	-	-	-	-	-	278,112
MOHAVE-ELDORADO LN	4141	76,199	-	-	-	-	-	76,199
BOREL-WELDON 66KV LN	4142	25,409	-	-	-	-	-	25,409
ELDORADO-BORDER 500 KV LN	4143	6,167	-	-	-	-	-	6,167
ELDORADO-MEAD LNS 1&2	4144	9,994	-	-	-	-	-	9,994
Vincent-Pardee Line 2	4147	3,854,651	-	1,880	-	-	-	3,856,531
MIRA LOMA-SERRANO LN	4148	1,696,736	-	-	-	-	-	1,696,736
SANTA ANA LNS 1,2,3	4149	232	-	-	-	-	-	232
VINCENT-PEARBLOSSOM LN	4153	309,032	-	-	-	-	-	309,032
LUGO-VICTORVLL EDSON-DWP	4154	751,549	-	-	-	-	-	751,549
MIDWAY-VINCENT LN 3	4155	2,956,983	-	-	-	-	-	2,956,983
ELLIS-SANTIAGO LNS 1,2	4156	12,019,808	-	-	-	-	-	12,019,808
Rio Honda-Vincent Line 2	4157	105,605	18,610	-	-	-	-	124,216
LUCERNE-LUGO/MIRA LOMA LN	4158	498,252	-	-	-	-	-	498,252
BIG CRK 2-BIG CRK 8	4166	9,034	-	-	-	-	-	9,034
BIG CRK 3-MAMMOTH POOL	4168	4,331	-	-	-	-	-	4,331
Various 220kv Lines	4169	3,565,382	-	2,701	-	-	-	3,568,084
DEVERS-PALO VERDE	4185	12,533,939	-	-	-	-	-	12,533,939
DEVERS-PALO VERDE	4186	1,193,710	-	-	-	-	-	1,193,710
DEVERS-VALLEY LNS 1,2	4187	10,444,073	-	-	-	-	-	10,444,073
Serrano-Valley	4188	2,855,826	8,043	-	-	-	-	2,863,870
SERRANO-VILLA PK LN 1,2,3	4189	78,248	-	-	-	-	-	78,248
VARIOUS 66KV LINES	4200	-	465,310	-	-	-	-	465,310
E.MAGUNDEN-ANTELOPE 220KV	4207	-	25,798	-	-	-	-	25,798
ANTELOPE-MESA 220 KV LN	4307	-	23,142	-	-	-	-	23,142
EAGLE ROCK-MESA 220KV LN	4314	-	5,449	-	-	-	-	5,449
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	256,666	-	-	-	256,666
Northern (Transmission Location)	4600	-	106,618	21,515	-	14,552	-	142,684
33&66KV LNS IN NRTHEN T/S	4605	-	235,738	-	83,844	-	-	319,582
MOORPARK-PARDEE 200KV LN	4625	-	7,825	-	-	-	-	7,825
Eastern (Transmission Location)	4700	33,305	-	1,233	-	-	-	34,538
Various 55kv Lines	4705	243,215	3,296	-	-	-	-	246,510
LEE VINING-LUNDY 55K 4771	4730	10,585	-	-	-	-	-	10,585
BISHOP CRK55&115KV LINES	4735	138	-	-	-	-	-	138
Various 115kv Lines	4750	14,315,889	2,902	173,059	-	-	-	14,491,850
DEVERS-SN BRDNO 220 KV LN	4756	1,079,577	-	-	-	-	-	1,079,577
BLYTHE-EAGLE MT 161 KV LN	4759	33,310	-	-	-	-	-	33,310
HOOVER-CLWTR 115 KV LN	4781	1,277	-	-	-	-	-	1,277
HOOVER-CLWTR 115 KV LN	4782	165,196	-	-	-	-	-	165,196

Description	Location Number	GENERATION RELATED PLANT COST			ISO RELATED PLANT COST		
		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
Midway-Vincent	4026	-	-	-	2,910,822	-	27,105
DWP-Edison Calif	4031	-	-	-	-	95,841	-
DWP-Edison Nevada	4034	-	-	-	-	541	-
PARDEE-SYLMAR LINES 1&2	4045	-	-	-	179,131	-	-
EAGLE ROCK-SYLMAR LINE	4046	-	-	-	186,657	-	-
PARDEE-VINCENT LINE CONST	4059	-	-	-	13,002	-	-
RIO HONDO-VINCENT LN 2	4070	-	-	-	61,040	-	-
Many Transmission Lines	4101	-	-	-	1,418,562	270,518	95,762
COGEN/RENEWABLE ENERGY SO	4102	-	-	-	777,708	-	-
DEVERS-HINS LN, OTHERS	4104	-	-	-	1,253,514	-	-
Various 66kv Lines	4105	-	-	-	3,469,110	122,153	116,166
COGEN/RENEW ENGY SOURCES	4106	-	-	-	1,303	-	-
Various 220kv Lines	4107	-	-	-	2,399,013	296,716	-
Chino-Serrano	4108	-	-	-	8,067,991	3,035,777	-
BIG CRK 3-BIG CRK 4	4111	-	-	-	1,944	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	-	-	-	866,528	-	-
Alamitos-Mesa-& Various	4114	-	-	-	3,063,761	514,836	630,945
Lighthipe-Hinson-Long Beach	4115	-	-	-	1,607,024	531,635	2,149
Various 220kv Lines	4116	-	-	-	3,594,622	174,910	2,065
Various 220kv Lines	4117	-	-	-	1,005,509	7,084	12,857
Mira Loma, other	4118	-	-	-	5,239,035	124,516	2,093
Various 220kv Lines	4119	-	-	-	1,793,707	61,385	86
Huntington Beach- Ellis GRT (4 Lines)	4120	-	-	-	3,695,472	258,018	2,925
BIG CREEK 4-SPRNGVLL-MGDN	4121	-	-	-	353,928	-	-
Lugo-Vincent	4123	-	-	-	1,734,921	-	16,633
BIG CRK 1-CMP TEN-...-PRTL	4124	-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Lines)	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, OTHE	4132	-	-	-	3,132	-	-
BOREL-...-WALKER 66KV LN	4133	-	-	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	-	-	-	1,443,554	-	-
LUGO-ELDORADO LN	4136	-	-	-	1,330,373	-	-
LUGO-ELDORADO LN	4137	-	-	-	16,589	-	-
Lugo-Mira Loma	4138	-	-	-	9,605,387	-	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 LN	4143	-	-	-	6,167	-	-
ELDORADO-MEAD LNS 1&2	4144	-	-	-	9,994	-	-
Vincent-Pardee Line 2	4147	-	-	-	3,855,188	-	1,880
MIRA LOMA-SERRANO LN	4148	-	-	-	1,696,736	-	-
SANTA ANA LNS 1,2,3	4149	-	-	-	-	-	-
VINCENT-PEARBLOSSOM LN	4153	-	-	-	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154	-	-	-	751,549	-	-
MIDWAY-VINCENT LN 3	4155	-	-	-	2,956,983	-	-
ELLIS-SANTIAGO LNS 1,2	4156	-	-	-	12,025,290	-	-
Rio Honda-Vincent Line 2	4157	-	-	-	105,605	18,610	-
LUCERNE-LUGO/MIRA LOMA LN	4158	-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	-	-	-	9,034	-	-
BIG CRK 3-MAMMOTH POOL	4168	-	-	-	-	-	-
Various 220kv Lines	4169	-	-	-	3,452,749	-	2,616
DEVERS-PALO VERDE	4185	-	-	-	12,546,476	-	-
DEVERS-PALO VERDE	4186	-	-	-	1,194,335	-	-
DEVERS-VALLEY LNS 1,2	4187	-	-	-	10,444,073	-	-
Serrano-Valley	4188	-	-	-	2,858,639	8,043	-
SERRANO-VILLA PK LN 1,2,3	4189	-	-	-	78,248	-	-
VARIOUS 66KV LINES	4200	-	-	-	-	-	-
E.MAGUNDEN-ANTELOPE 220KV	4207	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-	-	-
Northern (Transmission Location)	4600	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/5	4605	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-	-	-	-
Eastern (Transmission Location)	4700	-	-	-	-	-	-
Various 55kv Lines	4705	-	-	-	94,331	1,278	-
LEE VINING-LUNDY 55K 4771	4730	-	-	-	-	-	-
BISHOP CRK55&115KV LINES	4735	-	-	-	-	-	-
Various 115kv Lines	4750	-	-	-	3,933,969	797	118,009
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-CLWTR 115 KV LN	4782	-	-	-	165,196	-	-

NON-ISO RELATED PLANT				
Description	Location Number	A/C 350	A/C 352	A/C 353
Midway-Vincent	4026	-	-	-
DWP-Edison Calif	4031	-	-	-
DWP-Edison Nevada	4034	-	-	-
PARDEE-SYLMAR LNES 1&2	4045	-	-	-
EAGLE ROCK-SYLMAR LNE	4046	-	-	-
PARDEE-VINCENT LINE CONST	4059	-	-	-
RIO HONDO-VINCENT LN 2	4070	-	-	-
Many Transmission Lines	4101	39,955	7,663	2,713
COGEN/RENEWABLE ENERGY SO	4102	688,420	-	-
DEVERS-HINS LN, OTHERS	4104	77,821	-	-
Various 66kv Lines	4105	28,200,445	185,162	955,468
COGEN/RENEW ENGY SOURCES	4106	561,818	-	-
Various 220kv Lines	4107	240,344	6,621	-
Chino-Serrano	4108	-	-	-
BIG CRK 3-BIG CRK 4	4111	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	8,344	-	-
Alamitos-Mesa-& Various	4114	146,817	19,224	30,237
Lighthipe-Hinson-Long Beach	4115	-	-	-
Various 220kv Lines	4116	(69)	0	-
Various 220kv Lines	4117	(33)	0	-
Mira Loma, other	4118	400,370	9,919	167
Various 220kv Lines	4119	305,947	10,475	15
Huntington Beach- Ellis GRT (4 Lines)	4120	574,772	40,131	455
BIG CREEK 4-SPRNGVLL-MGDN	4121	-	-	-
Lugo-Vincent	4123	-	-	-
BIG CRK 1-CMP TEN...-PRTL	4124	485	-	-
Mandalay-Santa Clara GRT (2 Lines)	4125	2,921,737	445,173	491
NORTH BOULDER-MEAD, OTHER	4127	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	38,460	-	-
MOHAVE-LUGO 500KV	4130	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	14	-	-
BOREL...-WALKER 66KV LN	4133	53,165	-	-
LUGO-VICTOR LNS, OTHER	4135	768,335	-	-
LUGO-ELDORADO LN	4136	-	-	-
LUGO-ELDORADO LN	4137	-	-	-
Lugo-Mira Loma	4138	(4,683)	-	-
SPRGVLL-TULE 66KV LN	4139	517	-	-
MOHAVE-LUGO 500 KV LN	4140	-	-	-
MOHAVE-ELDORADO LN	4141	-	-	-
BOREL-WELDON 66KV LN	4142	25,409	-	-
ELDORADO-BORDER 500 KV LN	4143	-	-	-
ELDORADO-MEAD LNS 1&2	4144	-	-	-
Vincent-Pardee Line 2	4147	(536)	-	-
MIRA LOMA-SERRANO LN	4148	-	-	-
SANTA ANA LNS 1,2,3	4149	232	-	-
VINCENT-PEARBLOSSOM LN	4153	309,032	-	-
LUGO-VICTORVLL EDSON-DWP	4154	-	-	-
MIDWAY-VINCENT LN 3	4155	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	(5,482)	-	-
Rio Honda-Vincent Line 2	4157	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158	498,252	-	-
BIG CRK 2-BIG CRK 8	4166	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	4,331	-	-
Various 220kv Lines	4169	112,633	-	85
DEVERS-PALO VERDE	4185	(12,537)	-	-
DEVERS-PALO VERDE	4186	(624)	-	-
DEVERS-VALLEY LNS 1,2	4187	-	-	-
Serrano-Valley	4188	(2,813)	0	-
SERRANO-VILLA PK LN 1,2,3	4189	-	-	-
VARIOUS 66KV LINES	4200	-	465,310	-
E.MAGUNDEN-ANTELOPE 220KV	4207	-	25,798	-
ANTELOPE-MESA 220 KV LN	4307	-	23,142	-
EAGLE ROCK-MESA 220KV LN	4314	-	5,449	-
CENTER-MESA 220KV LN	4319	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-
DESERT REGION 115KV LINES	4570	-	-	256,666
Northern (Transmission Location)	4600	-	106,618	21,515
33&66KV LNS IN NRTHEN T/S	4605	-	235,738	-
MOORPARK-PARDEE 200KV LN	4625	-	7,825	-
Eastern (Transmission Location)	4700	33,305	-	1,233
Various 55kv Lines	4705	148,884	2,017	-
LEE VINING-LUNDY 55K 4771	4730	10,585	-	-
BISHOP CRK55&115KV LINES	4735	138	-	-
Various 115kv Lines	4750	10,381,920	2,105	55,051
DEVERS-SN BRDNO 220 KV LN	4756	18	-	-
BLYTHE-EAGLE MT 161 KV LN	4759	-	-	-
HOOVER-CLWTR 115 KV LN	4781	-	-	-
HOOVER-CLWTER 115 KV LN	4782	-	-	-

Description	Location Number	GENERATION RELATED PLANT COST			ISO RELATED PLANT COST		
		A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362
Midway-Vincent	4026	-	-	-	-	-	-
DWP-Edison Calif	4031	-	-	-	-	-	-
DWP-Edison Nevada	4034	-	-	-	-	-	-
PARDEE-SYLMAR LNES 1&2	4045	-	-	-	-	-	-
EAGLE ROCK-SYLMAR LNE	4046	-	-	-	-	-	-
PARDEE-VINCENT LINE CONST	4059	-	-	-	-	-	-
RIO HONDO-VINCENT LN 2	4070	-	-	-	-	-	-
Many Transmission Lines	4101	-	-	-	-	-	-
COGEN/RENEWABLE ENERGY SO	4102	-	-	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	-	-	-	-	-	-
Various 66kv Lines	4105	-	-	-	-	-	-
COGEN/RENEW ENGY SOURCES	4106	-	-	-	-	-	-
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 Lines)	4120	-	-	-	-	-	-
BIG CREEK 4-SPRNGVLL-MGDN	4121	-	-	-	-	-	-
Lugo-Vincent	4123	-	-	-	-	-	-
BIG CRK 1-CMP TEN--PRTL	4124	-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Lines)	4125	-	-	-	-	-	-
NORTH BOULDER-MEAD, OTHER	4127	-	-	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	-	-	-	-	-	-
MOHAVE-LUGO 500KV	4130	-	-	-	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	-	-	-	-	-	-
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 LN	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-DWP	4154	-	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	-	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	-	-	-	-	-	-
Rio Honda-Vincent Line 2	4157	-	-	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	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 220KV	4207	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-	-	-
Northern (Transmission Location)	4600	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-	-	-	-
Eastern (Transmission Location)	4700	-	-	-	-	-	-
Various 55kv Lines	4705	-	-	-	-	-	-
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-CLWTER 115 KV LN	4782	-	-	-	-	-	-

NON-ISO RELATED PLANT					
Description	Location Number	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	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	-	-	-	-
Various 66kv Lines	4105	691,618	-	-	-
COGEN/RENEW ENGY SOURCES	4106	-	-	-	-
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 Lines)	4120	-	-	-	-
BIG CREEK 4-SPRNGVLL-MGDN	4121	-	-	-	-
Lugo-Vincent	4123	-	-	-	-
BIG CRK 1-CMP TEN-...-PRTL	4124	-	-	-	-
Mandalay-Santa Clara GRT (2 Lines)	4125	-	-	-	-
NORTH BOULDER-MEAD, OTHER	4127	-	-	-	-
KERN RIVER3-VESTAL 66 KV	4129	-	-	-	-
MOHAVE-LUGO 500KV	4130	-	-	-	-
CUMMINGS-KERBN RIV1, OTHE	4132	-	-	-	-
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 LN	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-DWP	4154	-	-	-	-
MIDWAY-VINCENT LN 3	4155	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	-	-	-	-
Rio Honda-Vincent Line 2	4157	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	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 220KV	4207	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-
Northern (Transmission Location)	4600	-	14,552	-	-
33&66KV LNS IN NRTHEN T/S	4605	83,844	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-	-
Eastern (Transmission Location)	4700	-	-	-	-
Various 55kv Lines	4705	-	-	-	-
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	-	-	-	-

1 = Assuming EKWRA Reconfiguration HAS occurred

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	-	-	-	-	-
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	1,418,562	270,518	95,762	-	-	-
COGEN/RENEWABLE ENERGY SO	4102	777,708	-	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	1,253,514	-	-	-	-	-
Various 66kv Lines	4105	213,521	7,518	7,150	-	-	-
COGEN/RENEW ENGY SOURCES	4106	-	-	-	-	-	-
Various 220kv Lines	4107	2,399,013	296,716	-	-	-	-
Chino-Serrano	4108	8,067,991	3,035,777	-	-	-	-
BIG CRK 3-BIG CRK 4	4111	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	866,528	-	-	-	-	-
Alamitos-Mesa-& Various	4114	3,063,761	514,836	630,945	-	-	-
Lighthipe-Hinson-Long Beach	4115	1,607,024	531,635	2,149	-	-	-
Various 220kv Lines	4116	3,594,622	174,910	2,065	-	-	-
Various 220kv Lines	4117	1,005,509	7,084	12,857	-	-	-
Mira Loma, other	4118	5,239,035	124,516	2,093	-	-	-
Various 220kv Lines	4119	1,793,707	61,385	86	-	-	-
Huntington Beach- Ellis GRT (4 Lines)	4120	3,695,472	258,018	2,925	-	-	-
BIG CREEK 4-SPRNGVLL-MGDN	4121	353,928	-	-	-	-	-
Lugo-Vincent	4123	1,734,921	-	16,633	-	-	-
BIG CRK 1-CMP TEN--PRTL	4124	-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Lines)	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, OTHE	4132	-	-	-	-	-	-
BOREL-...-WALKER 66KV LN	4133	-	-	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	1,443,554	-	-	-	-	-
LUGO-ELDORADO LN	4136	1,330,373	-	-	-	-	-
LUGO-ELDORADO LN	4137	16,589	-	-	-	-	-
Lugo-Mira Loma	4138	9,605,387	-	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 LN	4143	6,167	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	9,994	-	-	-	-	-
Vincent-Pardee Line 2	4147	3,855,188	-	1,880	-	-	-
MIRA LOMA-SERRANO LN	4148	1,696,736	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149	-	-	-	-	-	-
VINCENT-PEARBLOSSOM LN	4153	-	-	-	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154	751,549	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	2,956,983	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	12,025,290	-	-	-	-	-
Rio Honda-Vincent Line 2	4157	105,605	18,610	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158	-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	9,034	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	-	-	-	-	-	-
Various 220kv Lines	4169	3,452,749	-	2,616	-	-	-
DEVERS-PALO VERDE	4185	12,546,476	-	-	-	-	-
DEVERS-PALO VERDE	4186	1,194,335	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	10,444,073	-	-	-	-	-
Serrano-Valley	4188	2,858,639	8,043	-	-	-	-
SERRANO-VILLA PK LN 1,2,3	4189	78,248	-	-	-	-	-
VARIOUS 66KV LINES	4200	-	-	-	-	-	-
E.MAGUNDEN-ANTELOPE 220KV	4207	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-	-	-
Northern (Transmission Location)	4600	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-	-	-	-
Eastern (Transmission Location)	4700	-	-	-	-	-	-
Various 55kv Lines	4705	94,331	1,278	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	-	-	-	-	-	-
BISHOP CRK5&115KV LINES	4735	-	-	-	-	-	-
Various 115kv Lines	4750	3,933,969	797	118,009	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	1,079,559	-	-	-	-	-
BLTYHE-EAGLE MT 161 KV LN	4759	33,310	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781	1,277	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4782	165,196	-	-	-	-	-

2 = Assuming EKWRA Reconfiguration HAS NOT occurred

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 LINES 1&2	4045	179,131	-	-	-	-	-
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	1,418,562	270,518	95,762	-	-	-
COGEN/RENEWABLE ENERGY SO	4102	777,708	-	-	-	-	-
DEVERS-HINS LN, OTHERS	4104	1,253,514	-	-	-	-	-
Various 66kv Lines	4105	3,469,110	122,153	116,166	-	-	-
COGEN/RENEW ENGY SOURCES	4106	1,303	-	-	-	-	-
Various 220kv Lines	4107	2,399,013	296,716	-	-	-	-
Chino-Serrano	4108	8,067,991	3,035,777	-	-	-	-
BIG CRK 3-BIG CRK 4	4111	1,944	-	-	-	-	-
BIGCRK-SPRGVL, MGDN-SPRGV	4113	866,528	-	-	-	-	-
Alamitos-Mesa-& Various	4114	3,063,761	514,836	630,945	-	-	-
Lighthipe-Hinsson-Long Beach	4115	1,607,024	531,635	2,149	-	-	-
Various 220kv Lines	4116	3,594,622	174,910	2,065	-	-	-
Various 220kv Lines	4117	1,005,509	7,084	12,857	-	-	-
Mira Loma, other	4118	5,239,035	124,516	2,093	-	-	-
Various 220kv Lines	4119	1,793,707	61,385	86	-	-	-
Huntington Beach- Ellis GRT (4 Lines)	4120	3,695,472	258,018	2,925	-	-	-
BIG CREEK 4-SPRNGVLL-MGDN	4121	353,928	-	-	-	-	-
Lugo-Vincent	4123	1,734,921	-	16,633	-	-	-
BIG CRK 1-CMP TEN-...-PRTL	4124	-	-	-	-	-	-
Mandalay-Santa Clara GRT (2 Lines)	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, OTHE	4132	3,132	-	-	-	-	-
BOREL-...-WALKER 66KV LN	4133	-	-	-	-	-	-
LUGO-VICTOR LNS, OTHER	4135	1,443,554	-	-	-	-	-
LUGO-ELDORADO LN	4136	1,330,373	-	-	-	-	-
LUGO-ELDORADO LN	4137	16,589	-	-	-	-	-
Lugo-Mira Loma	4138	9,605,387	-	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 LN	4143	6,167	-	-	-	-	-
ELDORADO-MEAD LNS 1&2	4144	9,994	-	-	-	-	-
Vincent-Pardee Line 2	4147	3,855,188	-	1,880	-	-	-
MIRA LOMA-SERRANO LN	4148	1,696,736	-	-	-	-	-
SANTA ANA LNS 1,2,3	4149	-	-	-	-	-	-
VINCENT-PEARBLOSSOM LN	4153	-	-	-	-	-	-
LUGO-VICTORVLL EDSON-DWP	4154	751,549	-	-	-	-	-
MIDWAY-VINCENT LN 3	4155	2,956,983	-	-	-	-	-
ELLIS-SANTIAGO LNS 1,2	4156	12,025,290	-	-	-	-	-
Rio Honda-Vincent Line 2	4157	105,605	18,610	-	-	-	-
LUCERNE-LUGO/MIRA LOMA LN	4158	-	-	-	-	-	-
BIG CRK 2-BIG CRK 8	4166	9,034	-	-	-	-	-
BIG CRK 3-MAMMOTH POOL	4168	-	-	-	-	-	-
Various 220kv Lines	4169	3,452,749	-	2,616	-	-	-
DEVERS-PALO VERDE	4185	12,546,476	-	-	-	-	-
DEVERS-PALO VERDE	4186	1,194,335	-	-	-	-	-
DEVERS-VALLEY LNS 1,2	4187	10,444,073	-	-	-	-	-
Serrano-Valley	4188	2,858,639	8,043	-	-	-	-
SERRANO-VILLA PK LN 1,2,3	4189	78,248	-	-	-	-	-
VARIOUS 66KV LINES	4200	-	-	-	-	-	-
E.MAGUNDEN-ANTELOPE 220KV	4207	-	-	-	-	-	-
ANTELOPE-MESA 220 KV LN	4307	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4314	-	-	-	-	-	-
CENTER-MESA 220KV LN	4319	-	-	-	-	-	-
EAGLE ROCK-MESA 220KV LN	4414	-	-	-	-	-	-
CENTER MESA&OLINDA 220KV	4419	-	-	-	-	-	-
ETIWANDA-PADUA 220KV LN	4518	-	-	-	-	-	-
DESERT REGION 115KV LINES	4570	-	-	-	-	-	-
Northern (Transmission Location)	4600	-	-	-	-	-	-
33&66KV LNS IN NRTHEN T/S	4605	-	-	-	-	-	-
MOORPARK-PARDEE 200KV LN	4625	-	-	-	-	-	-
Eastern (Transmission Location)	4700	-	-	-	-	-	-
Various 55kv Lines	4705	94,331	1,278	-	-	-	-
LEE VINING-LUNDY 55K 4771	4730	-	-	-	-	-	-
BISHOP CRK55&115KV LINES	4735	-	-	-	-	-	-
Various 115kv Lines	4750	3,933,969	797	118,009	-	-	-
DEVERS-SN BRDNO 220 KV LN	4756	1,079,559	-	-	-	-	-
BLYTHER-EAGLE MT 161 KV LN	4759	33,310	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4781	1,277	-	-	-	-	-
HOOVER-CLWTR 115 KV LN	4782	165,196	-	-	-	-	-

Description	Location Number	EKWRA Affected	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		0	0	0	0	0	0
DWP-Edison Calif	4031		0	0	0	0	0	0
DWP-Edison Nevada	4034		0	0	0	0	0	0
PARDEE-SYLMAR LNES 1&2	4045		0	0	0	0	0	0
EAGLE ROCK-SYLMAR LNE	4046		0	0	0	0	0	0
PARDEE-VINCENT LINE CONST	4059		0	0	0	0	0	0
RIO HONDO-VINCENT LN 2	4070		0	0	0	0	0	0
Many Transmission Lines	4101		0	0	0	0	0	0
COGEN/RENEWABLE ENERGY SO	4102		0	0	0	0	0	0
DEVERS-HINS LN, OTHERS	4104		0	0	0	0	0	0
Various 66kv Lines	4105	1	-3255589.16	-114634	-109016	0	0	0
COGEN/RENEW ENGY SOURCES	4106	1	-1303.1387	0	0	0	0	0
Various 220kv Lines	4107		0	0	0	0	0	0
Chino-Serrano	4108		0	0	0	0	0	0
BIG CRK 3-BIG CRK 4	4111		0	0	0	0	0	0
BIGCRK-SPRGVL, MGDN-SPRGV	4113		0	0	0	0	0	0
Alamitos-Mesa-& Various	4114		0	0	0	0	0	0
Lighthipe-Hinson-Long Beach	4115		0	0	0	0	0	0
Various 220kv Lines	4116		0	0	0	0	0	0
Various 220kv Lines	4117		0	0	0	0	0	0
Mira Loma, other	4118		0	0	0	0	0	0
Various 220kv Lines	4119		0	0	0	0	0	0
Huntington Beach- Ellis GRT (4 Lines)	4120		0	0	0	0	0	0
BIG CREEK 4-SPRNGVLL-MGDN	4121		0	0	0	0	0	0
Lugo-Vincent	4123		0	0	0	0	0	0
BIG CRK 1-CMP TEN---PRTL	4124		0	0	0	0	0	0
Mandalay-Santa Clara GRT (2 Lines)	4125		0	0	0	0	0	0
NORTH BOULDER-MEAD, OTHER	4127		0	0	0	0	0	0
KERN RIVER3-VESTAL 66 KV	4129		0	0	0	0	0	0
MOHAVE-LUGO 500KV	4130		0	0	0	0	0	0
CUMMINGS-KERBN RIV1, OTHE	4132	1	-3132.06876	0	0	0	0	0
BOREL---WALKER 66KV LN	4133		0	0	0	0	0	0
LUGO-VICTOR LNS, OTHER	4135		0	0	0	0	0	0
LUGO-ELDORADO LN	4136		0	0	0	0	0	0
LUGO-ELDORADO LN	4137		0	0	0	0	0	0
Lugo-Mira Loma	4138		0	0	0	0	0	0
SPRGVLL-TULE 66KV LN	4139		0	0	0	0	0	0
MOHAVE-LUGO 500 KV LN	4140		0	0	0	0	0	0
MOHAVE-ELDORADO LN	4141		0	0	0	0	0	0
BOREL-WELDON 66KV LN	4142		0	0	0	0	0	0
ELDORADO-BORDER 500 KV LN	4143		0	0	0	0	0	0
ELDORADO-MEAD LNS 1&2	4144		0	0	0	0	0	0
Vincent-Pardee Line 2	4147		0	0	0	0	0	0
MIRA LOMA-SERRANO LN	4148		0	0	0	0	0	0
SANTA ANA LNS 1,2,3	4149		0	0	0	0	0	0
VINCENT-PEARBLOSSOM LN	4153		0	0	0	0	0	0
LUGO-VICTORVLL EDSON-DWP	4154		0	0	0	0	0	0
MIDWAY-VINCENT LN 3	4155		0	0	0	0	0	0
ELLIS-SANTIAGO LNS 1,2	4156		0	0	0	0	0	0
Rio Honda-Vincent Line 2	4157		0	0	0	0	0	0
LUCERNE-LUGO/MIRA LOMA LN	4158		0	0	0	0	0	0
BIG CRK 2-BIG CRK 8	4166		0	0	0	0	0	0
BIG CRK 3-MAMMOTH POOL	4168		0	0	0	0	0	0
Various 220kv Lines	4169		0	0	0	0	0	0
DEVERS-PALO VERDE	4185		0	0	0	0	0	0
DEVERS-PALO VERDE	4186		0	0	0	0	0	0
DEVERS-VALLEY LNS 1,2	4187		0	0	0	0	0	0
Serrano-Valley	4188		0	0	0	0	0	0
SERRANO-VILLA PK LN 1,2,3	4189		0	0	0	0	0	0
VARIOUS 66KV LINES	4200		0	0	0	0	0	0
E.MAGUNDEN-ANTELOPE 220KV	4207		0	0	0	0	0	0
ANTELOPE-MESA 220 KV LN	4307		0	0	0	0	0	0
EAGLE ROCK-MESA 220KV LN	4314		0	0	0	0	0	0
CENTER-MESA 220KV LN	4319		0	0	0	0	0	0
EAGLE ROCK-MESA 220KV LN	4414		0	0	0	0	0	0
CENTER MESA&OLINDA 220KV	4419		0	0	0	0	0	0
ETIWANDA-PADUA 220KV LN	4518		0	0	0	0	0	0
DESERT REGION 115KV LINES	4570		0	0	0	0	0	0
Northern (Transmission Location)	4600		0	0	0	0	0	0
33&66KV LNS IN NRTHEN T/S	4605		0	0	0	0	0	0
MOORPARK-PARDEE 200KV LN	4625		0	0	0	0	0	0
Eastern (Transmission Location)	4700		0	0	0	0	0	0
Various 55kv Lines	4705		0	0	0	0	0	0
LEE VINING-LUNDY 55K 4771	4730		0	0	0	0	0	0
BISHOP CRK55&115KV LINES	4735		0	0	0	0	0	0
Various 115kv Lines	4750	1	0	0	0	0	0	0
DEVERS-SN BRDNO 220 KV LN	4756		0	0	0	0	0	0
BLYTHE-EAGLE MT 161 KV LN	4759		0	0	0	0	0	0
HOOVER-CLWTR 115 KV LN	4781		0	0	0	0	0	0
HOOVER-CLWTER 115 KV LN	4782		0	0	0	0	0	0

Substation **Location #** **2 = Assuming EKWRA Reconfiguration HAS NOT occurred**

TAG			GENERATION RELATED PLANT COST			ISO RELATED PLANT COST			NON-ISO RELATED PLANT		
			A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
#6 5365 Acton	5365	Mix	0.00	0.00	0.00	3,768.50	0.00	0.00	20,398.93	0.00	0.00
#73 5539 Anaverde	5539	Mix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#74 5599 Helijet	5599	Mix	0.00	0.00	0.00	0.00	0.00	346,134.01	0.00	0.00	142,537.30
#75 5564 Palmdale	5564	Mix	0.00	0.00	0.00	0.00	0.00	688,370.26	0.00	0.00	25,579.22
#76 5518 Little Rock	5518	Mix	0.00	0.00	0.00	0.00	0.00	379,880.83	0.00	0.00	796,523.52
#77 5522 Shuttle	5522	Mix	0.00	0.00	0.00	0.00	0.00	798,317.91	0.00	0.00	220,657.93
#78 5548 Oasis	5548	Mix	0.00	0.00	0.00	0.00	0.00	395,907.39	0.00	0.00	222,757.83
#79 5545 Piute	5545	Mix	0.00	0.00	0.00	0.00	0.00	140,208.60	0.00	0.00	0.00
#80 5530 Redman	5530	Mix	0.00	0.00	0.00	0.00	0.00	276,510.15	0.00	0.00	317.65
#81 5514 Lancaster	5514	Mix	0.00	0.00	0.00	0.00	0.00	1,039,386.39	0.00	0.00	32,329.09
#82 5508 Del Sur	5508	Mix	0.00	0.00	0.00	0.00	0.00	392,256.00	0.00	0.00	24,331.12
#83 5511 Goldtown	5511	Mix	0.00	0.00	0.00	0.00	0.00	472,673.53	0.00	0.00	13,094.28
#84 5547 Corum	5547	Mix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#85 5541 Rosamond	5541	Mix	0.00	0.00	0.00	0.00	0.00	560,191.65	0.00	0.00	0.00
#86 5553 Cal Cement	5553	Mix	0.00	0.00	0.00	0.00	2,432.63	231,734.50	0.00	2,096.10	0.00
#87 5357 Cummings	5357	Mix	0.00	0.00	0.00	0.00	0.00	50,024.65	0.00	0.00	0.00
#88 5566 Quartz Hill	5566	Mix	0.00	0.00	0.00	0.00	0.00	189,904.62	0.00	0.00	0.00
#90 5512 Gorman	5512	Mix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#92 5079 Wind Hub	5079	Mix	0.00	0.00	0.00						
#93 5358 Monolith	5358	Mix	0.00	0.00	0.00	0.00	0.00	1,142,050.15	0.00	0.00	103,398.61
#97 8504 Ritter Ranch	8504	Mix	0.00	0.00	0.00	351,410.00	0.00	0.00	591,013.45	0.00	0.00
2313 Kern River	2313	Mix	0.00	0.00	0.00	0.00	2,138.04	181,855.92	0.00	2,045.62	172,406.26

Substation		Location #									
		GENERATION RELATED PLANT COST			ISO RELATED PLANT COST			NON-ISO RELATED PLANT			
		A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362	
#6 5365 Acton	5365	0.00	0.00	0.00	72,734.25	372,807.21	1,285,595.42	393,711.64	1,749,722.56	7,227,237.46	0.00
#73 5539 Anaverde	5539	0.00	0.00	0.00	1.08	5,108.82	68,715.76	156.16	735,515.99	9,892,998.67	0.00
#74 5599 Helijet	5599	0.00	0.00	0.00	0.00	31,900.90	22,946.49	0.00	203,330.14	2,209,909.95	0.00
#75 5564 Palmdale	5564	0.00	0.00	0.00	7,222.57	11,805.74	303,345.96	55,080.69	422,078.50	7,205,385.83	0.00
#76 5518 Little Rock	5518	0.00	0.00	0.00	66.59	48,835.82	1,101,418.90	376.00	318,916.59	7,524,096.13	0.00
#77 5522 Shuttle	5522	0.00	0.00	0.00	1,100.46	39,952.73	0.00	10,812.86	392,567.85	7,623,460.37	0.00
#78 5548 Oasis	5548	0.00	0.00	0.00	332.44	45,626.59	288,816.68	4,855.33	1,477,923.04	8,966,043.51	0.00
#79 5545 Piute	5545	0.00	0.00	0.00	972.47	14,361.72	56,564.46	2,784.20	41,117.89	563,365.44	0.00
#80 5530 Redman	5530	0.00	0.00	0.00	321.03	6,281.52	67,500.80	638.18	12,486.84	683,531.87	0.00
#81 5514 Lancaster	5514	0.00	0.00	0.00	0.00	76,007.42	582,351.73	0.00	257,414.49	5,393,136.89	0.00
#82 5508 Del Sur	5508	0.00	0.00	0.00	103.77	26,599.77	47,097.65	1,389.03	356,053.81	5,856,680.60	0.00
#83 5511 Goldtown	5511	0.00	0.00	0.00	73.43	58,440.50	418,894.67	113.76	90,536.43	1,368,129.38	0.00
#84 5547 Corum	5547	0.00	0.00	0.00	9.84	855.44	14,846.49	374.32	32,537.03	564,695.39	0.00
#85 5541 Rosamond	5541	0.00	0.00	0.00	349.60	25,006.85	359,127.06	738.27	52,808.10	1,941,366.49	0.00
#86 5553 Cal Cement	5553	0.00	0.00	0.00	0.00	27,134.33	655,030.88	0.00	23,432.64	764,035.08	0.00
#87 5357 Cummings	5357	0.00	0.00	0.00	57.32	1,091.29	53,230.15	621.57	11,834.51	1,119,745.13	0.00
#88 5566 Quartz Hill	5566	0.00	0.00	0.00	3,074.37	52,474.12	1,061,288.80	12,830.70	238,295.62	5,202,475.64	0.00
#90 5512 Gorman	5512	0.00	0.00	0.00	56.93	24,403.73	153,432.28	325.85	139,666.28	878,116.49	0.00
#92 5079 Wind Hub	5079	0.00	0.00	0.00							0.00
#93 5358 Monolith	5358	0.00	0.00	0.00	37.63	79,982.54	70,602.55	258.07	560,456.01	8,200,909.23	0.00
#97 8504 Ritter Ranch	8504	0.00	0.00	0.00	0.00	227,597.62	3,291,832.66	0.00	382,754.32	5,536,344.83	0.00
2313 Kern River	2313	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Substation	Location #
-------------------	-------------------

		GENERATION RELATED PLANT COST			ISO RELATED PLANT COST			NON-ISO RELATED PLANT		
		A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353	A/C 350	A/C 352	A/C 353
#6 5365 Acton	5365	-	-	-	(3,768)	-	-	3,768	-	-
#73 5539 Anaverde	5539	-	-	-	-	-	-	-	-	-
#74 5599 Helijet	5599	-	-	-	-	-	(346,134)	-	-	346,134
#75 5564 Palmdale	5564	-	-	-	-	-	(688,370)	-	-	688,370
#76 5518 Little Rock	5518	-	-	-	-	-	(379,881)	-	-	379,881
#77 5522 Shuttle	5522	-	-	-	-	-	(798,318)	-	-	798,318
#78 5548 Oasis	5548	-	-	-	-	-	(395,907)	-	-	395,907
#79 5545 Piute	5545	-	-	-	-	-	(140,209)	-	-	140,209
#80 5530 Redman	5530	-	-	-	-	-	(276,510)	-	-	276,510
#81 5514 Lancaster	5514	-	-	-	-	-	(1,039,386)	-	-	1,039,386
#82 5508 Del Sur	5508	-	-	-	-	-	(392,256)	-	-	392,256
#83 5511 Goldtown	5511	-	-	-	-	-	(472,674)	-	-	472,674
#84 5547 Corum	5547	-	-	-	-	-	-	-	-	-
#85 5541 Rosamond	5541	-	-	-	-	-	(560,192)	-	-	560,192
#86 5553 Cal Cement	5553	-	-	-	-	(2,433)	(231,735)	-	2,433	231,735
#87 5357 Cummings	5357	-	-	-	-	-	(50,025)	-	-	50,025
#88 5566 Quartz Hill	5566	-	-	-	-	-	(189,905)	-	-	189,905
#90 5512 Gorman	5512	-	-	-	-	-	-	-	-	-
#92 5079 Wind Hub	5079	-	-	-	-	-	-	-	-	-
#93 5358 Monolith	5358	-	-	-	-	-	(1,142,050)	-	-	1,142,050
#97 8504 Ritter Ranch	8504	-	-	-	(351,410)	-	-	351,410	-	-
2313 Kern River	2313	-	-	-	-	(2,138)	(181,856)	-	2,138	181,856

Substation Location #

		GENERATION RELATED PLANT COST			ISO RELATED PLANT COST			NON-ISO RELATED PLANT		
		A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362	A/C 360	A/C 361	A/C 362
#6 5365 Acton	5365	-	-	-	(72,734)	(372,807)	(1,285,595)	72,734	372,807	1,285,595
#73 5539 Anaverde	5539	-	-	-	(1)	(5,109)	(68,716)	1	5,109	68,716
#74 5599 Helijet	5599	-	-	-	-	(31,901)	(22,946)	-	31,901	22,946
#75 5564 Palmdale	5564	-	-	-	(7,223)	(11,806)	(303,346)	7,223	11,806	303,346
#76 5518 Little Rock	5518	-	-	-	(67)	(48,836)	(1,101,419)	67	48,836	1,101,419
#77 5522 Shuttle	5522	-	-	-	(1,100)	(39,953)	-	1,100	39,953	-
#78 5548 Oasis	5548	-	-	-	(332)	(45,627)	(288,817)	332	45,627	288,817
#79 5545 Piute	5545	-	-	-	(972)	(14,362)	(56,564)	972	14,362	56,564
#80 5530 Redman	5530	-	-	-	(321)	(6,282)	(67,501)	321	6,282	67,501
#81 5514 Lancaster	5514	-	-	-	-	(76,007)	(582,352)	-	76,007	582,352
#82 5508 Del Sur	5508	-	-	-	(104)	(26,600)	(47,098)	104	26,600	47,098
#83 5511 Goldtown	5511	-	-	-	(73)	(58,441)	(418,895)	73	58,441	418,895
#84 5547 Corum	5547	-	-	-	(10)	(855)	(14,846)	10	855	14,846
#85 5541 Rosamond	5541	-	-	-	(350)	(25,007)	(359,127)	350	25,007	359,127
#86 5553 Cal Cement	5553	-	-	-	-	(27,134)	(655,031)	-	27,134	655,031
#87 5357 Cummings	5357	-	-	-	(57)	(1,091)	(53,230)	57	1,091	53,230
#88 5566 Quartz Hill	5566	-	-	-	(3,074)	(52,474)	(1,061,289)	3,074	52,474	1,061,289
#90 5512 Gorman	5512	-	-	-	(57)	(24,404)	(153,432)	57	24,404	153,432
#92 5079 Wind Hub	5079	-	-	-	-	-	-	-	-	-
#93 5358 Monolith	5358	-	-	-	(38)	(79,983)	(70,603)	38	79,983	70,603
#97 8504 Ritter Ranch	8504	-	-	-	-	(227,598)	(3,291,833)	-	227,598	3,291,833
2313 Kern River	2313	-	-	-	-	-	-	-	-	-