

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA**

Application of Southern California Edison
Company (U 338-E) for Approval of its
2012- 2014 California Alternate Rates for Energy
(CARE) and Energy Savings Assistance
Programs and Budgets.

A.11-05-017
(Filed May 16, 2011)

And Related Matters

A.11-05-018
A.11-05-019
A.11-05-020

**SOUTHERN CALIFORNIA EDISON COMPANY'S (U338-E) AMENDMENT TO THE
2014 ANNUAL REPORT FOR 2013 LOW INCOME PROGRAMS**

JANET S. COMBS
LARRY R. COPE

Attorneys for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-2570
Facsimile: (626) 302-7740
E-mail: larry.cope@sce.com

Dated: **December 23, 2014**

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Southern California Edison Company (SCE) submitted its 2013 Energy Savings Assistance (ESA) and California Alternate Rates for Energy (CARE) Programs Annual Report on May 1, 2014. The Annual Report was served on the parties to the Low Income Application proceeding. SCE recently discovered errors within some tables in this report. SCE hereby submits Appendix A reflecting its corrected tables to this report. Some of the data that has been corrected was included within the narrative of the report. SCE submits corrected pages 2, 8, 36, and 58 of the narrative. SCE also is submitting page 59 to highlight the corrected tables that are being submitted as part of this Amendment.

Respectfully submitted,

JANET S. COMBS
LARRY R. COPE

/s/ Larry R. Cope

By: Larry R. Cope

Attorneys for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-2570
Facsimile: (626) 302-7740
E-mail: larry.cope@sce.com

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Appendix A

SCE's Amendment To ESA and CARE Programs Annual Report For 2013

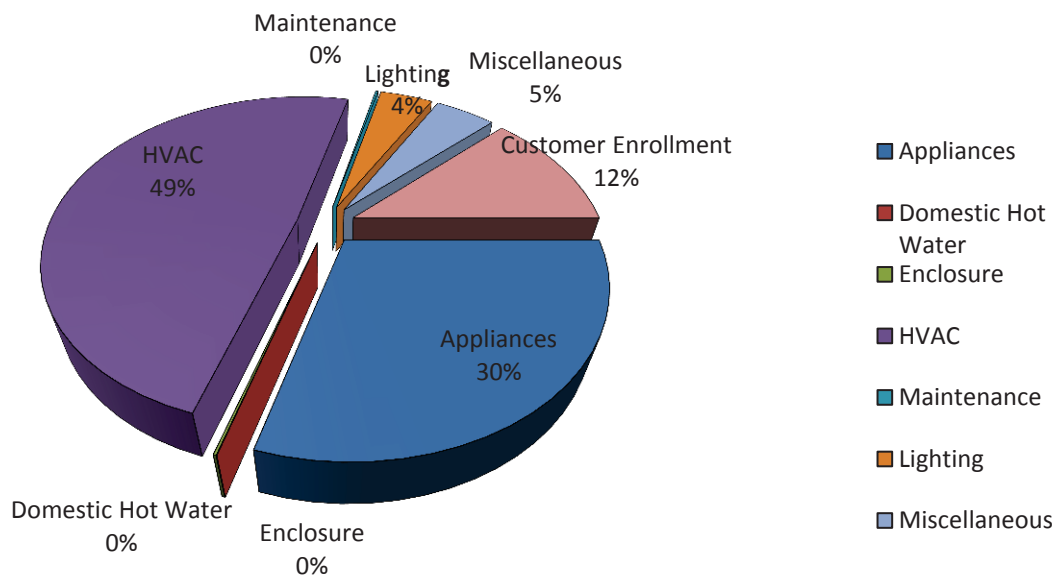
2013 Energy Savings Assistance Program Summary

2013	Authorized / Planning Assumptions	Actual	%
Budget	\$72,640,016	\$55,604,816	76.55%
Homes Treated	87,389	69,031	78.99%
kWh Saved		30,952,663	
kW Demand Reduced		12,594	
Therms Saved		N/A	

2013 CARE Program Summary

2013	Authorized Budget	Actual	%
Administrative Expenses	\$12,256,000	\$4,797,688	39%
Subsidies	\$376,900,000	\$358,025,586	95%
Service Establishment Charge	-	-	-
Total Program Costs and Discounts	\$389,156,000	\$362,823,274	93%
CARE New Enrollments	Automatically Enrolled via Data Sharing, ESA Participation, etc.	Self-Certified as Categorically Eligible	Self-Certified as Income Eligible
Method	42,561	142,498	103,307
CARE Penetration	Estimated Eligible Participants	Participants	Penetration Rate
Total Enrolled	1,410,534	1,335,607	94.7%

2013 ESA Program Expenditures by Measure Group



SCE ESA AND CARE PROGRAMS ANNUAL REPORT – MAY 1, 2014

1.2 Energy Assistance Savings Program Overview

1.2.1 Provide a summary of the ESA Program elements as approved in Decision 12-08-044:

Program Summary			
	Authorized / Planning Assumptions	Actual	%
Budget	\$72,640,016	\$55,604,816	77%
Homes Treated ^[1]	87,389	69,031	79%
kWh Saved	34,538,106	30,952,663	90%
kW Demand Reduced	7,766	12,594	162%
Therms Saved			

1.3 Marketing, Education, and Outreach

1.3.1 Provide a summary of the geographic segmentation strategy employed, (i.e. tools and analysis used to segment “neighborhoods,” how neighborhoods are segmented and how this information is communicated to the contractor/CBO).

In 2013, SCE continued to employ its ESA database to identify neighborhoods with a dense low-income population and low ESA program penetration. The database tracks the marketing and outreach tactics used in the various neighborhoods to evaluate effectiveness and provide guidance to our contractors/community-based organizations (CBOs). Marketing efforts are staggered to address specific neighborhoods (small geographic areas or "ZIP7s") within SCE's service territory where city partnerships may have been established. For example:

- In 2013, SCE deployed twelve automated and “direct connect” calling campaigns targeting over 218,900 customers in segmented “neighborhood” ZIP Code clusters. The campaigns identified those customers who may be eligible to receive ESA services and provided customers with the opportunity to directly connect with an assigned local contractor to immediately schedule an appointment for enrollment. Additionally, SCE launched its first multi-language direct connect campaign targeting over 11,400 customers within the surrounding cities of San Gabriel Valley. The newly developed multi-language script allowed for customers to select their preferred language of communication, which currently supports seven languages. (English, Spanish, Korean, Chinese/Cantonese, Vietnamese, Cambodian, and Tagalog).

SCE ESA AND CARE PROGRAMS ANNUAL REPORT – MAY 1, 2014

2.2 CARE Program Summary

2.2.1 Please provide CARE program summary costs.

CARE Budget Categories	Authorized Budget	Total Expenditures	% of Budget Spent
Outreach (Includes Automatic Enrollment)	\$2,100,000	\$1,680,679	80.0%
Processing, Certification, Recertification	\$4,553,000	\$777,585	17.1%
Post Enrollment Verification	\$3,456,000	\$484,381	14.0%
Information Tech./Programming	\$950,000	\$735,458	77.4%
Pilots ^[3]	-	\$154,766	-
Measurement and Evaluation	\$90,000	\$167,918	186.6%
Regulatory Compliance	\$265,000	\$211,895	80.0%
General Administration	\$702,000	\$543,584	77.4%
CPUC Energy Division Staff	\$140,000	\$41,421	29.6%
Cooling Centers ^[1]	N/A	N/A	N/A
Total Expenses	\$12,256,000	\$4,797,688	39.1%
Subsidies and Benefits ^{[2] [3]}	\$376,900,000	\$358,025,586	95.0%
Total Program Costs and Discounts	\$389,156,000	\$362,823,273	93.2%

^[1] SCE's authorized Cool Center budget is not part of the CARE budget.

^[2] Subsidies and benefits include rate discounts.

^[3] This cost is for the CHANGES pilot program (outreach, education, need and dispute resolution services to limited English proficient customers in California).

2.2.2 Please provide the CARE program penetration rate to date.

CARE Penetration			
Participants Enrolled	Eligible Participants	Penetration rate	Target Met?
1,335,607	1,410,534	94.7%	Yes

2.2.3 Report the number of customer complaints received (formal or informal, however and wherever received) about their CARE recertification efforts, and the nature of the complaints.

SCE ESA AND CARE PROGRAMS ANNUAL REPORT – MAY 1, 2014

4. Fund Shifting

4.1 Report ESA fund shifting activity that falls within rules laid out in D. 12-08-044.

SCE reports no ESA Program fund shifting activity in 2013.

4.2 Report CARE fund shifting activity that falls within rules laid out in D. 12-08-044.

SCE reports a \$77,918 fund shift from the General Administration budget category to the Measurement & Evaluation budget category. SCE reports a \$ 154,766 fund shift from the Post Enrollment Verification budget category to the Pilots budget category for the CHANGES Pilot. The Pilots budget category does not have authorized funding from D.12-08-044, although SCE was directed to fund CHANGES in D.12-12-011. Additional information is provided in CARE Table 1.

4.3 Was there any ESA or CARE fund shifting activity that occurred that falls OUTSIDE the rules laid out in D. 12-08-044?

There was no ESA or CARE fund shifting activity that occurred outside the rules laid out in D.12-08-044.

SCE ESA AND CARE PROGRAMS ANNUAL REPORT – MAY 1, 2014

5. Appendix: ESA and CARE Program Tables ([ERRATA 12-21-2014](#))

[ESA- Table 1- ESA Overall Program Expenses](#)

[ESA- Table 2- ESA Expenses & Energy Savings by Measures Installed](#)

[ESA- Table 3- ESA Cost Effectiveness](#)

[ESA- Table 4- ESA Program Detail by Housing Type and Source](#)

[ESA- Table 5- ESA Direct Purchases & Installation Contractors](#)

[ESA- Table 6- ESA Installation Cost of Program Installation Contractors](#)

[ESA- Table 7- Expenditures by Cost Elements](#)

[ESA- Table 8- Homes Unwilling / Unable to Participate](#)

[ESA- Table 9- Life Cycle Bill Savings by Measure](#)

ESA- Table 10- Energy Rate Used for Bill Savings Calculations

[ESA- Table 11- Bill Savings Calculations by Program Year](#)

[ESA- Table 12- ESA Program Fund Shifting](#)

ESA- Table 13- Categorical Enrollment

[ESA- Table 14- Leveraging & Integration](#)

[ESA- Table 15- Lighting](#)

[ESA- Table 16- “Add Back” Measures](#)

[CARE- Table 1- CARE Overall Program Expenses](#)

CARE- Table 2- CARE Enrollment, Recertification, Attrition, and Penetration

[CARE- Table 3- CARE Post Enrollment Verification Results](#)

CARE- Table 4- Self Certification and Re-Certification Applications

CARE- Table 5- Enrollment by County

CARE- Table 5- Capitation Contractors

CARE- Table 6- Recertification Results

CARE- Table 7- Capitation Contractors

CARE- Table 8- Participants per Month Fund Shifting

CARE- Table 9- Average Monthly Usage & Bill

CARE- Table 10- CARE Surcharge & Revenue

CARE- Table 11- CARE Capitation Applications

CARE- Table 12- CARE Expansion Program

CARE- Table 13- CARE High Usage Verification Results

CARE- Table 14- CARE Categorical Enrollment

	A	B	C	D	E	F	G	H
	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESAP Table 2 (Amended December 2014) ESA Expenses and Energy Savings by Measures Installed Southern California Edison							
1								
2			PY Completed & Expensed Installations					
3	Measures	Units	Quantity Installed	kWh ⁽⁵⁾ (Annual)	kW ⁽⁵⁾ (Annual)	Therms (Annual)	Expenses ⁽⁶⁾ (\$)	% of Expenditure
4	Appliances							
5	High Efficiency Clothes Washer	Each						
6	Refrigerators	Each	17,365	12,074,027	2,058		14,861,877	30%
7	Microwaves	Each						
8	Domestic Hot Water							
9	Water Heater Blanket	Home	34	2,209	0		1,619	0%
10	Low Flow Shower Head	Home	226	7,263	2		6,381	0%
11	Water Heater Pipe Insulation	Home	48	859	0		828	0%
12	Faucet Aerator	Home	230	4,830	1		2,641	0%
13	Water Heater Repair/Replacement	Each						
14	Thermostatic Shower Valve	Each						
15	Enclosure							
16	Air Sealing / Envelope ⁽¹⁾	Home	629	53,492	-		69,484	0%
17	Attic Insulation	Home	4				2,991	0%
18	HVAC							
19	FAU Standing Pilot Light Conversion	Each						
20	Furnace Repair/Replacement	Each						
21	Room A/C Replacement	Each	683	38,569	43		511,752	1%
22	Central A/C Replacement	Each	3,178	248,985	274		12,492,657	25%
23	Heat Pump Replacement	Each	55	37,431	17		160,640	0%
24	Evaporative Coolers (Replacement)	Each						
25	Evaporative Coolers (Installation)	Each	12,017	5,893,814	7,323		10,729,945	21%
26	Duct Testing and Sealing	Home	3,057	544,195	739		655,250	1%
27	Maintenance							
28	Furnace Clean and Tune	Home						
29	Central A/C Tune-up	Home	704	127,255	20		91,520	0%
30	Evaporative Cooler Maintenance	Home						
31	Lighting							
32	Compact Fluorescent Lights (CFLs)	Each	260,517	6,493,686	782		1,768,975	4%
33	Interior Hard wired CFL fixtures	Each						
34	Exterior Hard wired CFL fixtures	Each	629	49,402	6		53,465	0%
35	Torchiere	Each	6,019	1,149,629	120		319,012	1%
36	Occupancy Sensor	Each						
37	LED Night Lights	Each						
38	Miscellaneous							
39	Pool Pumps	Each	1,926	3,354,885	1,055		1,685,250	3%
40	Smart Power Strips	Each	27,326	872,132	156		749,327	1%
41	Pilots							
42		Each						
43		Each						
44	Customer Enrollment							
45	Outreach & Assessment	Home	78,871				4,953,521	11%
46	In-Home Education	Home	65,707				688,890	1%
47								
48	Total Savings			30,952,663	12,594		49,806,025	
49								
50	Households Weatherized ⁽²⁾	Home	628					
51								
52	Homes Treated							
53	- Single Family Homes Treated	Home	51,797					
54	- Multi-family Homes Treated	Home	13,370					
55	- Mobile Homes Treated	Home	3,864					
56	- Total Number of Homes Treated ⁽³⁾	Home	69,031					
57	# Eligible Homes to be Treated in 2013 ⁽⁴⁾	Home	87,389					
58	% OF Homes Treated	%	79%					
59	- Total Master-Metered Homes Treated	Home	1,919					
60	⁽¹⁾ "Air Sealing / Envelope" may include outlet cover plate gaskets, attic access weatherization, weatherstripping - door, caulking and							
61	⁽²⁾ Weatherization may consist of attic insulation, attic access weatherization, weatherstripping - door, caulking, & minor home repairs							
62	⁽³⁾ SCE's assumptions for treated homes are:							
63	• A "treated home" is defined as an income qualified and assessed home that meets the 3MM Rule by receiving 1) three electric measures, or 2) three gas measures, or 3) combination of any three gas and electric measures, or 4) one or two measures that achieve a minimum of 125 kWh savings, or 5) one or two gas measures meeting the 25 Therm threshold. SCE can offer in-home energy education in all treated homes.							
64	• An income-qualified and assessed home that 1) meets the three measure minimum rule from a gas IOU, and 2) has been assessed for all electric measures with a determination that none are feasible for installation is considered treated by SCE, regardless of whether SCE installs any additional measures. In these homes, SCE can share the cost of in-home energy education with the gas IOU and may count the home as treated.							
65	• An income-qualified and assessed multi-family home that does not receive gas measures, but achieves the 125 kWh threshold through the installation of only CFLs, may be counted as treated and SCE can offer in-home energy education in these homes.							
66	• An income-qualified and assessed home that does not receive any measures from SCE or a gas IOU is not considered treated and SCE cannot offer or incur cost for in-home energy education.							
67	⁽⁴⁾ Based on Attachment F of D.12-08-044							
68	⁽⁵⁾ All savings are calculated based on the "Impact Evaluation of the 2009 CA Low Income Energy Efficiency Program, Final Report." June 16, 2011, when data are available, and other sources as described in Attachment A-2 of SCE's Testimony in Support of Application for Approval of Low Income Programs and Budgets for							
69	Program Years 2012 - 2014, filed May 16, 2011.							
70	⁽⁶⁾ Costs exclude support costs that are included in Table 1. Material cost is based on average cost of 2013 purchased inventory cost.							

	A	B	C	D	E	F	G
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 3 (Amended December 2014) ESA Program Cost-Effectiveness Southern California Edison						
2		PY - Recorded ^[1]					
3		Ratio of Benefits Over Costs			Net Benefits; \$ Millions		
4	Program Year ^[2]	Utility Cost Test	Total Resource Cost Test ^[3]	Modified Participant Test	Utility Cost Test	Total Resource Cost Test ^[3]	Modified Participant Test
5	2013	1.04	0.87	0.97	\$ 1.92	\$ (7.15)	\$ (1.43)
6	2012	0.74	0.59	0.71	\$ (9.75)	\$ (15.41)	\$ (10.96)
7	2011	0.69	0.55	0.69	\$ (15.48)	\$ (22.78)	\$ (15.63)
8	2010	0.77	0.59	0.74	\$ (14.85)	\$ (26.54)	\$ (17.07)
9	2009	0.77	0.61	0.76	\$ (9.70)	\$ (16.67)	\$ (10.39)
10	2008	0.72	0.61	0.75	\$ (10.81)	\$ (14.83)	\$ (9.45)
11	2007	0.59	0.52	1.29	\$ (13.25)	\$ (15.59)	\$ 9.29
12	2006	0.81	0.72	1.36	\$ (5.92)	\$ (8.91)	\$ 11.38
13	2005	0.69	0.59	0.99	\$ (6.98)	\$ (9.31)	\$ (0.17)
14	2004	0.82	0.63	1.05	\$ (2.89)	\$ (5.90)	\$ 0.79
15	2003	0.73	0.58	1.04	\$ (5.13)	\$ (7.70)	\$ 0.74
16	2002	1.08	0.93	1.94	\$ 1.16	\$ (1.14)	\$ 14.25
17							
18	E3 - Version SCE2013 V1c4						
19							
20	^[1] - Source of 2013 data						
21	Resource Benefits, E3 Calculator				\$46,447,777		
22	Utility NEB, LIPPT Workbook				\$ 6,666,367		
23	Participant NEB, LIPPT Workbook				\$ 9,571,002		
24	Program Cost, E3 Calculator				\$55,604,818		
25	NPV Program Cost, E3 Calculator				\$53,596,401		
26	NPV Utility Cost, E3 Calculator				\$51,194,321		
27	NPV Bill Savings, LIPPT				\$40,191,798		
28							
29	^[2] Data from prior years have been entered from prior ESA (LIEE) Annual Reports						
30							
31	^[3] SCE calculated the Total Resource Cost Test results without non-energy benefits. The Commission directed the utilities to measure ESA program cost effectiveness using the Utility Cost Test and the Modified Participant Test with the appropriate non-energy benefits for each in D.01-12-020.						

	A	B	C	D	E	F	G
	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 4 (Amended December 2014) Detail by Housing Type and Source Southern California Edison						
1							
2	2013 Energy Savings						
3	Customer	Housing Type	# Homes Treated	(MWh)	MW	(mTherm*)	2013 Expenses ^[1]
4	Gas and Electric Customers						
5	Owners - Total						
6		Single Family					
7		Multi Family					
8		Mobile Homes					
9	Renters - Total						
10		Single Family					
11		Multi Family					
12		Mobile Homes					
13	Electric Customers (only)						
14	Owners - Total		37,045	17,280	8.86		33,709,188
15		Single Family	33,526	15,876	8.13		\$ 30,672,166
16		Multi Family	407	127	0.02		\$ 240,586
17		Mobile Homes	3,112	1,277	0.72		\$ 2,796,436
18	Renters - Total		31,986	13,673	3.73		21,895,628
19		Single Family	18,271	8,541	2.83		\$ 13,432,041
20		Multi Family	12,963	4,716	0.70		\$ 7,807,828
21		Mobile Homes	752	416	0.20		\$ 655,759
22	Gas Customers (only)						
23	Owners - Total						
24		Single Family					
25		Multi Family					
26		Mobile Homes					
27	Renters - Total						
28		Single Family					
29		Multi Family					
30		Mobile Homes					
31							
32	Totals:						
33							
34							
35	Penetration History						
36	Year	Homes Treated ^[2]	Ineligible & Unwilling ^[3]	Estimated Eligible in Current Year ^[4]	Current Year Penetration Rate for Homes Treated		
37	2002	29,685					
38	2003	33,348					
39	2004	38,996					
40	2005	36,420					
41	2006	53,017					
42	2007	44,323					
43	2008	54,635					
44	2009	61,834	22,109	83,445	74%		
45	2010	121,016	41,110	83,445	145%		
46	2011	93,771	25,067	83,446	112%		
47	2012	49,026	19,833	87,389	56%		
48	2013	69,031	30,714	87,389	79%		
49	2014						
50	2015						
51	2016						
52	2017						
53	2018						
54	2019						
55	2020						
56	Total Homes Treated since 2002	685,102					
57							
58	^[1] Excluding indirect program costs.						
59	^[2] Homes treated since 2002 are reported to track progress toward meeting the 2020 Programmatic Initiative.						
60	^[3] Ineligible & Unwilling homes most typically include homes denied service due to the Modified 3 Measure Minimum Rule. Other situations are when owners refuse to make required copayments, postponements are requested, owners do not grant approval or submit authorization forms, accounts are not active, homes have been served through another program such as LIHEAP, documents are incomplete/missing, or customers are not interested.						
61	^[4] Based on Attachment F of D.12-08-044.						
62							
63							
64							
65		Utility in Shared Service Territory	Eligible Households in Shared Service Territory	Eligible households treated by both utilities in shared service territory			
66	Year						
67	2013	PG&E	101,710	3,222			
68	2013	SCE	1,214,480	19,637			
69	2013	SDG&E	17,506	20			

	A	B	C	D	E	F	G
	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 5 (Amended December 2014) ESA Program Direct Purchases & Installation Contractors Southern California Edison						
1							
2			Contractor Type				2013 Annual Expenditures
3			(Check one or more if applicable)				
4	Contractor	County ^[1]	Private	CBO	WMDVBE	LIHEAP	
5	American Electric Supply, Inc. ^[2]	All	x				\$ 475,166
6	American Insulation, Inc.	14	x		x		\$ 55,192
7	Assert, Inc.	4		x			\$ 371,539
8	Autocell Electronics, Inc. ^[2]	All	x		x		\$ 796,679
9	Community Action Partnership of San Bernardino County	8		x	x	x	\$ 39,074
10	Community Action of Ventura County	9, 11		x		x	\$ 246,993
11	Energy Efficiency Resources, Inc. ^[2]	All	x		x		\$ 15,049,918
12	Energy Save	4, 6	x		x		\$ 1,320,320
13	Environmental Assessment Services & Education of California	14	x		x		\$ 219,865
14	FCI Management Consultants	4	x		x		\$ 37,076
15	Gary's Pool Supplies ^[2]	All	x				\$ 1,622,405
16	Home Energy Assistance Living, Inc.	4, 6	x		x		\$ 577,918
17	Inter City Energy Systems, Inc.	14	x				\$ 956,939
18	Inyo Mono Advocates for Community Action	1, 5		x		x	\$ 230
19	John Harrison Contracting, Inc.	7, 8	x		x		\$ 4,557,207
20	Long Beach Community Services Development Corp.	4		x	x	x	\$ 14,907
21	Maravilla Foundation	2, 4, 8, 10, 11		x	x	x	\$ 2,223,780
22	Pacific Asian Consortium in Employment	4		x	x	x	\$ 25,322
23	Peace Officers for Green Environment	4, 6, 7, 8, 9,	x		x		\$ 3,035,832
24	Proteus, Inc.	1, 2, 3, 4, 5, 10, 11, 12		x			\$ 2,741,348
25	Quality Conservation Services, Inc.	14	x				\$ 309,573
26	Reliable Energy Management, Inc.	1, 2, 4, 6, 8	x		x		\$ 1,614,119
27	Richard Heath and Associates, Inc. ^[3]	All	x		x		\$ 790,095
28	Saving Energy Consulting Services, Inc.	7, 8	x		x		\$ 419,374
29	SEARS Commercial ^[2]	All	x				\$ 4,198,304
30	Synergy Companies	14	x				\$ 280,167
31	Tri-State Home Improvements, Inc.	4, 7, 8	x		x		\$ 6,745,110
32	Veterans in Community Services, Inc.	4		x	x		\$ 405,985
33	Village Solutions Foundation	4, 6	x				\$ 43,604
34	Total Direct Purchases & Installations						\$ 49,174,041
35	^[1] Legend for Counties Served						
36	1 Inyo	6 Orange	11 Ventura				
37	2 Kern	7 Riverside	12 Fresno				
38	3 Kings	8 San Bernardino	13 Service clients from within the organization				
39	4 Los Angeles	9 Santa Barbara	14 Service SCG customers only				
40	5 Mono	10 Tulare					
41							
42	^[2] Appliance Supplier						
43	^[3] Inspections						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 6 (Amended December 2014) ESA Program Installation Cost of Program Installation Contractors Southern California Edison																		
2		Unit of Measure	CBO/WMDVBE						Non-CBO/WMDVBE						2013 Program Total				
3			Installations		Dwellings		Costs		Installations		Dwellings		Costs		Units Installed	Households	Costs	Cost/ Unit	Cost/ Household
4			Units	%	Units	%	\$	%	Units	%	Units	%	\$	%					
5	Dwellings	Each	53,443	77%	53,443	77%	\$ 47,553,321	97%	15,588	22.6%	15,588	22.6%	\$ 1,709,484	3.5%	69,031	69,031	\$49,262,805	\$714	\$714
6	Appliances																		
7	High Efficiency Clothes Washer	Each																	
8	Refrigerators	Each	17,365	100%	17,365	100%	\$ 14,860,607	100%	0	0.0%	0	0.0%	\$ -	0.0%	17,365	17,365	\$14,860,607	\$856	\$856
9	Microwaves	Each																	
10	Domestic Hot Water																		
11	Water Heater Blanket	Home	34	100%	34	100%	\$ 1,624	100%		0.0%		0.0%	\$ -	0.0%	34	34	\$1,624	\$48	\$48
12	Low Flow Shower Head	Home	225	100%	225	100%	\$ 6,347	99%	1	0.4%	1	0.4%	\$ 34	0.5%	226	226	\$6,381	\$28	\$28
13	Water Heater Pipe Insulation	Home	48	100%	48	100%	\$ 828	100%	0	0.0%	0	0.0%	\$ -	0.0%	48	48	\$828	\$17	\$17
14	Faucet Aerator	Home	229	100%	229	100%	\$ 2,628	100%	1	0.4%	1	0.4%	\$ 13	0.5%	230	230	\$2,641	\$11	\$11
15	Water Heater Repair/Replacement	Each																	
16	Thermostatic Shower Valve	Each																	
17	Enclosure																		
18	Air Sealing / Envelope	Home	596	95%	596	95%	\$ 66,241	95%	33	5.2%	33	5.2%	\$ 3,246	4.7%	629	629	\$69,487	\$110	\$110
19	Attic Insulation	Home	0		0				4	100.0%	4	100.0%	\$ 2,991	100.0%	4	4	\$2,991	\$748	\$748
20	HVAC																		
21	FAU Standing Pilot Light Conversion	Each																	
22	Furnace Repair/Replacement	Each																	
23	Room A/C Replacement	Each	683	100%	623	100%	\$ 511,751	100%	0	0.0%	0	0.0%	\$ -	0.0%	683	623	\$511,751	\$749	\$821
24	Central A/C Replacement	Each	3,178	100%	3,177	100%	\$ 11,954,195	100%	0	0.0%	0	0.0%	\$ -	0.0%	3,178	3,177	\$11,954,195	\$3,762	\$3,763
25	Heat Pump Replacement	Each	55	100%	55	100%	\$ 157,790	100%	0	0.0%	0	0.0%	\$ -	0.0%	55	55	\$157,790	\$2,869	\$2,869
26	Evaporative Coolers (Replacement)	Each																	
27	Evaporative Coolers (Installation)	Each	12,017	100%	12,017	100%	\$ 10,729,306	100%	0	0.0%	0	0.0%	\$ -	0.0%	12,017	12,017	\$10,729,306	\$893	\$893
28	Duct Testing and Sealing	Home	3,057	100%	3,057	100%	\$ 655,250	100%	0	0.0%	0	0.0%	\$ -	0.0%	3,057	3,057	\$655,250	\$214	\$214
29	Maintenance																		
30	Furnace Clean and Tune	Home																	
31	Central A/C Tune-up	Home	704	100%	704	100%	\$ 91,520	100%	0	0.0%	0	0.0%	\$ -	0.0%	704	704	\$91,520	\$130	\$130
32	Evaporative Cooler Maintenance	Home																	
33	Lighting																		
34	Compact Fluorescent Lights (CFLs)	Each	192,821	74%	53,254	64%	\$ 1,430,495	81%	67,696	26.0%	30,012	36.0%	\$ 338,480	19.1%	260,517	83,266	\$1,768,975	\$7	\$21
35	Interior Hard wired CFL fixtures	Each																	
36	Exterior Hard wired CFL fixtures	Each	629	100%	468	100%	\$ 53,465	100%	0	0.0%	0	0.0%	\$ -	0.0%	629	468	\$53,465	\$85	\$114
37	Torchiere	Each	5,738	95%	5,541	91%	\$ 313,387	98%	281	4.7%	541	8.9%	\$ 5,620	1.8%	6,019	6,082	\$319,007	\$53	\$52
38	Occupancy Sensor	Each																	
39	LED Night Lights	Each																	
40	Miscellaneous																		
41	Pool Pumps	Each	1,926	100%	1,926	100%	\$ 1,685,250	100%	0	0.0%	0	0.0%	\$ -	0.0%	1,926	1,926	\$1,685,250	\$875	\$875
42	Smart Power Strips	Each	19,298	71%	19,298	71%	\$ 531,076	71%	8,028	29.4%	8,028	29.4%	\$ 218,251	29.1%	27,326	27,326	\$749,327	\$27	\$27
43	Pilots																		
44		Each																	
45		Each																	
46	Customer Enrollment																		
47	Outreach & Assessment	Home	59,132	75%	59,132	75%	\$ 3,959,274	80%	19,710	25.0%	19,710	25.0%	\$ 994,247	20.1%	78,842	78,842	\$4,953,521	\$63	\$63
48	In-Home Education	Home	46,514	71%	46,514	71%	\$ 542,288	79%	19,193	29.2%	19,193	29.2%	\$ 146,602	21.3%	65,707	65,707	\$688,890	\$10	\$10

	A	B	C	D	E
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 7 (Amended December 2014) Expenditures Recorded by Cost Element Southern California Edison				
2	ESA Program:	Labor ^[1]	Non-Labor ^[2]	Contract ^[3]	Total
3	Energy Efficiency				
4	Appliances			\$ 14,893,019	\$ 14,893,019
5	Domestic Hot Water			\$ 11,469	\$ 11,469
6	Enclosure			\$ 72,481	\$ 72,481
7	HVAC			\$ 23,915,134	\$ 23,915,134
8	Maintenance			\$ 91,520	\$ 91,520
9	Lighting			\$ 2,337,963	\$ 2,337,963
10	Miscellaneous			\$ 3,236,721	\$ 3,236,721
11	Customer Enrollment			\$ 4,937,771	\$ 4,937,771
12	In Home Education			\$ 688,523	\$ 688,523
13	Pilot			\$ -	\$ -
14	Energy Efficiency TOTAL			\$ 50,184,601	\$ 50,184,601
15		\$ -	\$ -		
16	Training Center	\$ 113,069	\$ 29,803	\$ 32,709	\$ 175,581
17	Inspections	\$ 61,058	\$ (11,188)	\$ 835,595	\$ 885,465
18	Marketing and Outreach	\$ 412	\$ 54,330	\$ 210,537	\$ 265,279
19	Statewide Marketing Education and Outreach				\$ -
20	Measurement and Evaluation Studies	\$ -	\$ 10,193	\$ 989,478	\$ 999,671
21	Regulatory Compliance	\$ 337,567	\$ 31,942	\$ 2,794	\$ 372,303
22	General Administration	\$ 1,506,285	\$ 388,060	\$ 809,820	\$ 2,704,165
23	CPUC Energy Division		\$ 17,752	\$ 0	\$ 17,752
24					
25	TOTAL PROGRAM COSTS	\$ 2,018,391	\$ 520,892	\$ 53,065,533	\$ 55,604,816
26					
27	^[1] Labor costs include any internal direct (administrative and/or implementation) costs (indirect costs are a				
28	^[2] Non-Labor costs include all direct internal (administrative and/or implementation) costs (indirect costs are				
29	^[3] Contract costs include all outsourced costs (administrative and/or implementation). Contract costs do not need				

[illegible]

	A	B	C	D	E
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 11 (Amended December 2014) Bill Savings Calculations by Program Year Southern California Edison				
2	Program Year ^[1]	Program Costs ^[1]	Program Lifecycle Bill Savings ^[2]	Program Bill Savings/ Cost Ratio	Per Home Average Lifecycle Bill Savings ^[2]
3	2011	\$ 50,340,375	\$ 55,501,061	1.10	\$ 591.88
4	2012	\$ 39,378,995	\$ 24,591,923	0.62	\$ 501.61
5	2013	\$ 55,604,816	\$ 40,191,798	0.72	\$ 582.23
6	^[1] Report activity for last 3 years. Data from prior years have been entered from prior ESA (LIEE) Annual Reports.				
7					
8					
9	^[2] Net Present Values of Program Costs and Lifecycle Bill Savings				

PY 2013 Energy Savings Assistance and CARE Programs Annual Report
 ESA Table 12 (Amended December 2014)
 Energy Savings Assistance Program Fund Shifting
 Southern California Edison

Program Year 2013	Budget			Expenditures			(Shift) or Carried Forward (Budget - Expenditures = Variance)			FUND SHIFT AMOUNT												Total Shifted Gas/ Electric ⁽¹⁾	% of Authorized Total	Fund Shifting Source 1. Current Year Authorized 2. Carried Forward 3. Carried Back	To/From Year	Fund Shift Description	Authorization																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	Electric	Gas	Total Authorized	Electric	Gas	Total Expenditures				Among Categories within Program Year 1-3			Carry Forward from 2012 ⁽²⁾			Carry Back from 2014																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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⁽¹⁾ Numbers reported in standard accounting format, with negative amounts displayed in parentheses (\$xxx.xx).

⁽²⁾ Prior written authorization from the Commission is required before the utilities can shift into or out of these categories.

⁽³⁾ M&E studies were funded at \$600,000 over a 3 year period. As contract lead for the Low Income Needs Assessment and Energy Education Studies, SCE is awaiting payment from some of the IOUs for their share of these studies, which will bring total expenditures within the \$600,000 limit over the 3 year period.

⁽⁴⁾ Includes funds required for 2013 expenditures, and does not reflect all available carryover from 2012 or prior funding cycles.

⁽⁵⁾ SCE's 2012 total unspent balance available for carry-forward was approximately \$55 million.

[illegible]

	A	B	C	D	E	F
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 15 (Amended December 2014) Lighting Southern California Edison					
2						
3	ESA Program CFL Tracking Table					
4	<i>Instructions: Please identify the CFL bulbs used within your ESA program and fill in the remaining columns for each</i>					
5	Bulb Name / Identification	Bulb Description (wattage, lumens)	Bulb Cost (material)	Bulb Cost (overhead, contractor fee, marketing, etc.)	Total Bulb Cost (material + admin)	AB 1109 Compliant? ^[1]
6	Autocell Electronics, Inc.	13 Watt - CFL	1.68	5	6.68	Yes
7	Autocell Electronics, Inc.	19 Watt - CFL	2.11	5	7.11	Yes
8	Autocell Electronics, Inc.	23 Watt - CFL	2.18	5	7.18	Yes
9						
10						
11	Year	Number of Homes Treated in ESA Program	Number of Homes Provided CFLs	Avg. # of CFL bulbs given per home	Est. total energy savings from installed CFLs ^[2]	
12	2013	69,031	59,455	4.38	6,493,686	
13						
14						
15	^[1] Compliant in regards to: 1) Do bulbs meet or exceed CEC energy efficiency standatds for general purpose lighting? 2) Do all models comply with Europe's RoHS standards on toxicity?					
16						
17	^[2] Energy savings used are from the Load Impact Evaluation of the 2009 Energy Savings Assistance Program.					

	A	B	C	D	E	F	G	H
	PY 2013 Energy Savings Assistance and CARE Programs Annual Report ESA Table 16 (Amended December 2014) "Add Back" Measures Southern California Edison							
1			Ratio of Benefits Over Costs					
2			Utility	Modified	Total			
			Cost	Participant	Resource			
3	Measure	Climate Zone	Test	Test	Cost Test	Quantity Installed	Budget Impact of "Add Back"	Energy Savings Impact (kWh Annual) ^[2]
4	Central Heat Pump - Multi-Family Zone 15	15	0.42	0.35	0.28	3	\$ 8,644	2,024
5	Central Heat Pump - Single Family Zone 15	15	0.36	0.3	0.24	32	\$ 95,101	18,794
6	Central Air Conditionning - Mobile Home Zone 14	14	N/A	N/A	N/A	121	\$ 464,832	-
7	Central Air Conditionning - Mobile Home Zone 15	15	N/A	N/A	N/A	89	\$ 339,410	-
8	Central Air Conditionning - Multi-Family Zone 14	14	N/A	N/A	N/A	60	\$ 204,356	-
9	Central Air Conditionning - Multi-Family Zone 15	15	N/A	N/A	N/A	113	\$ 380,943	-
10	Central Air Conditionning - Single Family Zone 14	14	0.04	0.05	0.05	2,340	\$ 8,857,321	179,033
11	Central Air Conditionning - Single Family Zone 15	15	0.08	0.1	0.09	455	\$ 1,707,333	69,952
12	Room Air Conditioner - Mobile Home Zone 10	10	N/A	N/A	N/A	49	\$ 36,701	-
13	Room Air Conditioner - Mobile Home Zone 13	13	N/A	N/A	N/A	28	\$ 20,972	-
14	Room Air Conditioner - Mobile Home Zone 14	14	N/A	N/A	N/A	24	\$ 17,976	-
15	Room Air Conditioner - Mobile Home Zone 15	15	N/A	N/A	N/A	13	\$ 9,737	-
16	Room Air Conditioner - Multi-Family Zone 10	10	N/A	N/A	N/A	19	\$ 14,131	-
17	Room Air Conditioner - Multi-Family Zone 13	13	N/A	N/A	N/A	1	\$ 749	-
18	Room Air Conditioner - Multi-Family Zone 14	14	N/A	N/A	N/A	1	\$ 749	-
19	Room Air Conditioner - Single Family Zone 10	10	0.12	0.15	0.13	260	\$ 194,589	17,948
20	Room Air Conditioner - Single Family Zone 13	13	0.1	0.13	0.12	195	\$ 146,490	11,729
21	Room Air Conditioner - Single Family Zone 14	14	0.13	0.18	0.16	70	\$ 52,430	5,356
22	Room Air Conditioner - Single Family Zone 15	15	0.25	0.33	0.3	23	\$ 17,227	3,536
23	Central AC Maintenance - Mobile Home Zone 14	14	0.16	0.2	0.18	41	\$ 5,330	1,066
24	Central AC Maintenance - Mobile Home Zone 15	15	0.16	0.2	0.18	36	\$ 4,680	936
25	Central AC Maintenance - Multi-Family Zone 14	14	0.16	0.21	0.19	9	\$ 1,170	243
26	Central AC Maintenance - Multi-Family Zone 15	15	0.16	0.2	0.18	6	\$ 780	162
27	Central AC Maintenance - Single Family Zone 14	14	0.94	1.23	1.1	519	\$ 67,470	105,876
28	Central AC Maintenance - Single Family Zone 15	15	0.95	1.2	1.08	93	\$ 12,090	18,972
29	Envelope & Air Sealing - Mobile Home 6	6	N/A	N/A	N/A	1	\$ 100	-
30	Envelope & Air Sealing - Moible Home 8	8	1.35	1.37	1.19	1	\$ 62	75
31	Envelope & Air Sealing - Moible Home 10	10	1.6	1.63	1.42	7	\$ 434	577
32	Envelope & Air Sealing - Moible Home 14	14	0.62	0.63	0.54	6	\$ 1,408	639
33	Envelope & Air Sealing - Mobile Home 15	15	1.18	1.2	1.05	7	\$ 373	216
34	Envelope & Air Sealing - Multi Family 6	6	0.36	0.37	0.32	32	\$ 4,849	1,216
35	Envelope & Air Sealing - Multi Family 8	8	0.55	0.56	0.49	88	\$ 11,057	4,448
36	Envelope & Air Sealing - Multi Family 9	9	1.03	1.04	0.91	103	\$ 9,133	7,674
37	Envelope & Air Sealing - Multi Family 10	10	1.3	1.32	1.15	112	\$ 9,415	10,683
38	Envelope & Air Sealing - Multi Family 13	13	1.52	1.54	1.34	5	\$ 344	491
39	Envelope & Air Sealing - Multi Family 14	14	2.34	2.38	2.07	22	\$ 790	2,238
40	Envelope & Air Sealing - Multi Family 15	15	2.34	2.38	2.07	16	\$ 1,176	3,475
41	Envelope & Air Sealing - Single Family 6	6	0.23	0.24	0.21	25	\$ 6,026	950
42	Envelope & Air Sealing - Single Family 8	8	0.41	0.42	0.36	40	\$ 7,000	2,022
43	Envelope & Air Sealing - Single Family 9	9	0.81	0.82	0.71	31	\$ 3,708	2,310
44	Envelope & Air Sealing - Single Family 10	10	1.19	1.21	1.05	45	\$ 4,052	4,236
45	Envelope & Air Sealing - Single Family 13	13	0.82	0.83	0.73	9	\$ 1,387	883
46	Envelope & Air Sealing - Single Family 14	14	0.86	0.87	0.76	52	\$ 8,241	5,329
47	Envelope & Air Sealing - Single Family 15	15	1.92	1.95	1.69	25	\$ 2,530	5,212
48	Envelope & Air Sealing - Single Family 16	16	0.80	0.81	0.70	5	\$ 394	242
49								
50	^[1] Dollars spent on these Add Back Measures							
51	^[2] All measures provide energy savings by upgrading existing equipment or in the case of evaporative coolers are installed in homes with functional air conditioners to provide an alternative to operating the existing air conditioners on all but the most humid days.							
	^[3] Central A/C Service added back by Commission policy in D.12-08-044 Ordering Paragraph 52.							
52	All other measures are add-backs based on cost-effectiveness results below 0.25 ratio for both the TRC and MPT tests in 2012 per D.12-08-044. These measures were "added back" by the Commission in Ordering Paragraphs 41 (Envelope & Air Sealing), 45 (Central AC), 46 (Room AC), 48 (Heat Pumps).							

[illegible]

	A	B	C	D	E	F	G	H	I
1	PY 2013 Energy Savings Assistance and CARE Programs Annual Report CARE Table 3A Post-Enrollment Verification Results (Model) 2013 Southern California Edison								
2	2013	Total CARE Households Enrolled	Households Requested to Verify	% of CARE Enrolled Requested to Verify	CARE Households De-Enrolled (Due to no response)	CARE Households De-Enrolled (Verified as Ineligible) ^[1]	Total Households De-Enrolled ^[2]	% De-enrolled through Post Enrollment Verification	% of Total CARE Households De-Enrolled
3	January	1,395,782	7,810	0.56%	4,261	289	4,550	58.26%	0.33%
4	February	1,390,302	7,846	0.56%	4,161	177	4,338	55.29%	0.31%
5	March	1,384,965	7,741	0.56%	4,228	267	4,495	58.07%	0.32%
6	April	1,374,630	6,124	0.45%	3,260	233	3,493	57.04%	0.25%
7	May	1,365,785	5,596	0.41%	3,239	204	3,443	61.53%	0.25%
8	June	1,356,467	11,523	0.85%	6,340	281	6,621	57.46%	0.49%
9	July	1,351,239	3,913	0.29%	2,135	176	2,311	59.06%	0.17%
10	August	1,349,758	186	0.01%	92	2	94	50.54%	0.01%
11	September	1,345,474	5,471	0.41%	3,607	153	3,760	68.73%	0.28%
12	October	1,330,776	83	0.01%	31	2	33	39.76%	0.00%
13	November	1,316,304	4,804	0.36%	3,498	87	3,585	74.63%	0.27%
14	December	1,335,607	7,322	0.55%	4,832	145	4,977	67.97%	0.37%
15	YTD Total	1,335,607	68,419	5.12%	39,684	2,016	41,700	60.95%	3.12%
16									
17	^[1] Includes customers verified as over income or who requested to be de-enrolled.								
18	^[2] Verification results are tied to the month initiated. Therefore, verification results may be pending due to the time permitted for a participant to respond.								
19	Note: Any required corrections/adjustments are reported herein and supersede results reported in prior months and may reflect YTD adjustments.								
20									
21									
22	PY 2013 Energy Savings Assistance and CARE Programs Annual Report CARE Table 3B (Amended December 2014) Post-Enrollment Verification Results (High Usage) 2013 Southern California Edison								
23	2013	Total CARE Households Enrolled	Households Requested to Verify	% of CARE Enrolled Requested to Verify	CARE Households De-Enrolled (Due to no response)	CARE Households De-Enrolled (Verified as Ineligible) ^[1]	Total Households De-Enrolled ^[2]	% De-enrolled through Post Enrollment Verification	% of Total CARE Households De-Enrolled
24	January	1,395,782	0	0.00%	0	0	0	0.00%	0.00%
25	February	1,390,302	0	0.00%	0	0	0	0.00%	0.00%
26	March	1,384,965	0	0.00%	0	0	0	0.00%	0.00%
27	April	1,374,630	0	0.00%	0	0	0	0.00%	0.00%
28	May	1,365,785	0	0.00%	0	0	0	0.00%	0.00%
29	June	1,356,467	0	0.00%	0	0	0	0.00%	0.00%
30	July	1,351,239	0	0.00%	0	0	0	0.00%	0.00%
31	August	1,349,758	0	0.00%	0	0	0	0.00%	0.00%
32	September	1,345,474	0	0.00%	0	0	0	0.00%	0.00%
33	October	1,330,776	0	0.00%	0	0	0	0.00%	0.00%
34	November	1,316,304	0	0.00%	0	0	0	0.00%	0.00%
35	December	1,335,607	275	0.02%	249	6	255	92.73%	0.02%
36	YTD Total	1,335,607	275	0.02%	249	6	255	92.73%	0.02%
37									
38	^[1] Includes customers verified as over income or who requested to be de-enrolled.								
39	^[2] Verification results are tied to the month initiated. Therefore, verification results may be pending due to the time permitted for a participant to respond.								
40	Note: Any required corrections/adjustments are reported herein and supersede results reported in prior months and may reflect YTD adjustments.								