

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



January 26, 2015

Advice Letter 4725

Rasha Prince, Director
Regulatory Affairs
Southern California Gas
555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011

Subject: SoCalGas' 2015 Energy Efficiency Program Portfolio

Dear Ms. Prince:

Advice Letter 4725 is effective January 14, 2015.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Director, Energy Division



Rasha Prince
Director
Regulatory Affairs

555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.5141
Fax: 213.244.4957

RPrince@semprautilities.com

December 15, 2014

Advice No. 4725
(U 904 G)

Public Utilities Commission of the State of California

Subject: SoCalGas' 2015 Energy Efficiency Program Portfolio

Southern California Gas Company (SoCalGas) hereby submits for approval by the California Public Utilities Commission (Commission) its 2015 Energy Efficiency (EE) Program Portfolio. This final EE Program Portfolio, along with all necessary supporting documentation, is incorporated herein as Appendices A through E.

Purpose

This filing is in compliance with Ordering Paragraph (OP) 16 of Decision (D.) 14-10-046 which directs program administrators to file a Tier 2 Advice Letter for approval of the 2015 EE Program Portfolio plans within 60 days from the date of D.14-10-046.

SoCalGas also requests approval to eliminate the existing EE third party program, SCG3766-SaveGas Program, from its EE Program Portfolio, as described below in the section titled "SaveGas Program Closure".

Background

On March 26, 2014, SoCalGas submitted for approval by the Commission a request for funding of Energy Efficiency Programs and Budgets for 2015 (2015 Funding Request). On October 24, 2014, the Commission issued D.14-10-046, which approved EE program plans and budgets for 2015 for SoCalGas, San Diego Gas & Electric (SDG&E), Southern California Edison (SCE), and Pacific Gas & Electric (PG&E). D.14-10-046 addresses: (1) the determination of 2015 as the third year of the 2013-2015 program cycle; (2) the development of a base funding approach for EE programs at 2015 levels until 2025, unless superseded by a Commission decision; (3) the energy saving goals that must be achieved in 2015; (4) the budgets authorized to achieve the energy savings goals and the cost-effectiveness finding that is required; (5) the

programs authorized to produce these savings; and (6) the evaluation, measurement, and verification (EM&V) procedures used to ensure projected savings actually occur.

As required in D.14-10-046, this filing contains all of the requested details, including the following: (1) recalculated Total Resource Cost (TRC) and Program Administrator Cost (PAC) tests that exceed a 1.0 threshold for 2015; (2) incorporation of reductions and/or increases in program or sector budgets; (3) all files contained in Appendices A, B, C, and D of the 2015 funding proposals that reflect budget and programmatic changes; and (4) incorporation of measure level input corrections identified by Commission Staff. The following appendices meet the requirements of D.14-10-046:

- Appendix A: Budget Request Filing Summary Tables
- Appendix B: Budget and Savings Placemat Tables
- Appendix C: Savings Allocation and Funding Sources Tables
- Appendix D: Cost-Effectiveness E3 Calculators

These appendices will be made available on <http://www.socalgas.com/regulatory/R13-11-005.shtml>. Appendix D, attached herein, provides only a summary of SoCalGas' total portfolio cost-effectiveness E3 Calculator. The complete version of Appendix D can be found on the above noted website.

Compliance Items

The following are compliance requirements not addressed in Appendices A – D:

Program Funding Levels

Figure 7 of D.14-10-046 lists the authorized SoCalGas budgets by program area. Table 1 below shows the authorized budgets included in Figure 7, along with the budget levels submitted herein for program implementation.

SoCalGas' 2015 program budget request approved in D.14-10-046, does not include the 2015 program budget for the SoCalGas Statewide Marketing, Education & Outreach (ME&O) program nor the 2015 program budget for the Statewide Financing Pilots. The budgets for these programs were approved in D.13-12-038 and D.13-09-044, respectively.

The Southern California Regional Energy Network (SoCalREN) is submitting its own Advice Letter (AL) to implement its programs and associated budget. The information regarding the SoCalREN shown herein reflects information provided by that organization to SoCalGas on December 9, 2014, which matches the authorized budget level in D.14-10-046.¹

¹ SoCalGas requests that the SoCalREN Advice Letter should be used as the source of information to reflect the SoCalREN 2015 energy efficiency portfolio / compliance filing.

Table 1: 2015 EE Portfolio Budgets

<u>Program Area</u>	<u>Total Funds</u>
Residential	\$ 19,579
Commercial	\$ 10,737
Industrial	\$ 11,173
Agricultural	\$ 4,239
Codes and Standards	\$ 843
Financing	\$ 2,264
Subtotal Statewide Resource Programs	\$ 48,835
Third Party Programs	\$ 16,376
State and Local Government Partnerships	\$ 4,846
Subtotal Other Resource Programs	\$ 21,222
Emerging Technologies	\$ 1,272
Workforce, Education, and Training	\$ 3,129
Marketing, Education, and Outreach	N/A
Integrated Demand Side Management	\$ 582
Other	\$ 978
Subtotal Statewide Non-Resource Programs	\$ 5,961
SoCalREN	\$ 4,337
Total All Programs	\$ 80,355
Evaluation, Measurement, and Verification	\$ 3,348
Grand Total	\$ 83,703

Notes:

1. Minor differences exist by program area due to rounding.
2. Does not include SW ME&O program funds authorized in D.13-13-028.
3. Does not include SW Financing Pilots program funds authorized in D.13-09-044.

Additional program level budget detail is provided in Appendix B.

SoCalGas Portfolio Energy Savings Goals, Cost-Effectiveness, and Budget Caps/Targets

SoCalGas provides its energy savings goals, portfolio cost-effectiveness (Table 2) and budget caps and targets (Table 3) below:

Table 2: 2015 EE Portfolio Energy Savings Goals and Cost-Effectiveness

	Goal	Cost-Effectiveness	
	(Therms)	TRC	PAC
Compliance Filing Targets	30,487,860	1.27	1.97
D.14-10-046 Goals	25,300,000	1.00	1.00
% Forecast of Goal	121%		

The SoCalGas TRC and PAC results reflect the inclusion of the following inputs:

- A 5% market effects adjustment applied to the portfolio as directed by D.12-11-015, OP 37.
- General Rate Case (GRC) loaders associated with the EE program labor as directed by D.12-11-015, OP 39.²
- A projected shareholder incentive amount associated with the approved portfolio budget and projected therm savings activity. This assumption conforms to the methodology adopted in the Efficiency Savings and Performance Incentive (ESPI) Mechanism in D.13-09-023.

Table 3: 2015 EE Portfolio Budget and Budget Caps/Targets

	Budgets					
	Admin	Marketing	Direct	Incentives	EM&V	Total Budget
2015 EE Budget	\$ 7,648,777	\$ 4,677,863	\$ 32,409,769	\$ 31,282,164	\$ 3,347,927	\$ 79,366,499
GRC Labor Loaders	\$ 5,188,178	\$ 119,345	\$ 1,114,277			\$ 6,421,800
New Financing Pilots	\$ 637,254	\$ 682,280	\$ 1,597,076	\$ 2,217,201		\$ 5,133,811
OBV Loan Pool						\$ -
Statewide ME&O		\$ 2,002,034				\$ 2,002,034
Total EE Funding						\$ 92,924,144
SoCalREN						\$ 4,337,000
Total EE Funding w/ SoCalREN						\$ 97,261,144
Parameter Type	Cap	Target	Target	Target	Budget	
Cap / Target Level	\$ 8,877,091	\$ 5,456,929	\$ 19,917,498	\$ 33,499,365	\$ 3,347,927	
Total Budget for Calculation	\$ 92,924,144	\$ 92,924,144	\$ 92,924,144	\$ 92,924,144	\$ 83,702,927	
Cap / Target Percent	9.6%	5.9%	21.4%	36.1%	4.0%	
Caps/Targets	10.0%	6.0%	20.0%	60.0%	4.0%	

Pursuant to D.09-09-047, OP 13, the Commission determined that administrative costs are limited to 10% of the total energy efficiency budget, and ME&O costs have a budget target of 6% of the adopted portfolio budget. Additionally, non-incentive direct implementation costs have a budget target of 20% of the total budget, and EM&V funding is set at 4% of the authorized budget level. SoCalGas has calculated its

² On January 11, 2012, Energy Division conveyed ALJ Fitch's direction that the GRC costs are to be included in calculating the prospective portfolio budget administration cap.

portfolio caps and targets associated with its 2015 portfolio, presented in Table 3 above. SoCalGas notes the following assumptions:

- Funding for the SoCalGas On-Bill Financing Program loan pool recovered in gas transportation rates is included, but does not impact the calculations because the adopted level for 2015 is zero.
- Pursuant to D.13-12-038, the Statewide ME&O program costs are excluded from the marketing budget target.
- According to the direction contained in PG&E's AL 3356-G/4176-E³, SoCalGas excluded those program costs identified by Energy Division to be exempt from the cap and target calculation.
- D.14-10-046, as corrected by D.15-01-002, adopted a SoCalGas EM&V budget of \$3,347,927, which is 4% of the total budget.

SoCalGas will continue to report the status of its budget caps and targets based on actual expenditures in its quarterly reports submitted through the Commission's California Energy Efficiency Statistics (EEStats) website.

Measure Level Input Corrections

On November 3, 2014, Commission Staff released a list of requested measure level input parameter corrections for each program administrator compliance filing.⁴ For SoCalGas, the list included 39 line item corrections.

SoCalGas has implemented all items identified for correction by Commission Staff in this AL, with the exception of the net to gross (NTG) ratio adjustment to the SCG3765 – Manufactured Mobile Homes Program. Commission Staff identified that the duct test and seal measures should receive an NTG ratio of 78% and water measures should receive a NTG ratio of 55%, compared to the NTG ratio of 85% utilized by SoCalGas. After conferring with Commission Staff on November 6, 2014, SoCalGas believes that the proper NTG ratio of 85% should be used. According to the Commission-adopted Database for Energy-Efficient Resources (DEER), the NTG ratio for direct install measures for hard-to-reach customers is 85%. The SoCalGas program provides no-cost, direct install energy efficient measures to mobile home customers, which are defined as hard-to-reach, according to the EE Policy Manual.⁵ As a result, SoCalGas believes that the originally-utilized NTG ratio of 85% is appropriate.

Competitively Bid Portfolio Programs to Third-Party Vendors

SoCalGas' proposed budget above also includes \$17.3 million for competitively bid third-party implemented programs, which includes local third party programs as well as

³ AL 3356-G/4176-E, dated September 5, 2013, requested approval to implement PG&E's 2013-2014 Energy Efficiency Portfolio pursuant to D.12-11-015.

⁴ Required Corrections to Measure Level Input Parameters Identified by Commission Staff per D.14-10-046 OP 16.

⁵ Energy Efficiency Policy Manual, Version 5, at p. 54.

third parties who implement SoCalGas' statewide programs. This constitutes 22% of the SoCalGas' total portfolio budget, which exceeds the Commission's 20% requirement for competitively bid programs.

SaveGas Program Closure

SoCalGas seeks to eliminate the EE third party SCG3766 – SaveGas Program from its EE Program Portfolio. Pursuant to D.09-09-047, the Commission requires that no program or sub-program shall be eliminated except through the advice letter process.⁶ SoCalGas has implemented the SaveGas Program since the 2006-2008 program cycle. The program has been implemented by a third-party vendor that was selected through the Designed for Energy Efficiency Program (DEEP) third-party program bidding process which was overseen by the SoCalGas Peer Review Group for new program solicitations.

The program is designed to encourage hotels, motels, and senior living facilities to install boiler controls with continuous commissioning capability on central hot water systems that serve rooms as well as kitchen and laundry facilities. In a program meeting held in the third quarter of 2014, SoCalGas and the third-party implementer expressed concern that the hotel/lodging market has become saturated by the successful penetration of the program since 2006. Due to the limited remaining opportunities in the market, the third-party implementer formally requested to close the program at the end of 2014.

In SoCalGas' 2015 Funding Request, the utility requested a budget of \$524,554 for the SaveGas Program with projected therm savings of 195,721.

SoCalGas requests that the 2015 budget, as well as any remaining unspent, uncommitted funds from the 2013-2014 program, be shifted to SCG3771 – Innovative Design for Energy Efficiency Activities (IDEEA365). Through the IDEEA365 solicitation process, SoCalGas proposes to utilize the shifted funds to conduct a targeted solicitation in order to procure a comprehensive program approach that can serve the same market segment. In order to maintain product availability and a presence in the market, SoCalGas has added central hot water system control measures to its SCG3710 Commercial Energy Efficiency Calculated Incentives Program.

For additional information on the program, attached is the 2013-2014 SaveGas Program Implementation Plan as Appendix E. The current program progress is available as part of SoCalGas' regulatory reporting available on <http://eestats.cpuc.ca.gov/>.

Following approval of this Advice Letter, SoCalGas would initiate program closure procedures.

⁶ D.09-09-047, mimeo., at 310.

Protest

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this Advice Letter which is January 5, 2015. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager - GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-mail: snewsom@SempraUtilities.com

Effective Date

SoCalGas believes that this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to OP16 of D.14-10-046 and GO 96-B. SoCalGas respectfully requests that this filing be approved on January 14, 2015, which is 30 calendar days from the date filed.

Notice

A copy of this advice letter is being sent to SoCalGas' GO 96-B service list and the Commission's service list in R.13-11-005. Address change requests to the GO 96-B should be directed by electronic mail to tariffs@socalgas.com or call 213-244-3387. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by electronic mail at process_office@cpuc.ca.gov.

Rasha Prince
Director – Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SOUTHERN CALIFORNIA GAS COMPANY (U 904G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Sid Newsom

Phone #: (213) 244-2846

E-mail: SNewsom@semprautilities.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 4725

Subject of AL : SoCalGas' 2015 Energy Efficiency Program Portfolio

Keywords (choose from CPUC listing): Energy Efficiency

AL filing type: Monthly Quarterly Annual One-Time Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D. 14-10-046

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL No

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: No

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: 1/14/15

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹ See Advice Letter

Pending advice letters that revise the same tariff sheets: None

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
EDTariffUnit@cpuc.ca.gov

Southern California Gas Company
Attention: Sid Newsom
555 West 5th Street, GT14D6
Los Angeles, CA 90013-1011
SNewsom@semprautilities.com
tariffs@socalgas.com

¹ Discuss in AL if more space is needed.

Appendix A

Advice No. 4725

Budget Request Filing Summary Tables

Table 1. Commission Adopted and Proposed Energy Savings Goals.

2013-15 Electric Goals	Program Administrator/Utility			
	2010-12 Annualized ¹	2013 ²	2014 ²	2015 ³
Annual electricity savings (GWh/yr)				
IOU program targets				
Codes and Standards Advocacy				
Total Annual Targets				
Annual peak savings (MW)				
IOU program targets				
Codes and Standards Advocacy				
Total Peak Savings Targets				
Annual natural gas savings with interactive effects (MMTh/yr)				
IOU program targets	30.2	24.0	22.3	21.3
Codes and Standards Advocacy		0.1	0.9	4.0
Total Gas Targets	30.2	24.1	23.2	25.3

[1] 2010-12 Annualized is the sum of the adopted CPUC goals in D.09-09-047 for the three years divided by three including Codes and Standards.

[2] 2013 and 2014 are IOU savings targets approved in Table 5 of D.12-11-015.

[3] 2015 Goals are approved in Figure 1 of D.14-10-046.

Southern California Gas Company
2015 EE Budget Filing

Table 2. Total 2015 Requested and 2010-2014 Authorized Budgets (\$000).

Category (2010-14 Authorized ¹ and 2015 Request)	Electric Demand Response Funds	Electric Energy Efficiency Funds	Natural Gas Public Purpose Funds	Total Energy Efficiency Funds
2010-12 Annualized Programs	\$ -	\$ -	\$ 91,200	\$ 91,200
2010-12 Annualized EM&V	\$ -	\$ -	\$ 3,800	\$ 3,800
2010-2012 Annualized Total	\$ -	\$ -	\$ 95,000	\$ 95,000
2013-2014 Annualized Program Funds - Utility	\$ -	\$ -	\$ 83,191	\$ 83,191
2013-2014 Annualized Program Funds - REN	\$ -	\$ -	\$ 4,526	\$ 4,526
2013-2014 Annualized Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
2013-2014 Annualized EM&V	\$ -	\$ -	\$ 3,651	\$ 3,651
2013-2014 Total Annualized Portfolio	\$ -	\$ -	\$ 91,368	\$ 91,368
2015 Program Funds - Utility	\$ -	\$ -	\$ 76,019	\$ 76,019
2015 Program Funds - REN	\$ -	\$ -	\$ 4,337	\$ 4,337
2015 Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
2015 EM&V	\$ -	\$ -	\$ 3,348	\$ 3,348
2015 Total Portfolio Request	\$ -	\$ -	\$ 83,703	\$ 83,703

[1] Authorized budget excludes reductions from past unspent funds, carryover, and is consistent with funding approved in D.09-09-047, D.12-11-015, and D.14-10-046.

Table 3. Past and Requested Energy Efficiency Budgets

Annualized Budget by Program Area (\$000)¹	2010-2012 Authorized¹ Annualized	2010-2012 Authorized Spent¹ Annualized	Carryover Spent³ in 2010- 2012 Annualized	2013-2014 Authorized¹ Annualized	2013 Authorized Spent²	Carryover Spent³ in 2013	2015 Request
Statewide Resource Programs							
Residential	\$ 22,888	\$ 18,092	\$ -	\$ 19,566	\$ 13,009	\$ 1,303	\$ 19,579
Commercial	\$ 10,904	\$ 8,621	\$ -	\$ 9,138	\$ 5,431	\$ 1,015	\$ 10,737
Industrial	\$ 22,927	\$ 11,018	\$ -	\$ 14,602	\$ 8,137	\$ 3,052	\$ 11,173
Agricultural	\$ 3,652	\$ 1,262	\$ -	\$ 2,377	\$ 1,115	\$ (10)	\$ 4,239
Codes and Standards	\$ 601	\$ 508	\$ -	\$ 837	\$ 237	\$ 66	\$ 843
Financing	\$ 864	\$ 811	\$ -	\$ 7,598	\$ 953	\$ (721)	\$ 2,264
Subtotal Statewide Resource Programs	\$ 61,834	\$ 40,312	\$ -	\$ 54,117	\$ 28,882	\$ 4,704	\$ 48,835
Other Resource Programs							
Third Party Programs (competitively bid)	\$ 12,970	\$ 10,689	\$ -	\$ 14,116	\$ 11,387	\$ 565	\$ 13,629
Local Government Partnerships	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Other Resource Programs	\$ 12,970	\$ 10,689	\$ -	\$ 14,116	\$ 11,387	\$ 565	\$ 13,629
Statewide Non-Resource Programs							
Third Party Programs (competitively bid)	\$ 6,072	\$ 5,486	\$ -	\$ 2,783	\$ 2,677	\$ 56	\$ 2,747
Local Government Partnerships	\$ 3,188	\$ 1,779	\$ -	\$ 4,763	\$ 2,133	\$ 32	\$ 4,846
Emerging Technologies	\$ 1,172	\$ 989	\$ -	\$ 1,258	\$ 1,329	\$ 359	\$ 1,272
Workforce, Education, and Training	\$ 3,650	\$ 2,706	\$ -	\$ 3,077	\$ 2,761	\$ 4	\$ 3,129
Integrated Demand Side Management	\$ 200	\$ 224	\$ -	\$ 325	\$ 228	\$ (0)	\$ 582
Other - CRM			\$ -	\$ 749	\$ 1,446	\$ -	\$ 978
Subtotal Statewide Non-Resource Programs	\$ 14,282	\$ 11,183	\$ -	\$ 12,955	\$ 10,574	\$ 450	\$ 13,554
Subtotal Utility Programs	\$ 89,086	\$ 62,184	\$ -	\$ 81,189	\$ 50,842	\$ 5,719	\$ 76,019
Non-Utility Programs							
Other - SoCalREN ⁴			\$ -	\$ 4,526	\$ 1,245	\$ -	\$ 4,337
Subtotal Non-Utility Programs	\$ -	\$ -	\$ -	\$ 4,526	\$ 1,245	\$ -	\$ 4,337
TOTAL NEW BUDGET REQUEST	\$ 89,086	\$ 62,184	\$ -	\$ 85,715	\$ 52,087	\$ 5,719	\$ 80,356
Evaluation, Measurement, and Verification	\$ 3,800	\$ 1,863	\$ -	\$ 3,651	\$ 407	\$ 1,329	\$ 3,348
TOTAL ALL PROGRAMS w/o ME&O	\$ 92,886	\$ 64,048	\$ -	\$ 89,366	\$ 52,494	\$ 7,049	\$ 83,703
SW Marketing, Education, and Outreach ⁵	\$ 2,114	\$ 654	\$ -	\$ 2,002	\$ 273	\$ 242	\$ -
GRAND TOTAL PORTFOLIO	\$ 95,000	\$ 64,702	\$ -	\$ 91,368	\$ 52,768	\$ 7,290	\$ 83,703

[1] Authorized means the total authorized budget for the program cycle for programs irrespective of the source of funds as either from past unspent or new collections. Spent means actual funds expended, including accruals, for activities completed during the period.

[2] 2013 spent means funds expended for program activities occurring through 12/31/13.

[3] Carryover spent means actual funds expended from funds of a previous cycle carried over as committed/obligated.

[4] SoCalREN 2013 spend based on SoCalGas paid invoices.

[5] These budgets are as established in D.13-04-021 and D.13-12-038 covering the 2013-2015 period; no new budget requested in this filing.

Southern California Gas Company
2015 EE Budget Filing

Table 4a. Unspent Energy Efficiency Program Funding

Previous Unspent Offset to 2015 Revenue Requirements (\$000)	Electric Former PGC Funds	Electric Procurement Funds	Natural Gas Public Purpose Funds	Total
1998-2009 EM&V Funds	\$ -	\$ -	\$ -	\$ -
1998-2009 Program Funds	\$ -	\$ -	\$ -	\$ -
2010-2012 EM&V Funds	\$ -	\$ -	\$ -	\$ -
2010-2012 Program Funds - Utility	\$ -	\$ -	\$ 1,800	\$ 1,800
2012 Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
2013-2014 EM&V Funds	\$ -	\$ -	\$ -	\$ -
2013-2014 Program Funds - Utility	\$ -	\$ -	\$ -	\$ -
2013-2014 Program Funds - REN	\$ -	\$ -	\$ -	\$ -
2013-2014 Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 1,800	\$ 1,800

Table 4b. Carryover Energy Efficiency Program Funding Not Yet Spent

Previous carryover funds not yet spent (\$000).	Electric Former PGC Funds	Electric Procurement Funds	Natural Gas Public Purpose Funds	Total
1998-2009 EM&V Funds	\$ -	\$ -	\$ -	\$ -
1998-2009 Program Funds	\$ -	\$ -	\$ -	\$ -
2010-2012 EM&V Funds	\$ -	\$ -	\$ 5,300	\$ 5,300
2010-2012 Program Funds - Utility	\$ -	\$ -	\$ 18,400	\$ 18,400
2012 Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
2013-2014 EM&V Funds	\$ -	\$ -	\$ 3,244	\$ 3,244
2013-2014 Program Funds - Utility ¹	\$ -	\$ -	\$ 32,075	\$ 32,075
2013-2014 Program Funds - REN ²	\$ -	\$ -	\$ -	\$ -
2013-2014 Program Funds - CCA	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ 59,019	\$ 59,019

[1] 2013-2014 Funds represent 2013 committed and unspent funds to be spent in 2014 or 2015.

[2] Refer to 2015 SoCalREN Compliance Filing for the SoCalREN information.

[3] Table 4a are 4b are consistent with 2015 budget filing of March 26, 2014.

Table 5. 2013 Authorized and Spent/Unspent Detail

Authorized, spent and unspent program funds (\$000)	Electric Procurement Funds	Natural Gas Public Purpose Funds	Total
Category			
2013-14 Annualized Authorized Program Budget	\$ -	\$ 86,842	\$ 86,842
2013 Actual Spent ¹	\$ -	\$ 51,523	\$ 51,523
2013 Unspent	\$ -	\$ 35,319	\$ 35,319
2013 Committed and/or encumbered funds ^{2,3}	\$ -	\$ 13,706	\$ 13,706
2013 Unspent - planned for use in 2014	\$ -	\$ 21,613	\$ 21,613
2013 Unspent - estimated available for 2015 ⁴	\$ -	\$ -	\$ -

[1] Actual spent means funds expensed, including accruals, for program activities occurring from 1/1/13 through 12/31/13.

[2] 2013 committed and/or encumbered funds means funds that are associated with individual customer projects and/or contained within contracts or purchase order for authorized activities after 12/31/2013.

[3] Value shown does not reflect all SoCalGas commitments; among those are SW ME&O, New Financing Pilots, and joint projects with other utilities.

[4] Does not include spending/unspent funds associated with SoCalREN.

[5] 2013 unspent - available for 2015 are total unspent uncommitted funds and not planned for use in 2014.

[6] Table 5 is consistent with 2015 budget filing of March 26, 2014.

Southern California Gas Company
2015 EE Budget Filing

Table 6.1 Estimated and Claimed Savings 2010-2015.

Category	Compliance Filing Forecast ¹			Claimed		
	GWh	MW	MM Therm	GWh	MW	MM Therm
2010-12 Annualized	18.0	11.3	38.4	7.1	9.1	32.5
2013	6.8	3.7	29.6	8.2	5.8	25.4
2014	6.8	3.7	29.9			
2015	6.3	3.6	30.5			

[1] Compliance Filing Forecast based on CPUC approved compliance filing savings estimates. C&S and Energy Savings Assistance program savings are included in all years.

[2] 2013 Claimed savings updated with actual results.

Table 6.2 CPUC Authorized Goals for 2010-2015.

Category	CPUC Goals ¹		
	GWh	MW	MM Therm
2010-12 Annualized			30.2
2013			24.1
2014			23.2
2015			25.3

[1] Goals are taken from D.09-09-047 for 2010-2012, D.12-11-015 for 2013-2014, and D.14-10-046 for 2015. C&S and Energy Savings Assistance program savings are included in all years.

Table 6.3 Comparison of Forecast and Claimed Savings to CPUC Authorized Goals

Category	Compliance Filing Forecast Compared to Goals			Claimed Savings Compared to Goals		
	GWh % of Goal	MW % of Goal	MM Therm % of Goal	GWh % of Goal	MW % of Goal	MM Therm % of Goal
2010-12 Annualized			127%			108%
2013			123%			106%
2014			129%			N/A
2015			121%			N/A

Table 7.1 TRC Cost-Effectiveness Scenario Results^{1,2,3,4,5,6}

	2010-2012 Claimed	2013 Claimed ¹⁰	2013-2014 Forecast ⁷	2015 Forecast
Resource Portfolio (less C&S and less ME)		1.36	1.56	1.65
Resource and Nonresource Portfolios (less C&S and less ME)		1.18	1.17	1.27
Portfolio with C&S, ME (2013-15 only) and ESPI⁸	1.25	1.17	1.16	1.30
Portfolio with CS, ME (2013-2015 only), ESPI, and REN^{8,9}	1.25	1.16	1.16	1.27

[1] Includes costs and savings associated with electric efficiency interactive effects.

[2] Does not include Emerging Technology Program or OBF revolving loan pool costs.

[3] Does not include Energy Savings Assistance program costs and benefits.

[4] 2015 forecast includes \$6,421,800 in overhead costs authorized in SoCalGas' General Rate Case.

[5] 2015 forecast does not include costs or benefits associated with SW Marketing & Outreach and New Financing Pilots; these are captured in the 2013-2014 forecast.

[6] ME is Market Effects. Only applies to 2013-2015 pursuant to D.12-11-015 that adopted 5% spillover for resource programs.

[7] 2013-2014 forecast taken from SoCalGas 2013-2014 Compliance Filing filed on January 14, 2013.

[8] 2015 forecast includes estimated Energy Savings Performance Incentive payments of \$6,464,818.

[9] Includes costs but not benefits associated with the SoCalREN.

[10] Cost-Effectiveness for 2013 Claimed results has been updated with actual results.

Table 7.2 PAC Cost-Effectiveness Scenario Results^{1,2,3,4,5,6}

	2010-2012 Claimed	2013 Claimed ¹⁰	2013-2014 Forecast ⁷	2015 Forecast
Resource Portfolio (less C&S and less ME)		2.09	2.18	2.46
Resource and Nonresource Portfolios (less C&S and less ME)		1.68	1.48	1.70
Portfolio with C&S, ME (2013-15 only) and ESPI⁸	2.48	1.98	1.73	2.05
Portfolio with CS, ME (2013-2015 only), ESPI, and REN^{8,9}	2.48	1.95	1.73	1.97

[1] Includes costs and savings associated with electric efficiency interactive effects.

[2] Does not include Emerging Technology Program or OBF revolving loan pool costs.

[3] Does not include Energy Savings Assistance program costs and benefits.

[4] 2015 forecast includes \$6,421,800 in overhead costs authorized in SoCalGas' General Rate Case.

[5] 2015 forecast does not include costs or benefits associated with SW Marketing & Outreach and New Financing Pilots; these are captured in the 2013-2014 forecast.

[6] ME is Market Effects. Only applies to 2013-2015 pursuant to D.12-11-015 that adopted 5% spillover for resource programs.

[7] 2013-2014 forecast taken from SoCalGas 2013-2014 Compliance Filing filed on January 14, 2013.

[8] 2015 forecast includes estimated Energy Savings Performance Incentive payments of \$6,464,818.

[9] Includes costs but not benefits associated with the SoCalREN.

[10] Cost-Effectiveness for 2013 Claimed results has been updated with actual results.

Appendix B

Advice No. 4725

Budget and Savings Placemat Tables

Appendix B.1 – Budget Placemat Table

Utility	New/Existing Program #	Main Program Name / Sub-Program Name	Total Administrative Cost				Total Marketing & Outreach				Total Direct Implementation (Nonincentives or Rebates)				Direct Implementation (Incentives & Rebates)				Total Direct Implementation					
			2013-14 Budget Annualized	2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request	2013-14 Budget Annualized	2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request	2013-14 Budget Annualized	2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request	2013-14 Budget Annualized	2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request	2013-14 Budget Annualized	2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request	2013-14 Budget Annualized	
SoCalGas	SCG3701	SW-CALSPREE	\$ 1,070,794	\$ 1,411,405	\$ -	\$ 1,219,005	\$ 1,503,007	\$ 1,242,917	\$ (14,385)	\$ 1,562,384	\$ 7,290,641	\$ 6,234,852	\$ 460,572	\$ 6,007,146	\$ 9,701,177	\$ 4,119,765	\$ 856,978	\$ 10,790,807	\$ 16,991,818	\$ 10,354,617	\$ 1,317,550	\$ 16,797,953	\$ 19,565,620	
	SCG3702	SW-CALS-Energy Advisor	\$ 47,690	\$ 19,314	\$ -	\$ 47,949	\$ 40,520	\$ 8,872	\$ -	\$ 40,520	\$ 667,285	\$ 138,449	\$ 209,053	\$ 669,420	\$ -	\$ -	\$ -	\$ -	\$ 667,285	\$ 138,449	\$ 209,053	\$ 669,420	\$ 755,495	
	SCG3703	SW-CALS-Plug Load and Appliances	\$ 251,266	\$ 466,146	\$ -	\$ 254,070	\$ 683,819	\$ 732,842	\$ -	\$ 687,112	\$ 1,968,186	\$ 1,602,540	\$ 251,519	\$ 765,863	\$ 2,731,413	\$ 1,564,503	\$ -	\$ 2,486,000	\$ 4,699,599	\$ 3,167,042	\$ 251,519	\$ 3,251,863	\$ 5,634,684	
	SCG3704	SW-CALS-Plug Load and Appliances - POS	\$ 14,478	\$ 171,362	\$ -	\$ 14,758	\$ -	\$ 936	\$ -	\$ -	\$ 169,787	\$ 16,657	\$ -	\$ 172,100	\$ 1,925,000	\$ 1,822,702	\$ -	\$ 2,100,250	\$ 2,094,787	\$ 1,839,359	\$ -	\$ 2,272,350	\$ 2,109,265	
	SCG3705	SW-CALS-MFEER	\$ 67,271	\$ 126,076	\$ -	\$ 68,573	\$ 33,942	\$ 64,885	\$ (14,385)	\$ 34,600	\$ 356,832	\$ 381,109	\$ -	\$ 360,039	\$ 925,909	\$ 1,282,741	\$ -	\$ 865,760	\$ 1,282,741	\$ 700,116	\$ -	\$ 1,225,799	\$ 1,383,955	
	SCG3706	SW-CALS-Home Upgrade Program	\$ 442,259	\$ 372,219	\$ -	\$ 447,054	\$ 654,342	\$ 347,863	\$ -	\$ 658,450	\$ 3,073,312	\$ 2,910,189	\$ -	\$ 2,960,640	\$ 2,502,400	\$ 296,359	\$ 115,760	\$ 2,701,200	\$ 5,575,712	\$ 3,206,547	\$ 115,760	\$ 5,661,840	\$ 6,672,313	
	SCG3707	SW-CALS-Residential HVAC	\$ 7,304	\$ 4,303	\$ -	\$ 140,000	\$ -	\$ 2,016	\$ -	\$ 50,000	\$ 70,913	\$ 14,390	\$ -	\$ 117,554	\$ 125,000	\$ -	\$ -	\$ 1,147,500	\$ 195,913	\$ 14,390	\$ -	\$ 1,219,054	\$ 203,217	
	SCG3707	SW-CALS-RNC	\$ 240,526	\$ 251,987	\$ -	\$ 246,600	\$ 90,384	\$ 85,503	\$ -	\$ 91,701	\$ 984,326	\$ 1,171,518	\$ -	\$ 1,007,530	\$ 1,491,455	\$ 117,194	\$ 741,218	\$ 1,490,097	\$ 2,475,781	\$ 1,288,712	\$ 741,218	\$ 2,497,627	\$ 2,806,691	
	SCG3708	SW Commercial EE Program	\$ 1,021,460	\$ 779,810	\$ 31,250	\$ 1,076,251	\$ 421,492	\$ 618,334	\$ 156,943	\$ 901,045	\$ 4,569,377	\$ 2,414,761	\$ 173,117	\$ 4,653,631	\$ 3,125,631	\$ 1,618,224	\$ 653,466	\$ 4,106,417	\$ 7,695,008	\$ 4,032,985	\$ 826,583	\$ 8,760,048	\$ 9,137,961	
	SCG3709	SW-COM-Energy Advisor	\$ 41,790	\$ 29,488	\$ 31,250	\$ 42,655	\$ -	\$ 220	\$ 15,875	\$ -	\$ 466,214	\$ 189,046	\$ 91,983	\$ 473,353	\$ -	\$ -	\$ -	\$ -	\$ 466,214	\$ 189,046	\$ 91,983	\$ 473,353	\$ 508,004	
	SCG3710	SW-COM-CEI	\$ 10,248	\$ 3,195	\$ -	\$ 10,283	\$ 9,400	\$ 950	\$ -	\$ 9,400	\$ 180,352	\$ 18,586	\$ 81,134	\$ 180,645	\$ -	\$ -	\$ -	\$ -	\$ 180,352	\$ 18,586	\$ -	\$ 180,645	\$ 200,000	
	SCG3710	SW-COM-Calculated Incentives	\$ 304,129	\$ 145,563	\$ -	\$ 310,452	\$ 64,815	\$ 80,036	\$ -	\$ 65,553	\$ 1,684,484	\$ 369,893	\$ -	\$ 1,684,539	\$ 2,592,496	\$ 735,804	\$ 653,466	\$ 3,134,850	\$ 4,250,980	\$ 1,105,497	\$ 653,466	\$ 4,819,389	\$ 4,619,925	
	SCG3711	SW-COM-Deemed Incentives	\$ 647,018	\$ 598,958	\$ -	\$ 694,552	\$ 347,277	\$ 537,128	\$ 141,068	\$ 826,092	\$ 1,954,621	\$ 1,815,253	\$ -	\$ 2,005,121	\$ 533,135	\$ 882,420	\$ -	\$ 971,567	\$ 2,487,756	\$ 2,697,673	\$ -	\$ 2,976,687	\$ 3,482,050	
	SCG3712	SW-COM-NonRes HVAC	\$ 18,276	\$ 2,606	\$ -	\$ 18,309	\$ -	\$ -	\$ -	\$ -	\$ 309,706	\$ 22,184	\$ -	\$ 309,973	\$ -	\$ -	\$ -	\$ -	\$ 309,706	\$ 22,184	\$ -	\$ 309,973	\$ 327,983	
	SCG3713	SW Industrial Programs	\$ 1,045,473	\$ 1,053,658	\$ 67,307	\$ 953,997	\$ 837,033	\$ 380,006	\$ (7,668)	\$ 491,538	\$ 5,891,995	\$ 3,211,027	\$ 20,899	\$ 4,034,801	\$ 6,827,364	\$ 3,491,949	\$ 2,971,129	\$ 5,692,880	\$ 12,719,359	\$ 6,702,976	\$ 2,992,028	\$ 9,727,681	\$ 14,601,865	
	SCG3713	SW-IND-Energy Advisor	\$ 39,795	\$ 90,520	\$ -	\$ 43,124	\$ -	\$ -	\$ -	\$ -	\$ 568,208	\$ 551,970	\$ 796	\$ 572,606	\$ -	\$ -	\$ -	\$ -	\$ 568,208	\$ 551,970	\$ 796	\$ 572,606	\$ 608,003	
	SCG3714	SW-IND-CEI	\$ 17,618	\$ 4,316	\$ -	\$ 17,728	\$ 10,000	\$ 896	\$ -	\$ 10,000	\$ 295,381	\$ 22,795	\$ 20,103	\$ 296,289	\$ -	\$ -	\$ -	\$ -	\$ 295,381	\$ 22,795	\$ 20,103	\$ 296,289	\$ 323,000	
	SCG3715	SW-IND-Calculated Incentives	\$ 823,376	\$ 796,886	\$ 67,307	\$ 724,491	\$ 720,500	\$ 179,070	\$ -	\$ 372,498	\$ 4,464,435	\$ 2,158,264	\$ -	\$ 2,587,891	\$ 6,620,776	\$ 3,325,268	\$ 2,971,129	\$ 5,500,000	\$ 11,085,211	\$ 5,483,532	\$ 2,971,129	\$ 8,087,891	\$ 12,629,096	
	SCG3716	SW-IND-Deemed Incentives	\$ 164,683	\$ 161,936	\$ -	\$ 168,654	\$ 106,523	\$ 200,041	\$ (7,668)	\$ 109,040	\$ 563,971	\$ 477,998	\$ -	\$ 578,016	\$ 206,588	\$ 166,681	\$ -	\$ 192,880	\$ 770,559	\$ 644,679	\$ -	\$ 770,896	\$ 1,041,766	
	SCG3717	SW Agricultural Programs	\$ 281,407	\$ 149,202	\$ -	\$ 280,656	\$ 162,708	\$ 26,690	\$ (12,823)	\$ 114,762	\$ 1,211,228	\$ 530,646	\$ 1,253	\$ 1,131,364	\$ 1,933,202	\$ 408,046	\$ 1,182	\$ 1,933,202	\$ 938,692	\$ 2,435	\$ 3,843,088	\$ 2,377,317		
	SCG3717	SW-AG-Energy Advisor	\$ 3,389	\$ 3,324	\$ -	\$ 3,465	\$ -	\$ -	\$ -	\$ -	\$ 35,617	\$ 20,203	\$ 229	\$ 36,238	\$ -	\$ -	\$ -	\$ -	\$ 35,617	\$ 20,203	\$ 229	\$ 36,238	\$ 39,006	
	SCG3718	SW-AG-CEI	\$ 1,726	\$ 954	\$ -	\$ 1,796	\$ -	\$ -	\$ -	\$ -	\$ 30,384	\$ 5,742	\$ (231)	\$ 30,464	\$ -	\$ -	\$ -	\$ -	\$ 30,384	\$ 5,742	\$ (231)	\$ 30,464	\$ 32,110	
	SCG3719	SW-AG-Calculated Incentives	\$ 204,418	\$ 88,057	\$ -	\$ 201,642	\$ 106,205	\$ 10,392	\$ -	\$ 56,705	\$ 904,707	\$ 314,392	\$ 1,255	\$ 817,527	\$ 557,286	\$ 304,488	\$ 1,182	\$ 2,587,900	\$ 1,461,994	\$ 618,879	\$ 2,437	\$ 3,405,427	\$ 1,772,616	
	SCG3720	SW-AG-Deemed Incentives	\$ 71,873	\$ 56,868	\$ -	\$ 73,813	\$ 56,503	\$ 16,279	\$ (12,823)	\$ 58,057	\$ 240,521	\$ 190,308	\$ -	\$ 247,135	\$ 164,687	\$ 103,559	\$ -	\$ 123,824	\$ 405,207	\$ 293,867	\$ -	\$ 370,959	\$ 533,584	
	SCG3721	SW Emerging Technologies Programs	\$ 90,642	\$ 271,485	\$ -	\$ 92,153	\$ 6,000	\$ 1,897	\$ -	\$ 6,000	\$ 1,161,721	\$ 1,055,232	\$ 358,761	\$ 1,174,182	\$ -	\$ -	\$ -	\$ -	\$ 1,161,721	\$ 1,055,232	\$ 358,761	\$ 1,174,182	\$ 1,258,363	
	SCG3721	SW-ET-Technology Development Support	\$ 4,525	\$ 15,094	\$ -	\$ 4,601	\$ 300	\$ -	\$ -	\$ 300	\$ 58,053	\$ 135,554	\$ -	\$ 58,674	\$ -	\$ -	\$ -	\$ -	\$ 58,053	\$ 135,554	\$ -	\$ 58,674	\$ 62,878	
	SCG3722	SW-ET-Technology Assessment Support	\$ 36,202	\$ 224,684	\$ -	\$ 36,804	\$ 2,400	\$ 74	\$ -	\$ 2,400	\$ 464,415	\$ 730,658	\$ 358,761	\$ 469,384	\$ -	\$ -	\$ -	\$ -	\$ 464,415	\$ 730,658	\$ 358,761	\$ 469,384	\$ 503,017	
	SCG3723	SW-ET-Technology Introduction Support	\$ 49,916	\$ 31,707	\$ -	\$ 50,748	\$ 3,300	\$ 1,823	\$ -	\$ 3,300	\$ 639,252	\$ 189,021	\$ -	\$ 646,124	\$ -	\$ -	\$ -	\$ -	\$ 639,252	\$ 189,021	\$ -	\$ 646,124	\$ 692,468	
	SCG3724	SW Codes & Standards	\$ 81,225	\$ 28,937	\$ -	\$ 81,817	\$ -	\$ 13	\$ -	\$ -	\$ 755,889	\$ 208,009	\$ 66,372	\$ 755,889	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 755,889	\$ 208,009	\$ 66,372	\$ 760,774	\$ 837,114
	SCG3724	SW-C&S-Building Codes & Compliance Advocacy	\$ 20,520	\$ 9,785	\$ -	\$ 20,668	\$ -	\$ 13	\$ -	\$ -	\$ 188,106	\$ 86,986	\$ 316	\$ 189,327	\$ -	\$ -	\$ -	\$ -	\$ 188,106	\$ 86,986	\$ 316	\$ 189,327	\$ 208,626	
	SCG3725	SW-C&S-Appliance Standards Advocacy	\$ 16,202	\$ 5,113	\$ -	\$ 16,320	\$ -	\$ -	\$ -	\$ -	\$ 150,185	\$ 35,289	\$ 37	\$ 151,162	\$ -	\$ -	\$ -	\$ -	\$ 150,185	\$ 35,289	\$ 37	\$ 151,162	\$ 166,386	
	SCG3726	SW-C&S-Compliance Enhancement	\$ 23,787	\$ 7,799	\$ -	\$ 23,964	\$ -	\$ -	\$ -	\$ -	\$ 225,777	\$ 47,648	\$ 66,006	\$ 227,243	\$ -	\$ -	\$ -	\$ -	\$ 225,777	\$ 47,648	\$ 66,006	\$ 227,243	\$ 249,564	
	SCG3727	SW-C&S-Reach Codes	\$ 8,144	\$ 2,684	\$ -	\$ 8,203	\$ -	\$ -	\$ -	\$ -	\$ 76,682	\$ 15,865	\$ 14	\$ 77,171	\$ -	\$ -	\$ -	\$ -	\$ 76,682	\$ 15,865	\$ 14	\$ 77,171	\$ 84,826	
	SCG3728	SW-C&S-Planning Coordination	\$ 12,573	\$ 3,556	\$ -	\$ 12,662	\$ -	\$ -	\$ -	\$ -	\$ 115,139	\$ 22,221	\$ -	\$ 115,871	\$ -	\$ -	\$ -	\$ -	\$ 115,139	\$ 22,221	\$ -	\$ 115,871	\$ 127,711	
	SCG3729	SW Workforce Education & Training	\$ 260,262	\$ 323,759	\$ (2,821)	\$ 265,852	\$ 129,103	\$ 154,416	\$ -	\$ 130,657	\$ 2,687,911	\$ 2,282,888	\$ 6,716	\$ 2,732,487	\$ -	\$ -	\$ -	\$ -	\$ 2,687,911	\$ 2,282,888	\$ 6,716	\$ 2,732,487	\$ 3,077,277	
	SCG3729	SW-WE&T-Centeries	\$ 226,156	\$ 293,502	\$ -	\$ 231,422	\$ 129,103	\$ 154,416	\$ -	\$ 130,657	\$ 2,144,726	\$ 1,971,651	\$ 65,887	\$ 2,186,619	\$ -	\$ -	\$ -	\$ -	\$ 2,144,726	\$ 1,971,651	\$ 65,887	\$ 2,186,619	\$ 2,499,986	
	SCG3730	SW-WE&T-Connections	\$ 26,199	\$ 28,467	\$ (2,876)	\$ 26,487	\$ -	\$ -	\$ -	\$ -	\$ 401,091	\$ 301,128	\$ -	\$ 403,465	\$ -	\$ -	\$ -	\$ -	\$ 401,091	\$ 301,128	\$ -	\$ 403,465	\$ 427,290	
SCG3731	SW-WE&T-Strategic Planning	\$ 7,906	\$ 1,789	\$ 54	\$ 7,944	\$ -	\$ -	\$ -	\$ -	\$ 142,094	\$ 10,110	\$ (59,170)	\$ 142,404	\$ -	\$ -	\$ -	\$ -	\$ 142,094	\$ 10,110	\$ (59,170)	\$ 142,404	\$ 150,000		
SCG3732	SW Integrated Demand Side Management	\$ 37,081	\$ 53,841	\$ (2,172)	\$ 60,434	\$ 12,450	\$ 16,353	\$ -	\$ 39,600	\$ 275,470	\$ 157,783	\$ 1,815	\$ 481,715	\$ -	\$ -	\$ -	\$ -	\$ 275,470	\$ 157,783	\$ 1,815	\$ 481,715	\$ 325,000		
SCG3734	SW-IDS-IDS	\$ 37,081	\$ 53,841	\$ (2,172)	\$ 60,434	\$ 12,450	\$ 16,353	\$ -	\$ 39,600	\$ 275,470	\$ 157,783	\$ 1,815	\$ 481,715	\$ -	\$ -	\$ -	\$ -	\$ 275,470	\$ 157,783	\$ 1,815	\$ 481,715	\$ 325,000		
SCG3735	SW Finance	\$ 55,334	\$ 185,927	\$ -	\$ 196,124	\$ 36,596	\$ 246,416	\$ -	\$ 37,190	\$ 7,255,570	\$ 520,999	\$ (721,473)	\$ 2,031,009	\$ 250,000	\$ -	\$ -	\$ -	\$ 7,505,570	\$ 520,999	\$ (721,473)	\$ 2,031,009	\$ 7,597,500		
SCG3735	SW-FIN-On-Bill Financing	\$ 55,334	\$ 68,712	\$ -	\$ 68,665	\$ 36,596	\$ 39,676	\$ -	\$ 37,190	\$ 7,255,570	\$ 520,999	\$ (721,473)	\$											

B.1 – Budget Placemat Table

Detail for pre-2010 may be shown by funding category or sector/area if a matching or similar current program does not exist.

New/Existing Program #	Main Program Name / Sub-Program Name	Total			Program Type	Market Sector	Pilot Program	Program Status	Utility Grouping	pre 2013 CARRYOVER to 2014 and beyond	2013 CARRYOVER to 2014 and beyond	TOTAL CARRYOVER
		2013 Spent	pre 2013-2014 Carryover spent in 2013	2015 Request								
	SW CALSPREE	\$ 13,008,939	\$ 1,303,165	\$ 19,579,342					\$ 2,624,610	\$ 6,556,681	\$ 9,181,291	
SCG3701	SW-CALS-Energy Advisor	\$ 166,635	\$ 209,053	\$ 757,889	Core - SW	Residential	Existing	Energy Advisor	\$ 749,347	\$ 588,860	\$ 1,338,207	
SCG3702	SW-CALS-Plug Load and Appliances	\$ 4,366,030	\$ 251,519	\$ 4,193,046	Core - SW	Residential	Revised	PLA	\$ 1,048,481	\$ 1,268,654	\$ 2,317,135	
SCG3703	SW-CALS-Plug Load and Appliances - POS	\$ 2,011,656	\$ -	\$ 2,287,108	Core - SW	Residential	Revised	PLA	\$ -	\$ 97,608	\$ 97,608	
SCG3704	SW-CALS-MFEER	\$ 891,076	\$ (14,385)	\$ 1,328,972	Core - SW	Residential	Existing	MFEER	\$ -	\$ 492,878	\$ 492,878	
SCG3705	SW-CALS-Home Upgrade Program	\$ 3,926,629	\$ 115,760	\$ 6,767,345	Core - SW	Residential	Revised	Whole House	\$ -	\$ 2,745,683	\$ 2,745,683	
SCG3706	SW-CALS-Residential HVAC	\$ 20,709	\$ -	\$ 1,409,054	Core - SW	Residential	Revised	HVAC	\$ -	\$ 182,507	\$ 182,507	
SCG3707	SW-CALS-RNC	\$ 1,626,202	\$ 741,218	\$ 2,835,928	Core - SW	Residential	Revised	New Construction	\$ 826,782	\$ 1,180,489	\$ 2,007,271	
	SW Commercial EE Program	\$ 5,431,129	\$ 1,014,777	\$ 10,737,344					\$ 2,483,492	\$ 3,706,832	\$ 6,190,324	
SCG3708	SW-COM-Energy Advisor	\$ 218,754	\$ 139,108	\$ 516,008	Core - SW	Commercial	Existing	Energy Advisor	\$ 696,762	\$ 289,250	\$ 986,012	
SCG3709	SW-COM-CEI	\$ 22,731	\$ 81,134	\$ 200,329	Core - SW	Commercial	Existing	CEI	\$ 27,892	\$ 177,269	\$ 205,161	
SCG3710	SW-COM-Calculated Incentives	\$ 1,331,096	\$ 653,466	\$ 5,195,394	Core - SW	Commercial	Revised	Calculated Incentives	\$ 1,758,838	\$ 3,288,829	\$ 5,047,667	
SCG3711	SW-COM-Deemed Incentives	\$ 3,833,758	\$ 141,068	\$ 4,497,331	Core - SW	Commercial	Revised	Deemed Incentives	\$ -	\$ (351,708)	\$ (351,708)	
SCG3712	SW-COM-NonRes HVAC	\$ 24,790	\$ -	\$ 328,282	Core - SW	Commercial	Existing	HVAC	\$ -	\$ 303,192	\$ 303,192	
	SW Industrial Programs	\$ 8,136,640	\$ 3,051,668	\$ 11,173,217					\$ 4,666,462	\$ 6,465,226	\$ 11,131,688	
SCG3713	SW-IND-Energy Advisor	\$ 642,490	\$ 796	\$ 615,730	Core - SW	Industrial	Existing	Energy Advisor	\$ -	\$ (34,487)	\$ (34,487)	
SCG3714	SW-IND-CEI	\$ 28,007	\$ 20,103	\$ 324,017	Core - SW	Industrial	Existing	CEI	\$ 178,725	\$ 294,993	\$ 473,718	
SCG3715	SW-IND-Calculated Incentives	\$ 6,459,487	\$ 3,038,437	\$ 9,184,880	Core - SW	Industrial	Revised	Calculated Incentives	\$ 4,487,737	\$ 6,169,609	\$ 10,657,346	
SCG3716	SW-IND-Deemed Incentives	\$ 1,006,656	\$ (7,668)	\$ 1,048,590	Core - SW	Industrial	Revised	Deemed Incentives	\$ -	\$ 35,110	\$ 35,110	
	SW Agricultural Programs	\$ 1,114,585	\$ (10,388)	\$ 4,238,506					\$ 1,108,325	\$ 1,262,732	\$ 2,371,057	
SCG3717	SW-AG-Energy Advisor	\$ 23,527	\$ 229	\$ 39,703	Core - SW	Agricultural	Existing	Energy Advisor	\$ -	\$ 15,479	\$ 15,479	
SCG3718	SW-AG-CEI	\$ 6,716	\$ (231)	\$ 32,200	Core - SW	Agricultural	Existing	CEI	\$ -	\$ 25,394	\$ 25,394	
SCG3719	SW-AG-Calculated Incentives	\$ 717,328	\$ 2,437	\$ 3,663,775	Core - SW	Agricultural	Revised	Calculated Incentives	\$ 1,108,325	\$ 1,055,288	\$ 2,163,613	
SCG3720	SW-AG-Deemed Incentives	\$ 367,014	\$ (12,823)	\$ 502,829	Core - SW	Agricultural	Revised	Deemed Incentives	\$ -	\$ 166,570	\$ 166,570	
	SW Emerging Technologies Programs	\$ 1,328,614	\$ 358,761	\$ 1,272,335					\$ 590,347	\$ (70,251)	\$ 520,096	
SCG3721	SW-ET-Technology Development Support	\$ 150,648	\$ -	\$ 63,575	Core - SW	Cross Cutting	Existing	Emerging Technology Programs	\$ -	\$ (87,769)	\$ (87,769)	
SCG3722	SW-ET-Technology Assessment Support	\$ 955,416	\$ 358,761	\$ 508,588	Core - SW	Cross Cutting	Existing	Emerging Technology Programs	\$ 590,347	\$ (452,399)	\$ 137,948	
SCG3723	SW-ET-Technology Introduction Support	\$ 222,551	\$ -	\$ 700,172	Core - SW	Cross Cutting	Existing	Emerging Technology Programs	\$ -	\$ 469,917	\$ 469,917	
	SW Codes & Standards	\$ 236,958	\$ 66,372	\$ 842,591					\$ 168,734	\$ 600,156	\$ 768,890	
SCG3724	SW-C&S-Building Codes & Compliance Advocacy	\$ 96,783	\$ 316	\$ 209,995	Core - SW	Cross Cutting	Existing	Codes and Standards	\$ 168,734	\$ 111,843	\$ 280,577	
SCG3725	SW-C&S-Appliance Standards Advocacy	\$ 40,402	\$ 37	\$ 167,482	Core - SW	Cross Cutting	Existing	Codes and Standards	\$ -	\$ 125,984	\$ 125,984	
SCG3726	SW-C&S-Compliance Enhancement	\$ 55,447	\$ 66,006	\$ 251,207	Core - SW	Cross Cutting	Existing	Codes and Standards	\$ -	\$ 194,117	\$ 194,117	
SCG3727	SW-C&S-Reach Codes	\$ 18,549	\$ 14	\$ 85,374	Core - SW	Cross Cutting	Existing	Codes and Standards	\$ -	\$ 66,277	\$ 66,277	
SCG3728	SW-C&S-Planning Coordination	\$ 25,777	\$ -	\$ 128,533	Core - SW	Cross Cutting	Existing	Codes and Standards	\$ -	\$ 101,935	\$ 101,935	
	SW Workforce Education & Training	\$ 2,761,063	\$ 3,895	\$ 3,128,997					\$ 124,332	\$ 316,213	\$ 440,545	
SCG3729	SW-WE&T-Centergies	\$ 2,419,570	\$ 65,887	\$ 2,548,697	Core - SW	Cross Cutting	Existing	WE&T Programs	\$ -	\$ 80,417	\$ 80,417	
SCG3730	SW-WE&T-Connections	\$ 329,595	\$ (2,876)	\$ 429,952	Core - SW	Cross Cutting	Existing	WE&T Programs	\$ 23,444	\$ 97,695	\$ 121,139	
SCG3731	SW-WE&T-Strategic Planning	\$ 11,899	\$ (59,116)	\$ 150,348	Core - SW	Cross Cutting	Existing	WE&T Programs	\$ 100,888	\$ 138,102	\$ 238,990	
	SW Integrated Demand Side Management	\$ 227,976	\$ (358)	\$ 581,750					\$ -	\$ 97,024	\$ 97,024	
SCG3734	SW-IDSM-IDSM	\$ 227,976	\$ (358)	\$ 581,750	Core - SW	Cross Cutting	Revised	DSM Integration Programs	\$ -	\$ 97,024	\$ 97,024	
	SW Finance	\$ 953,342	\$ (721,473)	\$ 2,264,324					\$ 930,882	\$ 6,644,159	\$ 7,575,041	
SCG3735	SW-FIN-On-Bill Financing	\$ 378,567	\$ (721,473)	\$ 878,579	Core - SW	Commercial	Existing	Financing Programs	\$ 930,882	\$ 485,122	\$ 1,416,004	
SCG3736	SW-FIN-ARRA-Originated Financing	\$ 366,735	\$ -	\$ 1,385,745	Core - SW	Residential	Existing	Financing Programs	\$ -	\$ 1,233,265	\$ 1,233,265	
SCG3737	SW-FIN-New Financing Offerings ³	\$ 208,039	\$ -	\$ -	Core - SW	Cross Cutting	Existing	Financing Programs	\$ -	\$ 4,925,772	\$ 4,925,772	
	Local Institutional Partnerships	\$ 675,128	\$ 1,937	\$ 1,350,130					\$ 375,536	\$ 681,674	\$ 1,057,210	
SCG3738	LInstP-CA Department of Corrections Partnership	\$ 66,013	\$ (17)	\$ 256,482	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ 74,180	\$ 193,184	\$ 267,365	
SCG3739	LInstP-California Community College Partnership	\$ 253,023	\$ (17)	\$ 372,082	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ 92,815	\$ 98,694	\$ 191,509	
SCG3740	LInstP-UC/CSU/IOU Partnership	\$ 294,783	\$ 1,846	\$ 471,035	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ 129,049	\$ 178,247	\$ 307,296	
SCG3741	LInstP-State of CA/IOU Partnership	\$ 61,309	\$ 126	\$ 250,531	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ 79,492	\$ 211,549	\$ 291,041	
	Local Government Partnerships	\$ 1,457,433	\$ 29,567	\$ 3,495,821					\$ 61,973	\$ 1,948,481	\$ 2,010,454	
SCG3742	LGP-LA Co Partnership	\$ 58,589	\$ (3,259)	\$ 227,492	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 158,384	\$ 158,384	
SCG3743	LGP-Kern Co Partnership	\$ 76,865	\$ -	\$ 104,789	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 27,367	\$ 27,367	
SCG3744	LGP-Riverside Co Partnership	\$ 50,302	\$ (9)	\$ 141,676	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ 61,973	\$ 96,757	\$ 158,730	
SCG3745	LGP-San Bernardino Co Partnership	\$ 94,097	\$ (9)	\$ 142,985	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 50,761	\$ 50,761	
SCG3746	LGP-Santa Barbara Co Partnership	\$ 82,843	\$ 26,859	\$ 123,769	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 31,804	\$ 31,804	
SCG3747	LGP-South Bay Cities Partnership	\$ 140,151	\$ (9)	\$ 156,042	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 13,815	\$ 13,815	
SCG3748	LGP-San Luis Obispo Co Partnership	\$ 99,051	\$ (642)	\$ 102,309	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 8,231	\$ 8,231	
SCG3749	LGP-San Joaquin Valley Partnership	\$ 60,622	\$ (235)	\$ 115,285	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 36,523	\$ 36,523	
SCG3750	LGP-Orange Co Partnership	\$ 56,059	\$ (651)	\$ 153,703	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 79,910	\$ 79,910	
SCG3751	LGP-SEEC Partnership	\$ 77,532	\$ 7,381	\$ 147,698	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 70,165	\$ 70,165	
SCG3752	LGP-Community Energy Partnership	\$ 109,065	\$ 141	\$ 139,684	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 17,259	\$ 17,259	
SCG3753	LGP-Desert Cities Partnership	\$ 8,309	\$ -	\$ 18,034	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 16,991	\$ 16,991	
SCG3754	LGP-Ventura County Partnership	\$ 77,756	\$ -	\$ 171,544	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 90,325	\$ 90,325	
SCG3755	LGP-Local Government Energy Efficiency Pilots	\$ -	\$ -	\$ 215,000	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 215,000	\$ 215,000	
SCG3773	LGP-New Partnership Programs	\$ 101,095	\$ -	\$ 299,443	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 197,341	\$ 197,341	
SCG3774	LGP-LG Regional Resource Placeholder	\$ 205,607	\$ -	\$ 325,955	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 116,827	\$ 116,827	
SCG3776	LGP-Gateway Cities Partnership	\$ 16,869	\$ -	\$ 174,765	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 146,192	\$ 146,192	
SCG3777	LGP-San Gabriel Valley COG Partnership	\$ 33,773	\$ -	\$ 249,015	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 206,479	\$ 206,479	
SCG3778	LGP-City of Santa Ana Partnership	\$ 18,261	\$ -	\$ 79,437	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 53,635	\$ 53,635	
SCG3779	LGP-West Side Cities Partnership	\$ 171	\$ -	\$ 47,822	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 48,895	\$ 48,895	
SCG3780	LGP-City of Simi Valley Partnership	\$ 20,484	\$ -	\$ 48,213	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 28,770	\$ 28,770	
SCG3781	LGP-City of Redlands Partnership	\$ 21,311	\$ -	\$ 61,966	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 38,722	\$ 38,722	
SCG3782	LGP-City of Beaumont Partnership	\$ 21,725	\$ -	\$ 53,770	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 29,598	\$ 29,598	
SCG3783	LGP-Western Riverside COG Partnership	\$ 26,898	\$ -	\$ 195,427	Govt Partnerships	Govt Partnerships	Existing	Government Partnerships	\$ -	\$ 168,729	\$ 168,729	
	Third Party Programs	\$ 14,064,210	\$ 621,350	\$ 16,375,717					\$ 2,169,541	\$ 2,835,065	\$ 5,004,606	
SCG3756	3P-Energy Challenger	\$ 82,512	\$ (1,130)	\$ -	3P	Commercial	Existing	Commercial 3P Program	\$ -	\$ (39,440)	\$ (39,440)	
SCG3757	3P-Small Industrial Facility Upgrades	\$ 318,563	\$ 390,694	\$ 745,183	3P	Industrial	Existing	Industrial 3P Program	\$ 528,275	\$ 425,794	\$ 954,069	
SCG3758	3P-PREPS	\$ 460,440	\$ 21,277	\$ 1,226,515	3P	Commercial	Revised	Commercial 3P Program	\$ 299,218	\$ 429,744	\$ 728,962	
SCG3759	3P-On Demand Efficiency	\$ 2,558,278	\$ 212,507	\$ 2,545,075	3P	Residential	Existing	Residential 3P Program	\$ 170,402	\$ (187,329)	\$ (16,927)	
SCG3760	3P-HERS Rater Training Advancement	\$ 522,479	\$ 47,935	\$ 638,326	3P	Residential	Existing	Residential 3P Program	\$ -	\$ 114,108	\$ 114,108	
SCG3761	3P-MF Home Tune-Up	\$ 1,659,103	\$ (6,654)	\$ 1,141,315	3P	Residential	Existing	Residential 3P Program	\$ -	\$ (588,446)	\$ (588,446)	
SCG3762	3P-CLEO	\$ 263,822	\$ (565)	\$ 265,080	3P	Residential	Existing	Residential 3P Program	\$ -	\$ 195	\$ 195	
SCG3763	3P-MF Direct Therm Savings	\$ 1,941,077	\$ (13,973)	\$ 1,535,809	3P	Residential	Existing	Residential 3P Program	\$ -	\$ 98,590	\$ 98,590	
SCG3764	3P-LivingWise	\$ 1,009,516	\$ (8,749)	\$ 803,634	3P	Residential	Existing	Residential 3P Program	\$ -	\$ (15,005)	\$ (15,005)	
SCG3765	3P-Manufactured Mobile Home	\$ 3,022,875	\$ (25,576)	\$ 2,889,010	3P	Residential	Existing	Residential 3P Program	\$ -	\$ (253,509)	\$ (253,509)	
SCG3766	3P-SaveGas	\$ 300,596</										

Appendix B.2 - Savings Placemat Table and Cost Effectiveness Table

Utility	New/Existing Program #	Main Program Name / Sub-Program Name	Gross kWh Energy Savings						Gross kW Energy Savings						Gross Therm Energy Savings						TRC			PAC			net/gross k	
			2013 Forecast (Compliance Filing) ¹	2013 Claimed	2013 Claimed from pre-2013 Carryover	2014	2015	2015 % of Total Gross Program Savings	2013 Forecast (Compliance Filing) ¹	2013 Claimed	2013 Claimed from pre-2013 Carryover	2014	2015	2015 % of Total Gross Program Savings	2013 Forecast (Compliance Filing) ¹	2013 Claimed	2013 Claimed from pre-2013 Carryover	2014	2015	2015 % of Total Gross Program Savings	2013 Claimed ⁵	2013-2014 ⁵	2015 ⁵	2013 Claimed ⁵	2013-2014 ⁵	2015 ⁵		2013 Claimed
SoCalGas		SW CALSPREE	6,778,650	6,479,006	1,378,421	6,778,650	4,190,506	66%	3,659	4,038	1,312	3,659	2,158	61%	2,977,472	2,461,028	202,902	2,977,472	2,430,271	8%	0.70	0.69	0.65	1.18	1.00	1.05	0.54	
	SCG3701	SW-CALS-Energy Advisor	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	
	SCG3702	SW-CALS-Plug Load and Appliances	297,517	1,718,044	-	297,517	1,044,700	16%	150	1,144	-	150	609	17%	1,089,722	1,329,044	-	1,089,722	916,905	3%	0.83	0.99	0.89	1.31	1.13	1.39	0.58	
	SCG3703	SW-CALS-Plug Load and Appliances - POS	5,665,000	3,291,267	-	5,665,000	3,101,280	49%	2,362	1,491	-	2,362	1,478	42%	864,601	321,709	-	864,601	517,004	2%	0.91	1.05	0.96	2.71	2.21	3.47	0.51	
	SCG3704	SW-CALS-MFEER	6,281	34	-	6,281	2,488	0%	4	0	-	4	1	0%	638,546	467,985	-	638,546	481,771	2%	2.39	1.97	1.43	3.05	2.69	1.90	0.55	
	SCG3705	SW-CALS-Home Upgrade Program	-	1,749	-	-	-	0%	-	-	-	-	-	0%	193,072	122,042	-	193,072	119,623	0%	0.18	0.23	0.16	0.29	0.35	0.21	0.85	
	SCG3706	SW-CALS-Residential HVAC	-	-	-	-	42,039	1%	-	-	-	-	70	2%	-	-	-	-	72,301	0%	-	-	-	0.31	-	-	0.49	
	SCG3707	SW-CALS-RNC	809,852	1,467,911	1,378,421	809,852	-	0%	1,144	1,403	1,312	1,144	-	0%	191,532	220,248	202,902	191,532	322,665	1%	0.59	0.60	0.71	0.86	0.93	0.83	0.55	
			SW Commercial EE Program	-	26,363	-	-	25,725	0%	-	0	-	-	0%	3,833,509	2,234,157	663,614	3,833,509	4,773,499	16%	0.99	1.83	1.94	2.01	2.60	2.76	0.48	
	SCG3708	SW-COM-Energy Advisor	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3709	SW-COM-CEI	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3710	SW-COM-Calculated Incentives	-	-	-	-	-	0%	-	-	-	-	-	0%	2,922,120	1,240,889	663,614	2,922,120	3,836,700	13%	0.88	2.47	2.75	3.33	4.26	4.67	-	
	SCG3711	SW-COM-Deemed Incentives	-	26,363	-	-	25,725	0%	-	0	-	-	0	0%	911,389	993,269	-	911,389	936,799	3%	1.19	1.18	1.02	1.57	1.38	1.23	0.48	
	SCG3712	SW-COM-NonRes HVAC	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			SW Industrial Programs	-	-	-	-	0%	-	-	-	-	-	0%	12,425,162	12,138,516	4,711,366	12,425,162	10,546,582	35%	3.25	2.74	2.67	5.48	5.01	5.45	-	
	SCG3713	SW-IND-Energy Advisor	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3714	SW-IND-CEI	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3715	SW-IND-Calculated Incentives	-	-	-	-	-	0%	-	-	-	-	-	0%	10,951,244	11,462,880	4,711,366	10,951,244	9,900,000	32%	3.47	2.65	2.81	6.12	5.14	6.25	-	
	SCG3716	SW-IND-Deemed Incentives	-	-	-	-	-	0%	-	-	-	-	-	0%	1,473,918	675,636	-	1,473,918	646,582	2%	2.41	6.48	2.59	3.46	8.00	3.57	-	
			SW Agricultural Programs	-	74,101	-	-	67,980	1%	-	-	-	-	0%	1,210,632	554,513	-	1,210,632	3,542,044	12%	1.07	2.30	3.19	1.52	3.33	5.65	0.46	
	SCG3717	SW-AG-Energy Advisor	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3718	SW-AG-CEI	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3719	SW-AG-Calculated Incentives	-	-	-	-	-	0%	-	-	-	-	-	0%	748,399	321,516	-	748,399	3,327,300	11%	1.02	2.48	3.42	1.59	3.81	6.40	-	
	SCG3720	SW-AG-Deemed Incentives	-	74,101	-	-	67,980	1%	-	-	-	-	-	0%	462,233	232,997	-	462,233	214,744	1%	1.30	1.80	0.97	1.49	2.17	1.12	0.46	
			SW Emerging Technologies Programs	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3721	SW-ET-Technology Development Support	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3722	SW-ET-Technology Assessment Support	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3723	SW-ET-Technology Introduction Support	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			SW Codes & Standards	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3724	SW-C&S-Building Codes & Compliance Advocacy	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3725	SW-C&S-Appliance Standards Advocacy	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3726	SW-C&S-Compliance Enhancement	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3727	SW-C&S-Reach Codes	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3728	SW-C&S-Planning Coordination	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			SW Workforce Education & Training	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3729	SW-WE&T-Centergies	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3730	SW-WE&T-Connections	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3731	SW-WE&T-Strategic Planning	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			SW Integrated Demand Side Management	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3734	SW-IDSM-IDSM	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			SW Finance	-	-	-	-	0%	-	-	-	-	-	0%	375,000	-	-	375,000	-	0%	-	0.23	0.26	-	0.27	0.30	-	
	SCG3735	SW-FIN-On-Bill Financing	-	-	-	-	-	0%	-	-	-	-	-	0%	375,000	-	-	375,000	-	0%	-	1.08	1.08	-	2.36	2.47	-	
	SCG3736	SW-FIN-ARRA-Originated Financing	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3737	SW-FIN-New Financing Offerings	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			Local Institutional Partnerships	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3738	LInstP-CA Department of Corrections Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3739	LInstP-California Community College Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3740	LInstP-UC/CSU/IOU Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3741	LInstP-State of CA/IOU Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
			Local Government Partnerships	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3742	LGP-LA Co Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3743	LGP-Kern Co Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3744	LGP-Riverside Co Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3745	LGP-San Bernardino Co Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3746	LGP-Santa Barbara Co Partnership	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-
	SCG3747	LGP-South Bay Cities Partnership	-	-	-	-	-	0%	-	-	-																	

Appendix B.3 – Budget, Spent, Unspent, and Carryover Details

Utility	New/Existing Program #	Main Program Name / Sub-Program Name	Total Budget, Spent and Unspent				Total 2013 Authorized minus Spent from 2013 Authorized (column H) by Category (2)					TOTAL CARRYOVER	Program Type	Market Sector	Pilot Program	Program Status	Utility Grouping		
			2013-14 Authorized Program Budget Annualized	2013 Spent [1]	pre 2013-2014 Carryover spent in 2013	2013-14 Authorized Program Budget Annualized not Spent (E minus F) [2]	2013 Unspent but accrued for 2013	2013 Committed and/or encumbered funds [3]	2013 Unspent - planned for use in 2014	2013 Unspent - available for 2015 [4]	pre 2013 CARRYOVER to 2014 and beyond [5]							2013 CARRYOVER to 2014 and beyond	
SoCalGas		SW CALSPREE	\$ 19,565,620	\$ 13,008,939	\$ 1,303,165	\$ 6,556,681	\$ -	\$ 1,565,045	\$ 6,556,681	\$ -	\$ 2,624,610	\$ 6,556,681	\$ 9,181,291						
	SCG3701	SW-CALS-Energy Advisor	\$ 755,495	\$ 166,635	\$ 209,053	\$ 588,860	\$ -	\$ -	\$ 588,860	\$ -	\$ 749,347	\$ 588,860	\$ 1,338,207	Core - SW	Residential		Existing	Energy Advisor	
	SCG3702	SW-CALS-Plug Load and Appliances	\$ 5,634,684	\$ 4,366,030	\$ 251,519	\$ 1,268,654	\$ -	\$ -	\$ 1,268,654	\$ -	\$ 1,048,481	\$ 1,268,654	\$ 2,317,135	Core - SW	Residential		Revised	PLA	
	SCG3703	SW-CALS-Plug Load and Appliances - POS	\$ 2,109,265	\$ 2,011,656	\$ -	\$ 97,608	\$ -	\$ -	\$ 97,608	\$ -	\$ -	\$ 97,608	\$ -	Core - SW	Residential		Revised	PLA	
	SCG3704	SW-CALS-MFEER	\$ 1,383,955	\$ 891,076	\$ (14,385)	\$ 492,878	\$ -	\$ -	\$ 492,878	\$ -	\$ -	\$ 492,878	\$ 492,878	Core - SW	Residential		Existing	MFEER	
	SCG3705	SW-CALS-Home Upgrade Program	\$ 6,672,313	\$ 3,926,629	\$ 115,760	\$ 2,745,683	\$ -	\$ -	\$ 2,745,683	\$ -	\$ -	\$ 2,745,683	\$ 2,745,683	Core - SW	Residential		Revised	Whole House	
	SCG3706	SW-CALS-Residential HVAC	\$ 203,217	\$ 20,709	\$ -	\$ 182,507	\$ -	\$ -	\$ 182,507	\$ -	\$ -	\$ 182,507	\$ 182,507	Core - SW	Residential		Revised	HVAC	
	SCG3707	SW-CALS-RNC	\$ 2,806,691	\$ 1,626,202	\$ 741,218	\$ 1,180,489	\$ -	\$ 1,565,045	\$ 1,180,489	\$ -	\$ 826,782	\$ 1,180,489	\$ 2,007,271	Core - SW	Residential		Revised	New Construction	
			SW Commercial EE Program	\$ 9,137,961	\$ 5,431,129	\$ 1,014,777	\$ 3,706,832	\$ -	\$ 2,155,748	\$ 3,706,832	\$ -	\$ 2,483,492	\$ 3,706,832	\$ 6,190,324					
	SCG3708	SW-COM-Energy Advisor	\$ 508,004	\$ 218,754	\$ 139,108	\$ 289,250	\$ -	\$ -	\$ 289,250	\$ -	\$ 696,762	\$ 289,250	\$ 986,012	Core - SW	Commercial		Existing	Energy Advisor	
	SCG3709	SW-COM-CEI	\$ 200,000	\$ 22,731	\$ 81,134	\$ 177,269	\$ -	\$ -	\$ 177,269	\$ -	\$ 27,892	\$ 177,269	\$ 205,161	Core - SW	Commercial		Existing	CEI	
	SCG3710	SW-COM-Calculated Incentives	\$ 4,619,925	\$ 1,331,096	\$ 653,466	\$ 3,288,829	\$ -	\$ 2,090,252	\$ 3,288,829	\$ -	\$ 1,758,838	\$ 3,288,829	\$ 5,047,667	Core - SW	Commercial		Revised	Calculated Incentives	
	SCG3711	SW-COM-Deemed Incentives	\$ 3,482,050	\$ 3,833,758	\$ 141,068	\$ (351,708)	\$ -	\$ 65,495	\$ (351,708)	\$ -	\$ -	\$ (351,708)	\$ (351,708)	Core - SW	Commercial		Revised	Deemed Incentives	
	SCG3712	SW-COM-NonRes HVAC	\$ 327,983	\$ 24,790	\$ -	\$ 303,192	\$ -	\$ -	\$ 303,192	\$ -	\$ -	\$ 303,192	\$ 303,192	Core - SW	Commercial		Existing	HVAC	
			SW Industrial Programs	\$ 14,601,865	\$ 8,136,640	\$ 3,051,668	\$ 6,465,226	\$ -	\$ 3,063,091	\$ 6,465,226	\$ -	\$ 4,666,462	\$ 6,465,226	\$ 11,131,688					
	SCG3713	SW-IND-Energy Advisor	\$ 608,003	\$ 642,490	\$ 796	\$ (34,487)	\$ -	\$ -	\$ (34,487)	\$ -	\$ -	\$ (34,487)	\$ -	Core - SW	Industrial		Existing	Energy Advisor	
	SCG3714	SW-IND-CEI	\$ 323,000	\$ 28,007	\$ 20,103	\$ 294,993	\$ -	\$ -	\$ 294,993	\$ -	\$ 178,725	\$ 294,993	\$ 473,718	Core - SW	Industrial		Existing	CEI	
	SCG3715	SW-IND-Calculated Incentives	\$ 12,629,096	\$ 6,459,487	\$ 3,038,437	\$ 6,169,609	\$ -	\$ 3,055,440	\$ 6,169,609	\$ -	\$ 4,487,737	\$ 6,169,609	\$ 10,657,346	Core - SW	Industrial		Revised	Calculated Incentives	
	SCG3716	SW-IND-Deemed Incentives	\$ 1,041,766	\$ 1,006,656	\$ (7,668)	\$ 35,110	\$ -	\$ 7,652	\$ 35,110	\$ -	\$ -	\$ 35,110	\$ 35,110	Core - SW	Industrial		Revised	Deemed Incentives	
			SW Agricultural Programs	\$ 2,377,317	\$ 1,114,585	\$ (10,388)	\$ 1,262,732	\$ -	\$ 1,012,557	\$ 1,262,732	\$ -	\$ 1,108,325	\$ 1,262,732	\$ 2,371,057					
	SCG3717	SW-AG-Energy Advisor	\$ 39,006	\$ 23,527	\$ 229	\$ 15,479	\$ -	\$ -	\$ 15,479	\$ -	\$ -	\$ 15,479	\$ 15,479	Core - SW	Agricultural		Existing	Energy Advisor	
	SCG3718	SW-AG-CEI	\$ 32,110	\$ 6,716	\$ (231)	\$ 25,394	\$ -	\$ -	\$ 25,394	\$ -	\$ -	\$ 25,394	\$ 25,394	Core - SW	Agricultural		Existing	CEI	
	SCG3719	SW-AG-Calculated Incentives	\$ 1,772,616	\$ 717,328	\$ 2,437	\$ 1,055,288	\$ -	\$ 1,012,557	\$ 1,055,288	\$ -	\$ 1,108,325	\$ 1,055,288	\$ 2,163,613	Core - SW	Agricultural		Revised	Calculated Incentives	
	SCG3720	SW-AG-Deemed Incentives	\$ 533,584	\$ 367,014	\$ (12,823)	\$ 166,570	\$ -	\$ -	\$ 166,570	\$ -	\$ -	\$ 166,570	\$ 166,570	Core - SW	Agricultural		Revised	Deemed Incentives	
			SW Emerging Technologies Programs	\$ 1,258,363	\$ 1,328,614	\$ 358,761	\$ (70,251)	\$ -	\$ -	\$ (70,251)	\$ -	\$ 590,347	\$ (70,251)	\$ 520,096					
	SCG3721	SW-ET-Technology Development Support	\$ 62,878	\$ 150,648	\$ -	\$ (87,769)	\$ -	\$ -	\$ (87,769)	\$ -	\$ -	\$ (87,769)	\$ (87,769)	Core - SW	Cross Cutting		Existing	Emerging Technology Programs	
	SCG3722	SW-ET-Technology Assessment Support	\$ 503,017	\$ 955,416	\$ 358,761	\$ (452,399)	\$ -	\$ -	\$ (452,399)	\$ -	\$ 590,347	\$ (452,399)	\$ 137,948	Core - SW	Cross Cutting		Existing	Emerging Technology Programs	
	SCG3723	SW-ET-Technology Introduction Support	\$ 692,468	\$ 222,551	\$ -	\$ 469,917	\$ -	\$ -	\$ 469,917	\$ -	\$ -	\$ 469,917	\$ 469,917	Core - SW	Cross Cutting		Existing	Emerging Technology Programs	
			SW Codes & Standards	\$ 837,114	\$ 236,958	\$ 66,372	\$ 600,156	\$ -	\$ -	\$ 600,156	\$ -	\$ 168,734	\$ 600,156	\$ 768,890					
	SCG3724	SW-C&S-Building Codes & Compliance Advocacy	\$ 206,626	\$ 96,783	\$ 316	\$ 111,843	\$ -	\$ -	\$ 111,843	\$ -	\$ 168,734	\$ 111,843	\$ 280,577	Core - SW	Cross Cutting		Existing	Codes and Standards	
	SCG3725	SW-C&S-Appliance Standards Advocacy	\$ 166,386	\$ 40,402	\$ 37	\$ 125,984	\$ -	\$ -	\$ 125,984	\$ -	\$ -	\$ 125,984	\$ 125,984	Core - SW	Cross Cutting		Existing	Codes and Standards	
	SCG3726	SW-C&S-Compliance Enhancement	\$ 249,564	\$ 55,447	\$ 66,006	\$ 194,117	\$ -	\$ -	\$ 194,117	\$ -	\$ -	\$ 194,117	\$ 194,117	Core - SW	Cross Cutting		Existing	Codes and Standards	
	SCG3727	SW-C&S-Reach Codes	\$ 84,826	\$ 18,549	\$ 14	\$ 66,277	\$ -	\$ -	\$ 66,277	\$ -	\$ -	\$ 66,277	\$ 66,277	Core - SW	Cross Cutting		Existing	Codes and Standards	
	SCG3728	SW-C&S-Planning Coordination	\$ 127,711	\$ 25,777	\$ -	\$ 101,935	\$ -	\$ -	\$ 101,935	\$ -	\$ -	\$ 101,935	\$ 101,935	Core - SW	Cross Cutting		Existing	Codes and Standards	
			SW Workforce Education & Training	\$ 3,077,277	\$ 2,761,063	\$ 3,895	\$ 316,213	\$ -	\$ -	\$ 316,213	\$ -	\$ 124,332	\$ 316,213	\$ 440,545					
	SCG3729	SW-WE&T-Centergies	\$ 2,499,986	\$ 2,419,570	\$ 65,887	\$ 80,417	\$ -	\$ -	\$ 80,417	\$ -	\$ -	\$ 80,417	\$ 80,417	Core - SW	Cross Cutting		Existing	WE&T Programs	
	SCG3730	SW-WE&T-Connections	\$ 427,290	\$ 329,595	\$ (2,876)	\$ 97,695	\$ -	\$ -	\$ 97,695	\$ -	\$ 23,444	\$ 97,695	\$ 121,139	Core - SW	Cross Cutting		Existing	WE&T Programs	
	SCG3731	SW-WE&T-Strategic Planning	\$ 150,000	\$ 11,899	\$ (59,116)	\$ 138,102	\$ -	\$ -	\$ 138,102	\$ -	\$ 100,888	\$ 138,102	\$ 238,990	Core - SW	Cross Cutting		Existing	WE&T Programs	
			SW Integrated Demand Side Management	\$ 325,000	\$ 227,976	\$ (358)	\$ 97,024	\$ -	\$ -	\$ 97,024	\$ -	\$ -	\$ 97,024	\$ 97,024					
	SCG3734	SW-IDSM-IDSM	\$ 325,000	\$ 227,976	\$ (358)	\$ 97,024	\$ -	\$ -	\$ 97,024	\$ -	\$ -	\$ 97,024	\$ 97,024	Core - SW	Cross Cutting		Revised	DSM Integration Programs	
			SW Finance	\$ 7,597,500	\$ 953,342	\$ (721,473)	\$ 6,644,159	\$ -	\$ -	\$ 6,644,159	\$ -	\$ 930,882	\$ 6,644,159	\$ 7,575,041					
	SCG3735	SW-FIN-On-Bill Financing	\$ 863,689	\$ 378,567	\$ (721,473)	\$ 485,122	\$ -	\$ -	\$ 485,122	\$ -	\$ 930,882	\$ 485,122	\$ 1,416,004	Core - SW	Commercial		Existing	Financing Programs	
	SCG3736	SW-FIN-ARRA-Originated Financing	\$ 1,600,000	\$ 366,735	\$ -	\$ 1,233,265	\$ -	\$ -	\$ 1,233,265	\$ -	\$ -	\$ 1,233,265	\$ 1,233,265	Core - SW	Residential		Existing	Financing Programs	
	SCG3737	SW-FIN-New Financing Offerings	\$ 5,133,811	\$ 208,039	\$ -	\$ 4,925,772	\$ -	\$ -	\$ 4,925,772	\$ -	\$ -	\$ 4,925,772	\$ 4,925,772	Core - SW	Cross Cutting		Existing	Financing Programs	
			Local Institutional Partnerships	\$ 1,356,802	\$ 675,128	\$ 1,937	\$ 681,674	\$ -	\$ -	\$ 681,674	\$ -	\$ 375,536	\$ 681,674	\$ 1,057,210					
	SCG3738	LInstP-CA Department of Corrections Partnership	\$ 259,197	\$ 66,013	\$ (17)	\$ 193,184	\$ -	\$ -	\$ 193,184	\$ -	\$ 74,180	\$ 193,184	\$ 267,365	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3739	LInstP-California Community College Partnership	\$ 351,717	\$ 253,023	\$ (17)	\$ 98,694	\$ -	\$ -	\$ 98,694	\$ -	\$ 191,509	\$ 98,694	\$ 191,509	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3740	LInstP-UC/CSU/IOU Partnership	\$ 473,030	\$ 294,783	\$ 1,846	\$ 178,247	\$ -	\$ -	\$ 178,247	\$ -	\$ 129,049	\$ 178,247	\$ 307,296	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3741	LInstP-State of CA/IOU Partnership	\$ 272,858	\$ 61,309	\$ 126	\$ 211,549	\$ -	\$ -	\$ 211,549	\$ -	\$ 79,492	\$ 211,549	\$ 291,041	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
			Local Government Partnerships	\$ 3,405,914	\$ 1,457,433	\$ 29,567	\$ 1,948,481	\$ -	\$ -	\$ 1,948,481	\$ -	\$ 61,973	\$ 1,948,481	\$ 2,010,454					
	SCG3742	LGP-LA Co Partnership	\$ 216,973	\$ 58,589	\$ (3,259)	\$ 158,384	\$ -	\$ -	\$ 158,384	\$ -	\$ -	\$ 158,384	\$ 158,384	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3743	LGP-Kern Co Partnership	\$ 104,232	\$ 76,865	\$ -	\$ 27,367	\$ -	\$ -	\$ 27,367	\$ -	\$ -	\$ 27,367	\$ 27,367	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3744	LGP-Riverside Co Partnership	\$ 147,059	\$ 50,302	\$ (9)	\$ 96,757	\$ -	\$ -	\$ 96,757	\$ -	\$ 61,973	\$ 96,757	\$ 158,730	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3745	LGP-San Bernardino Co Partnership	\$ 144,859	\$ 94,097	\$ (9)	\$ 50,761	\$ -	\$ -	\$ 50,761	\$ -	\$ -	\$ 50,761	\$ 50,761	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3746	LGP-Santa Barbara Co Partnership	\$ 114,647	\$ 82,843	\$ 26,859	\$ 31,804	\$ -	\$ -	\$ 31,804	\$ -	\$ -	\$ 31,804	\$ 31,804	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3747	LGP-South Bay Cities Partnership	\$ 153,966	\$ 140,151	\$ (9)	\$ 13,815	\$ -	\$ -	\$ 13,815	\$ -	\$ -	\$ 13,815	\$ 13,815	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3748	LGP-San Luis Obispo Co Partnership	\$ 107,282	\$ 99,051	\$ (642)	\$ 8,231	\$ -	\$ -	\$ 8,231	\$ -	\$ 8,231	\$ 8,231	\$ 8,231	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3749	LGP-San Joaquin Valley Partnership	\$ 97,145	\$ 60,622	\$ (235)	\$ 36,523	\$ -	\$ -	\$ 36,523	\$ -	\$ -	\$ 36,523	\$ 36,523	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3750	LGP-Orange Co Partnership	\$ 135,969	\$ 56,059	\$ (651)	\$ 79,910	\$ -	\$ -	\$ 79,910	\$ -	\$ -	\$ 79,910	\$ 79,910	Govt Partnerships	Govt Partnerships		Existing	Government Partnerships	
	SCG3751	LGP-SEEC Partnership	\$ 147,697	\$ 77,532	\$ 7,381	\$ 70,165	\$ -	\$ -	\$ 70,165	\$ -	\$ -	\$ 70,165	\$ 70,165	Govt Partnerships	Govt Partnerships		Existing		

Appendix C

Advice No. 4725

Savings Allocation and Funding Sources Tables

Table 1.1 - 2013-2015 Gross Annual Savings Impacts by Year

	2013 Claim ^{1,3}			2014 Forecast ^{1,3}			2015 Forecast ^{2,3}		
	Total	CPUC Goal	% of 2013 Goal	Total	CPUC Goal	% of 2014 Goal	Total	CPUC Goal	% of 2015 Goal
Energy Savings (Gross GWh)	8.2	-	-	6.8	-	-	6.3	-	-
Demand Reduction (Gross MW)	5.8	-	-	3.7	-	-	3.6	-	-
Gas Savings (Gross MMTh)	25.4	24.1	106%	29.9	23.2	129%	30.5	25.3	121%

[1] 2013 and 2014 totals are based on the 2013 actual results and 2013-2014 compliance filings for 2014, respectively.

[2] Forecasting of annual savings from installations made during the 2015 program funding periods.

[3] Codes & Standards and Energy Savings Assistance program are included.

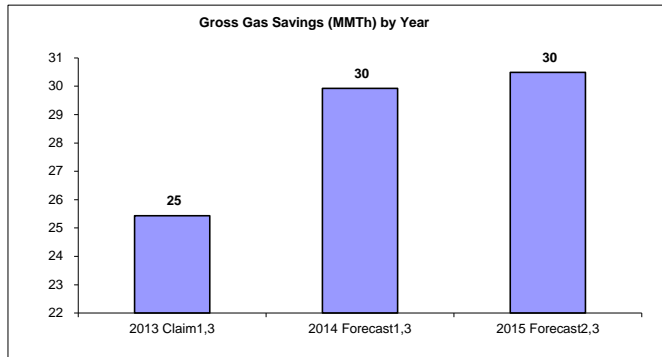
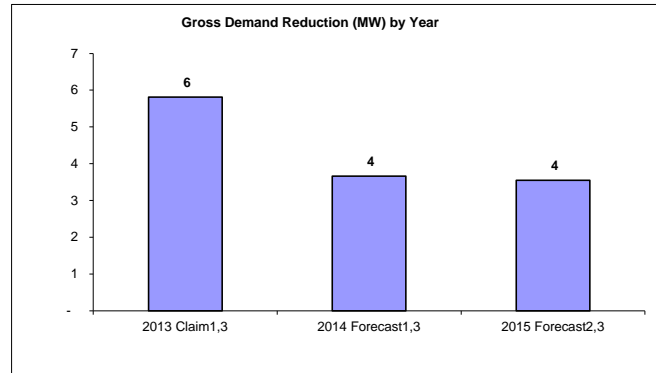
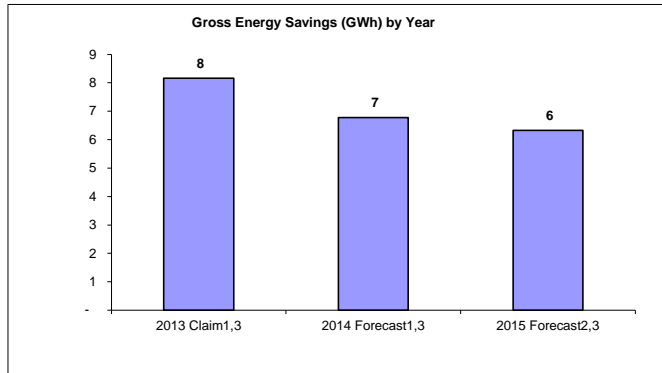


Table 1.2 - 2015 Total Requested Budget and Projected Gross Portfolio Savings Impacts of Resource Programs By Sector and End Use

Total Portfolio	Budget (millions) ¹		Energy Savings (Gross GWh)		Demand Reduction (Gross MW)		Gas Savings (Gross MMTh)	
	Total	% of Total	Total	% of Total	Total	% of Total	Total	% of Total
Residential	\$ 29.12	49%	6.24	99%	3.55	100%	3.85	13%
Appliances	\$ 2.21	8%	3.96	63%	1.93	54%	0.29	8%
Consumer Electronics	\$ -	0%	-	0%	-	0%	-	0%
Cooking Appliances	\$ -	0%	-	0%	-	0%	-	0%
HVAC	\$ 4.41	15%	1.74	28%	1.56	44%	0.58	15%
Lighting	\$ -	0%	-	0%	-	0%	-	0%
Pool Pump	\$ -	0%	-	0%	-	0%	-	0%
Refrigeration	\$ -	0%	-	0%	-	0%	-	0%
Water Heating	\$ 22.50	77%	0.54	9%	0.06	2%	2.98	77%
Audits, Surveys and Other	\$ -	0%	-	0%	-	0%	-	0%
Nonresidential	\$ 29.69	50%	0.09	1%	0.00	0%	20.20	66%
HVAC	\$ 1.02	3%	-	0%	-	0%	0.70	3%
Lighting	\$ -	0%	-	0%	-	0%	-	0%
Office	\$ -	0%	-	0%	-	0%	-	0%
Process	\$ 20.27	68%	0.09	95%	-	0%	13.73	68%
Refrigeration	\$ -	0%	-	0%	-	0%	-	0%
Audits, Surveys and Other	\$ 8.40	28%	0.00	5%	0.00	100%	5.77	29%
Government Partnerships²	\$ -	0%	-	0%	-	0%	-	0%
Low Income Energy Efficiency	NA	NA	-	0%	-	0%	2.43	8%
Codes & Standards	\$ 0.84	1%	-	0%	-	0%	4.01	13%
Total	\$ 59.65		6.33		3.55		30.5	
CPUC 2015 Goal (including C&S)			-		-		25.3	

[1] The total resource program budget by market sector is the sum of all administrative, marketing and direct implementation incentive and non-incentive costs included in the 2015 budget request. Resource cross cutting core and third party programs are allocated to the appropriate market sector where energy savings are expected to be realized.

[2] SoCalGas' Local Government and Institutional Partnership programs are non-resource programs and are not included above. Projects and savings are funneled through SoCalGas' core programs.

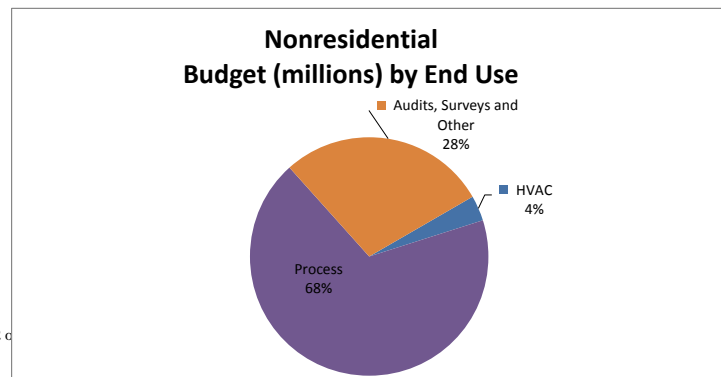
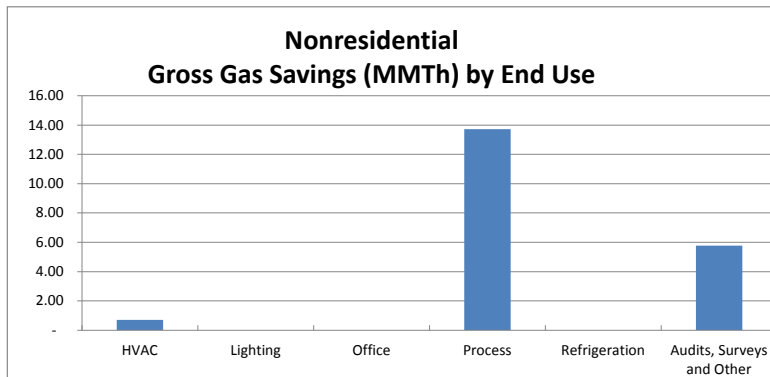
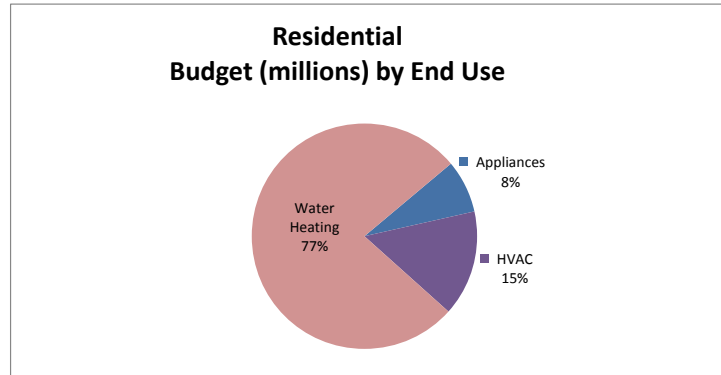
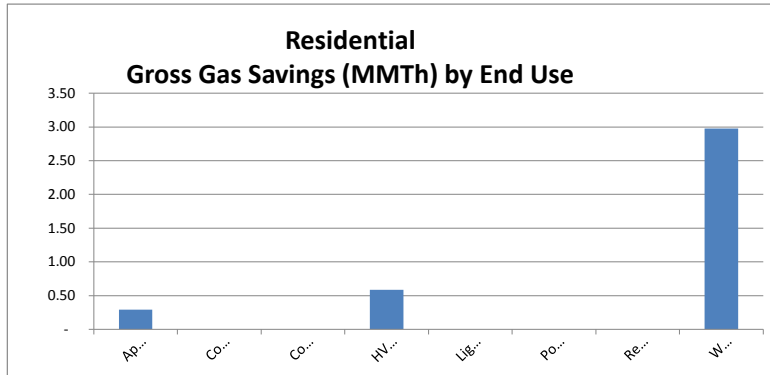


Table 1.3 - 2015 Requested Budget and Projected Savings Impacts of Resource Programs by Market Sector

Market Sector	Budget (millions) ¹	% of Total	Energy Savings (Gross GWh)	% of Total	Demand		Gas Savings (Gross MMTh)	% of Total
					Reduction (Gross MW)	% of Total		
Residential	\$ 29.12	45%	6.24	99%	3.55	100%	3.85	13%
Commercial	\$ 14.54	23%	0.03	0%	0.00	0%	5.77	19%
Industrial	\$ 10.98	17%	-	0%	-	0%	10.89	36%
Agricultural	\$ 4.17	6%	0.07	1%	-	0%	3.54	12%
Government Partnerships ²	\$ 4.85	8%	-	0%	-	0%	-	0%
Low Income Energy Efficiency	NA	NA	-	0%	-	0%	2.43	8%
Codes & Standards	\$ 0.84	1%	-	0%	-	0%	4.01	13%
Total	\$ 64.50		6.33		3.55		30.5	
CPUC 2015 Goal (including C&S)			-		-		25.3	

[1] The total resource program budget by market sector is the sum of all administrative, marketing and direct implementation incentive and non-incentive costs included in the 2015 budget request. Resource cross cutting core and third party programs are allocated to the appropriate market sector where energy savings are expected to be realized.

[2] SoCalGas' Local Government and Institutional Partnership programs are non-resource programs and are not included above. Projects and savings are funneled through SoCalGas' core programs.

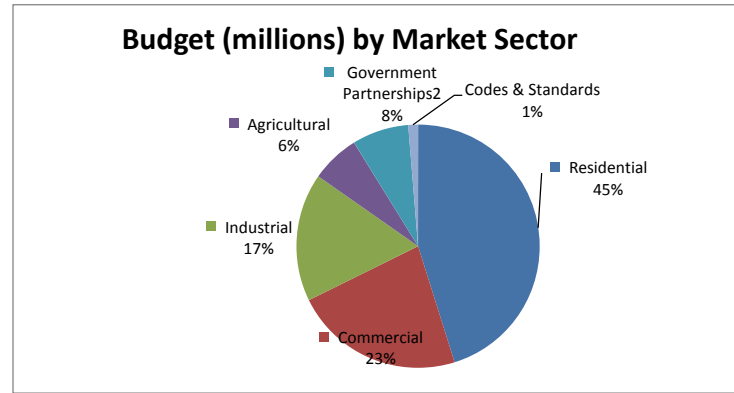
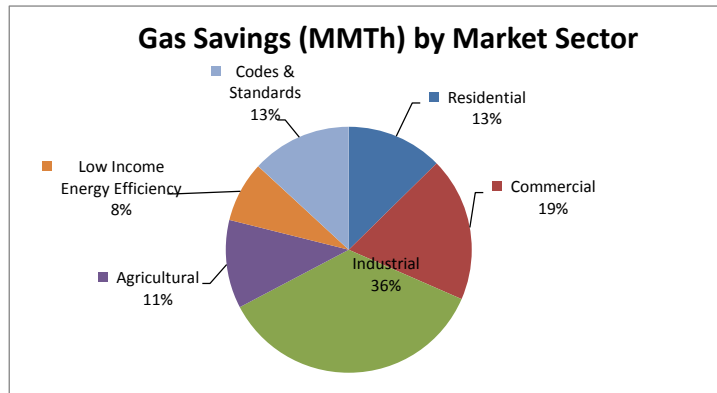


Table 2.1 -Bill Payer Impacts - Rates by Customer Class

	Electric Average Rate (Res and Non-Res) \$/kwh	Gas Average Rate (Res and Non-Res) \$/therm[1]	Total Average Bill Savings by Year[2,3]	Total Average Lifecycle Bill Savings[3,4]
2013 [5]	\$ -	\$ 0.85	\$ 16,557,808	\$ 211,228,578
2014 [5]	\$ -	\$ 0.85	\$ 15,113,124	\$ 229,142,453
2015	\$ -	\$ 1.16	\$ 27,861,452	\$ 418,220,130

[1] As of July 1, 2014, SCG's residential gas class-average rate is \$0.66285 per therm. SCG's 12-month average procurement rate is 2014 was \$0.49548 per therm.

[2] Average first year gas bill savings is calculated by multiplying an average gas rate with first year gross therm energy saving.

[3] Total Average Bill Savings by Year and Lifecycle Bill Savings include C&S lifecycle savings and exclude ESA Programs.

[4] Average lifecycle gas bill savings is calculated by multiplying an average gas rate with lifecycle gross therm energy saving.

[5] Forecasted savings for 2013-2014 are taken from SoCalGas 2013-2014 Compliance Filing filed on January 14, 2013.

Table 2.1a - Electric Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class

Customer Classes	2014 Total	2014 Energy	2015 Proposed	2015	2014 Energy	2015 Proposed	2015
	Electric Annual Revenue \$000	Efficiency Portion of Total Electric Annual Revenue \$000	Energy Efficiency Electric Annual Revenue Change \$000	Proposed Percentage Change In Electric Revenue and Rates (3)	Efficiency Portion of Electric Average Rate \$/kwh	Electric Average Rate Change \$/kwh	Proposed Percentage Change In Electric Revenue and Rates (3)

Table 2.1b - Gas Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class

Customer Classes	2014 Total	2014 Energy	2015 Proposed	2015	2014 Energy	2015 Proposed	2015
	Gas PPS Annual Revenue \$000	Efficiency Portion of Total Gas PPS Annual Revenue \$000	Energy Efficiency Gas PPS Annual Revenue Change \$000	Proposed Percentage Change In Gas Revenue and Rates (3)	Efficiency Portion of Gas Average Rate \$/therm	Gas Average Rate Change \$/therm	Proposed Percentage Change In Gas Revenue and Rates (3)
Residential	\$ 194,054	\$ 20,748	\$ (2,188)	-10.55%	\$ 0.08504	\$ (0.000883)	-10.55%
Core Commercial/Industrial	\$ 48,658	\$ 27,149	\$ (2,863)	-10.55%	\$ 0.05508	\$ (0.003056)	-10.55%
Gas Air Conditioning	\$ 65	\$ 39	\$ (4)	-10.55%	\$ 0.05692	\$ (0.003402)	-10.55%
Gas Engine	\$ 915	\$ 522	\$ (55)	-10.55%	\$ 0.05366	\$ (0.003043)	-10.55%
Non-Core Commercial/Industrial	\$ 38,680	\$ 4,013	\$ (423)	-10.55%	\$ 0.02734	\$ (0.000296)	-10.55%

Notes:

- [1] Proposed Change in Annual Revenue for Energy Efficiency programs as compared to current Energy Efficiency Revenue by customer class.
- [2] Represents the change in the amounts collected through the Public Purpose Program Surcharge for Energy Efficiency.
- [3] Proposed Change in the Energy Efficiency Component of the Public Purpose Program Surcharge by customer class.
- [4] Represents the % change in the Energy Efficiency component of the Public Purpose Program Surcharge.

Table 2.2 - Budget and Cost Recovery by Funding Source¹

	2015
2015 EE Portfolio Budget	\$ 83,569,795
Unspent/Uncommitted EM&V Carryover Funds	\$ -
Unspent/Uncommitted Program Carryover Funds	\$ 1,800,000
Total Funding Request for 2015 EE Portfolio	\$ 81,769,795

[1] Includes SoCalREN budget of \$4,337,000, as approved in D.14-10-046.

Budget by Funding Source¹

2015 Authorized (Before Carryover)	2015 Budget	Allocation
Electric Procurement EE Funds	\$ -	0%
Gas PPP Surcharge Funds	\$ 83,569,795	100%
Total Funds	\$ 83,569,795	

[1] Includes SoCalREN budget of \$4,337,000, as approved in D.14-10-046.

Revenue Requirement for Cost Recovery by Funding Source¹

2015 Authorized Funding in Rates (including Carryover)	2015 Revenue Requirement	Allocation after Carryover adjustment
Procurement EE Funds	\$ -	0%
Gas PPP Surcharge Funds	\$ 81,769,795	100%
Total Funds	\$ 81,769,795	

[1] Includes SoCalREN budget of \$4,337,000, as approved in D.14-10-046. Amount differs from what SoCalGas is using as revenue requirement documented in Table 2.1a-b.

Unspent/Uncommitted Carryover Funds (in positive \$ amounts)

Total Unspent/Uncommitted Funds	Electric PGC	Electric Procurement	Total Electric	Gas	Total
2013-2014	\$ -	\$ -	\$ -	\$ -	-
2010-2012	\$ -	\$ -	\$ -	1,800,000	1,800,000
Total pre-2010 (2009, 2006-2008, 1998-2005)	\$ -	\$ -	\$ -	\$ -	-
Total Pre-2015	\$ -	\$ -	\$ -	1,800,000	\$ 1,800,000

EM&V Unspent/Uncommitted Funds	Electric PGC	Electric Procurement	Electric	Gas	Total
2013-2014	\$ -	\$ -	\$ -	\$ -	-
2010-2012	\$ -	\$ -	\$ -	\$ -	-
Total pre-2010 (2009, 2006-2008, 1998-2005)	\$ -	\$ -	\$ -	\$ -	-
Total Pre-2015	\$ -	\$ -	\$ -	\$ -	-

Program Unspent/Uncommitted Funds	Electric PGC	Electric Procurement	Electric	Gas	Total
2013-2014	\$ -	\$ -	\$ -	\$ -	-
2010-2012	\$ -	\$ -	\$ -	1,800,000	1,800,000
Total pre-2010 (2009, 2006-2008, 1998-2005)	\$ -	\$ -	\$ -	\$ -	-
Total Pre-2015	\$ -	\$ -	\$ -	1,800,000	\$ 1,800,000

Appendix D

Advice No. 4725

Cost-Effectiveness E3 Calculators

Program Summary	Nominal	Present Value
Proposer Name	SoCalGas	
Program Name	SCG 2015 Portfolio Roll-Up	
Total Program Budget (\$)	\$ 94,427,783	\$ 93,049,396
Net Participant Cost (\$)		\$ 51,810,349

Avoided Cost Version
8/4/2011
2/17/2012
Base Year
2013
SoCal 2013 v1c4-Draft.xls

Program Impacts							
	Wtd Annual Net kWh	Lifecycle Net kWh	Wtd Annual Net Therms	Lifecycle Net Therms	Wtd Net Jul-Sept Pk (kW)	Wtd Net Dec-Feb Pk (kW)	Wtd User Entered kW
2013	4,380,897	59,340,975	18,052,221	271,662,568	1,772	872	0
2014	-	-	-	-	-	-	-
2013-2014	4,380,897	59,340,975	18,052,221	271,662,568	1,772	872	0

Cost Effectiveness (Lifecycle Present Value Dollars)							
	Cost	Benefits			Benefit - Cost		Notes
		Electric	Gas	Incentives	NPV	B/C Ratio	
Program TRC (\$)	\$ 144,859,745	\$9,596,179	\$173,846,507	NA	\$38,582,942	1.27	*1
Program PAC (\$)	\$ 93,049,396	\$9,596,179	\$173,846,507	NA	\$90,393,291	1.97	*1,2
Program RIM (\$)	\$ 323,457,481	\$9,596,179	\$173,846,507	NA	(\$140,014,794)	0.57	*1

*1 B/C Ratio is an approximation because any supply cost increases are treated as negative benefits rather than as a cost as in the Standard Practice Manual
*2 PAC benefits include environmental costs. This is to be consistent with the TRC benefits, but is not strictly consistent with the Standard Practice Manual.

Levelized Cost and Benefit (All Measures Installed through 2023)						
	Discounted Savings		Benefit - Cost			
	kWh	Therms	Cost	Benefits	NPV	
TRC (\$/kWh)	37,029,979		\$ 0.2963	\$ 0.2591	\$ (0.0371)	
PAC (\$/kWh)	37,029,979		\$ 0.1692	\$ 0.2591	\$ 0.0900	
RIM (\$/kWh)	37,029,979		\$ 0.4569	\$ 0.2591	\$ (0.1978)	
TRC (\$/therm)		160,461,642	\$ 0.83	\$ 1.08	\$ 0.2521	
PAC (\$/therm)		160,461,642	\$ 0.54	\$ 1.08	\$ 0.5438	
RIM (\$/therm)		160,461,642	\$ 1.91	\$ 1.08	\$ (0.8269)	

Wtd Avg Emissions Reductions						
Annual Reductions	Electric Reductions			Gas Reductions		
	CO2 (tons)	NOX (lbs)	PM-10 (lbs)	CO2 (tons)	NOX (lbs)	
2013	0	0	0	12	24	* annual reductions are the units implemented in the year, times the annual emission reduction for the measure, weighted for dual baseline.
2014	-	-	-	-	-	
2015	3,702	944	483	105,605	203,996	
2016	-	-	-	-	-	
2017	-	-	-	-	-	
2018	-	-	-	-	-	
2019	-	-	-	-	-	
2020	-	-	-	-	-	
2021	-	-	-	-	-	
2022	-	-	-	-	-	
2023	-	-	-	-	-	
Total Annual	3,703	944	483	105,618	204,020	
Lifecycle Reductions						
2013	2	1	0	166	336	
2014	-	-	-	-	-	
2015	46,936	12,023	6,113	1,589,226	3,044,162	
2016	-	-	-	-	-	
2017	-	-	-	-	-	
2018	-	-	-	-	-	
2019	-	-	-	-	-	
2020	-	-	-	-	-	
2021	-	-	-	-	-	
2022	-	-	-	-	-	
2023	-	-	-	-	-	
Total Lifecycle	46,938	12,024	6,113	1,589,392	3,044,498	

Reductions based on total annual installations								
	Annual Wtd Avg Net kWh	Lifecycle Net kWh	Annual Wtd Avg Net Therms	Lifecycle Net Therms	Net July-Sept Wtd Avg Peak ** (kW)	Net Wtd Avg Dec-Feb ** (kW)	Wtd Avg User Entered kW	Net Annual NCP (kW)
2013	4,380,897	59,340,975	18,052,221	271,662,568	1,772	872	0	#REF!
2014	-	-	-	-	-	-	-	#VALUE!
2015	-	-	-	-	-	-	2,556	#REF!
2016	-	-	-	-	-	-	-	#REF!
2017	-	-	-	-	-	-	-	#REF!
2018	-	-	-	-	-	-	-	#REF!
2019	-	-	-	-	-	-	-	#REF!
2020	-	-	-	-	-	-	-	#REF!
2021	-	-	-	-	-	-	-	#REF!
2022	-	-	-	-	-	-	-	#REF!
2023	-	-	-	-	-	-	-	#REF!
Total	4,380,897	59,340,975	18,052,221	271,662,568	1,772	872	2,556	#REF!

Monthly Impacts

First Year for Impact Table: **2013** *These values are only approximations if there are dual baseline measures in the program*

	Quarter	Monthly Five Hour Avg or TOU Peak	Net Monthly NCP (kW)	Monthly Net kWh	Monthly Net Therms
January-13	-7	#REF!	#REF!	#REF!	#REF!
February-13	-7	#REF!	#REF!	#REF!	#REF!
March-13	-7	#REF!	#REF!	#REF!	#REF!
April-13	-6	#REF!	#REF!	#REF!	#REF!
May-13	-6	#REF!	#REF!	#REF!	#REF!
June-13	-6	#REF!	#REF!	#REF!	#REF!
July-13	-5	#REF!	#REF!	#REF!	#REF!
August-13	-5	#REF!	#REF!	#REF!	#REF!
September-13	-5	#REF!	#REF!	#REF!	#REF!
October-13	-4	#REF!	#REF!	#REF!	#REF!
November-13	-4	#REF!	#REF!	#REF!	#REF!
December-13	-4	#REF!	#REF!	#REF!	#REF!
January-14	-3	#VALUE!	#VALUE!	#VALUE!	#VALUE!
February-14	-3	#VALUE!	#VALUE!	#VALUE!	#VALUE!
March-14	-3	#VALUE!	#VALUE!	#VALUE!	#VALUE!
April-14	-2	43	213	36,048	370,806
May-14	-2	51	216	37,571	370,806
June-14	-2	59	306	58,438	370,806
July-14	-1	333	532	100,611	370,806
August-14	-1	257	477	103,631	370,806
September-14	-1	251	661	87,751	370,806
October-14	0	-	-	-	-
November-14	0	-	-	-	-
December-14	0	-	-	-	-
January-15	1	-	-	-	-
February-15	1	-	-	-	-
March-15	1	-	-	-	-
April-15	2	203	451	125,222	277,672
May-15	2	193	485	127,058	277,672
June-15	2	216	655	148,666	277,672
July-15	3	1,007	1,928	368,745	555,344
August-15	3	844	2,130	406,347	555,344
September-15	3	807	3,045	361,201	555,344
October-15	4	903	1,716	459,715	1,423,512
November-15	4	619	1,165	367,492	1,423,512
December-15	4	613	1,013	371,057	1,423,512
January-16	5	874	1,451	502,740	1,898,016
February-16	5	926	1,495	465,456	1,898,016
March-16	5	921	1,453	496,489	1,898,016
April-16	6	812	1,805	500,890	1,110,688
May-16	6	770	1,942	508,234	1,110,688
June-16	6	863	2,622	594,666	1,110,688
July-16	7	2,015	3,856	737,490	1,110,688
August-16	7	1,688	4,261	812,694	1,110,688
September-16	7	1,614	6,091	722,403	1,110,688
October-16	8	1,204	2,289	612,953	1,898,016
November-16	8	826	1,553	489,989	1,898,016
December-16	8	817	1,351	494,743	1,898,016
January-17	9	874	1,451	502,740	1,898,016
February-17	9	926	1,495	465,456	1,898,016
March-17	9	921	1,453	496,489	1,898,016
April-17	10	812	1,805	500,890	1,110,688
May-17	10	770	1,942	508,234	1,110,688
June-17	10	863	2,622	594,666	1,110,688
July-17	11	2,015	3,856	737,490	1,110,688
August-17	11	1,688	4,261	812,694	1,110,688
September-17	11	1,614	6,091	722,403	1,110,688
October-17	12	1,204	2,289	612,953	1,898,016
November-17	12	826	1,553	489,989	1,898,016
December-17	12	817	1,351	494,743	1,898,016
January-18	13	874	1,451	502,740	1,898,016
February-18	13	926	1,495	465,456	1,898,016
March-18	13	921	1,453	496,489	1,898,016
April-18	14	812	1,805	500,890	1,110,688

May-18	14	770	1,942	508,234	1,110,688
June-18	14	863	2,622	594,666	1,110,688
July-18	15	2,015	3,856	737,490	1,110,688
August-18	15	1,688	4,261	812,694	1,110,688
September-18	15	1,614	6,091	722,403	1,110,688
October-18	16	1,204	2,289	612,953	1,898,016
November-18	16	826	1,553	489,989	1,898,016
December-18	16	817	1,351	494,743	1,898,016
January-19	17	874	1,451	502,740	1,898,016
February-19	17	926	1,495	465,456	1,898,016
March-19	17	921	1,453	496,489	1,898,016
April-19	18	812	1,805	500,890	1,110,688
May-19	18	770	1,942	508,234	1,110,688
June-19	18	863	2,622	594,666	1,110,688
July-19	19	2,015	3,856	737,490	1,110,688
August-19	19	1,688	4,261	812,694	1,110,688
September-19	19	1,614	6,091	722,403	1,110,688
October-19	20	1,204	2,289	612,953	1,898,016
November-19	20	826	1,553	489,989	1,898,016
December-19	20	817	1,351	494,743	1,898,016
January-20	21	874	1,451	502,740	1,898,016
February-20	21	926	1,495	465,456	1,898,016
March-20	21	921	1,453	496,489	1,898,016
April-20	22	811	1,801	500,092	1,110,525
May-20	22	767	1,937	507,223	1,110,525
June-20	22	862	2,617	593,498	1,110,525
July-20	23	2,006	3,846	734,701	1,110,363
August-20	23	1,680	4,250	809,749	1,110,363
September-20	23	1,607	6,080	719,806	1,110,363
October-20	24	1,202	2,274	609,662	1,875,217
November-20	24	822	1,542	487,921	1,875,217
December-20	24	814	1,344	493,127	1,875,217
January-21	25	869	1,440	500,386	1,867,618
February-21	25	921	1,482	463,028	1,867,618
March-21	25	918	1,440	493,670	1,867,618
April-21	26	807	1,790	497,700	1,085,275
May-21	26	757	1,924	504,192	1,085,275
June-21	26	858	2,603	589,993	1,085,275
July-21	27	1,998	3,836	731,911	1,060,513
August-21	27	1,671	4,239	806,805	1,060,513
September-21	27	1,600	6,070	717,210	1,060,513
October-21	28	1,201	2,269	608,565	1,768,694
November-21	28	820	1,539	487,231	1,768,694
December-21	28	813	1,341	492,588	1,768,694
January-22	29	869	1,440	500,386	1,735,720
February-22	29	921	1,482	463,028	1,735,720
March-22	29	918	1,440	493,670	1,735,720
April-22	30	807	1,790	497,700	1,010,989
May-22	30	757	1,924	504,192	1,010,989
June-22	30	858	2,603	589,993	1,010,989
July-22	31	1,998	3,836	731,911	1,010,989
August-22	31	1,671	4,239	806,805	1,010,989
September-22	31	1,600	6,070	717,210	1,010,989
October-22	32	1,201	2,269	608,565	1,735,720
November-22	32	820	1,539	487,231	1,735,720
December-22	32	813	1,341	492,588	1,735,720
January-23	33	869	1,440	500,386	1,735,720
February-23	33	921	1,482	463,028	1,735,720
March-23	33	918	1,440	493,670	1,735,720
April-23	34	807	1,790	497,700	1,010,989
May-23	34	757	1,924	504,192	1,010,989
June-23	34	858	2,603	589,993	1,010,989
July-23	35	1,998	3,836	731,911	1,010,989
August-23	35	1,671	4,239	806,805	1,010,989
September-23	35	1,600	6,070	717,210	1,010,989
October-23	36	1,201	2,269	608,565	1,735,720
November-23	36	820	1,539	487,231	1,735,720
December-23	36	813	1,341	492,588	1,735,720

Program Impacts (Gross)					
	Wtd Annual Gross kWh	Lifecycle Gross kWh	Wtd Annual Gross Therms	Lifecycle Gross Therms	Wtd User Entered kW
2013	6,332,026	83,643,323	35,489,335	538,855,932	0
2014	-	-	-	-	-
2013-2014	6,332,026	83,643,323	35,489,335	538,855,932	0

Wtd Avg Emissions Reductions (Gross)					
Annual Reductions	Electric Reductions			Gas Reductions	
	CO2 (tons)	NOX (lbs)	PM-10 (lbs)	CO2 (tons)	NOX (lbs)
2013	0	0	0	20	41
2014	-	-	-	-	-
2015	5,478	1,393	715	207,613	392,369
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
<i>Total Annual</i>	5,478	1,393	715	207,633	392,410
Lifecycle Reductions					
2013	2	1	0	280	575
2014	-	-	-	-	-
2015	68,016	17,369	8,865	3,152,307	5,908,694
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
<i>Total Lifecycle</i>	68,018	17,370	8,866	3,152,587	5,909,269

* annual reductions are the units implemented in the year, times the annual emission reduction for the measure, weighted for split baseline performance

Wtd Avg Reductions based on total annual installations (Gross)					
	Wtd Avg Annual Gross kWh	Wtd Avg Lifecycle Gross kWh	Wtd Avg Annual Gross Therms	Wtd Avg Lifecycle Gross Therms	Wtd Avg User Entered kW
2013	6,332,026	83,643,323	35,489,335	538,855,932	0
2014	-	-	-	-	-
2015	-	-	-	-	3,552
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2019	-	-	-	-	-
2020	-	-	-	-	-
2021	-	-	-	-	-
2022	-	-	-	-	-
2023	-	-	-	-	-
Total	6,332,026	83,643,323	35,489,335	538,855,932	3,552

Gross Savings for Goal Attainment - kWh						
	1st Year Annual Savings	Decay of single or first baseline	2nd Baseline Savings	2nd Baseline Decay	Total Cumulative	Net Annual Savings
	kWh	kWh	kWh	kWh	kWh	kWh
2013	6,332,026		#REF!	#REF!	#REF!	#REF!
2014	#REF!	186050.1492	-	-	#REF!	#REF!
2015	6,332,026	0	-	-	6,332,026	#REF!
2016	6,332,026	0	-	-	6,332,026	-
2017	6,332,026	0	-	-	6,332,026	-
2018	6,332,026	0	-	-	6,332,026	-
2019	6,332,026	0	-	-	6,332,026	-
2020	6,332,026	-55719.2125	-	-	6,276,307	(55,719)
2021	6,332,026	-89150.74	-	-	6,242,875	(33,432)
2022	6,332,026	-89150.74	-	-	6,242,875	-

Gross Savings for Goal Attainment - kW						
	1st Year Annual Savings	Decay or single or first baseline	2nd Baseline Savings	2nd Baseline Decay	Total Cumulative	Net Annual Savings
	kW	kW	kW	kW	kW	kW
2013	3,552		#REF!	#REF!	#REF!	#REF!
2014	#REF!	99.71295334	-	-	#REF!	#REF!
2015	3,552	0	-	-	3,552	#REF!
2016	3,552	0	-	-	3,552	-
2017	3,552	0	-	-	3,552	-
2018	3,552	0	-	-	3,552	-
2019	3,552	0	-	-	3,552	-
2020	3,552	0	-	-	3,552	-
2021	3,552	0	-	-	3,552	-
2022	3,552	0	-	-	3,552	-

Gross Savings for Goal Attainment - Therms						
	1st Year Annual Savings	Decay of single or first baseline	2nd Baseline Savings	2nd Baseline Decay	Total Cumulative	Net Annual Savings
	Therms	Therms	Therms	Therms	Therms	Therms
2013	35,489,335		#REF!	#REF!	#REF!	#REF!
2014	#REF!	1970249.708	-	-	#REF!	#REF!
2015	35,489,335	0	-	-	35,489,335	#REF!
2016	35,489,335	0	-	-	35,489,335	-
2017	35,489,335	0	-	-	35,489,335	-
2018	35,489,335	0	-	-	35,489,335	-
2019	35,489,335	0	-	-	35,489,335	-
2020	35,489,335	-213894.71	-	-	35,275,440	(213,895)
2021	35,489,335	-1832933.669	-	-	33,656,401	(1,619,039)
2022	35,489,335	-2727354.949	-	-	32,761,980	(894,421)

Appendix E

Advice No. 4725

SaveGas Program Implementation Plan

**2013-2014 Energy Efficiency Programs
SaveGas Hot Water Control with Continuous Commissioning
Program Implementation Plan**

- 1. Program Name:** SaveGas Hot Water Control with Continuous Commissioning
Program ID: SCG3766
Program Type: Third-Party Program

2. Projected Program Budget Table

Table 1: Total Projected Program Budget by Category

Program #	Main/Sub Program Name	Administrative Amount	Marketing Amount	Direct Implementation Amount	Incentive Amount	Total Program Budget Amount
	SoCalGas Third Party Programs					
3766	3P-SaveGas	\$0	\$0	\$594,168	\$385,833	\$980,001
3766u	3P-SaveGas (Utility)	\$17,806	\$7,661	\$41,864	\$0	\$67,331
	TOTAL:	\$17,806	\$7,661	\$636,032	\$385,833	\$1,047,332

Note: SCG continues to negotiate the final contract with the third party vendor. As a result of final contract negotiations, the budget allocation into the budget subcategories may vary.

3. Projected Program Gross Impacts Table

Table 2: Total Projected Program Savings by Subprogram

Program #	Main/Sub Program Name	2013-2014 Gross kW Savings	2013-2014 Gross kWh Savings	2013-2014 Gross Therm Savings
3766	3P-SaveGas	0	0	515,255
	TOTAL:	0	0	515,255

Note: The therm savings are estimated based on contract negotiations with the third party vendor. The projected savings may change as a result of final contract negotiations.

4. Program Description

a) Describe program

This program addresses gas savings in SoCalGas's service territory by implementing domestic hot water (DHW) control systems in hotels, motels, resorts and senior care facilities plus other associated hot water end uses. (e.g. on-site kitchen and laundry facilities). A typical equipment arrangement consists of a hot-water storage tank, a hot-water boiler which includes a circulation pump, a loop or network of piping to supply the heated domestic hot water to the facilities guest rooms / dwelling units, and a recirculation pump on the return line from the piping loop.

Almost every DHW system has deficiencies and system malfunctions which result in excess use of natural gas for water heating. Wasted energy from water heating can be as high as 119 therms per hotel room.

The controller will help identify existing system malfunctions as well as system malfunctions occurring during the life of the controller. The programmable setback feature has demonstrated to save additional therms per hotel room annually.

The Program will implement three process improvement components:

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- Sensors and Data loggers – The maximum thermostat set point of DHW systems in hotels and motels is usually set too high because of system inefficiencies and malfunctions. Such system inefficiencies and malfunctions are frequently identified only after the installation of a variety of sensors and a data logger. The data can be retrieved remotely or on-site. Once the inefficiencies and malfunctions are identified and corrected, the maximum thermostat set point can be reduced. The DHW system will still provide the minimum required hot water temperature to the rooms, but with significant energy savings.
- Set-Back DHW Thermostat Controller – This energy savings measure is to install a programmable set-back temperature controller on the DHW system. A programmable set-back controller saves energy by lowering the DHW thermostat setting during times of low DHW usage. The controller can be programmed remotely or on-site.
- Continuous Commissioning[®] – By using continuous commissioning of energy consumption and system parameters long-term energy savings will be maintained. Without continuous commissioning taking place, new system problems can continue for months without being detected and repaired. Continuous commissioning is an essential part of the long-term gas savings from DHW thermostat controllers.

Targeted market penetration levels will be achieved through specific elements:

- Increased customer awareness about existing energy use and practices;
- Increased understanding of technical options and financial impacts related to energy efficiency building improvement strategies, and
- Increased comprehensiveness of projects implemented due to the unbiased and vendor-neutral information on the best operating practices and equipment upgrades

The SaveGas Hot Water Control program is 100% complimentary to other programs. As far as delivery and implementation, all efforts are conducted directly by Program personnel without the use of subcontractors.

Customers will participate in a web-based interactive presentation which uses as an example technology on similar facilities to those installed (size and plumbing configuration). During this presentation the customers learn how they will be able to validate the ongoing savings and how to use the system as a management tool allowing proactive monitoring and verification.

Facility Pre-installation Analysis/Audit

After the customer provides a list of properties, technicians perform an onsite survey of the hot water systems looking for existing issues (e.g., system layout, applicability and proper installation and operation of the existing equipment). A general analysis of the property is completed including gas consumption history, and general building layout. The information is captured and logged online.

Proposal

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Based on the pre-installation analysis, a proposal is generated for the property. The proposal states the minimum savings that will be achieved, the ongoing economic value, return on monthly investment, net savings, payback period, etc. The customer is informed that the Contractor equipment will be installed at no cost to the customer. However, the customer is then provided the option to enroll in the continuous monitoring service at a cost of \$1.00 per room. This service includes data analysis/tracking, consulting and control maintenance and updates; however, the customer is not required to purchase this service in order to install the controllers.

Installation of Equipment

After the contract has been authorized, installation of the equipment takes place. Installation includes the Contractor's DHW controllers, Contractor's computer(s) and Contractor's proprietary communication network. All of the equipment, installation and configuration settings are logged online. At this point in the process the controls are set up just to monitor and establish a baseline/benchmark of the customer's facility.

On-site training takes place in which the installation technician provides an overview of how the technology works, how to bypass the computer in case of an emergency and how to go online for systems analysis. Additionally property contact information is captured so that the system can notify the appropriate onsite personnel should a hot water issue be detected.

Commissioning the Contractor's Control Systems

Once a period of baseline operation has been established and recorded (approximately two weeks), the system is commissioned for operation. This entails switching the Contractor's computers into control mode and adjusting delivery temperatures to provide optimal operation for the facilities equipment.

Contractor's administrative personnel conduct formal training for the property and management. During this training the SaveGas website is configured so that customers can go online and view their data, analyze their site and set themselves up to receive alerts for hot water issues.

Ongoing Savings, Monitoring and Verification

The controllers provide ongoing savings and the monitoring and verification tools track the overall system performance and savings looking for deviations that might interrupt or impede the savings or system efficiency.

Record Retention Procedures

Records include customer contract data, installation information, the data acquired during baseline/benchmarking periods as well as data acquired and system malfunctions identified and repaired over the life of the installation.

The Program's technology provides proven savings with constantly verifiable data that the technology is in place and operational. This capability is the latest trend in energy conservation, and having a third party utility program directly validates the technology and economics.

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b) List measures

The Program will implement specialized technology that includes three process improvement components: Sensors/Data loggers, Set-Back DHW Thermostat Controller and Continuous Commissioning.

Measure	Incentives (per unit)
DHW - res	\$28.74
DHW - com	\$28.74
DHW - com laundry	\$1,500

c) List non-incentive customer services

The Program will also provide continuous commissioning service, customer education, data analysis/tracking, consulting and control maintenance and updates.

5. Program Rationale and Expected Outcome

a) Quantitative Baseline and Market Transformation Information

This section is not applicable.

b) Market Transformation Information

This section is not applicable.

c) Program Design to Overcome Barriers

Customers are often unaware that their water heater systems are malfunctioning. In addition, there is often customer resistance to install new technologies due to dissatisfaction with previously installed technologies that failed or resulted in operational issues.

This program will implement a hot water controller with a programmable setback feature to help identify existing and future system malfunctions and control gas consumption.

To overcome resistance to new technologies, the Program will not target individual property owners but rather will target those who own and manage portfolios of properties as “assets”. In typical installations, the program will retrofit all of the hot water systems where the technology is applicable, corporate wide. This allows participants to manage the hot water systems, and thus achieve consistent savings within the entire portfolio of properties. This is accomplished from a central or remote location via an asset manager who is incented to grow asset value (savings).

In addition, Contractor will offer a continuous commissioning service which consists of automated monitoring and analysis of the DHW system performance at all time, along with prompt notification of system malfunctions to the owner/operator of the facilities. This will help encourage continuing awareness of system performance and help increase customer acceptance of the new technology.

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Barrier	Solution
Lack of consumer information about energy efficiency benefits	Continue to educate target market on benefits of DHW technology for long-term energy savings
Lack of financing for energy efficiency improvements	Technology installation cost is incurred by program – no first cost for customer
Lack of a viable and competitive set of providers of energy efficiency services in the market	This specific technology is unique and as such EDC is the only provider. Continue to aggressively market the product to target market
OTHER BARRIERS	
The models developed for assessing usage are often confusing to financiers & managers. Need to be expressed in plain English,	This program provides a comprehensive baseline test period that culminates in a thorough energy analysis. A report is provided to the customer and explained in detail so the customer can understand the importance of the controller system

d) Quantitative Program Targets

Table 3

Program Name	Program Target by 2013	Program Target by 2014
SaveGas Hot Water Control with Continuous Commissioning # of Properties	10,000 rooms/ approximately 100 properties	10,000 rooms/ approximately 100 properties
SaveGas Hot Water Control with Continuous Commissioning # of Laundry / Kitchens	30	30

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e) Advancing Strategic Plan goals and objectives

This Program supports the Strategic Plan in the following manner:

Description	Strategic Plan Sector	Strategic Plan Goal	Strategic Plan Strategy
Program is participating directly in the CEC-PIER program and technology is being utilized directly for establishing Title 20 and Title 24 guidelines.	Residential	Deliver Zero Net Energy New Homes By 2020.	1-1: Drive continual advances in technologies in the building envelope, including building materials and systems, construction methods, distributed generation, and building design.
On site training takes place in which the installation technician provides an overview of how the technology works, how to bypass the computer in case of an emergency and how to go online for systems analysis	Workforce Education & Strategy	Establish energy efficiency education and training at all levels of California's educational system.	1-3: Incorporate energy efficiency and demand side energy management into traditional contractor and technician training, such as for plumbers and electricians, and expand training resources to produce target numbers of trained workers.
Direct program involvement of the technology's manufacturer helps lead to increased development and utilization of energy-efficient products and services and implement activities that create favorable conditions for EE technology investment and development.	Research & Technology	Create demand pull and set the research agenda to pursue both incremental and game changing energy efficiency technology innovations.	1-2: Leverage private industry and Federally funded technology research and investment
Through program, Contractor works collaboratively with the R&D community and utilities to promote cost-effective performance enhancements.	Research & Technology	Conduct targeted emerging technologies R&D to support the Big, Bold Energy Efficiency Strategies/Programmatic Initiatives and integrated energy solutions goals.	2-2: Promote cost-effective near term performance enhancements of existing technologies
Through statewide collaborations and active participation in the CEC's PIER program, Contractor through this program expands activities that support Big Bold initiatives.	Research & Technology	Conduct targeted emerging technologies R&D to support the Big, Bold Energy Efficiency Strategies/Programmatic Initiatives and integrated energy solutions goals.	2-3: Develop initiatives aimed at PIER to support larger gains in support of Big Bold Initiatives.

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6. Program Implementation

a) Statewide IOU Coordination

- i.** Program name
- ii.** Program delivery mechanisms
- iii.** Incentive levels
- iv.** Marketing and outreach plans, e.g. research, target audience, collateral, delivery mechanisms.
- v.** IOU program interactions with CEC, ARB, Air Quality Management Districts, local government programs, other government programs as applicable
- vi.** Similar IOU and POU programs

This third-party program only operates within SoCalGas's service area. The Program is designed to support and complement SoCalGas's core program activities. If this Program shares common elements with the IOU's core programs, other third-party programs, or programs in other IOU service areas, SoCalGas and the Contractor will strive to coordinate the similar activities.

b) Program delivery and coordination

- i.** Emerging Technologies program
This is not applicable to this program.
- ii.** Codes and Standards program
This is not applicable to this program.
- iii.** WE&T efforts
On-site training takes place in which the installation technician provides an overview of how the technology works, how to bypass the computer in case of an emergency and how to go online for systems analysis. Additionally property contact information is captured so that the system can notify the appropriate onsite personnel should a hot water issue be detected.

Contractor's administrative personnel conduct formal training for the property and management. During this training the SaveGas website is configured so that customers can go online and view their data, analyze their site and set themselves up to receive alerts for hot water issues.

- iv.** Program-specific marketing and outreach efforts (provide budget)
- v.** Non-energy activities of program
This is not applicable to this program.
- vi.** Non-IOU Programs
This is not applicable to this program.

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vii. CEC work on PIER
This is not applicable to this program.

viii. CEC work on codes and standards
This is not applicable to this program.

ix. Non-utility market initiatives
This is not applicable to this program.

c) Best Practices

The program design incorporates various best practice elements. Specific items include:

- Program Management - Project Management: Program uses well-qualified engineering staff.
- Program Management - Reporting and Tracking: Through detailed recording of installations and operating parameters, the program has a well-designed program tracking system to support the requirements of evaluators as well as program staff.
- Program Implementation – Marketing and Outreach: The program sells the customer benefits first, then energy efficiency and keeps benefits quantifiable in economic terms.

Lessons learned is that customers are very open and eager to embrace programs that are supported and successful. Most of the installations done under the 2006-2008 program were exploratory in nature (to verify the technology). Now that things have been verified, customers are looking to expand the program.

d) Innovation

Control technologies are not new; however, the Program's user interface is new and innovative. Through the Program's technology, customers are kept 100% aware of the savings they are achieving and any energy waste that may be occurring as a result of hot water system issue, failures, etc. Through this interface, energy conservation is now elevated to become an integral part of daily operations as opposed to a concept or widget that is installed and forgotten.

e) Integrated/coordinated Demand Side Management

The savings data generated from the SaveGas Hot Water Control with Continuous Commissioning program is being directly used by CEC/PIER in a statewide study. Additionally the Program's contractor has been directly consulted as a result of the data, market penetration and experience in helping to craft title 21 and title 24 codes and standards.

When Contractor technicians perform an onsite survey of the hot water systems, they will often encounter additional energy savings opportunities beyond the scope of the Contractor DHW program. The opportunities will be noted and relayed to Contractor's primary contact within the customer organization.

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f) **Integration across resource types (energy, water, air quality, etc):**

This program does not integrate across resource types.

g) **Pilots**

The Kitchen and Laundry components are pilot projects. The environment for Laundry and Kitchens is identical to that of other DHW applications and preliminary data is showing similar savings results.

h) **EM&V**

The utilities are proposing to work with the Energy Division to develop and submit a comprehensive EM&V Plan after the program implementation plans are filed. This will include process evaluations and other program-specific studies within the context of broader utility and Energy Division studies. More detailed plans for process evaluation and other program-specific evaluation efforts cannot be developed until after the final program design is approved by the CPUC and in many cases after program implementation has begun, since plans need to be based on identified program design and implementation issues.

7. Diagram of Program

No specific program diagram for this third party program has been developed. Any program linkages are discussed in Section 6.

8. Program Logic Model

Third party programs are an implementation channel and are included in the appropriate market segment logic models. No specific logic model for a particular third party program has been developed. However, provided below is a diagram of the Program's implementation.

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