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November 22, 2017

Advice No. 5183-A (U 904 G)

Public Utilities Commission of the State of California

<u>Subject</u>: Supplement - Southern California Gas Company Request for Approval of Annual Energy Efficiency Budget Filing for Program Year 2018

Southern California Gas Company (SoCalGas) hereby submits for approval by the California Public Utilities Commission (Commission) its 2018 Energy Efficiency (EE) Program Portfolio budget. The EE Program Portfolio, along with supporting documentation, is incorporated as Appendix A, which have been uploaded to the California Energy Data and Reporting System (CEDARS) website.¹

<u>Purpose</u>

This supplemental filing replaces in its entirety Advice Letter No. (AL) 5183, Southern California Gas Company Request for Approval of Annual Energy Efficiency Budget Filing for Program Year 2018, filed on September 1, 2017. This supplemental filing is pursuant to the Energy Division request to supplement AL 5183 to include the following:²

- New cost-effectiveness showing using Cost Effectiveness Tool (CET) version 18.1, released September 25, 2017 and includes interim greenhouse gas (GHG) adder; and
- 2018 goals as established in D.17-09-025.

¹ https://cedars.sound-data.com.

² On October 30, 2017, the Commission's Energy Division issued a letter (Energy Division Letter) requesting such information.

This supplemental filing also requests an increase to SoCalGas' Energy Efficiency Portfolio Budget for 2018. Following the direction of the Commission³ and Energy Division, SoCalGas designates AL 5183-A as a Tier 3 AL.

Background

On October 24, 2014, the Commission issued Decision (D.) 14-10-046, which authorizes funding for EE programs until 2025.⁴ On October 22, 2015, the Commission issued D.15-10-028, which approved the EE rolling portfolio mechanics for 2016 and beyond, and explained that annual AL filings will propose detailed budgets for cost recovery, transfer, and contracting purposes.⁵

On October 2, 2017, the Commission issued D.17-09-025, which adopted new energy savings goals for ratepayer-funded energy efficiency program portfolios for 2018 and beyond. On September 25, 2017 SoCalGas filed a motion for relief to file an amended Business Plan to seek incremental funding to meet the Commission's increased gas energy efficiency goals.

On October 30, 2017, SoCalGas received a letter from Energy Division, which in addition to requesting this supplemental AL, stated, "In instances where SoCalGas proposes to increase a program budget, it will provide related evidence of whether and how the budget increase will lead to increased savings from that program. D.14-10-046 sets a maximum annual budget and to exceed that budget requires commission approval. A tier 3 advice letter, properly noticed, is an appropriate vehicle to request an increase in the budget limit."

On November 13, 2017, ALJ Fitch issued an e-mail ruling denying SoCalGas' motion to amend its Business Plan. In that ruling, the ALJ also stated, "Finally, in its procedural email requesting an update on timing of ruling on its motion, SoCalGas mentioned direction from Commission staff with respect to supplementing the 2018 budget advice letter filings to reflect the updated energy savings goals. This supplemental advice letter filing may be an avenue for SoCalGas to pursue in the interim prior to further Commission direction with respect to updating the business plans, anticipated in the form of a decision in this proceeding."

³ On November 13, 2017, Administrative Law Judge (ALJ) Julie A. Fitch issued an e-mail ruling finding it reasonable for SoCalGas to file a Tier 3 AL to reflect updated energy savings goals and seek budget changes.

⁴ D.14-10-046, p. 167.

⁵ D.15-10-028, p. 56.

Compliance Items

In compliance with the Budget Filing Appendices 2018 guidance provided by Energy Division,⁶ this AL contains the requested details, as shown in Appendix A, including the following: (1) application summary tables with forecast budgets by sector and program; and (2) incorporation of reductions and/or increases in program or sector budgets.

Appendix A has been uploaded to the CEDARS website and will be made available on http://www.socalgas.com/regulatory/R13-11-005.shtml. Appendix B of this AL provides the CEDARS Filing Confirmation which was printed from the confirmation dashboard upon confirmed completion of the filing through CEDARS.

SoCalGas presents in this supplemental filing a single portfolio and budget which achieves the Commission's 1.25 threshold⁷ for portfolio cost-effectiveness and the 2018 goals as established in D.17-09-025. Given the disproportionate impact of the 2018 goals update for natural gas energy efficiency, SoCalGas believes this approach is the most appropriate to meet the Commission's prospective portfolio requirements and goals set forth. Additionally, this supplemental filing provides comparative cost-effectiveness information, where appropriate, regarding the impact of the interim GHG adder in the avoided cost calculator to SoCalGas' September 1, 2017 filed portfolio and budget.

Program Funding Levels

As was the case for the SoCalGas 2015 program year budget request and approved in D.14-10-046, the 2018 funding request does not include the program budget for the SoCalGas Statewide Marketing, Education & Outreach (ME&O) program, nor the 2018 program budget for the Statewide Financing Pilots. The program year 2018 budgets for these programs were approved in D.16-09-020 and D.13-09-044, respectively. Additionally, D.17-03-026 separated the Statewide Financing Pilots from the EE portfolio.

The Southern California Regional Energy Network (SoCalREN) is submitting its own AL to implement its programs and associated budget.⁸ The SoCalREN budget shown in Table 1 reflects the funds originally authorized under D.14-10-046.

⁶ Amy Reardon, Energy Division: "Updated Budget Filing Appendices 2018," August 2, 2017, E-mail.

⁷ See D.14-10-046 Section 3.9.1 Summary of Budget (pp. 104-109): "The TRC and PAC estimates are to exceed a 1.0 cost-effectiveness threshold for 2015: rather than the 1.25 we usually require, and will require for subsequent years."

⁸ SoCalGas requests that the SoCalREN AL should be used as the source of information to reflect the SoCalREN 2018 energy efficiency portfolio/compliance filing.

Table 1: 2018 EE Portfolio Budgets

Program Area	To	tal Funds
	((\$000,s)
Residential	\$	29,973
Commercial	\$	12,812
Industrial	\$	19,407
Agricultural	\$	3,164
Codes and Standards	\$	843
Financing	\$	2,264
Subtotal Statewide Resource programs	\$	68,463
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
Others	\$ \$	978
Subtotal Statewide Non-Resource programs	\$	5,962
SoCalREN	\$	4,337
Total All Programs	\$	99,984
Evaluation, Measurement, and Verification	\$	4,166
Grand Total	\$	104,150
Notes:		
Minor difference exist by program area due to rounding		
2. Table does not include SW ME&O program funds authorized in D.16-09-020		
3. Table does not include SW Financing Pilots program funds authorized in D.13-09-044		

Updates to SoCalGas' Portfolio Budget

SoCalGas' approved Energy Efficiency Portfolio budget for program years 2017 and prior was \$83.7 million.9 The newly adopted savings goals in D.17-09-025 represents a significant increase to the 2018 energy savings goals for SoCalGas from 13.4 million net therms to 20.27 million net therms in 2018, 10 an increase of 54% compared to the

⁹ As provided in D.15-10-028, SoCalGas' Business Plan budget represents its best estimates of spending for the life of the Business Plan. See D.15-10-028, p. 55.

¹⁰ SoCalGas' net savings goals without Codes & Standards derived from incremental net market potential for the SoCalGas territory in the 2018 Potential Goal Study results viewer, retrieved at ftp://ftp.cpuc.ca.gov/gopher-

projected savings contained in SoCalGas' 2018 portfolio budget, and a total increase of 62% over the life of the Business Plan for program years 2018 through 2025, filed January 17, 2017. As such, SoCalGas requests an increase of \$20.4 million in 2018 to accommodate the increase in energy efficiency activity needed to achieve the incremental potential identified in the newly adopted savings goals. Table 1 above reflects SoCalGas' proposed portfolio budget for program year 2018.

Additional program level budget detail is provided in Appendix A on the CEDARS website.

The changes in SoCalGas' amended budget are specifically made to the following sectors: Residential, Commercial, Industrial, and Evaluation, Measurement, and Verification (EM&V).¹¹

Residential Sector

SoCalGas seeks an increase to the Residential Sector budget of \$10 million in 2018 to support the 1.78 million net therm increase identified in the Energy Efficiency Potential and Goals Study for 2018 and Beyond (2018 Potential Study) when compared to SoCalGas' filed Business Plan. The majority of increase in natural gas savings potential in the residential sector comes from the incorporation of behavior programs. According to the analysis conducted by Navigant in the 2018 Potential Study, this increase in natural gas savings potential will require approximately an additional \$20 million in funding for behavioral programs every year over the life of the Business Plan for program years 2018 through 2025. The analysis did not account for a transition from SoCalGas' current Advanced Meter Infrastructure (AMI) pilot program to a full program in the energy efficiency program portfolio. Currently, behavioral savings are funded through the SoCalGas Advanced Meter project, D.10-04-027, and upon completion of the Advanced Meter project at the end of 2017, SoCalGas will incorporate successful behavioral programs and techniques into the energy efficiency portfolio.

As a result of the learnings from SoCalGas' AMI behavior programs, SoCalGas believes that it can deliver residential behavior programs more cost-effectively than the analysis contained in the 2018 and Beyond Potential Goals and Study. In addition to the funding

data/energy division/EnergyEfficiency/DAWG/2018 PG%20Study%20Results%20Viewer%20F inal%20Public 092517.xlsx. See D.17-09-025 Section 2.1 Realistic, Aggressive Yet Achievable Goals regarding the use of market potential to set post 2017-goals (p. 7).

11 Changes to EM&V are made to meet the Commission requirements set forth in D.14-10-046 which direct 4% of program administrators' budgets be set aside for EM&V.

12 2018 Residential sector savings target of 3.98 million net therms as identified in the total incremental market potential for SoCalGas of the 2018 Potential Goal Study results viewer, retrieved at ftp://ftp.cpuc.ca.gov/gopher-

<u>data/energy division/EnergyEfficiency/DAWG/2018 PG%20Study%20Results%20Viewer%20Final%20Public 092517.xlsx.</u> 2018 Residential sector savings target of 2.80 million net therms. SoCalGas, Energy Efficiency Business Plan, p. 67.

required to implement residential energy efficiency behavior programs, SoCalGas also requests additional funding to achieve non-behavior increases in residential potential. The incremental budget will be used to fund additional energy efficiency appliance rebates as well as implement residential direct install activities targeted at moderate income customers, hard to reach customers, and disadvantaged communities.

Commercial Sector

SoCalGas seeks an increase to the Commercial Sector budget of \$1 million in 2018 to support additional behavioral energy savings potential identified in the 2018 Potential Study. To ensure the commercial sector goals are achieved, the funding will be used to further enhance commercial behavior programs such as the Building Operator Certification which trains and educates commercial building operators about how to save energy by encouraging them to adopt energy-efficient behaviors and make building changes that reduce energy use. SoCalGas' AMI will be a major component of this certification. The commercial behavior activities will be coordinated with Workforce Education & Training.

Industrial Sector

The 2018 Potential Study identified an increase the industrial sector goals by more than 4.1 million net therms when compared to SoCalGas' Business Plan. ¹⁴ In order to achieve this increase in potential, SoCalGas will require an additional \$8.4 million in 2018. The additional industrial sector budget will support an increase in third-party programs for SoCalGas' industrial mining customers in an effort to address the challenges encountered by the mining industry. In addition to supporting the mining industry, the incremental industrial budget will be used to reengage small to medium customers to implement a comprehensive resource acquisition strategy to capture greater energy savings.

data/energy_division/EnergyEfficiency/DAWG/2018_PG%20Study%20Results%20Viewer%20Final%20Public_092517.xlsx.

¹³ 2018 Commercial sector behavioral savings target of 0.50 million net therms as identified in the incremental behavioral potential for SoCalGas of the 2018 Potential Goal Study results viewer, retrieved at ttp://ftp.cpuc.ca.gov/gopher-data/energy division/EnergyEfficiency/DAWG/2018 PG%20Study%20Results%20Viewer%20F

¹⁴ 2018 industrial and mining sector savings target of 9.27 million net therms as identified in the total incremental market potential for SoCalGas of the 2018 Potential Goal Study results viewer, retrieved at ftp://ftp.cpuc.ca.gov/gopher-

<u>data/energy_division/EnergyEfficiency/DAWG/2018_PG%20Study%20Results%20Viewer%20Final%20Public_092517.xlsx</u>. 2018 Industrial sector savings target (which incorporates savings from the mining sector) of 5.15 million net therms. SoCalGas, Energy Efficiency Business Plan, p. 159.

November 22, 2017

<u>SoCalGas Portfolio Energy Savings, Cost-Effectiveness, and Budget</u> Caps/Targets

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

Table 2: 2018 EE Portfolio Energy Savings Goals and Portfolio Cost-Effectiveness¹⁵

With Codes & Standards

	Energy Savings	Cost- Effectiveness		
	Net (Therms)	TRC	PAC	
2018 Budget Filing Forecast	53,392,638	1.87	4.66	
D.17-09-025	46,000,000			
% Forecast of Goal	116%			

Without Codes & Standards

	Energy Savings	Cos	t-
		Effective	eness
	Net (Therms)	TRC	PAC
2018 Budget Filing Forecast	22,603,330	1.37	1.75
D.17-09-025	20,000,000		
% Forecast of Goal	113%		

The SoCalGas Total Resource Cost (TRC) and Program Administrator Cost (PAC) cost-effectiveness results reflect the inclusion of the following inputs:

- Uses the new cost-effectiveness showings in CET version 18.1, released September 25, 2017 and includes the interim GHG adder.
- 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, Ordering Paragraph (OP) 39.¹⁶
- A projected shareholder incentive amount associated with the approved portfolio budget and projected therm savings activity. This assumption conforms to the

¹⁵ Information provided in Table 2 is based on SoCalGas' proposed budget for program year 2018.

¹⁶ 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.

methodology adopted in the Efficiency Savings and Performance Incentive (ESPI) Mechanism in D.13-09-023.

Table 3: 2018 EE Portfolio Budget and Budget Caps/Targets¹⁷

			Budg	<u>gets</u>				
	<u>Admin</u>	Marketing		Direct	<u>Incentives</u>	EM&V]	Total Budget
2018 EE Budget	\$ 9,271,372	\$ 5,755,116	\$	38,376,677	\$ 42,243,408	\$ 4,166,000	\$	99,812,573
GRC Labor Loaders	\$ 5,578,957	\$ 150,700	\$	1,099,653	\$ -	\$ -	\$	6,829,310
OBF Loan Pool							\$	-
New Financing Pilots	\$ 223,132	\$ 238,898	\$	559,211	\$ 776,346		\$	1,797,587
Statewide ME&O		\$ 2,104,539					\$	2,104,539
Total EE Funding							\$	110,544,010
SoCalREN							\$	4,337,000
Total EE Funding w/SoCalREN							\$	114,881,010
Parameter Type	<u>Cap</u>	<u>Target</u>		<u>Target</u>		<u>Budget</u>		
Cap / Target Level	\$ 10,146,564	\$ 5,755,116	\$	28,178,981	\$ 42,243,408	\$ 4,166,000		
Total Budget for Calculation	\$ 110,544,010	\$ 110,544,010	\$	110,544,010	\$ 110,544,010	\$ 104,149,573		
Cap / Target Percent	9%	5%		25%	38%	4%		
Cap / Targets	10%	6%		20%	60%	4%		

Pursuant to OP 13 of D.09-09-047, the Commission determined that administrative costs are limited to 10% of the total authorized energy efficiency budget, and ME&O costs have a budget target of 6% of the adopted portfolio budget. SoCalGas has calculated its portfolio caps and targets for its 2018 portfolio and included them 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 2018 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-E, SoCalGas
 excluded those program costs¹⁸ identified by Energy Division to be exempt from the
 cap and target calculation.¹⁹

¹⁷ Information provided in Table 3 is based on SoCalGas' proposed budget for program year 2018.

¹⁸ Pursuant to Energy Division, programs exempt from Direct Implementation Non-Incentive Budget (DINI) costs target include non-resource programs or subprograms (i.e., Emerging Technologies, Workforce Education and Training, Lighting Market Transformation, local and statewide Integrated Demand Side Management, Continuous Energy Improvement, Strategic Energy Resources, and Ozone Laundry) and other exempt programs (i.e., Codes and

 D.14-10-046, as corrected by D.15-01-002, adopted a SoCalGas EM&V budget of \$4,166,000, which is 4% of the total budget.

SoCalGas will report the status of its budget caps and targets based on actual expenditures in its quarterly reports submitted through the Commission's CEDARS website.

Program Closures

As part of SoCalGas' updated portfolio, SoCalGas plans to close the following programs in 2018, shown in Table 4. These programs have been in the market for two to three years without any significant market penetration. Given the dynamic changes in EE and the lack of market acceptance within each of the programs respective sub segment, these programs are no longer viable.

Table 4: SoCalGas Program Closures for Program Year 2018

Program Number	Main Program Name/Sub- Program Name	Reason for Program Closure
SCG3796	3P-IDEEA365-ODE for Campus Housing	Due to a new Commercial Recirculation Pump Control Workpaper, the savings for this program were significantly reduced, to the point where the program could no longer be delivered in a cost- effective manner.
SCG3797	3P-IDEEA365-Energy Advantage Program for Small Business	The results of the program showed that the program's identification of energy savings were significantly low compared to the program expenditures. The program has delivered below goal results with increasing costs and declining cost-effectiveness for the past two consecutive years, a trend which continued through 2017.
SCG3799	3P-IDEEA365-HBEEP	The scope of the Historic Building Energy Efficiency Program (HBEEP) encompassed the recruitment and enrollment of historic building home owners into energy efficiency rebate

Standards, and Finance programs), and non-resource DINI costs embedded in Government Partnerships.

¹⁹ Disposition Approving PG&E's AL 3356-G/4176-E, at p. 5.

		and incentive programs (e.g., Home Upgrade/Advanced Home Upgrade Programs). As the Home Upgrade/advance Home Upgrade Programs ramp up, the HBEEP program will be incorporated and implemented as part of the Home Upgrade/Advanced Home Upgrade Programs.
SCG3800	3P-IDEEA365-Clear Ice	The program was intended to deliver gas savings from new and existing ice rinks but has not produced any projects since 2015. Since inception, the program has delivered below goal results with increasing costs.

Competitively-Bid Portfolio Programs to Third Party Vendors

SoCalGas' proposed 2018 budget in Table 1 also includes \$34.3 million for competitively-bid third party implemented programs, which includes local third-party EE programs as well as third parties who implement SoCalGas' statewide EE programs. This constitutes 33% of the SoCalGas' total portfolio budget, which exceeds the Commission's current 20% requirement for competitively-bid programs.

September 1, 2017 filing Comparison

The following portfolio energy savings and cost-effectiveness information regarding SoCalGas' September 1, 2017 filing have been provided in Table 5 identifying the impacts of the interim GHG adder in the avoided cost calculator update directed in D.17-08-022. While the portfolio and budget information of the September 1, 2017 filing meets the Commission's TRC threshold of 1.25 without codes and standards, ²⁰ savings achieved are forecasted to be below the updated 2018 goals. This showing is provided for informational purposes only.

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²⁰ Energy Division Letter, p. 1.

Table 5: September 1, 2017 Filing Information on 2018 EE Portfolio Energy Savings Goals and Portfolio Cost-Effectiveness

With Codes & Standards

	Energy Savings	C	ost-
		Effect	iveness
	Net (Therms)	TRC	PAC
2018 Budget Filing Forecast	47,968,816	1.91	5.37
D.17-09-025	46,000,000		
% Forecast of Goal	104%		

Without Codes & Standards

	Energy Savings		ost- iveness
	Net (Therms)	TRC	PAC
2018 Budget Filing Forecast	17,179,508	1.34	1.74
D.17-09-025	20,000,000		
% Forecast of Goal	86%		

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

- Uses the new cost effectiveness showings in CET version 18.1, released September 25, 2017 and includes interim GHG adder.
- A 5% market effects adjustment applied to the portfolio, as directed by D.12-11-015,
 OP 37
- GRC loaders associated with the EE program labor, as directed by D.12-11-015, OP 39.²¹
- 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 ESPI Mechanism in D.13-09-023.

Revenue Requirements

The table below summarizes the revenue requirement impact by class of service. In addition, SoCalGas provides herein as Appendix B the Gas Bill Payer Impacts table comparing present and proposed rates associated with the inclusion of SoCalGas' proposed 2018 budget in its gas transportation rates.

Table 6: Revenue Requirement by Customer Class

1 00000 01 110	TOTAL TROUBLE OF THE INC.	,,	
Customer Class	Applicable Rate	Increase/(Decrease)	1

²¹ 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.

	Schedules	(\$000s)
Core	GR, GS, GM, GO-AC, G-	\$17,157
	NGVR, GL, G-10, G-AC, G-	
	EN, G-NGV	
Non-Core	GT-NC, GT-TLS	\$1,421
Total		\$18,578

Protests

Anyone may protest this AL 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 received within 20 days of the date of this AL, which is December 12, 2017. 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 Attn: Tariff Unit 505 Van Ness Avenue San Francisco, CA 94102

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

Attn: Ray B. Ortiz
Tariff Manager - GT14D6
555 West Fifth Street

Los Angeles, CA 90013-1011 Facsimile No.: (213) 244-4957

E-mail: ROrtiz@SempraUtilities.com

Effective Date

In accordance with the Energy Division letter, this AL is designated as Tier 3 pursuant to General Order (GO) 96-B and, as such, requires a Commission resolution to approve. SoCalGas respectfully requests that this AL be approved by the Commission at the earliest opportunity, and made effective on October 2, 2017, which is 30 days from the date AL 5183 was filed.

Notice

A copy of this AL is being sent to SoCalGas' GO 96-B service list and the Commission's service lists for R.13-11-005 and A.17-01-013, et. al. Address change requests to the GO 96-B service list should be directed by electronic mail to tariffs@socalgas.com or call 213-244-2837. 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.

Ronald van der Leeden 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:	ty type: Contact Person: Ray B. Ortiz					
\square ELC \boxtimes GAS	Phone #: (213) <u>244-3837</u>					
☐ PLC ☐ HEAT ☐ WATER	E-mail: ROrtiz@semprautilities.com					
EXPLANATION OF UTILITY TY	/PE	(Date Filed/ Received Stamp by CPUC)				
ELC = Electric $GAS = Gas$ $PLC = Pipeline$ $HEAT = Heat$ W	/ATER = Water					
Advice Letter (AL) #: 5183-A	•					
`	— California Gas Con	npany Request for Approval of Annual Energy				
Efficiency Budget Filing for Program Y	ear 2018					
Keywords (choose from CPUC listing):	Energy Efficiency					
AL filing type: Monthly Quarterl	y 🗌 Annual 🔀 On	e-Time Other				
If AL filed in compliance with a Commi	ission order, indicat	e relevant Decision/Resolution #:				
D.17-09-025, D.09-09-047						
Does AL replace a withdrawn or rejecte	ed AL? If so, identif	ty the prior AL: No				
Summarize differences between the AL	and the prior with	drawn or rejected AL¹: N/A				
Does AL request confidential treatmen	t? If so, provide exp	lanation: No				
Resolution Required? \square Yes \boxtimes No		Tier Designation: \square 1 \boxtimes 2 \square 3				
Requested effective date: 10/2/17		No. of tariff sheets: 0				
Estimated system annual revenue effect	et: (%): <u>N/A</u>					
Estimated system average rate effect (9	%): <u>N/A</u>					
When rates are affected by AL, include (residential, small commercial, large Co		showing average rate effects on customer classes ting).				
Tariff schedules affected: N/A						
Service affected and changes proposed¹: N/A						
Don ding a design letters that newice the same toniff about a NIA						
Pending advice letters that revise the same tariff sheets: N/A						
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 Southern California Gas Company						
Attention: Tariff Unit		Attention: Ray B. Ortiz				
505 Van Ness Ave.,		55 West 5th Street, GT14D6				
San Francisco, CA 94102		Los Angeles, CA 90013-1011				
EDTariffUnit@cpuc.ca.gov		Cortiz@semprautilities.com				
	<u>1</u>	<u>Cariffs@socalgas.com</u>				

 $^{^{\}mbox{\tiny 1}}$ Discuss in AL if more space is needed.

APPENDIX A

Advice No. 5183-A

Table 2a:	Electric Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class
Table 2b:	Gas Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class
Table 3:	Budget and Cost Recovery by Funding Source
Table 4:	Budget, Spent, Unspent, Carryover Details
Table 5:	Total 2018 Requested and 2013-2017 Authorized Budgets
Table 6:	Committed Energy Efficiency Program Funding Not Yet Spent
Table 7:	2016 Authorized and Spent/Unspent Detail

Table 1: Bill Payer Impacts - Rates by Customer Class

PA Name: Southern California Gas Company

Budget Year: 2018

Table 1: Bill Payer Impacts - Rates by Customer Class

	Electric Average Rate Gas Average Rate Total Average Total Average CRes and Non-Res Bill Savings by Lifecycle Bill Savings Chapter Capter Capter	Gas Average Rate (Res and Non-Res)	Total Average Bill Savings by	se y	Total Average Lifecycle Bill Savings (\$)
Present Rates -					
2013	-	\$ 0.97	0.97 \$ 25,170,200 \$ 254,241,085	00	\$ 254,241,085
2014	- \$	\$ 1.16 \$		18	31,505,918 \$ 338,528,091
2015		\$ 1.16 \$		71	29,661,771 \$ 187,282,582
2016	- -	\$ 1.10 \$		§ 99	39,684,666 \$ 187,073,863
2017	ı ∽	\$ 1.10 \$		15 \$	41,798,315 \$ 342,082,144
2018	- \$	\$ 1.16	1.16 \$ 75,659,548 \$ 487,708,103	48	\$ 487,708,103

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

[2] Total Average Bill Savings by Year includes C&S and ESA Programs.

[3] Total Average Lifecycle Bill Savings does not include C&S and ESA programs.

[4] Total Average Lifecycle Bill Savings does not include C&S programs for 2016.

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

[6] Forecasted savings for 2013-2015 savings are taken from the 2015 energy efficiency annual report.

[7] Forecasted savings for 2016 savings are taken from the 2016 energy efficiency annual report.

Table 2a: Electric Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class

2 10/	COUVO V	0 00000) CFUCU U	2CF000	00000	21 50%	2706	3337	VV2 7	42100	Non Cons Commonwiel/Industrial
13.0%	98800:0	0.04117 8	\$ 0.06834	\$ 0.05073	\$ 0.07518	21.5%	\$ 1,036	\$ 852	\$ 851	\$ 1,261	Gas Engine
16.3%	0.01778	0.08260 \$	\$ 0.10906	\$ 0.07720	\$ 0.10142	21.5%	\$ 77	\$ 64	\$ 64	\$ 84	Gas Air Conditioning
13.2%	0.00943	3 0.04388 8	\$ 0.07134	\$ 0.04554	\$ 0.07127	21.5%	\$ 53,888	\$ 44,345	\$ 44,276	\$ 69,289	Core Commercial/Industrial
3.0%	0.00300	s 0.01491 S	\$ 0.09842	\$ 0.01542	\$ 0.09955	21.5%	\$ 41,183	\$ 33,890	\$ 33,837	\$ 218,385	Residential
Percentage Change In Gas Revenue and Rates	Average Rate Change \$/Therm	Rate \$/Therm	Average Rate \$/Therm	Rate \$/Therm	2016 Gas Average Rate \$\text{STherm}	Percentage Change In Gas Revenue and Rates	Revenue Change \$000	Annual Revenue \$000	Annual Revenue \$000	Revenue \$000	Customer Classes
2018 Proposed	2018 Proposed Gas	2017 Energy Efficiency Portion of Gas Average	2017 Gas	2016 Energy Efficiency Portion of Gas Average		2018 Proposed	2018 Proposed Energy Efficiency Gas Annual	2016 Energy Efficiency 2017 Energy Efficiency Portion of Total Gas	2016 Total Gas Annual Portion of Total Gas	2016 Total Gas Annual	
							Class	gy Efficiency, by Customer	and Rates, Total and Ener	ent and Proposed Revenues	Table 2b: Gas Bill Payer Impacts - Current and Proposed Revenues and Rates, Total and Energy Efficiency, by Customer Class
Rates	\$/kwh	\$/kwh	\$/kwh	S/kwh	S/kwh	Rates	8000	8000	8000	8000	Customer Classes
Electric Revenue and	Average Rate Change	Average Rate	Average Rate	Average Rate	Rate	Electric Revenue and	Annual Revenue Change Electric Revenue and	Annual Revenue	Annual Revenue	Annual Revenue	
Percentage Change In	2018 Proposed Electric Percentage Change In	Portion of Electric	2017 Electric	Portion of Electric	2016 Electric Average	Percentage Change In	Efficiency Electric	Portion of Total Electric	Portion of Total Electric Portion of Total Electric	2016 Total Electric	
2018 Proposed		2017 Energy Efficiency		2016 Energy Efficiency		2018 Proposed	2018 Proposed Energy	2016 Energy Efficiency 2017 Energy Efficiency	2016 Energy Efficiency		

[1] Proposed Change in Annual Revenue for Energy Efficiency programs as compared to current Energy Efficiency. Revenue by customer class. Represents the dauge in the annuals collected through the Public Purpose Program Suchtarge for Energy Efficiency.

[3] Proposed Change in the Energy Efficiency Component of the Public Purpose Program Surcharge by customer class.

[4] Represents the "s, change in the Energy Efficiency component of the Public Purpose Program Surcharge by ustsomer class.

[5] Proposed revenue and rate changes compare to teal revenues and mare efficiency are efficiency compare to teal revenues and mare efficiency and "1, 2017.

[6] Values shown associated with proposed 2018 SeCodios Eff budget to be collected in rates only. Does not include statewide ME&O budget.

PA Name: Southern California Gas Company

Budget Year: 2018

Table 3: Budget and Cost Recovery by Funding Source

	2018
2018 EE Portfolio Budget	\$ 104,149,573
Unspent/Uncommitted EM&V Carry over Funds from 2016	\$ -
Unspent/Uncommitted Program Carry over Funds from 2016	\$ -
Total Funding Request for 2018 EE Portfolio	\$ 104,149,573

Budget by Funding Source

2018 Authorized (Before Carryover)	2018 Budget	Allocation
Electric Procurement EE Funds	\$ -	
Gas PPP Surcharge Funds	\$ 104,149,573	100%
Total Funds	\$ 104,149,573	

Revenue Requirement for Cost Recovery by Funding Source

2018 Authorized Funding in Rates (including 2015 carryover)	2018 Revenue Requirement	Carryover adjustment
Electric Procurement EE Funds	\$ -	\$ -
Gas PPP Surcharge Funds	\$ 104,149,573	\$ 104,149,573
Total Funds	\$ 104,149,573	\$ 104,149,573

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

		Electric			
Total Unspent/Uncommitted Funds	Electric PGC	Procurement	Total Electric	Gas	Total
2016				\$ -	\$ -
2013-2015				\$ -	\$ -
Total Pre-2016				S -	\$ -

		Electric					
EM&V Unspent/Uncommitted Funds	Electric PGC	Procurement	Total Electric		Gas	T	otal
2016				\$	-	\$	-
2013-2015				\$	-	\$	-
Total Pre-2016				S	-	S	-

		Electric			
Program Unspent/Uncommitted Funds	Electric PGC	Procurement	Total Electric	Gas	Total
2016				\$ -	\$ -
2013-2015				\$ -	\$ -
Total Pre-2016				s -	\$ -

-	Program Disty Gro	ource Existing Res	nouroe Existing	ouros Existing	ouros Edding A	ouros New	Surros Revised Con	ouros Existry	ouros Esisting Die	ouros Esisting	ouros Existing	ource Editing Ind	Securce Existing	ource Esisting Ca.	ouros Existing Agri	ource Essing	Existing	on-Resource Existing Emerging Technolo An-Resource Existing Emerging Technolo	ce Existing ce	co Existing	4 Standards Existing Cox	Standards Existing Co.	d Standards Existing Co.	esource Existing W.	esource Existing V	Securce Editing Dibiting	bisource Existing DSM.	ource Existing Fit	ouros Existing Fi	ource Edding Fi	asource Existing Government of Covernment of	Assurce Existing Government Covernment Cover	Pasource Existing Govern	Negarce Existing Government	bisource Existing Claw	descurce Existing Government Gove	Assurce Existing Government Covernment Cover	Negarce Existing Government Covernment	assurce Existing Cow	Visionice Edisting Gove	bsource Existing Gove	Securce Editing Governore Governore Governore	Pasource Existing Government Cover	Visiource Canceled Gove	Assurce Existing Government Canonical Covernment Canonical Covernment Covernm	escurce Canceled Gove	Meganoe Existing Government Chross	becarce Edding Gove	ource Editing Resid	source Existing Resi	source Existing Resi	ource Existing Resi	esource Canosled Resi	source Canosled Corre	ource Existing Com-	vource Existing Comm	Negarce Canoeled Corre	Source Canceled Com	ouros Cancelled Core	surce Editing Com	nounce Edeling Indi	Meauro Existing Gross	becarde Edding Cross	source Edising Cross	Pasource Existing	Secure Edisting	NO STATE OF THE PARTY OF THE PA
	Market Sector Resource or	Pasidontial Ras Pasidontial Red Pasidontial Res	Pasidential Res	Posidertial Res	Pasidartia Ren	Pasidartisi Res	commercial Res	Commercial Res	Commercial Res	Commercial Res	commercial Res	Industrial Res	Industrial Nan-P	Industrial Res	gricultural Res	Agricultural Res	Agricultural Res	toss Outing Non-R	ross Outing Non-F	ross Outing Non-F	ross Outing Codes an	ross Cuting Codes an	ross Outing Codes an	oes Cutting Non-R	ross Cuting Non-F	noss Outing Non-B	ross Outing Non-F	noss Outing Res noss Outing Res	ross Outing Res	nos Outing Res	Z Partnerships Non-R	A Partnerships Non-F	2 Partnerships Non-R	A Partnerships Non-F	Z Partnerships Non-R	t Partnerships Non-F Z Partnerships Non-F	A Partnerships Non-F	t Partnerships Non-F	A Partnerships Non-F	A Patnerships Non-F	A Partnerships Non-P A Partnerships Non-F	t Partnerships Non-F & Partnerships Non-F	4 Partnerships Non-R	A Partnerships Non-F	4 Partnerships Non-F A Partnerships Non-F	A Partnerships Non-F A Partnerships Non-F	A Partnerships Non-F	Z Partnerships Non-F	oss Cutting Res basidential Res	Pasidential Ren Pasidential Non-F	Residential Non-F	Posidortial Res	Pasidertial Res Commercial Non-F	Sommerdial Res	Commercial Res	Commercial Res	Commercial Non-F	Commercial Non-F	commercial Res	Commercial Res	Industrial Res oes Outling Non-R	ross Outing Non-F	ross Cuting Nan-F	ross Cutting Non-R	ross Outing Non-F	oss Cutting Non-R	U88 Contrag
-	Ргодгат Тура	Core - SW Core - SW	Core - SW	Core - SW	Core - SW	Core - SW	Con SW	Core SW	Core - SW	Core - SW	Core - SW	Core - SW	Core - SW	Core - SW	Core - SW	Care - SW	Core - SW	Core - SW C	Core - SW C	Core-SW C	Core-SW C	Core - SW	Core - SW C	Core - SW C	Core-SW O	Core SW C	Core-SW C	Core SW C	Core-SW C	Core - SW	ovt Partnerships Gov ovt Partnerships Go	ovt Partnerships Go	ov Partnerships Gov	ow Partnerships Go	ov Parmarhips Go	ovt Partnerships Go ovt Partnerships Go	ov Partnerships Go	ovt Partnerships Go	ow Partnerships Go	ow Partnerships Go	ow Partnerships Go ow Partnerships Go	ow Partnerships Go	ovi Partnerships Go	ow Partners rips Go	ov/Partnerships Go	ovt Partnerships Go ovt Partnerships Go	ov Partnerships Go	ovt Partners hips Go	8 8	881	881	8.8	9 B	8 8	8.8	9. 9.	. 8. 8	688		8- B-	8.8	8.8	481	Other	Other	EMSV O	- Process
	2018 Funds Requested	\$ 29,973,342 \$ 6,757,889 \$ 5,603,046	\$ 3287,108	\$ 6,874,545	\$ 2,472,928	\$ 363,000	\$ 12,812,344	\$ 200,329	\$ 4,497,331	\$ 328,282	\$ 400,000	\$ 19,407,217	\$ 615,730 \$ 324,017	\$ 15,184,830	\$ 3,163,696	\$ 32,200	\$ 502,029	\$ 1,272,336 \$ 63,576	\$ 509,598		\$ 209,995	\$ 251,207	\$ 85,374	\$ 3,123,997	\$ 429,852	\$ 150,348	\$ 581,750	\$ 2,264,324	\$ 1,385,745		\$ 1,390,130 GG	\$ 372,092 G	\$ 250,531 G	\$ 227.492 G	\$ 141,676 G	\$ 142,385 G	\$ 156,042 0	\$ 115,285 G	\$ 147,698 G	\$ 18,034 G	\$ 215,000 0	\$ 289,926 G	\$ 174,785 Q	S 249,015 G	\$ 139,664 0		\$ 195,427 G	\$ 149,000 G	\$ 16,375,718	\$ 2,545,019	\$ 265,080	\$ 2,373,406 \$ 1,051,662	\$ 4,071,106	\$ 2,797,478	\$ 784,074	\$ 1,034,663			5 607,000	\$ 754,096	\$ 1,331,055	\$ 440,000	\$ 200,205	\$ 978,500	\$ 93,48,573	\$ 4,166,000 c 3.020,447	
	2018 Proposed Office from Pre- Budget 2016 Carryover (Col. J.+ Col. P)	3,767,839 \$	3,287,108 \$	3,874,545 \$	2,472,928 \$	363,000 \$	5,812,344 \$	200.329 \$	1,497,331 \$	328,282 \$.	480,000 \$	3,407,217 \$	324017 \$	5,184,880 \$	3,163,606 \$	32,200 \$	502,829 \$	63,575 \$ -	500,088 \$		208.895 \$	251,207 \$	128.574 \$	3,128,997 \$	428,852 \$	150,348 \$	581,750 \$	878,579 \$	1386,745 \$.		256,492 \$	372.092 \$ 471.036 \$	250,631 \$	227,492 \$	141,676 \$	123,769 \$	156,042 \$	110,205 \$	147,038 \$	18,034 \$	215,000 \$	325,955 \$	174,785 \$	248(010 8	139,064 8	10 10	195,427 \$	149,000 \$	5,722,749 \$	416,086 \$	265,080 \$	1,051,662 \$	4,071,106 S	2,797,478 \$	784,074 \$	1,034,663 \$		0 00 0 000	224,000 8	764,936 \$	1,331,655 \$	440,000 8	260,265 \$	493.671 S 978,500 S	95,846,673 \$	1,166,000 \$	Makerin
	2017 Budget 2018 Pi Spontas of Bu	9,394,632 \$ 2 316,539 \$ 1	2,747,916 \$	2,018,656 \$	792,240 \$	99	1,384,971 \$ 1	46,350 \$	2,613,963 \$	(10,271) \$	36.7 8	1,482,292 \$ 19	32,701 \$	967,016 \$ 11	693,933 \$	4792 8	347,057 \$	376,346 \$ 62,850 \$	135,002 \$	33,129 \$	139,858 \$	117,734 \$	20,998 \$	1,352,156 \$	85,011 \$	20,135 \$	183,731 \$	121,286 \$	329,000 \$	149,821 \$	0,021 \$	89.899 \$	14,248 \$	24,714 \$	24.855 \$	50,683 \$	31,510 \$	35,713 \$	37,886 \$	6,622 8	133 8	106,449 \$	28,742 \$	17,484 8	11,699 \$	13,781 \$	50,387 \$	37,053 \$	4,627,931 \$ 1	1301,072 \$	138,851 \$	303,781 \$	39,972 \$	1,324,666 \$	496 \$	899,220 \$	(58.541) \$	63,820 \$	16,789 \$	163,078 \$	1,015,974 \$	259,932 \$	263,694 \$	578,920 \$	5 576,920 \$	1,476,641 \$	The second secon
	2017 Total Budget	19,679,342 \$ 357,839 \$ 4,725,046 \$	1,255,108 \$	11,328,145 \$	2,107,928 \$	363,000 \$	11,012,344 \$	200,329 \$	5,497,331 \$	750,000 \$	480,000 \$	11,173,217 \$	8 615,730 5	9,184,830 \$	3,163,806 \$	32,200 \$	502,829 \$	8 1,272,336 \$	5 504,038 \$	\$ 136,000 \$	208,895 \$	251,207 \$	85,374 \$	3,128,997 \$	429,952 \$	150,348 \$	681,750 \$	878,579 \$	1,252,418 \$		3 256,492 \$	5 372,092 \$	3 250,631 \$	227,492 \$	141,676 \$	123.769 \$	156,042 \$	115,285 \$	147,698 \$	18,034 \$	215,030 \$	48,090 \$	249015 \$	79,437 \$	47,822 \$	26,885 \$	195,427 \$	149,000 \$	9,908,674 \$	2,545,075 \$	278,165 \$	3,230,406 \$	2,889,010 \$	3,149,609 \$	(000.006) \$	847,078 \$. 00000	277,162 \$	576,761 \$	746,183 \$	2,672,281 \$	476 803 8	er 507 5	8 978,800 \$	- 97		
a company of the company	2017 Authorized 2017 Fundanifes Budget	757,839 \$ (400,000) \$ (50,000) \$	2,287,108 \$ 0,032,030) \$ 076,573 \$ 0,032,030) \$	1371,145 \$ 4,955,000 \$	2472,828 \$ (365,000) \$	383,000 \$ \$	616 CH S S S	200,329 \$ \$	1.497,331 \$ 1.000,000 \$. 750.000 \$ (7.000.000) \$	480,000 \$ \$	1,173,217 \$ \$	224417 8 - 8	1184,880 \$. \$	1.163,506 \$ \$	32,200 \$. \$	502.029 \$ \$	63,576 \$ \$	004.02 \$. \$	536,000 \$ \$	208.995 \$ \$	251,207 \$ \$	86,374 \$ \$	1,128,997 \$. \$	429.952 \$ \$	150,348 \$ \$	681,750 \$	878,579 \$ \$	1,386,746 \$ (133,327) \$		256,492 \$ \$	471036 S S	250,631 \$ \$	227,492 \$ \$	141,676 S	123,769 S . S	166,042 \$ \$	116,285 S . S	547,698 \$ \$	18,034 \$ \$	215,000 \$ \$	326,956 \$. \$	249.015 \$ \$	79,437 \$ \$	47,822 \$ \$ 24,107 \$ \$	26,836 \$. \$	195,427 \$ \$	149,000 \$ \$	6,376,717 \$ (0) \$ 1,859,014 \$ 39,850 \$	963,326 \$. \$	285,080 \$ 0,084,087) \$ 285,080 \$ 13,085 \$	1,036,009 \$ 1,094,097 \$ 903,634 \$ 26,575 \$	2.889,010 s - s	3,758,415 \$ (603,936) \$	846.629 \$	847,078 \$ \$		277,162 \$. \$	570,761 \$ \$	746,183 \$ \$	745,103 \$ 669,146 \$	627,191 \$ 82,677 \$	010,205 \$ 13,027 \$	334,758 \$ 472,692 \$ 978,900 \$ \$	78,018,572 \$ (0) \$	3,347,927 \$ \$	Control of the last of the las
	Pre-2017 Anspent/Ancommi tool Funds Available for 2018		40 0						0 40				00 00 00 00										00 45																														00 00						5 50 1				5 50 5				
	2016 Commitments as of 12.5 W16	. \$ (3,845,845) . \$ 384,890 . \$ (984,438)	. \$ (120,936)	- \$ (5,254,689)	- \$ 209.054		. \$ (1,406,776) . \$ 148,637	- \$ 50,384	- \$ (919,400)	- \$ 168,958 - \$ (52,877)		. \$ 2,920,200	5 457,316	. \$ 2616.706	. \$ 1,900,062	. \$ 11,002 . \$ 24,497	. \$ 4,050,112	- \$ 240,255 - \$ (48,198)	- \$ 1,738 - \$ 326,316	. \$ (39,611)	. \$ (207,049)	- \$ (04,897) - \$ (7,809)	- \$ 55,431 - \$ (29,183)	. \$ 439,357	- \$ 190,128	5 116.641	\$ 120,281	. \$ 751,098 . \$ 671,713	- \$ 1,101,856 - \$ (1,202,716)	. \$ 180,245	- \$ 633,106 - \$ 149,056	- \$ 61,000 - \$ 257,311	170,650	8 81,044	8 80,150	- \$ 94,334 - \$ 36,299	- \$ 12.037 - \$ 33.997	- \$ 35,009 - \$ 92,645	- \$ (32.52)	. \$ 6,015	- \$ 38.450 - \$ 210.819	- \$ (2.262) - \$ 78.499	- \$ 116,976	5 37,739	. \$ 5,710	- \$ 28,117 - \$ 38,377	8 84736	\$ 102,613	. \$ 948,710 . \$ 1,276,757	. \$ 452,640 . \$ 32,254	. \$ 407,238 . (3.886)	- \$ 475,548 - \$ (19,049)	- \$ (10,431) - \$ (101,027)	. \$ 37,656	. \$ 358,427	8 (851,299)	. \$ (05,301)	\$ 168,432	\$ (35,701)	. \$ 1,738,948	- \$ 1,730,948 - \$ (2,104,650)	. \$ 91,585	\$ (12,173)	. \$ (2221,200) . \$ (689,936)	- \$ (0000,000) \$. \$ 87,254 . \$ (54,436)	
	20 66 Lhs pank/nc ormbod (funds Masurned to Ratopayers	187 \$ 030 \$	0.04 8	934 \$	000 8	999	419 \$	946 8	731 8	324 S 877 S	40	5 500	394 \$	260 \$	444 \$	703 S	997 \$	080 \$ 763 \$	850 \$	611 8	044 \$	016 \$	942 \$	689,640 \$	024 8	707 8	169 8	227 \$ 866 \$	889 \$	245) \$	426 \$	994 \$	881 8	448 5	628 \$	470 S	311 8	676 S 067 S	830 8	019 8	084. S	340) \$ 456 \$	730 \$	698 \$	168 \$	392 8	891 \$	997 8	931 \$	072 \$	943 \$	243 \$	441 \$	544 \$	528 \$	726 \$	301 \$	272 \$	245 a	169 \$	176 \$	806 8	702,438 \$	544 5	406 \$	673 \$	
	2016 Total Budget 2016 Total With Committenants Budget Spent & Fundahilits	757,889 \$ 23,425, 757,889 \$ 373, 4,593,046 \$ 4,857,	2287,108 \$ 2,414	6,767,345 \$ 12,021,	2,035,928 \$ 2,636	99	616.008.8 12,144,	200,329 \$ 149	4,497,331 \$ 5,416	328,282 \$ 169		9,010,293 \$ 6,090,	324,017 \$ 108,	7,021,956 \$ 4,406	4239,606 \$ 2,330,	32,200 \$ 7.	502,029 \$ 690	63,575 \$ 1,032,	509,598 \$ 509, 700,172 \$ 373,	. 8 39	209,995 \$ 477,	251,207 \$ 259,	128,374 \$ 29,	3,123,997 \$ 2,639,	0 40	150,348 \$ 33,	581,750 \$ 461	2,264,324 \$ 1,513, 878,579 \$ 206,	1,385,745 \$ 283	. \$ (180	256,482 \$ 107.	372,092 \$ 310, 471,036 \$ 213,	250,631 \$ 73	227,492 \$ 146,	141,676 \$ 61,	142,885 \$ 48, 123,769 \$ 88,	102.309 \$ 68.	115,285 \$ 115,281 F	147,698 \$ 179,	18,034 \$ 12,	215,000 \$ 133.	325,955 \$ 247,	248.015 \$ 57,	79,437 \$ 41.	48,213 \$ 12,	63,770 \$ 33,	195,427 \$ 110	149,000 \$ 46	9,995,809 \$ 8,719,89	2,545,075 \$ 2,082, 638,326 \$ 609,	265,080 \$ 268.	981,194 \$ 1,000	2,889,010 \$ 2,905.	5,523,100 \$ 5,590.	1,048,956 \$ 690.	3,320,427 \$ 4,171	. 5 . 65	233,754 \$ 65	35,3114 3	790,097 \$ 1,169,	6,625 \$ 2,111				978,500 \$ 1,848,406 78,018,572 \$ 72,847,844		4 7 4 4 4 4 4 4 4
=	2016 Tot Budget A Fun	19,679,342 \$ 75,889 \$ 4,93,046 \$	2,287,108 \$	6,797,345 \$	2,635,926 \$	99	10,737,344 \$	200,329 \$	4.497,331 \$	328,282 \$		11,173,217 \$	324017 \$	9,184,880 \$	4238,606 \$	32,200 \$	502,829 \$	1,272,336 \$	700,172 \$		208.895 \$	251,207 \$	128,374 \$	3,128,997 \$	429,952 \$	150,348 \$	681,750 \$	878,579 \$	1,386,746 \$		256,482 \$	372.092 \$	250,631 \$	227.492 \$	141,676 \$	123,789 \$	166,042 \$	116,285 \$	147,638 \$	18,034 \$	215,000 \$	325,955 \$	24,785 \$	70,437 \$	48,213 \$	63,770 \$	195.427 \$	0 40	9,818,249 \$	2.545,075 \$	285,080 \$	1,535,009 \$	2,889,010 \$	1,773,893 \$	1,228,616 \$	547,078 \$		5 40 or	5 50 1	745,183 \$	745,193 \$	602,191 \$	10 10 1	2.195,346 \$	un un	90 90	
	Pre-2016 UnspendAncommi tool Funds Available for 2018 offs et	72 \$ \$ 803 8 8 8 8 8 8 8 8 8 8 8 8 8	82 8		170 8								5 5			5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		10 8 8	8 8			M8 S S	8	438,973 \$. \$				04 5 5	80 80	887 8	23 \$ \$	8 6 6 8 6 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8	114 8	800 8 8		96 8 8	00 ss	304 S . S		04 8	24 8 8	M5 5 5 M2 8	81 8		80.0 \$ \$	03 8 8	005 \$ 8	0 40	8	78 8 8			10 8 8	8 8 EEE	M5 8 8	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	\$ 022	00 8 8	8 88 8		5 000		10 40 4				- 0.0
	20 13-20 16 20 13-	. \$ 6,346,672 . \$ 699,003 . \$ 132,759	. \$ 1,212.	90 1	3 .	9 99	. \$ 2,980,431	8 9	. \$ 4710.	uo oo		. \$ 14,995,	. 8 362.	. \$ 14622.456	. \$ 4000.	. 8 44	. 8 3.970.	. \$ 510	. \$ 40	00	. 8 54.	. \$ 201.	. \$ 199.	. \$ 438.	. 8 161.	. 8 242		. \$ 15904.	. \$ 2,987,	. \$ 162.	. \$ 1,889,	. 8 106.	. \$ 692.	\$ 337,493	. 8 2MG	. \$ 228.	. \$ 107,	. \$ 90.	. 8 70.	8 35	. \$ 203.	. \$ 645.	. \$ 3430	. 5 105.	8 8 90	. \$ 80.	. \$ 328.	0 40	. \$ 8,789,	. \$ 63.	8 .	. \$ 004.	- \$ 2,938. - \$ 580.	. \$ 2,373,323	. \$ 430.	. 8 177,	. \$ 101.	. \$ 122	. \$ 574.	. \$ 120,	. \$ 2,353,			. \$ 2,306,687	. \$ 56,522,403 \$. \$ 7,372,	6 06171170 6
	Pre 2013 2013 - Committee the	331,976 \$ 251,832 \$			00,143 \$	99	173,000 \$		\$	so so		665,187 \$		665,187 \$		o so	0 10	so so		50 e		0 00	90 95				9 90 1		00 00			50 50		so so	0 00 0		90 90				on on	so so	90 90	0 10		10 10	90 90	0 40	23,300 \$	so so :	so so :	so so	90 90	23,300 \$	23,300 \$			3 50 00	5 50	un en	50 MB	uo uo	5 50 5	uo an	1,193,462 \$	454,730 \$	- I marriage
are the second of the second o	2015 Total Budget Spent		2,624,813 \$	Ш	Ш			410,114 \$	5,000,005	22,831 \$		7,667,056 \$	\$ 175,899 \$ 5 519,353 \$	6,024,838 \$	919,296 \$	34,603 \$	529,058 \$	5 1,083,188 \$	215,082 \$		229,153 \$	163,320 \$	284,817 \$ 22,469 \$ 401,405 \$ 45,416 \$	2,901,274 \$	405,751 \$	104 107 6	305,327 \$	248,700 \$	1377.82 \$	792,905 \$	98,285 \$	230.579 \$	2225 304 6	139,376 \$	88,199 \$	83,281 \$	100.753 \$	8 69,649 \$	167,230 \$	10,645 \$	1,926 \$	337,172 \$	00 10	بادياه	35,340 \$	10		امداد	8,581,113 \$	500,057 \$	280,899 \$	5 1,591,955 \$ 5 987,793 \$	67,761 \$	3,489,997 \$	4,504 \$	-		285,057 \$		-	5 1,300,707 \$	790,342 \$	699,051 \$	1,265,494 \$	1205,484 \$	1,550,587 \$	6 100,000
	20 15 T dai Budget with Commitments & Fundshifts	\$ 24,925,014 \$ \$ 1,447,393 \$ \$ 4,325,805 \$	ll	II.	\$ 3,573,699 \$			\$ 251,899 \$	\$ 5,122,576 \$	328,282 8		25,828,955	615,730	23,267,336	8,239,149	\$ 81,258 \$		\$ 2,322,344 \$ \$ 843,590 \$	ш		\$ 264,211 \$	\$ 480,512 8	Ш	Ш	ш		ш	\$ 14,169,750 \$ \$ 2,552,784 \$	\$ 4,353,385 \$	\$ 162,687 8	\$ 3,239,183 a	\$ 478,141 S	\$ 843,445 \$	5 506,975 \$ 130	386,753 8	5 371,734 5			\$ 217,796 \$		5 340,507 8	\$ 640,443 \$ \$ 436,297 \$	92.95	0 10	s 139,724 s	10.10		\$ 149,000 \$	\$ 25,165,637 8	\$ 2,737,411 8 8 691,704 8	12 12	\$ 2,140,379 \$	99 99	49 40	\$ 816,509 \$ \$ 609,806 \$	\$ 2,144,793 \$	\$ 181,420 \$	\$ 357,723 \$ \$ 629,267 \$ \$	\$ 1,150,859 \$	\$ 1,272,714 \$	\$ 1,272,714 \$	5 602,191 5	\$ 690,285 \$	\$ 978,500 \$	\$ 978,500 \$	\$ 10,720,322 \$	0 200,000,00
	2015 Authorized Budget	\$ 19,679,342 8 \$ 757,889 8 \$ 4,93,046 8	\$ 2,387,108	\$ 6,767,345	\$ 2,005,920		\$ 10,737,344	\$ 200,000	\$ 4.497,331	\$ 328,282	40.1	\$ 11,173,217	\$ 616,730 \$	\$ 9,184,880	\$ 4238,936	\$ 32,200	\$ 502,029	\$ 1,272,336 \$	\$ 500,000		\$ 208,995	\$ 167,482		\$ 3,128,997 \$		Total		\$ 2,284,324	\$ 1,386,746		\$ 1,330,130	\$ 372.032	\$ 250,631 \$	\$ 227.492	\$ 54,676	\$ 142,815	\$ 156,042	\$ 116,285	\$ 547,038	\$ 18,034	\$ 17,544	\$ 225,443	\$ 174,785	\$ 70,437	\$ 47,822	\$ 61,956	120,301 \$	0 40	\$ 16,376,717	\$ 2545,075	\$ 1,141,315	\$ 1,535,839	\$ 2889,009	\$ 1,773,993	\$ 1,228,616	ervice Rebate Pro \$ 547,078	KProgram \$.	Buildes 8		\$ 745,183	\$ 745,193	\$ 602,191	\$ 090,205	8 (DEEA315) \$ 2,725,310 8) \$ 978,500	3 978,500 3GRAM TOTAL \$ 78,018,572	\$ 3,347,927	-
	Main Program Name / Sub-Program Name	Energy Efficiency Programs Total Energy Advisor Plug Load and Applanoss	RES-Pug Load and Applanoes - POS RES-AMPERA	Apgrade Program	CHARRIED Description	49EMTS Program	Advisor		of incertives	nstall Program	3-CRR Program	grams Total	Advisor	ad Incentives	Programs Total	403.4.800	Incertives	Emerging Technologies Programs Total ET-Technology Development Support	gyAssessment Support gyintoduzbin Support	Not durin Doorsens Total	TOdes & Compliance Advocacy	nos e Enfancement.	Codes 1 Osordination	Workfore Education & Training Programs Total	edions	agic Planning V. Coordination & Integration Program		ograms Total	Prighted Financing	a Hub for EE Financing	Partnership Programs Total spartnershof Connectors Patnership	amilia Community College Partnership SUICU Partnership	Lindip-Sub of CAROU Parametribio	Patherskip	1e Co Partership	entana Co Partnership	Say Obias Partnership s Obiano Co Partnership	equinValeyParteetifp County Office Parteetifis	LOP-SEEC Patriarrhip	ShisPatherkip	overment Energy Efficiency Plots	intranship Programs fornil Resource Placeholder	vy Obes Partnership and Valley COG Partnership	SataAns Pathership	Site Community Energy Partnership Simi Valley Partnership	Redands Partnership Reaumont Programs	n Riversi de Emergy Patrierskip	mardino Pagional Emergy Patriarchip	Third-Party Programs Total Residential Third Party Programs SubTotal	and Emplancy for Taining Advancement	dh-ani e	3P-MF Direct Them Savings 3P-LivingWise	SHBE EP	al Third Party Prognams SubTotal y Chillanger		56/mstant Rebates/ Point-of-Sale Foods, 54/Mer Loss Cortrol Program	15-Commercial Sustainable Development	GST99 3P-UCE A39-Cue in Campus mounts GST97 3P-UCE A39-Cnergy Advantage Programfor Small E GST99 3P-UCE A39-Comed	5.Clarice	35-Cn-Premise Coons Lauraly of Party Programs SubTotal	Yukhai Facility Upgrabss Third Party Programs SubTotal	inibilityAllance		e Designs for Energy Efficiency waves, ns (terrize and programs added her,	GPM SOCIE Chair PROCIEMENT TOTAL \$ 178,500 \$ 125,600 \$ 12,00,404 \$ 1,500,402 \$ 1,500,402 \$ 1,500,402	Gas & CP UC Portions) Total	
_	New/Existing Program #	Residential E 1 RES-Energy 2 RES-Plug Lo	D RESPUGIL	5 RES-Horne	7 RES-PAC	0 RES-A0790	COMEneral	B COMCEI	1 COMDoem	S COMPlett	T COMHOPPA	Industrial Pro	3 IND-EnegyAdvisor 4 IND-CE	SCG3716 IND-Calculate	Agricultural	AG-CEI	AG-Deemed	Emerging Te	2 ET-Technolo	Codes & Stan	4 C&SBuldin	6 C&S-Comple	7 C&S-Parrin	Workforce Ex	0 WE&T-Conf.	5 WE&T-STR	4 IDSMIDSM	Financing Pt 5 FINONBILE	6 FINARRAC	3 FINCalforn	LINSPICAD	LIMP-UND	Coverment	LGPLACO	LGP-Paris	LGP-Sarta E	LGP-South L	LGP-Sm.Jb	LOP-SEECT	LGP-Desert	LGP-toolf G	LGP-New P.	LGP-Grib w	LGP-Ckyof	GSTN LGP-West St GST80 LGP-Ctyofs	LGP-Ckyof	LGP-Wester	LGP-San Ba	Residential T.	D 3P-HERSR.	22 3P-Q-EO	S 3P-WF Dies	5 3P-VEEA36	Commercial 3P-Energy C	3 3P-Sava Gar	3P-IDEEA3	3P-IDEEA3	3P4DEE A3	3P-IDEEA3	Industrial Th	Cross Cutting	3P-CA Sust	3P-PACE	Other Progra.	CPM	SAN EMAY (SOCA	CHANG DA

Table 5: Total 2018 Requested and 2013-2017 Authorized Budgets (\$000)

Category (2013-17 Authorized ¹ and 2018 Request)	Electric Demand Response Funds	Electric Energy Efficiency Funds	Natural Gas Public Purpose Funds	Total Energy Efficiency Funds
2013-2015 Annualized Program Funds - Utility			\$ 79,470	\$ 79,470
2013-2015 Annualized Program Funds - REN			\$ 4,390	\$ 4,390
2013-2015 Annualized Program Funds - CCA			-	ı ∽
2013-2015 Annualized EM&V			\$ 3,550	\$ 3,550
2013-2015 Total Annualized Portfolio			\$ 87,410	\$ 87,410
2016 Program Funds - Utility			\$ 76,019	\$ 76,019
2016 Program Funds - REN			\$ 4,337	\$ 4,337
2016 Program Funds - CCA				-
2016 EM&V			\$ 3,348	\$ 3,348
2016 Annualized Total			\$ 83,704	\$ 83,704
2017 Program Funds - Utility			\$ 76,019	\$ 76,019
2017 Program Funds - REN			\$ 4,337	\$ 4,337
2017 Program Funds - CCA			- \$	ı %
2017 EM&V			\$ 3,348	\$ 3,348
2017 Annualized Total			\$ 83,704	\$ 83,704
2018 Requested Program Funds - Utility			\$ 95,647	\$ 95,647
2018 Requested Program Funds - REN			\$ 4,337	\$ 4,337
2018 Requested Program Funds - CCA			- \$	ı %
2018 Requested EM&V			\$ 4,166	\$ 4,166
2018 Total Portfolio Request			\$ 104,150	\$ 104,150

^[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, D.14-10-046 and D.15-10-028.

Table 6: Committed Energy Efficiency Program Funding Not Yet Spent

Committed funds not yet spent (\$000)	Electric Procurement	Natural Gas Public	Public		
Category	Funds	Purpose Funds	spun	-	Total
2013-2015 EM&V Funds		€	7,372	S	7,372
2013-2015 Program Funds - Utility		∽	56,522	S	56,522
2013-2015 Program Funds - REN		€	6,197	S	6,197
2013-2015 Program Funds - CCA		∽		∽	1
2016 EM&V Funds		\$	87	∽	87
2016 Program Funds - Utility		€	3,171	S	3,171
2016 Program Funds - REN		\$	(2,390) \$	∽	(2,390)
2016 Program Funds - CCA		∽	-	\$	-
2017 to date EM&V Funds		\$	1,871	\$	1,871
2017 to date Program Funds - Utility		\$	51,039	\$	51,039
2017 to date Program Funds - REN		∽	(6,704)	\$	(6,704)
2017 to date Program Funds - CCA		\$	1	∽	ı
Total		∳	117,165	∽	\$ 117,165

Table 7: 2016 Authorized and Spent/Unspent Detail

Authorized, spent and unspent program funds (excludes EM&V) (\$000)	Electric Procurement	Natural Gas Public Purpose		
Category	Funds	Funds		Total
2016 Annualized Authorized Program Budget		\$ 956,08	F-A	80,356
2016 Actual Spent		\$ 79,574	∽	79,574 \$ 79,574
2016 Unspent				
2016 Committed funds		\$ 782	∽	782
2016 Unspent/uncommitted - estimated available for 2018		- \$	∽	-

APPENDIX B

Advice No. 5183-A

CEDARS Filing Submission Receipt

CEDARS FILING SUBMISSION RECEIPT

The SCG portfolio filing has been submitted and is now under review. A summary of the filing is provided below.

PA: Southern California Gas (SCG)

Filing Year: 2018

Submitted: 18:50:11 on 21 Nov 2017

By: Paul Deang

Advice Letter Number: 5183-A

- * Portfolio Filing Summary *
- TRC: 1.874 - PAC: 4.6576
- TRC (no admin): 2.5227 - PAC (no admin): 12.9066
- RIM: 4.6576
- Budget: \$99,812,573.28
- * Programs Included in the Filing *
- SCG3701: RES-Energy Advisor
- SCG3702: RES-Plug Load and Appliances
- SCG3703: RES-Plug Load and Appliances POS
- SCG3704: RES-MFEER
- SCG3705: RES-Home Upgrade Program
- SCG3706: RES-Residential HVAC
- SCG3707: RES-RNC
- SCG3708: COM-Energy Advisor
- SCG3709: COM-CEI
- SCG3710: COM-Calculated Incentives
- SCG3711: COM-Deemed Incentives
- SCG3712: COM-NonRes HVAC
- SCG3713: IND-Energy Advisor
- SCG3714: IND-CEI
- SCG3715: IND-Calculated Incentives
- SCG3716: IND-Deemed Incentives
- SCG3717: AG-Energy Advisor

- SCG3718: AG-CEI
- SCG3719: AG-Calculated Incentives
- SCG3720: AG-Deemed Incentives
- SCG3721: ET-Technology Development Support
- SCG3722: ET-Technology Assessment Support
- SCG3723: ET-Technology Introduction Support
- SCG3724: C&S-Building; Codes & Compliance Advocacy
- SCG3725: C&S-Appliance; Standards Advocacy
- SCG3726: C&S-Compliance; Enhancement
- SCG3727: C&S-Reach; Codes
- SCG3728: C&S-Planning; Coordination
- SCG3729: WE&T-Centergies;
- SCG3730: WE&T-Connections;
- SCG3731: WE&T-Strategic; Planning
- SCG3733: SW-ME&O-ME;&O;
- SCG3734: IDSM-IDSM
- SCG3735: FIN-On-Bill Financing
- SCG3736: FIN-ARRA-Originated Financing
- SCG3737: FIN-New Financing Offerings
- SCG3738: LInstP-CA Department of Corrections Partnership
- SCG3739: LInstP-California Community College Partnership
- SCG3740: LInstP-UC/CSU/IOU Partnership
- SCG3741: LInstP-State of CA/IOU Partnership
- SCG3742: LGP-LA Co Partnership
- SCG3743: LGP-Kern Co Partnership
- SCG3744: LGP-Riverside Co Partnership
- SCG3745: LGP-San Bernardino Co Partnership
- SCG3746: LGP-Santa Barbara Co Partnership
- SCG3747: LGP-South Bay Cities Partnership
- SCG3748: LGP-San Luis Obispo Co Partnership
- SCG3749: LGP-San Joaquin Valley Partnership
- SCG3750: LGP-Orange County Cities Partnership
- SCG3751: LGP-SEEC Partnership
- SCG3753: LGP-Desert Cities Partnership
- SCG3754: LGP-Ventura County Partnership
- SCG3755: LGP-Local Government Energy Efficiency Pilots
- SCG3757: 3P-Small Industrial Facility Upgrades
- SCG3758: 3P-PREPPS
- SCG3759: 3P-On Demand Efficiency
- SCG3760: 3P-HERS Rater Training Advancement
- SCG3762: 3P-CLEO
- SCG3763: 3P-MF Direct Therm Savings

- SCG3764: 3P-LivingWise
- SCG3765: 3P-Manufactured Mobile Home
- SCG3768: 3P-CA Sustainability Alliance
- SCG3769: 3P-PoF
- SCG3770: 3P-PACE
- SCG3771: 3P-Innovative Designs for Energy Efficiency Activities (IDEEA365)
- SCG3772: EM&V-Evaluation; Measurement & Verification
- SCG3773: LGP-New Partnership Programs
- SCG3774: LGP-LG Regional Resource Placeholder
- SCG3775: CRM
- SCG3776: LGP-Gateway Cities Partnership
- SCG3777: LGP-San Gabriel Valley COG Partnership
- SCG3779: LGP-West Side Community Energy Partnership
- SCG3783: LGP-Western Riverside Energy Partnership
- SCG3793: 3P-IDEEA365-Instant Rebates! Point-of-Sale Foodservice Rebate Program
- SCG3798: 3P-IDEEA365-Connect
- SCG3801: LGP-North Orange County Cities Partnership
- SCG3802: LGP-San Bernardino Regional Energy Partnership
- SCG3803: SW-FIN-California Hub for EE Financing
- SCG3804: 3P-IDEEA365-On-Premise Ozone Laundry
- SCG3805: SW-COM-Direct Install Program
- SCG3806: Water AMI Pilot
- SCG3807: COM-HOPPS-CRR Program
- SCG3808: RES-HOPPS-CWHMBS Program
- SCG3809: COM-AB793-CEMTL Program
- SCG3810: RES-AB793-REMTS Program
- SCG-ESAP: Energy Savings Assistance Program
- SCG-ESPI: ESPI Incentives
- SCG-GRCL: GRC Labor Loaders