

Application of SOUTHERN CALIFORNIA GAS)
COMPANY for authority to update its gas revenue)
requirement and base rates)
effective January 1, 2016 (U 904-G))

Application No. 14-11-004

Exhibit No.: (SCG-14-WP-R)

REVISED WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF RICHARD D. HOBBS
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

MARCH 2015



**2016 General Rate Case - REVISED
INDEX OF WORKPAPERS**

Exhibit SCG-14-WP-R - SUPPLY MANAGEMENT & SUPPLIER DIVERSITY

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Overall Summary For Exhibit No. SCG-14-WP-R

Area:	SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness:	Richard D. Hobbs

Description	In 2013 \$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Non-Shared Services	18,864	19,731	21,223	21,223
Shared Services	0	0	0	0
Total	18,864	19,731	21,223	21,223

Note: Totals may include rounding differences.

Southern California Gas Company
 2016 GRC - REVISED
 Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs

Summary of Non-Shared Services Workpapers:

Description	In 2013 \$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
A. Supply Management Operations, Strategy & Support	1,270	1,392	2,457	2,457
B. Logistics and Shops	11,421	12,106	12,383	12,383
C. Procurement	1,728	1,728	1,728	1,728
D. Supplier Diversity	1,319	1,379	1,529	1,529
E. Document Management and Office Services	3,126	3,126	3,126	3,126
Total	18,864	19,731	21,223	21,223

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: A. Supply Management Operations, Strategy & Support
Workpaper: VARIOUS

Summary for Category: A. Supply Management Operations, Strategy & Support

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	564	686	746	746
Non-Labor	706	706	1,711	1,711
NSE	0	0	0	0
Total	1,270	1,392	2,457	2,457
FTE	6.2	8.2	8.2	8.2

Workpapers belonging to this Category:

2SS005.000 SUPPLY MANAGEMENT DIRECTOR

Labor	238	238	238	238
Non-Labor	296	296	296	296
NSE	0	0	0	0
Total	534	534	534	534
FTE	2.2	2.2	2.2	2.2

2SS010.000 SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Labor	326	448	508	508
Non-Labor	410	410	1,415	1,415
NSE	0	0	0	0
Total	736	858	1,923	1,923
FTE	4.0	6.0	6.0	6.0

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS005.000 - SUPPLY MANAGEMENT DIRECTOR

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS005.000 - SUPPLY MANAGEMENT DIRECTOR

Activity Description:

This cost center contains the cost for the director and 1 administrative assistant that provides clerical support for the Supply Management organization.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects future cost. Over the last three years cost has remained reasonably flat with exception of inflation.

Non-Labor - Base YR Rec

The base year model accurately reflects future cost. Over the last three years cost has remained reasonably flat with exception of inflation.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		0	0	0	337	238	238	238	238	
Non-Labor		400	378	345	211	296	296	296	296	
NSE		0	0	0	0	0	0	0	0	
Total		400	378	345	549	533	533	533	533	
FTE		0.0	0.0	0.0	2.9	2.2	2.2	2.2	2.2	

Note: Totals may include rounding differences.

Southern California Gas Company
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Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS005.000 - SUPPLY MANAGEMENT DIRECTOR

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	238	238	238	0	0	0	238	238	238
Non-Labor	Base YR Rec	296	296	296	0	0	0	296	296	296
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		533	533	533	0	0	0	533	533	533
FTE	Base YR Rec	2.2	2.2	2.2	0.0	0.0	0.0	2.2	2.2	2.2

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014 Total	0	0	0	0	0.0	
2015 Total	0	0	0	0	0.0	
2016 Total	0	0	0	0	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS005.000 - SUPPLY MANAGEMENT DIRECTOR

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	0	0	0	284	228
Non-Labor	361	350	332	208	296
NSE	0	0	0	0	0
Total	361	350	332	492	523
FTE	0.0	0.0	0.0	2.5	2.2
Adjustments (Nominal \$) **					
Labor	0	0	0	0	-24
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	-24
FTE	0.0	0.0	0.0	0.0	-0.4
Recorded-Adjusted (Nominal \$)					
Labor	0	0	0	284	204
Non-Labor	361	350	332	208	296
NSE	0	0	0	0	0
Total	361	350	332	492	499
FTE	0.0	0.0	0.0	2.5	1.8
Vacation & Sick (Nominal \$)					
Labor	0	0	0	45	34
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	45	34
FTE	0.0	0.0	0.0	0.4	0.3
Escalation to 2013\$					
Labor	0	0	0	8	0
Non-Labor	39	28	13	4	0
NSE	0	0	0	0	0
Total	39	28	13	12	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	0	0	337	238
Non-Labor	400	378	345	211	296
NSE	0	0	0	0	0
Total	400	378	345	549	533
FTE	0.0	0.0	0.0	2.9	2.1

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS005.000 - SUPPLY MANAGEMENT DIRECTOR

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	-24
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	-24
FTE	0.0	0.0	0.0	0.0	-0.4

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013	-24	0	0	-0.4	CCTR Transf	From 2200-0331.000	RMCHRIST20140 423122353970
Budget Planner Transfer in 2013. Transfer 2013 Budget Planner dollars from cost center 2200-2142 in work paper group 2SS005 to cost center 2200-0331 in work paper group 200006.							
2013 Total	-24	0	0	-0.4			

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Activity Description:

This cost center was created in 2013 to provide company wide supply management support such as procurement analytics and reporting, process improvement study, supply chain sustainability and supplier relationship management. The Smaller Contractor Opportunity Realization Effort (SCORE) is also managed from this cost center and related outreach.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects the current and future labor cost in this cost center. One FTE in 2014 has been added to support SoCalGas supply chain sustainability efforts that continue to evolve.

Non-Labor - Base YR Rec

The base year model accurately reflects the current and future non labor expenditures for this cost center. In years 2015 and 2016 increases are due to consulting cost for market valuation and validation of large capital projects (\$1 million), greening SoCalGas supply chain that include system acquisition, modifications and enhancements and associated cost for the addition of one FTE.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		93	87	88	0	326	448	508	508	
Non-Labor		2	2	2	0	410	410	1,415	1,415	
NSE		0	0	0	0	0	0	0	0	
Total		95	90	91	0	737	859	1,924	1,924	
FTE		1.0	1.0	1.0	0.0	4.0	6.0	6.0	6.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	326	326	326	122	182	182	448	508	508
Non-Labor	Base YR Rec	410	410	410	0	1,005	1,005	410	1,415	1,415
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		737	737	737	122	1,187	1,187	859	1,924	1,924
FTE	Base YR Rec	4.0	4.0	4.0	2.0	2.0	2.0	6.0	6.0	6.0

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014	122	0	0	122	2.0	1-Sided Adj

Labor needed to complete anticipated work flow in support of Supplier Relationship Management

2014 Total	122	0	0	122	2.0	
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2015	60	0	0	60	0.0	1-Sided Adj
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One FTE for Investment Recovery/Sustainability Effort

2015	0	5	0	5	0.0	1-Sided Adj
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\$5k employee expenses for new Investment Recovery/Sustainability FTE

2015	122	0	0	122	2.0	1-Sided Adj
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Labor needed to complete anticipated work flow in support of Supplier Relationship Management

2015	0	250	0	250	0.0	1-Sided Adj
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Green Supply Chain Initiative

2015	0	250	0	250	0.0	1-Sided Adj
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Supplier Relationship Management System Upgrades

2015	0	300	0	300	0.0	1-Sided Adj
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Market Validation - professional support necessary to facilitate contract negotiations

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2015	0	200	0	200	0.0	1-Sided Adj
Market Validation - technological tools necessary to facilitate contract negotiations						
2015 Total	182	1,005	0	1,187	2.0	
2016	60	0	0	60	0.0	1-Sided Adj
One FTE for Investment Recovery/Sustainability Effort						
2016	0	5	0	5	0.0	1-Sided Adj
\$5k employee expenses for new Investment Recovery/Sustainability FTE						
2016	122	0	0	122	2.0	1-Sided Adj
Labor needed to complete anticipated work flow in support of Supplier Relationship Management						
2016	0	250	0	250	0.0	1-Sided Adj
Green Supply Chain Initiative						
2016	0	250	0	250	0.0	1-Sided Adj
Supplier Relationship Management System Upgrades						
2016	0	300	0	300	0.0	1-Sided Adj
Market Validation - professional support necessary to facilitate contract negotiations						
2016	0	200	0	200	0.0	1-Sided Adj
Market Validation - technological tools necessary to facilitate contract negotiations						
2016 Total	182	1,005	0	1,187	2.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	71	69	72	0	280
Non-Labor	2	2	2	0	410
NSE	0	0	0	0	0
Total	73	71	74	0	690
FTE	0.9	0.8	0.8	0.0	3.4
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	71	69	72	0	280
Non-Labor	2	2	2	0	410
NSE	0	0	0	0	0
Total	73	71	74	0	690
FTE	0.9	0.8	0.8	0.0	3.4
Vacation & Sick (Nominal \$)					
Labor	13	12	12	0	47
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	13	12	12	0	47
FTE	0.2	0.1	0.1	0.0	0.6
Escalation to 2013\$					
Labor	9	6	4	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	9	6	4	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	93	87	88	0	326
Non-Labor	2	2	2	0	410
NSE	0	0	0	0	0
Total	95	90	91	0	737
FTE	1.1	0.9	0.9	0.0	4.0

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: A. Supply Management Operations, Strategy & Support
 Category-Sub: 1. Supply Mgmt - Operations, Strategy, Analysis
 Workpaper: 2SS010.000 - SUPPLY CHAIN STRATEGY AND BUSINESS SUPPORT

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: B. Logistics and Shops
Workpaper: VARIOUS

Summary for Category: B. Logistics and Shops

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	8,561	9,246	9,316	9,316
Non-Labor	2,860	2,860	3,067	3,067
NSE	0	0	0	0
Total	11,421	12,106	12,383	12,383
FTE	116.9	116.9	116.9	116.9

Workpapers belonging to this Category:

2SS001.000 LOGISTICS & SHOPS - POOL WAREHOUSING

Labor	6,070	6,556	6,626	6,626
Non-Labor	370	370	435	435
NSE	0	0	0	0
Total	6,440	6,926	7,061	7,061
FTE	83.1	83.1	83.1	83.1

2SS002.000 FABRICATION & TOOL REPAIR

Labor	1,227	1,325	1,325	1,325
Non-Labor	2,069	2,069	2,211	2,211
NSE	0	0	0	0
Total	3,296	3,394	3,536	3,536
FTE	15.0	15.0	15.0	15.0

2SS003.000 METER SHOPS & RECORDS

Labor	1,264	1,365	1,365	1,365
Non-Labor	421	421	421	421
NSE	0	0	0	0
Total	1,685	1,786	1,786	1,786
FTE	18.8	18.8	18.8	18.8

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

Activity Description:

The Pool purchasing & warehouse group consist primarily of labor charges. Materials for job direct purchases is procured by regional logistics analysts and storeroom inventory is procured by material requirements planners. The labor and associated non-labor is within this workgroup.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects cost in future years with the addition of one FTE to support sustainability efforts directly related to SoCalGas investment recovery and recycling program.

Non-Labor - Base YR Rec

The base year model accurately reflects non labor cost in future years with a slight increase related to the addition of one FTE. As mentioned above, this FTE will support SoCalGas sustainability efforts in the investment recovery and recycling program.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		5,879	5,934	6,025	6,010	6,070	6,556	6,626	6,626	
Non-Labor		729	632	479	503	370	370	435	435	
NSE		0	0	0	0	0	0	0	0	
Total		6,607	6,566	6,504	6,512	6,440	6,926	7,061	7,061	
FTE		83.2	83.6	84.9	83.4	83.1	83.1	83.1	83.1	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	6,070	6,070	6,070	486	556	556	6,556	6,626	6,626
Non-Labor	Base YR Rec	370	370	370	0	65	65	370	435	435
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		6,440	6,440	6,440	486	621	621	6,926	7,061	7,061
FTE	Base YR Rec	83.1	83.1	83.1	0.0	0.0	0.0	83.1	83.1	83.1

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014	486	0	0	486	0.0	1-Sided Adj

Labor needed to complete anticipated work flow.

2014 Total	486	0	0	486	0.0	
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2015	70	0	0	70	0.0	1-Sided Adj
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One FTE for Investment Recovery/Sustainability Effort

2015	486	0	0	486	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

2015	0	60	0	60	0.0	1-Sided Adj
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Tool Repair Calibration and Maintenance

2015	0	5	0	5	0.0	1-Sided Adj
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\$5k for employee expenses for new Investment Recovery/Sustainability FTE

2015 Total	556	65	0	621	0.0	
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2016	70	0	0	70	0.0	1-Sided Adj
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One FTE for Investment Recovery/Sustainability Effort

2016	486	0	0	486	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

Note: Totals may include rounding differences.

Southern California Gas Company
 2016 GRC - REVISED
 Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2016	0	60	0	60	0.0	1-Sided Adj
Tool Repair Calibration and Maintenance						
2016	0	5	0	5	0.0	1-Sided Adj
\$5k for employee expenses for new Investment Recovery/Sustainability FTE						
2016 Total	556	65	0	621	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: B. Logistics and Shops
Category-Sub: 1. Logistics & Shops
Workpaper: 2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	4,518	4,701	4,934	5,058	5,205
Non-Labor	658	585	461	494	370
NSE	0	0	0	0	0
Total	5,175	5,286	5,394	5,552	5,575
FTE	70.0	70.8	72.5	71.5	71.1
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	4,518	4,701	4,934	5,058	5,205
Non-Labor	658	585	461	494	370
NSE	0	0	0	0	0
Total	5,175	5,286	5,394	5,552	5,575
FTE	70.0	70.8	72.5	71.5	71.1
Vacation & Sick (Nominal \$)					
Labor	816	822	819	810	865
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	816	822	819	810	865
FTE	13.2	12.8	12.4	11.9	12.0
Escalation to 2013\$					
Labor	545	411	272	141	0
Non-Labor	71	47	18	9	0
NSE	0	0	0	0	0
Total	616	458	290	150	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	5,879	5,934	6,025	6,010	6,070
Non-Labor	729	632	479	503	370
NSE	0	0	0	0	0
Total	6,607	6,566	6,504	6,512	6,440
FTE	83.2	83.6	84.9	83.4	83.1

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS001.000 - LOGISTICS & SHOPS - POOL WAREHOUSING

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS002.000 - FABRICATION & TOOL REPAIR

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS002.000 - FABRICATION & TOOL REPAIR

Activity Description:

This cost center supports the field requirements for fabricated materials, such as wedding bands, canopies, pre-fabricated regulator stations, shop modified pressure control fittings and specialty tools. They are also a supplier of approximately 300 inventoried materials that are distributed by the Pico Rivera general warehouse. The shop also performs maintenance, repair and calibration on pneumatic, hydraulic, electronic and gas driven tools and equipment.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects future costs for this cost center with labor cost staying reasonably flat from 2013.

Non-Labor - Base YR Rec

The base year model accurately reflects future cost forecast for this cost center. The increase over 2014 is due to the expiration of warranty for tools, repair and replacement parts and gas cylinder valve replacement and re-certification.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		1,311	1,223	1,262	1,307	1,227	1,325	1,325	1,325	
Non-Labor		1,811	1,784	1,710	1,893	2,069	2,069	2,211	2,211	
NSE		0	0	0	0	0	0	0	0	
Total		3,122	3,007	2,973	3,201	3,296	3,394	3,536	3,536	
FTE		16.1	14.9	15.6	16.0	15.0	15.0	15.0	15.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS002.000 - FABRICATION & TOOL REPAIR

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	1,227	1,227	1,227	98	98	98	1,325	1,325	1,325
Non-Labor	Base YR Rec	2,069	2,069	2,069	0	142	142	2,069	2,211	2,211
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		3,296	3,296	3,296	98	240	240	3,394	3,536	3,536
FTE	Base YR Rec	15.0	15.0	15.0	0.0	0.0	0.0	15.0	15.0	15.0

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adj Type</u>
2014	98	0	0	98	0.0	1-Sided Adj

Labor needed to complete anticipated work flow.

2014 Total	98	0	0	98	0.0	
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2015	98	0	0	98	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

2015	0	142	0	142	0.0	1-Sided Adj
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Tool Repair Calibration and Maintenance

2015 Total	98	142	0	240	0.0	
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2016	98	0	0	98	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

2016	0	142	0	142	0.0	1-Sided Adj
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Tool Repair Calibration and Maintenance

2016 Total	98	142	0	240	0.0	
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Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: B. Logistics and Shops
Category-Sub: 1. Logistics & Shops
Workpaper: 2SS002.000 - FABRICATION & TOOL REPAIR

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	1,007	969	1,034	1,100	1,052
Non-Labor	1,635	1,651	1,645	1,861	2,069
NSE	0	0	0	0	0
Total	2,642	2,620	2,679	2,961	3,121
FTE	13.5	12.7	13.3	13.7	12.8
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	1,007	969	1,034	1,100	1,052
Non-Labor	1,635	1,651	1,645	1,861	2,069
NSE	0	0	0	0	0
Total	2,642	2,620	2,679	2,961	3,121
FTE	13.5	12.7	13.3	13.7	12.8
Vacation & Sick (Nominal \$)					
Labor	182	169	172	176	175
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	182	169	172	176	175
FTE	2.6	2.3	2.3	2.3	2.2
Escalation to 2013\$					
Labor	122	85	57	31	0
Non-Labor	176	133	66	33	0
NSE	0	0	0	0	0
Total	298	218	122	63	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	1,311	1,223	1,262	1,307	1,227
Non-Labor	1,811	1,784	1,710	1,893	2,069
NSE	0	0	0	0	0
Total	3,122	3,007	2,973	3,201	3,296
FTE	16.1	15.0	15.6	16.0	15.0

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS002.000 - FABRICATION & TOOL REPAIR

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS003.000 - METER SHOPS & RECORDS

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS003.000 - METER SHOPS & RECORDS

Activity Description:

Meter Shop & Records

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects the future labor forecast for this cost center. No additional increase in labor is expected in future years over 2013 actuals.

Non-Labor - Base YR Rec

The base year model accurately reflects the future non- labor forecast for this cost center. No additional increase in non-labor is expected in future years over 2013 actuals.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		1,555	1,580	1,442	1,455	1,264	1,365	1,365	1,365	
Non-Labor		474	561	494	493	421	421	421	421	
NSE		0	0	0	0	0	0	0	0	
Total		2,029	2,141	1,936	1,947	1,685	1,786	1,786	1,786	
FTE		24.2	24.3	22.3	22.2	18.8	18.8	18.8	18.8	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS003.000 - METER SHOPS & RECORDS

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	1,264	1,264	1,264	101	101	101	1,365	1,365	1,365
Non-Labor	Base YR Rec	421	421	421	0	0	0	421	421	421
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		1,685	1,685	1,685	101	101	101	1,786	1,786	1,786
FTE	Base YR Rec	18.8	18.8	18.8	0.0	0.0	0.0	18.8	18.8	18.8

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adj Type</u>
2014	101	0	0	101	0.0	1-Sided Adj

Labor needed to complete anticipated work flow.

2014 Total	101	0	0	101	0.0	
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2015	101	0	0	101	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

2015 Total	101	0	0	101	0.0	
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2016	101	0	0	101	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow.

2016 Total	101	0	0	101	0.0	
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Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: B. Logistics and Shops
Category-Sub: 1. Logistics & Shops
Workpaper: 2SS003.000 - METER SHOPS & RECORDS

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	1,195	1,251	1,181	1,224	1,084
Non-Labor	427	519	475	484	421
NSE	0	0	0	0	0
Total	1,622	1,770	1,656	1,709	1,505
FTE	20.4	20.5	19.0	19.0	16.1
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	1,195	1,251	1,181	1,224	1,084
Non-Labor	427	519	475	484	421
NSE	0	0	0	0	0
Total	1,622	1,770	1,656	1,709	1,505
FTE	20.4	20.5	19.0	19.0	16.1
Vacation & Sick (Nominal \$)					
Labor	216	219	196	196	180
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	216	219	196	196	180
FTE	3.9	3.7	3.3	3.2	2.7
Escalation to 2013\$					
Labor	144	109	65	34	0
Non-Labor	46	42	19	9	0
NSE	0	0	0	0	0
Total	190	151	84	43	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	1,555	1,580	1,442	1,455	1,264
Non-Labor	474	561	494	493	421
NSE	0	0	0	0	0
Total	2,029	2,141	1,936	1,947	1,685
FTE	24.3	24.2	22.3	22.2	18.8

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: B. Logistics and Shops
 Category-Sub: 1. Logistics & Shops
 Workpaper: 2SS003.000 - METER SHOPS & RECORDS

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: C. Procurement
Workpaper: VARIOUS

Summary for Category: C. Procurement

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	1,662	1,662	1,662	1,662
Non-Labor	67	67	67	67
NSE	0	0	0	0
Total	1,729	1,729	1,729	1,729
FTE	20.9	20.9	20.9	20.9

Workpapers belonging to this Category:

2SS004.000 GAS PORTFOLIO

Labor	986	986	986	986
Non-Labor	30	30	30	30
NSE	0	0	0	0
Total	1,016	1,016	1,016	1,016
FTE	12.7	12.7	12.7	12.7

2SS008.000 SUPPORT SERVICES NORTH

Labor	676	676	676	676
Non-Labor	37	37	37	37
NSE	0	0	0	0
Total	713	713	713	713
FTE	8.2	8.2	8.2	8.2

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS004.000 - GAS PORTFOLIO

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS004.000 - GAS PORTFOLIO

Activity Description:

This cost center provides procurement services for all gas related construction materials and services.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects future needs. The additional funds over 2013 actuals are necessary to support the increased activity that is related to gas infrastructure projects that include the pipeline integrity initiative, the gas infrastructure protection program and the distribution integrity maintenance program.

Non-Labor - Base YR Rec

The base year model accurately reflects future needs. The additional funds over 2013 actuals are necessary to support the increased activity that is related to gas infrastructure projects that include the pipeline integrity initiative, the gas infrastructure protection program and the distribution integrity maintenance program.

NSE - Base YR Rec

n/a

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		519	554	683	728	986	986	986	986	
Non-Labor		59	28	26	34	30	30	30	30	
NSE		0	0	0	0	0	0	0	0	
Total		578	582	709	763	1,016	1,016	1,016	1,016	
FTE		6.5	6.9	8.5	9.3	12.7	12.7	12.7	12.7	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS004.000 - GAS PORTFOLIO

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	986	986	986	0	0	0	986	986	986
Non-Labor	Base YR Rec	30	30	30	0	0	0	30	30	30
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		1,016	1,016	1,016	0	0	0	1,016	1,016	1,016
FTE	Base YR Rec	12.7	12.7	12.7	0.0	0.0	0.0	12.7	12.7	12.7

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014 Total	0	0	0	0	0.0	
2015 Total	0	0	0	0	0.0	
2016 Total	0	0	0	0	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: C. Procurement
Category-Sub: 1. Portfolios / Contracting
Workpaper: 2SS004.000 - GAS PORTFOLIO

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	399	439	559	613	846
Non-Labor	53	25	25	34	30
NSE	0	0	0	0	0
Total	452	465	585	647	875
FTE	5.5	5.9	7.3	8.0	10.9
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	399	439	559	613	846
Non-Labor	53	25	25	34	30
NSE	0	0	0	0	0
Total	452	465	585	647	875
FTE	5.5	5.9	7.3	8.0	10.9
Vacation & Sick (Nominal \$)					
Labor	72	77	93	98	141
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	72	77	93	98	141
FTE	1.0	1.1	1.2	1.3	1.8
Escalation to 2013\$					
Labor	48	38	31	17	0
Non-Labor	6	2	1	1	0
NSE	0	0	0	0	0
Total	54	40	32	18	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	519	554	683	728	986
Non-Labor	59	28	26	34	30
NSE	0	0	0	0	0
Total	578	582	709	763	1,016
FTE	6.5	7.0	8.5	9.3	12.7

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS004.000 - GAS PORTFOLIO

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS008.000 - SUPPORT SERVICES NORTH

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS008.000 - SUPPORT SERVICES NORTH

Activity Description:

The cost center provides procurement services and support for facilities and fleet departments and all professional services for SoCalGas.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects the trend for labor cost of with one additional FTE added in 2015 to support increased activity for SoCalGas infrastructure projects.

Non-Labor - Base YR Rec

The base year model accurately reflects the trend in non- labor cost associated with the addition of one FTE to support training and other associated cost.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		0	0	371	694	676	676	676	676	
Non-Labor		0	0	14	55	37	37	37	37	
NSE		0	0	0	0	0	0	0	0	
Total		0	0	385	749	713	713	713	713	
FTE		0.0	0.0	3.6	7.7	8.2	8.2	8.2	8.2	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS008.000 - SUPPORT SERVICES NORTH

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	676	676	676	0	0	0	676	676	676
Non-Labor	Base YR Rec	37	37	37	0	0	0	37	37	37
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		713	713	713	0	0	0	713	713	713
FTE	Base YR Rec	8.2	8.2	8.2	0.0	0.0	0.0	8.2	8.2	8.2

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014 Total	0	0	0	0	0.0	
2015 Total	0	0	0	0	0.0	
2016 Total	0	0	0	0	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: C. Procurement
Category-Sub: 1. Portfolios / Contracting
Workpaper: 2SS008.000 - SUPPORT SERVICES NORTH

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	0	0	304	584	579
Non-Labor	0	0	14	54	37
NSE	0	0	0	0	0
Total	0	0	317	638	616
FTE	0.0	0.0	3.0	6.6	7.0
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	0	0	304	584	579
Non-Labor	0	0	14	54	37
NSE	0	0	0	0	0
Total	0	0	317	638	616
FTE	0.0	0.0	3.0	6.6	7.0
Vacation & Sick (Nominal \$)					
Labor	0	0	50	94	96
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	50	94	96
FTE	0.0	0.0	0.5	1.1	1.2
Escalation to 2013\$					
Labor	0	0	17	16	0
Non-Labor	0	0	1	1	0
NSE	0	0	0	0	0
Total	0	0	17	17	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	0	371	694	676
Non-Labor	0	0	14	55	37
NSE	0	0	0	0	0
Total	0	0	385	749	713
FTE	0.0	0.0	3.5	7.7	8.2

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: C. Procurement
 Category-Sub: 1. Portfolios / Contracting
 Workpaper: 2SS008.000 - SUPPORT SERVICES NORTH

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: D. Supplier Diversity
Workpaper: 2SS007.000

Summary for Category: D. Supplier Diversity

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	372	432	432	432
Non-Labor	946	946	1,096	1,096
NSE	0	0	0	0
Total	1,318	1,378	1,528	1,528
FTE	4.0	4.0	4.0	4.0

Workpapers belonging to this Category:

2SS007.000 DIVERSE BUSINESS ENTERPRISES

Labor	372	432	432	432
Non-Labor	946	946	1,096	1,096
NSE	0	0	0	0
Total	1,318	1,378	1,528	1,528
FTE	4.0	4.0	4.0	4.0

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS007.000 - DIVERSE BUSINESS ENTERPRISES

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: D. Supplier Diversity
 Category-Sub: 1. Supplier Diversity
 Workpaper: 2SS007.000 - DIVERSE BUSINESS ENTERPRISES

Activity Description:

This cost center contains all cost directly related to supplier diversity activities for SoCalGas.

Forecast Explanations:

Labor - Base YR Rec

The base year model accurately reflects the expected trend of labor cost in future years which will remain reasonably flat.

Non-Labor - Base YR Rec

The base year model accurately reflects the trend of cost in this category. The increase is due to requirements for technical assistance and the development and support of new DBE supplier programs and related outreach.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		0	110	656	512	372	432	432	432	
Non-Labor		0	13	656	625	946	946	1,096	1,096	
NSE		0	0	0	0	0	0	0	0	
Total		0	123	1,311	1,137	1,319	1,379	1,529	1,529	
FTE		0.0	1.2	6.4	5.7	4.0	4.0	4.0	4.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: D. Supplier Diversity
 Category-Sub: 1. Supplier Diversity
 Workpaper: 2SS007.000 - DIVERSE BUSINESS ENTERPRISES

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	372	372	372	60	60	60	432	432	432
Non-Labor	Base YR Rec	946	946	946	0	150	150	946	1,096	1,096
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		1,319	1,319	1,319	60	210	210	1,379	1,529	1,529
FTE	Base YR Rec	4.0	4.0	4.0	0.0	0.0	0.0	4.0	4.0	4.0

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014	60	0	0	60	0.0	1-Sided Adj

Labor needed to complete anticipated work flow in support of Mentor Protege Program and increased Technical Assistance Support.

2014 Total	60	0	0	60	0.0	
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2015	0	50	0	50	0.0	1-Sided Adj
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Supplier Diversity Technical Assistance Increase

2015	60	0	0	60	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow in support of Mentor Protege Program and increased Technical Assistance Support.

2015	0	100	0	100	0.0	1-Sided Adj
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Supplier Diversity Mentor Protege Program

2015 Total	60	150	0	210	0.0	
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2016	0	50	0	50	0.0	1-Sided Adj
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Supplier Diversity Technical Assistance Increase

2016	60	0	0	60	0.0	1-Sided Adj
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Labor needed to complete anticipated work flow in support of Mentor Protege Program and increased Technical Assistance Support.

Note: Totals may include rounding differences.

Southern California Gas Company
 2016 GRC - REVISED
 Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: D. Supplier Diversity
 Category-Sub: 1. Supplier Diversity
 Workpaper: 2SS007.000 - DIVERSE BUSINESS ENTERPRISES

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2016	0	100	0	100	0.0	1-Sided Adj
Supplier Diversity Mentor Protege Program						
2016 Total	60	150	0	210	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: D. Supplier Diversity
Category-Sub: 1. Supplier Diversity
Workpaper: 2SS007.000 - DIVERSE BUSINESS ENTERPRISES

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	0	87	537	431	331
Non-Labor	0	12	631	614	946
NSE	0	0	0	0	0
Total	0	99	1,168	1,045	1,277
FTE	0.0	1.0	5.4	4.9	3.6
Adjustments (Nominal \$) **					
Labor	0	0	0	0	-12
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	-12
FTE	0.0	0.0	0.0	0.0	-0.2
Recorded-Adjusted (Nominal \$)					
Labor	0	87	537	431	319
Non-Labor	0	12	631	614	946
NSE	0	0	0	0	0
Total	0	99	1,168	1,045	1,266
FTE	0.0	1.0	5.4	4.9	3.4
Vacation & Sick (Nominal \$)					
Labor	0	15	89	69	53
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	15	89	69	53
FTE	0.0	0.2	0.9	0.8	0.6
Escalation to 2013\$					
Labor	0	8	30	12	0
Non-Labor	0	1	25	11	0
NSE	0	0	0	0	0
Total	0	9	55	23	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	110	656	512	372
Non-Labor	0	13	656	625	946
NSE	0	0	0	0	0
Total	0	123	1,311	1,137	1,319
FTE	0.0	1.2	6.3	5.7	4.0

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: D. Supplier Diversity
 Category-Sub: 1. Supplier Diversity
 Workpaper: 2SS007.000 - DIVERSE BUSINESS ENTERPRISES

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	-12
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	-12
FTE	0.0	0.0	0.0	0.0	-0.2

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009 Total	0	0	0	0.0			
2010 Total	0	0	0	0.0			
2011 Total	0	0	0	0.0			
2012 Total	0	0	0	0.0			
2013	-12	0	0	-0.2	CCTR Transf	From 2200-0331.000	RMCHRIST20140 423122450737
Budget Planner Transfer in 2013. Transfer 2013 Budget Planner dollars from cost center 2200-2352 in work paper group 2SS007 to cost center 2200-0331 in work paper group 200006.							
2013 Total	-12	0	0	-0.2			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: E. Document Management and Office Services
 Workpaper: 2SS006.000

Summary for Category: E. Document Management and Office Services

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	0	0	0	0
Non-Labor	3,126	3,126	3,126	3,126
NSE	0	0	0	0
Total	<u>3,126</u>	<u>3,126</u>	<u>3,126</u>	<u>3,126</u>
FTE	0.0	0.0	0.0	0.0

Workpapers belonging to this Category:

2SS006.000 DOCUMENT & OFFICE SERVICES

Labor	0	0	0	0
Non-Labor	3,126	3,126	3,126	3,126
NSE	0	0	0	0
Total	<u>3,126</u>	<u>3,126</u>	<u>3,126</u>	<u>3,126</u>
FTE	0.0	0.0	0.0	0.0

Note: Totals may include rounding differences.

Beginning of Workpaper
2SS006.000 - DOCUMENT & OFFICE SERVICES

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: E. Document Management and Office Services
 Category-Sub: 1. Doc & Office Services
 Workpaper: 2SS006.000 - DOCUMENT & OFFICE SERVICES

Activity Description:

This cost center provides non-labor services of postage, printshop, mail/courier services and records management services used by all SoCalGas employees.

Forecast Explanations:

Labor - Base YR Rec

N/A

Non-Labor - Base YR Rec

The base year model accurately reflects future expected cost due to the increase of Company infrastructure projects such as the distribution integrity management program, the pipeline integrity program, and the gas infrastructure protection program. This cost center supports the Company initiatives and activities of all of SoCalGas.

NSE - Base YR Rec

N/A

Summary of Results:

		In 2013\$ (000) Incurred Costs								
		Adjusted-Recorded					Adjusted-Forecast			
Years		2009	2010	2011	2012	2013	2014	2015	2016	
Labor		0	0	0	0	0	0	0	0	
Non-Labor		2,639	2,661	2,614	2,887	3,126	3,126	3,126	3,126	
NSE		0	0	0	0	0	0	0	0	
Total		2,639	2,661	2,614	2,887	3,126	3,126	3,126	3,126	
FTE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: E. Document Management and Office Services
 Category-Sub: 1. Doc & Office Services
 Workpaper: 2SS006.000 - DOCUMENT & OFFICE SERVICES

Forecast Summary:

In 2013 \$(000) Incurred Costs										
Forecast Method		Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2014	2015	2016	2014	2015	2016	2014	2015	2016
Labor	Base YR Rec	0	0	0	0	0	0	0	0	0
Non-Labor	Base YR Rec	3,126	3,126	3,126	0	0	0	3,126	3,126	3,126
NSE	Base YR Rec	0	0	0	0	0	0	0	0	0
Total		3,126	3,126	3,126	0	0	0	3,126	3,126	3,126
FTE	Base YR Rec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Forecast Adjustment Details:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	<u>Adi Type</u>
2014 Total	0	0	0	0	0.0	
2015 Total	0	0	0	0	0.0	
2016 Total	0	0	0	0	0.0	

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs
Category: E. Document Management and Office Services
Category-Sub: 1. Doc & Office Services
Workpaper: 2SS006.000 - DOCUMENT & OFFICE SERVICES

Determination of Adjusted-Recorded (Incurred Costs):

	2009 (\$000)	2010 (\$000)	2011 (\$000)	2012 (\$000)	2013 (\$000)
Recorded (Nominal \$)*					
Labor	0	0	0	0	0
Non-Labor	2,131	2,311	2,396	2,667	2,902
NSE	0	0	0	0	0
Total	2,131	2,311	2,396	2,667	2,902
FTE	0.0	0.0	0.0	0.0	0.0
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	251	151	119	171	224
NSE	0	0	0	0	0
Total	251	151	119	171	224
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	0	0	0	0	0
Non-Labor	2,382	2,462	2,514	2,837	3,126
NSE	0	0	0	0	0
Total	2,382	2,462	2,514	2,837	3,126
FTE	0.0	0.0	0.0	0.0	0.0
Vacation & Sick (Nominal \$)					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Escalation to 2013\$					
Labor	0	0	0	0	0
Non-Labor	257	199	100	50	0
NSE	0	0	0	0	0
Total	257	199	100	50	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	0	0	0	0
Non-Labor	2,639	2,661	2,614	2,887	3,126
NSE	0	0	0	0	0
Total	2,639	2,661	2,614	2,887	3,126
FTE	0.0	0.0	0.0	0.0	0.0

* After company-wide exclusions of Non-GRC costs

** Refer to "Detail of Adjustments to Recorded" page for line item adjustments

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: E. Document Management and Office Services
 Category-Sub: 1. Doc & Office Services
 Workpaper: 2SS006.000 - DOCUMENT & OFFICE SERVICES

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs					
Years	2009	2010	2011	2012	2013
Labor	0	0	0	0	0
Non-Labor	251	151	119	171	224
NSE	0	0	0	0	0
Total	251	151	119	171	224
FTE	0.0	0.0	0.0	0.0	0.0

Detail of Adjustments to Recorded:

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From CCtr</u>	<u>RefID</u>
2009	0	2	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52629500
	Transfer of historical cost Office Services activity that was performed for SCG.						
2009	0	183	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52711047
	Transfer of historical cost Office Services activity that was performed for SCG.						
2009	0	67	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52745150
	Transfer of historical cost Office Services activity that was performed for SCG.						
2009 Total	0	251	0	0.0			
2010	0	1	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52906213
	Transfer of historical cost Office Services activity that was performed for SCG.						
2010	0	89	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52926140
	Transfer of historical cost Office Services activity that was performed for SCG.						
2010	0	60	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 52955303
	Transfer of historical cost Office Services activity that was performed for SCG.						
2010 Total	0	151	0	0.0			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
 Witness: Richard D. Hobbs
 Category: E. Document Management and Office Services
 Category-Sub: 1. Doc & Office Services
 Workpaper: 2SS006.000 - DOCUMENT & OFFICE SERVICES

<u>Year/Expl.</u>	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	<u>Adj Type</u>	<u>From Cctr</u>	<u>RefID</u>
2011	0	60	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 53115797
Transfer of historical cost Office Services activity that was performed for SCG.							
2011	0	58	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 53143887
Transfer of historical cost Office Services activity that was performed for SCG.							
2011 Total	0	119	0	0.0			
2012	0	111	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 53239080
Transfer of historical cost Office Services activity that was performed for SCG.							
2012	0	60	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201310311 53300740
Transfer of historical cost Office Services activity that was performed for SCG.							
2012 Total	0	171	0	0.0			
2013	0	131	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201403251 23859420
These funds were transferred as this activity is now conducted at 2200-2159.							
2013	0	93	0	0.0	CCTR Transf	From 2100-3018.000	SDEW201403251 23933090
These funds were transferred as this activity is now conducted at 2200-2159.							
2013 Total	0	224	0	0.0			

Note: Totals may include rounding differences.

Southern California Gas Company
2016 GRC - REVISED
Non-Shared Service Workpapers

Area: SUPPLY MANAGEMENT & SUPPLIER DIVERSITY
Witness: Richard D. Hobbs

Appendix A: List of Non-Shared Cost Centers

Cost Center	Sub	Description
2200-0008	000	ADMIN SERVICES
2200-0620	000	GAS PORTFOLIO MANAGER
2200-0621	000	VALENCIA STOREROOM
2200-0622	000	OXNARD STOREROOM
2200-0679	000	SAN DIMAS STOREROOM
2200-0680	000	SAN BERNADINO STOREROOM
2200-0791	000	LOGISTICS NORTH MANAGER
2200-0794	000	MATERIAL DISTRIBUTION
2200-0795	000	MATERIAL SERVICES INVENTORY
2200-0796	000	SOUTH STOREROOM
2200-0797	000	RECEIVING AND SUPPORT
2200-0798	000	METER SHOP & RECORDS
2200-0800	000	FABRICATION & REPAIR
2200-2011	000	BUSINESS PLANNING & BUDGETS
2200-2142	000	SUPPLY MANAGEMENT DIRECTOR
2200-2151	000	SUPPLY MGMT & FLEET SERVICES VP
2200-2159	000	DOCUMENT & OFFICE SERVICES - SCG
2200-2301	000	SUPPLY CHAIN PROJECTS
2200-2352	000	DIVERSE BUS ENTERPRISES SCG
2200-2380	000	SUPPORT SERVICES NTH
2200-2381	000	IT & TELECOM PORTFOLIO - SCG
2200-2476	000	SUPPLY SERVICES & DIVERSE BUSINESS ENTERPRISES