

Application of SAN DIEGO GAS & ELECTRIC)
COMPANY for authority to update its gas and)
electric revenue requirement and base rates)
effective January 1, 2016 (U 902-M))

Application No. 14-11-____
Exhibit No.: (SDG&E-23-WP)

WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF DAVID I. SARKARIA
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

NOVEMBER 2014



2016 General Rate Case - APP
INDEX OF WORKPAPERS

Exhibit SDG&E-23-WP - PENSION & PBOPS

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Overall Summary For Exhibit No. SDG&E-23-WP

Area:	PENSION & PBOPs
Witness:	David I. Sarkaria

Description	In 2013 \$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
<i>Non-Shared Services</i>	60,972	59,684	8,972	9,550
<i>Shared Services</i>	0	0	0	0
Total	60,972	59,684	8,972	9,550

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
 2016 GRC - APP
 Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria

Summary of Non-Shared Services Workpapers:

Description	In 2013 \$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
A. EMPLOYEE PENSION	60,972	59,684	8,972	9,550
Total	60,972	59,684	8,972	9,550

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
Witness: David I. Sarkaria
Category: A. EMPLOYEE PENSION
Workpaper: VARIOUS

Summary for Category: A. EMPLOYEE PENSION

	In 2013\$ (000) Incurred Costs			
	Adjusted-Recorded	Adjusted-Forecast		
	2013	2014	2015	2016
Labor	0	0	0	0
Non-Labor	60,972	0	0	0
NSE	0	59,684	8,972	9,550
Total	60,972	59,684	8,972	9,550
FTE	0.0	0.0	0.0	0.0

Workpapers belonging to this Category:

1PN000.000 EMPLOYEE PENSION

Labor	0	0	0	0
Non-Labor	46,779	0	0	0
NSE	0	48,660	0	0
Total	46,779	48,660	0	0
FTE	0.0	0.0	0.0	0.0

1PN000.001 EMPLOYEE PENSION-PBOP

Labor	0	0	0	0
Non-Labor	14,193	0	0	0
NSE	0	11,024	8,972	9,550
Total	14,193	11,024	8,972	9,550
FTE	0.0	0.0	0.0	0.0

Note: Totals may include rounding differences.

Beginning of Workpaper
1PN000.000 - EMPLOYEE PENSION

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 1. EMPLOYEE PENSION
 Workpaper: 1PN000.000 - EMPLOYEE PENSION

Activity Description:

This is SDG&E's qualified retirement benefits plan, also known as the San Diego Gas & Electric Company Cash Balance Plan. Represented and non-represented employees participate in the plan.

Forecast Explanations:

Labor - Zero-Based

Please see NSE below

Non-Labor - Zero-Based

Please see NSE below

NSE - Zero-Based

Zero Based method chosen as pension contributions are provided by the Company's certified actuary Towers Watson.

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		62,812	60,938	70,152	44,818	46,779	0	0	0	
NSE		0	0	0	0	0	48,660	0	0	
Total		62,812	60,938	70,152	44,818	46,779	48,660	0	0	
FTE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 1. EMPLOYEE PENSION
 Workpaper: 1PN000.000 - EMPLOYEE PENSION

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	Zero-Based	0	0	0	0	0	0	0	0	0
Non-Labor	Zero-Based	0	0	0	0	0	0	0	0	0
NSE	Zero-Based	0	0	0	48,660	0	0	48,660	0	0
Total		0	0	0	48,660	0	0	48,660	0	0
FTE	Zero-Based	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>Adj Type</u>
2014	0	0	48,660	48,660	0.0	1-Sided Adj
2014 Pension Projection						
2014 Total	0	0	48,660	48,660	0.0	
2015	0	0	0	0	0.0	1-Sided Adj
2015 Pension Projection						
2015 Total	0	0	0	0	0.0	
2016	0	0	0	0	0.0	1-Sided Adj
2016 Pension Projection						
2016 Total	0	0	0	0	0.0	

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
Witness: David I. Sarkaria
Category: A. EMPLOYEE PENSION
Category-Sub: 1. EMPLOYEE PENSION
Workpaper: 1PN000.000 - EMPLOYEE PENSION

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	56,833	56,967	68,461	44,956	46,779
NSE	0	0	0	0	0
Total	56,833	56,967	68,461	44,956	46,779
FTE	0.0	0.0	0.0	0.0	0.0
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	-574	-935	-838	0
NSE	0	0	0	0	0
Total	0	-574	-935	-838	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	0	0	0	0	0
Non-Labor	56,833	56,393	67,526	44,118	46,779
NSE	0	0	0	0	0
Total	56,833	56,393	67,526	44,118	46,779
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	5,979	4,545	2,627	700	0
NSE	0	0	0	0	0
Total	5,979	4,545	2,627	700	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	0	0	0	0
Non-Labor	62,812	60,938	70,152	44,818	46,779
NSE	0	0	0	0	0
Total	62,812	60,938	70,152	44,818	46,779
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.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 1. EMPLOYEE PENSION
 Workpaper: 1PN000.000 - EMPLOYEE PENSION

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	-574	-935	-838	0
NSE	0	0	0	0	0
Total	0	-574	-935	-838	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	0	-574	0	0.0	1-Sided Adj	N/A	DSREED2013120 6105217373
Adjust to agree to pension funding amount							
2010 Total	0	-574	0	0.0			
2011	0	-935	0	0.0	1-Sided Adj	N/A	DSREED2013120 6105551967
Adjustment to agree to pension funding amount							
2011 Total	0	-935	0	0.0			
2012	0	-838	0	0.0	1-Sided Adj	N/A	DSREED2013120 6110541023
Adjust pension to equal amount funded							
2012 Total	0	-838	0	0.0			
2013 Total	0	0	0	0.0			

Note: Totals may include rounding differences.

Supplemental Workpapers for Workpaper 1PN000.000

San Diego Gas & Electric
 Pension Contribution Projection
 For Years 2014-2016

ASSUMPTIONS

1. Pension contribution amounts based on estimates provided by the Company's certified actuary, Towers Watson.

	<u>Actual</u>	<u>Projected</u>		
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Pension Contributions	<u>\$ 46,779,282</u>	<u>\$ 48,660,000</u>	<u>\$ -</u>	<u>\$ -</u>

**San Diego Gas & Electric Company Qualified Pension Plan
 General Rate Case Forecast
 FAS Costs - Minimum Required Contribution - Maximum Allowable Deduction
 Reflecting New Segment Rates Passed in the Highway and Transportation Funding Act of 2014 (HATFA)
 (in millions)**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
• FAS Cost	20.12	21.19	29.35	31.96	33.05	31.31	29.95	28.23	27.45	27.94
• Minimum Required	48.66	0.00	0.00	34.80	40.89	45.36	48.61	48.95	36.56	20.36
• Maximum Deductible	591.32	506.31	556.40	595.84	636.31	670.13	692.97	694.60	672.43	664.32
• Active Participant Headcount ⁽¹⁾	4,555	4,603	4,795	4,854	4,893	4,893	4,893	4,893	4,893	4,893
• FAS Funded Percentage (AVA ÷ FT)	99%	108%	104%	100%	98%	96%	96%	98%	101%	93%

⁽¹⁾ 2014 headcounts based on 1.1.2014 valuation data, forecasted active participant headcount provided by Sempra. Values shown reflect one-year service requirement for plan eligible employees.

SDG&E PENSION & PROFIT SHARING PLAN
 Non-Shared Service Workpapers
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 SDG&E-23-WP/Witness: D. Sarkaria

San Diego Gas & Electric Company
 2016 GRC - APP
 Non-Shared Service Workpapers

**San Diego Gas & Electric Company Qualified Pension Plan
 General Rate Case Forecast
 FAS Costs - Minimum Required Contribution - Maximum Allowable Deduction
 Reflecting New Segment Rates Passed in the Highway and Transportation Funding Act of 2014 (HATFA)**

Assumptions and Notes

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
• Discount rate (FAS costs)	4.70%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%
• Effective interest rate (PPA - contributions)	6.40%	6.20%	6.02%	5.83%	5.35%	4.92%	4.57%	4.37%	4.35%	4.34%
• Cash balance crediting rate	3.80%	3.52%	3.52%	3.52%	3.52%	3.52%	3.52%	3.52%	3.52%	3.52%
• Annual compensation rate of increase	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded	Age-graded
• Expected return on assets (FAS costs)	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
• Assumed investment return	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
• Lump sum rate	See notes									
• Lump Sum Take Rate for All Years	90%									

Notes

- January 1, 2014 participant census
- December 31, 2013 value of assets
- Plan provisions as of January 1, 2014
- April 30, 2014 capital market conditions used to determine discount rates and cash balance/HRA crediting rates for 2015 and beyond
- All plans reflect annual mortality improvements for 2014 and 2015
- The mortality tables were changed from RP-2000 "Employees"/"Healthy Annuitants" tables using Scale AA to RP-2014 mortality tables projected using Scale MP-2014 starting in 2016
- Balance of assumptions same as noted in draft 2014 actuarial valuation reports
- SDG&E contributes minimum required contribution
- Forecasted counts reflect anticipated future headcount increases, and known participant transfers between plans during 2013
- For FAS costs, lump sum rate is a single effective rate based on PPA segment rates for November of prior year. For PPA contributions, lump sum rate is equal to the PPA segment rates.

Beginning of Workpaper
1PN000.001 - EMPLOYEE PENSION-PBOP

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 2. EMPLOYEE PENSION-PBOP
 Workpaper: 1PN000.001 - EMPLOYEE PENSION-PBOP

Activity Description:

SDG&E provides post-retirement benefits other than pensions (PBOP) such as health and life insurance benefits, also known as the San Diego Gas & Electric Company Postretirement Health and Life Plans. Represented and non-represented employees participate in the plan.

Forecast Explanations:

Labor - Zero-Based

Please see NSE below

Non-Labor - Zero-Based

Please see NSE below

NSE - Zero-Based

Zero Based method chosen as PBOP contributions are provided by the Company's certified actuary Towers Watson.

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		17,191	16,364	15,491	13,549	14,193	0	0	0	
NSE		0	0	0	0	0	11,024	8,972	9,550	
Total		17,191	16,364	15,491	13,549	14,193	11,024	8,972	9,550	
FTE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 2. EMPLOYEE PENSION-PBOP
 Workpaper: 1PN000.001 - EMPLOYEE PENSION-PBOP

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	Zero-Based	0	0	0	0	0	0	0	0	0
Non-Labor	Zero-Based	0	0	0	0	0	0	0	0	0
NSE	Zero-Based	0	0	0	11,024	8,972	9,550	11,024	8,972	9,550
Total		0	0	0	11,024	8,972	9,550	11,024	8,972	9,550
FTE	Zero-Based	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>Adj Type</u>
2014	0	0	11,024	11,024	0.0	1-Sided Adj
2014 PBOP projection						
2014 Total	0	0	11,024	11,024	0.0	
2015	0	0	8,972	8,972	0.0	1-Sided Adj
2015 PBOP projection						
2015 Total	0	0	8,972	8,972	0.0	
2016	0	0	9,550	9,550	0.0	1-Sided Adj
2016 PBOP projection						
2016 Total	0	0	9,550	9,550	0.0	

Note: Totals may include rounding differences.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
Witness: David I. Sarkaria
Category: A. EMPLOYEE PENSION
Category-Sub: 2. EMPLOYEE PENSION-PBOP
Workpaper: 1PN000.001 - EMPLOYEE PENSION-PBOP

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	15,554	15,195	14,910	13,337	14,193
NSE	0	0	0	0	0
Total	15,554	15,195	14,910	13,337	14,193
FTE	0.0	0.0	0.0	0.0	0.0
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	-52	0	0	0
NSE	0	0	0	0	0
Total	0	-52	0	0	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nominal \$)					
Labor	0	0	0	0	0
Non-Labor	15,554	15,144	14,910	13,337	14,193
NSE	0	0	0	0	0
Total	15,554	15,144	14,910	13,337	14,193
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	1,636	1,221	580	212	0
NSE	0	0	0	0	0
Total	1,636	1,221	580	212	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2013\$)					
Labor	0	0	0	0	0
Non-Labor	17,191	16,364	15,491	13,549	14,193
NSE	0	0	0	0	0
Total	17,191	16,364	15,491	13,549	14,193
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.

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
 Witness: David I. Sarkaria
 Category: A. EMPLOYEE PENSION
 Category-Sub: 2. EMPLOYEE PENSION-PBOP
 Workpaper: 1PN000.001 - EMPLOYEE PENSION-PBOP

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	-52	0	0	0
NSE	0	0	0	0	0
Total	0	-52	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	0	-52	0	0.0	1-Sided Adj	N/A	DSREED2013120
Adjust to agree to PBOP funding amount							6105237137
2010 Total	0	-52	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.

Supplemental Workpapers for Workpaper 1PN000.001

San Diego Gas & Electric
PBOP Contribution Projection
For Years 2014-2016

ASSUMPTIONS

1. PBOP contribution amounts based on estimates provided by the Company's certified actuary, Towers Watson.

	<u>Actual</u>	<u>Projected</u>		
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
PBOP Contributions	<u><u>\$ 14,193,202</u></u>	<u><u>\$ 11,020,000</u></u>	<u><u>\$ 9,030,000</u></u>	<u><u>\$ 9,550,000</u></u>

**San Diego Gas & Electric Company PBOP
General Rate Case Forecast
FAS Regulatory Costs
(in millions)**

Cost and contributions are for the respective years, headcount and funded status information is as of 1/1.

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
SDG&E PBOP ⁽¹⁾										
• FAS Cost ⁽²⁾	11.02	9.03	9.55	9.58	9.48	8.53	6.43	6.74	6.91	7.09
• Contributions ⁽³⁾	11.02	9.03	9.55	9.58	9.48	6.15	6.03	6.41	6.81	7.08
• Active Participant Headcount	4,603	4,795	4,854	4,893	4,893	4,893	4,893	4,893	4,893	4,893
• Fair Value of Assets	145.77	158.91	169.93	181.20	192.24	203.10	210.58	218.33	226.96	236.13
• APBO	168.09	189.60	203.17	210.48	217.56	224.57	231.68	239.48	248.08	257.16
• Funded Percentage (FV ÷ APBO)	87%	84%	84%	86%	88%	90%	91%	91%	91%	92%

⁽¹⁾ SDG&E excludes valuation of the retiree utility discount program.

⁽²⁾ SDG&E 2014 cost includes an estimated one-time charge of \$3.15M for the 2014 VREP.

⁽³⁾ Determining the max tax limits involves very detailed and complex calculations that are usually completed during the valuation process. Results for 2014 and later are rough estimates based on 2013 data and current forecast assumptions. More precise calculations, if desired, would require significant additional effort. Final 2014 results will be based on data updated to 2014. Actual results for 2014 on could be significantly different from those shown above. Based on these estimates, we project above contributions are limited by the maximum tax deductible contribution for 2019 through 2022.

SDG&E PBOP & PBO PSEXTN No:SDG&E-23-WP/Witness: D. Sarkaria
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**San Diego Gas & Electric Company PBOP
General Rate Case Forecast
FAS Regulatory Costs**

Assumptions and Notes

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<i>Baseline Assumptions:</i>										
• Discount rate (FAS costs)	5.00%	4.55%	4.55%	4.55%	4.55%	4.55%	4.55%	4.55%	4.55%	4.55%
• Expected return on assets (FAS costs)	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%
• Assumed investment return	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%	7%/4%
• Healthcare Trend										
	Varies by									
• Pre - 65	medical plan ⁽¹⁾	7.75%	7.75%	7.75%	6.50%	5.50%	5.00%	5.00%	5.00%	5.00%
• Post - 65		4.75%	4.75%	4.75%	4.75%	4.75%	4.50%	4.50%	4.50%	4.50%

⁽¹⁾ The trend rate used in 2014 was 13.9% for Anthem plans and -4.3% for Kaiser plans
For Mobile Gas, the trend rate used in 2014 was 8.25%

Notes

- January 1, 2013 participant census
- Forecasted counts reflect anticipated future headcount increases as provided by Sempra and known participant transfers between plans during 2013
- April 30, 2014 capital market conditions for determining discount rates and cash balance/HRA crediting rates for 2015 and beyond – market conditions are expected to remain constant throughout the forecast period
- December 31, 2013 value of assets
- Includes all plan changes described with December 31, 2013 disclosure
- SDG&E results were adjusted to reflect the estimated impact of the 2014 VREP.
- The 2014 trend rates were updated to reflect the most recent experience
- All plans reflect annual mortality improvements for 2014 and 2015
- The mortality tables were changed from RP-2000 "Employees"/"Healthy Annuitants" tables using Scale AA to RP-2014 mortality tables projected using Scale MP-2014 starting in 2016
- Other assumptions same as December 31, 2013 financial reporting
- SDG&E contributes the lesser of FAS cost or maximum tax deductible contributions

San Diego Gas & Electric Company
2016 GRC - APP
Non-Shared Service Workpapers

Area: PENSION & PBOPs
Witness: David I. Sarkaria

Appendix A: List of Non-Shared Cost Centers

Cost Center	Sub	Description
2100-0375	000	EMPLOYEE PENSION
2100-8001	000	EMP BEN-LIFE INSURANCE RETIRED-For GRC use only