Application of SAN DIEGO GAS & ELECTRIC)
COMPANY for authority to update its gas and)
electric revenue requirement and base rates)
effective January 1, 2019 (U 902-M))
Application No. 17-10	
Exhibit No · (SDG&E-02-WP)	

WORKPAPERS TO PREPARED DIRECT TESTIMONY OF GREGORY FLORES ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

OCTOBER 2017



2019 General Rate Case - APP INDEX OF WORKPAPERS

Exhibit SDG&E-02-WP - RISK MANAGEMENT

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Overall Summary For Exhibit No. SDG&E-02-WP

Area: RISK MANAGEMENT

Witness: Gregory Flores

Description

Non-Shared Services

Shared Services

Total

	In 2016 \$ (000) Incurred Costs								
Adjusted-Recorded		Adjusted-Forecast							
2016	2017	2018	2019						
0	0	0	0						
4,281	4,943	5,843	6,743						
4,281	4,943	5,843	6,743						

Area: RISK MANAGEMENT

Witness: Gregory Flores

Summary of Shared Services Workpapers:

Description

A. VP AGRM

B. Risk Management

Total

In 2016 \$ (000) Incurred Costs										
Adjusted- Recorded Adjusted-Forecast										
2016	2017	2017 2018 2019								
398	431	431	431							
3,883	4,512	5,412	6,312							
4,281	4,943	4,943 5,843 6,743								

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: A. VP AGRM
Cost Center: 2100-3934.000

Summary for Category: A. VP AGRM

		In 2016\$ (000) Incu	urred Costs					
	Adjusted-Recorded		Adjusted-Forecast					
	2016	2017 2018 2019						
Labor	370	342	342	342				
Non-Labor	28	89	89	89				
NSE	0	0	0	0				
Total	398	431	431	431				
FTE	1.6	1.6	1.6	1.6				

Cost Centers belonging to this Category:

2100-3934.000 VP ENTERPRISE RISK MANAGEMENT

Labor	370	342	342	342
Non-Labor	28	89	89	89
NSE	0	0	0	0
Total	398	431	431	431
FTE	1.6	1.6	1.6	1.6

Beginning of Workpaper 2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: A. VP AGRM

Category-Sub 1. Enterprise Risk Management & Compliance

Cost Center: 2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Activity Description:

Forecast Explanations:

Labor - 3-YR Average

Non-Labor - 3-YR Average

NSE - 3-YR Average

Summary of Results:

	In 2016\$ (000) Incurred Costs										
		Adjı	ısted-Recor	ded		Ad	justed-Fored	cast			
Years	2012	2013	2014	2015	2016	2017	2018	2019			
Labor	0	0	207	449	370	342	342	342			
Non-Labor	0	0	211	28	28	89	89	89			
NSE	0	0	0	0	0	0	0	0			
Total	0	0	418	478	398	431	431	431			
FTE	0.0	0.0	1.0	2.1	1.7	1.6	1.6	1.6			

Area: Witness: RISK MANAGEMENT

Category: Gregory Flores
Category-Sub: A. VP AGRM

Cost Center: 1. Enterprise Risk Management & Compliance

2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Cost Center Allocations (Incurred Costs):

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2016 Adjı	usted-Reco	orded			2017 Adj	usted-Fore	ecast	
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE
0	1	0	1	0.0	2	1	0	3	0.0
0	0	0	0	0.0	0	0	0	0	0.0
370	27	0	397	1.6	340	88	0	428	1.6
370	28	0	398	1.6	342	89	0	431	1.6
50.00%	50.00%				50.00%	50.00%			
50.00%	50.00%				50.00%	50.00%			
0.00%	0.00%				0.00%	0.00%			
0.00%	0.00%				0.00%	0.00%			

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2018 Adjı	ısted-Fore	cast		2019 Adjusted-Forecast				
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE
2	1	0	3	0.0	2	1	0	3	0.0
0	0	0	0	0.0	0	0	0	0	0.0
340	88	0	428	1.6	340	88	0	428	1.6
342	89	0	431	1.6	342	89	0	431	1.6
50.00%	50.00%				50.00%	50.00%			
50.00%	50.00%				50.00%	50.00%			
0.00%	0.00%				0.00%	0.00%			
0.00%	0.00%				0.00%	0.00%			

Cost Center Allocation Percentage Drivers/Methodology:

Cost Center Allocation Percentage for 2016

Services are shared between SDG&E and SCG.

Cost Center Allocation Percentage for 2017

Services are shared between SDG&E and SCG.

Cost Center Allocation Percentage for 2018

Services are shared between SDG&E and SCG.

Cost Center Allocation Percentage for 2019

Services are shared between SDG&E and SCG.

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: A. VP AGRM

Category-Sub: 1. Enterprise Risk Management & Compliance

Cost Center: 2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Summary of Adjustments to Forecast:

	In 2016 \$(000) Incurred Costs											
Forecast	Method	Bas	se Foreca	st	Forec	ast Adjust	ments	Adjus	ted-Foreca	ast		
Years	•	2017 2018 2019		2017	2018	2019	2017	2018	2019			
Labor	3-YR Average	342	342	342	0	0	0	342	342	342		
Non-Labor	3-YR Average	89	89	89	0	0	0	89	89	89		
NSE	3-YR Average	0	0	0	0	0	0	0	0	0		
Total		431	431	431	0	0	0	431	431	431		
FTE	3-YR Average	1.6	1.6	1.6	0.0	0.0	0.0	1.6	1.6	1.6		

Year Adj Gro	<u>ıp</u> <u>Labor</u>	<u>NLbr</u>	NSE	<u>Total</u>	<u>FTE</u>	Adj Type	<u>RefID</u>
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Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: A. VP AGRM

Category-Sub: 1. Enterprise Risk Management & Compliance

Cost Center: 2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Determination of Adjusted-Recorded (Incurred Costs):

Determination of Aujustea	2012 (\$000)	2013 (\$000)	2014 (\$000)	2015 (\$000)	2016 (\$000)
Recorded (Nominal \$)*					
Labor	0	0	173	383	317
Non-Labor	0	0	204	28	28
NSE	0	0	0	0	0
Total	0	0	376	411	345
FTE	0.0	0.0	8.0	1.8	1.4
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 (Nomina	al \$)				
Labor	0	0	173	383	317
Non-Labor	0	0	204	28	28
NSE	0	0	0	0	0
Total	0	0	376	411	345
FTE	0.0	0.0	0.8	1.8	1.4
Vacation & Sick (Nominal \$)					
Labor	0	0	28	59	53
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	28	59	53
FTE	0.0	0.0	0.2	0.3	0.3
Escalation to 2016\$					
Labor	0	0	7	7	0
Non-Labor	0	0	7	0	0
NSE	0	0	0	0	0
Total	0	0	14	8	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Consta	nt 2016\$)				
Labor	0	0	207	449	370
Non-Labor	0	0	211	28	28
NSE	0	0	0	0	0
Total	0	0	418	478	398
FTE	0.0	0.0	1.0	2.1	1.7

^{*} After company-wide exclusions of Non-GRC costs

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

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: A. VP AGRM

Category-Sub: 1. Enterprise Risk Management & Compliance

Cost Center: 2100-3934.000 - VP ENTERPRISE RISK MANAGEMENT

Summary of Adjustments to Recorded:

	In Nominal \$ (000) Incurred Costs											
	Years	2012	2013	2014	2015	2016						
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						

Year	Adj_Group	<u>Labor</u>	NLbr	NSE	FTE	Adj_Type	<u>RefID</u>

RISK MANAGEMENT Area:

Witness: **Gregory Flores** Category: B. Risk Management

Cost Center: **VARIOUS**

Cost

Summary for Category: B. Risk Management

		In 2016\$ (000) Incu	rred Costs	
	Adjusted-Recorded		Adjusted-Forecast	
	2016	2017	2018	2019
Labor	1,427	1,701	1,940	2,177
Non-Labor	2,456	2,810	3,472	4,135
NSE	0	0	0	0
Total	3,883	4,511	5,412	6,312
FTE	11.3	12.6	14.4	16.2
Cost Centers belonging	to this Category:			
2100-3590.000 Risk Ma	inagement			
Labor	869	906	985	1,063
Non-Labor	1,787	1,924	2,360	2,797
NSE	0	0	0	0
Total	2,656	2,830	3,345	3,860
FTE	7.0	7.3	7.8	8.4
2100-3945.000 OPERA	TIONS RISK MANAGEMENT	SDG&E		
Labor	558	795	955	1,114
Non-Labor	669	886	1,112	1,338
NSE	0	0	0	0
Total	1,227	1,681	2,067	2,452
FTE	4.3	5.3	6.6	7.8

Beginning of Workpaper 2100-3590.000 - Risk Management

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: B. Risk Management

Category-Sub 1. Enterprise Risk Management
Cost Center: 2100-3590.000 - Risk Management

Activity Description:

Forecast Explanations:

Labor - 5-YR Linear

Non-Labor - 5-YR Linear

NSE - 5-YR Linear

Summary of Results:

		In 2016\$ (000) Incurred Costs											
		Adjı	ısted-Recor	ded		Adjusted-Forecast							
Years	2012	2013	2014	2015	2016	2017	2018	2019					
Labor	568	580	568	765	869	905	985	1,064					
Non-Labor	95	83	44	1,063	1,787	1,924	2,361	2,797					
NSE	0	0	0	0	0	0	0	0					
Total	663	663	612	1,828	2,656	2,829	3,346	3,861					
FTE	4.9	4.9	5.1	6.2	7.0	7.3	7.8	8.4					

Area: Witness: RISK MANAGEMENT

Category: Gregory Flores

Category-Sub: B. Risk Management

Cost Center: 1. Enterprise Risk Management

2100-3590.000 - Risk Management

Cost Center Allocations (Incurred Costs):

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2016 Adju	ısted-Reco	orded		2017 Adjusted-Forecast						
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE		
1	2	0	3	0.0	-1	1	0	0	0.0		
0	0	0	0	0.0	0	0	0	0	0.0		
868	1,785	0	2,653	7.0	906	1,923	0	2,829	7.3		
869	1,787	0	2,656	7.0	905	1,924	0	2,829	7.3		
60.91%	60.91%				60.91%	60.91%					
39.09%	39.09%				39.09%	39.09%					
0.00%	0.00%				0.00%	0.00%					
0.00%	0.00%				0.00%	0.00%					

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2018 Adjı	sted-Fore	ecast			2019 Adj	usted-Fore	ecast	
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE
-1	2	0	1	0.0	-2	2	0	0	0.0
0	0	0	0	0.0	0	0	0	0	0.0
986	2,359	0	3,345	7.8	1,066	2,795	0	3,861	8.4
985	2,361	0	3,346	7.8	1,064	2,797	0	3,861	8.4
60.91%	60.91%				60.91%	60.91%			
39.09%	39.09%				39.09%	39.09%			
0.00%	0.00%				0.00%	0.00%			
0.00%	0.00%				0.00%	0.00%			

Cost Center Allocation Percentage Drivers/Methodology:

Cost Center Allocation Percentage for 2016

Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2017

Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2018

Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2019

Risk Management supports SDG&E and SCG.

Area: RISK MANAGEMENT

Witness: Gregory Flores

Category: B. Risk Management

Category-Sub: 1. Enterprise Risk Management
Cost Center: 2100-3590.000 - Risk Management

Summary of Adjustments to Forecast:

	In 2016 \$(000) Incurred Costs											
Forecast Method Base Forecast			Forecast Adjustments			Adjusted-Forecast						
Years		2017	2018	2019	2017	2018	2019	2017	2018	2019		
Labor	5-YR Linear	906	985	1,063	0	0	0	906	985	1,063		
Non-Labor	5-YR Linear	1,924	2,360	2,797	0	0	0	1,924	2,360	2,797		
NSE	5-YR Linear	0	0	0	0	0	0	0	0	0		
Total		2,830	3,345	3,860	0	0	0	2,830	3,345	3,860		
FTE	5-YR Linear	7.3	7.8	8.4	0.0	0.0	0.0	7.3	7.8	8.4		

Year Adj Group Labor NLbr NSE Total FTE Adj Type RefID	
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Area: RISK MANAGEMENT

Witness: Gregory Flores

Category: B. Risk Management

Category-Sub: 1. Enterprise Risk Management
Cost Center: 2100-3590.000 - Risk Management

Determination of Adjusted-Recorded (Incurred Costs):

Determination of Aujustea Res	2012 (\$000)	2013 (\$000)	2014 (\$000)	2015 (\$000)	2016 (\$000)
Recorded (Nominal \$)*					
Labor	464	476	474	652	745
Non-Labor	88	79	43	1,046	1,787
NSE	0	0	0	0	0
Total	552	555	517	1,698	2,532
FTE	4.2	4.2	4.3	5.3	5.9
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	464	476	474	652	745
Non-Labor	88	79	43	1,046	1,787
NSE	0	0	0	0	0
Total	552	555	517	1,698	2,532
FTE	4.2	4.2	4.3	5.3	5.9
Vacation & Sick (Nominal \$)					
Labor	67	75	76	101	124
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	67	75	76	101	124
FTE	0.7	0.7	0.8	0.9	1.1
Escalation to 2016\$					
Labor	38	29	19	12	0
Non-Labor	6	4	1	17	0
NSE	0	0	0	0	0
Total	44	33	20	30	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Constant 2	016\$)				
Labor	568	580	568	765	869
Non-Labor	95	83	44	1,063	1,787
NSE	0	0	0	0	0
Total	663	663	612	1,828	2,656
FTE	4.9	4.9	5.1	6.2	7.0

^{*} After company-wide exclusions of Non-GRC costs

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

Area: RISK MANAGEMENT

Witness: Gregory Flores

Category: B. Risk Management

Category-Sub: 1. Enterprise Risk Management
Cost Center: 2100-3590.000 - Risk Management

Summary of Adjustments to Recorded:

	In Nominal \$ (000) Incurred Costs											
	Years	2012	2013	2014	2015	2016						
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						

Year	Adj_Group	<u>Labor</u>	NLbr	NSE	FTE	Adj_Type	<u>RefID</u>

Beginning of Workpaper 2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: B. Risk Management

Category-Sub 2. Operations Risk Management SDG&E

Cost Center: 2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Activity Description:

Forecast Explanations:

Labor - 5-YR Linear

Non-Labor - 5-YR Linear

NSE - 5-YR Linear

Summary of Results:

		In 2016\$ (000) Incurred Costs											
		Adjı	ısted-Recor	ded		Adjusted-Forecast							
Years	2012	2013	2014	2015	2016	2017	2018	2019					
Labor	0	0	0	477	558	795	955	1,114					
Non-Labor	0	0	0	922	669	886	1,112	1,339					
NSE	0	0	0	0	0	0	0	0					
Total	0	0	0	1,400	1,227	1,681	2,067	2,453					
FTE	0.0	0.0	0.0	3.8	4.3	5.3	6.6	7.8					

Area: Witness: RISK MANAGEMENT

Category: Gregory Flores
Category-Sub: B. Risk Management

Cost Center: 2. Operations Risk Management SDG&E

2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Cost Center Allocations (Incurred Costs):

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2016 Adjı	usted-Reco	orded			2017 Adj	usted-For	ecast	
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE
0	3	0	3	0.0	0	3	0	3	0.0
0	0	0	0	0.0	0	0	0	0	0.0
558	666	0	1,224	4.3	795	883	0	1,678	5.3
558	669	0	1,227	4.3	795	886	0	1,681	5.3
50.00%	50.00%				50.00%	50.00%			
50.00%	50.00%				50.00%	50.00%			
0.00%	0.00%				0.00%	0.00%			
0.00%	0.00%				0.00%	0.00%			

Directly Retained
Directly Allocated
Subj. To % Alloc.
Total Incurred
% Allocation
Retained
SEU
CORP
Unreg

	2018 Adjı	ısted-Fore	ecast		2019 Adjusted-Forecast					
Labor	Non-Labor	NSE	Total	FTE	Labor	Non-Labor	NSE	Total	FTE	
0	3	0	3	0.0	0	5	0	5	0.0	
0	0	0	0	0.0	0	0	0	0	0.0	
955	1,109	0	2,064	6.6	1,114	1,334	0	2,448	7.8	
955	1,112	0	2,067	6.6	1,114	1,339	0	2,453	7.8	
50.00%	50.00%				50.00%	50.00%				
50.00%	50.00%				50.00%	50.00%				
0.00%	0.00%				0.00%	0.00%				
0.00%	0.00%				0.00%	0.00%				

Cost Center Allocation Percentage Drivers/Methodology:

Cost Center Allocation Percentage for 2016

Operations Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2017

Operations Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2018

Operations Risk Management supports SDG&E and SCG.

Cost Center Allocation Percentage for 2019

Operations Risk Management supports SDG&E and SCG.

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: B. Risk Management

Category-Sub: 2. Operations Risk Management SDG&E

Cost Center: 2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Summary of Adjustments to Forecast:

In 2016 \$(000) Incurred Costs										
Forecast	Method	Base Forecast			Forecast Adjustments			Adjusted-Forecast		
Years		2017	2018	2019	2017	2018	2019	2017	2018	2019
Labor	5-YR Linear	685	845	1,004	110	110	110	795	955	1,114
Non-Labor	5-YR Linear	996	1,222	1,448	-110	-110	-110	886	1,112	1,338
NSE	5-YR Linear	0	0	0	0	0	0	0	0	0
Total		1,682	2,067	2,452	0	0	0	1,682	2,067	2,452
FTE	5-YR Linear	5.3	6.6	7.8	0.0	0.0	0.0	5.3	6.6	7.8

Forecast Adjustment Details:

lorecas	at Aujusti	nent Details.							
<u>Year</u>	Adj Gro	<u>up L</u>	<u>abor</u>	<u>NLbr</u>	<u>NSE</u>	<u>Total</u>	<u>FTE</u>	Adj Type	<u>RefID</u>
2017 O	ther		110	0	0	110	0.0	1-Sided Adj	PPSTADLE20161205164059943
Explana	ation:	Salary of nev	w employ	/ee					
2017 O	ther		0	-110	0	-110	0.0	1-Sided Adj	PPSTADLE20161205164158603
Explana	ation:	Decrease in	consultir	ng costs d	ue ot hi	ring new en	nployee		
2017 To	otal		110	-110	0	0	0.0		
2018 O	other		0	-110	0	-110	0.0	1-Sided Adj	PPSTADLE20161205164453667
Explana	ation:	Decrese in c	onsulting	g due to n	ew emp	loyee			
2018 O	ther		110	0	0	110	0.0	1-Sided Adj	PPSTADLE20161205164355540
Explana	ation:	Additional Er	nployee						
2018 To	otal		110	-110	0	0	0.0		
2019 O	other		110	0	0	110	0.0	1-Sided Adj	PPSTADLE20161205164516527
Explana	ation:	New employe	ee						
2019 O	ther		0	-110	0	-110	0.0	1-Sided Adj	PPSTADLE20161205164552383
Explana	ation:	Decrease in	consultir	ng due to	new em	ployee hire			
2019 To	otal		110	-110	0	0	0.0		

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: B. Risk Management

Category-Sub: 2. Operations Risk Management SDG&E

Cost Center: 2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Determination of Adjusted-Recorded (Incurred Costs):

Determination of Aujustea	2012 (\$000)	2013 (\$000)	2014 (\$000)	2015 (\$000)	2016 (\$000)
Recorded (Nominal \$)*					
Labor	0	0	0	407	479
Non-Labor	0	0	0	907	670
NSE	0	0	0	0	0
Total	0	0	0	1,314	1,149
FTE	0.0	0.0	0.0	3.2	3.6
Adjustments (Nominal \$) **					
Labor	0	0	0	0	0
Non-Labor	0	0	0	0	-1
NSE	0	0	0	0	0
Total	0	0	0	0	-1
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Nomina	al \$)				
Labor	0	0	0	407	479
Non-Labor	0	0	0	907	669
NSE	0	0	0	0	0
Total	0	0	0	1,314	1,148
FTE	0.0	0.0	0.0	3.2	3.6
Vacation & Sick (Nominal \$))				
Labor	0	0	0	63	79
Non-Labor	0	0	0	0	0
NSE	0	0	0	0	0
Total	0	0	0	63	79
FTE	0.0	0.0	0.0	0.6	0.7
Escalation to 2016\$					
Labor	0	0	0	8	0
Non-Labor	0	0	0	15	0
NSE	0	0	0	0	0
Total	0	0	0	23	0
FTE	0.0	0.0	0.0	0.0	0.0
Recorded-Adjusted (Consta	nt 2016\$)				
Labor	0	0	0	477	558
Non-Labor	0	0	0	922	669
NSE	0	0	0	0	0
Total	0	0	0	1,400	1,227
FTE	0.0	0.0	0.0	3.8	4.3

^{*} After company-wide exclusions of Non-GRC costs

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

Area: RISK MANAGEMENT

Witness: Gregory Flores
Category: B. Risk Management

Category-Sub: 2. Operations Risk Management SDG&E

Cost Center: 2100-3945.000 - OPERATIONS RISK MANAGEMENT SDG&E

Summary of Adjustments to Recorded:

In Nominal \$ (000) Incurred Costs									
	Years	2012	2013	2014	2015	2016			
Labor		0	0	0	0	0			
Non-Labor		0	0	0	0	-1			
NSE		0	0	0	0	0			
	Total	0	0	0	0	-1			
FTE		0.0	0.0	0.0	0.0	0.0			

Detail of Adjustments to Recorded:

Year	Adj_Group_	<u>Labor</u>	<u>NLbr</u>	<u>NSE</u>	<u>FTE</u>	Adj_Type	<u>RefID</u>
2012 Total		0	0	0	0.0		
2013 Total		0	0	0	0.0		
2014 Total		0	0	0	0.0		
2015 Total		0	0	0	0.0		
2016	Aliso	0	-1	0	0.0 1-Sided Adj		PPSTADLE20170508104211893
Explanation	Explanation: This is an adjustment related to Aliso. Order: 7081920. Adjustment type: One sided						
2016 Total		0	-1	0	0.0		