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April 29, 2016

Mr. Ed Randolph
Director, Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Ms. Elizaveta Malashenko
Director, Safety and Enforcement Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

**RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline
Safety Enhancement Plan Status Report-March 2016**

Dear Mr. Randolph and Ms. Malashenko:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for March 2016 as required per D.12-04-021. D.12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission's Energy Division and Safety and Enforcement Division (formerly CPSD) as our plan is implemented.

Please feel free to contact me should you have any additional questions regarding this report.

Sincerely,

/s/ Brian Hoff

Brian Hoff
Regulatory Case Manager

Attachment

CC: Richard Myers, CPUC Energy Division
Belinda Gatti, CPUC Energy Division
Jean Spencer, CPUC Energy Division
Sunil Shori, CPUC Safety and Enforcement Division
Kenneth Bruno, CPUC Safety and Enforcement Division

March 2016 PSEP Update

I. Introduction

D.12-04-021 directs Southern California Gas (SoCalGas) and San Diego Gas & Electric (SDG&E) to provide monthly Pipeline Safety Enhancement Plan (PSEP) updates to the Commission's Energy Division and Consumer Protection and Safety Division (now Safety and Enforcement Division) as the plan is implemented.¹ Attached is the update for March 2016.

II. Current Status

SoCalGas and SDG&E have undertaken the following PSEP related activities for the month of March:

Pipelines:

1. No new construction activity for the month of March
2. 19 pipeline projects are in Construction (Stage 5)
3. 28 pipeline projects are in Start Up/Turnover (Stage 6)
4. 18 pipeline projects are in Close-Out (Stage 7)

Valves:

1. No new construction activity for the month of March
2. 28 valve projects are in construction/turnover (Stages 5-6)
3. 11 valve projects are in Close-Out (Stage 7)

III. Costs

Actual costs tracked in SoCalGas and SDG&E's respective Regulatory Accounts are provided in Appendix B and Appendix C.

IV. Attachments

- Appendix A – *PSEP - SoCalGas / SDG&E - Active Pipeline Projects List*
- Appendix B – *SoCalGas and SDG&E PSEP Cost Report to the Commission for March 2016*
- Appendix C – *Records Review and Interim Safety Measure Costs*
- Appendix D – *PSEP - SoCalGas / SDG&E - Active Valve Projects List*

¹ D.12-04-021, mimeo., at 7 and 12 (Ordering Paragraph No. 4).

V. Notes

- Appendix A, SoCalGas/SDG&E Active Projects Table, Footnote 14:
 - Project 32-21 has been separated into three projects: 32-21 Section 1, 32-21 Section 2, 32-21 Section 3.
- Appendix A, SoCalGas/SDG&E Active Projects Table, Footnote 15:
 - Project 404 Sections 3, 7 & 8A construction start date has been revised from April 2015 to February 2015 to reflect the correct construction start date.
- Appendix A, SoCalGas/SDG&E Active Projects Table, Footnote 16:
 - Project “Goleta / Line 127” name has been corrected to Goleta.
- Appendix B, SoCalGas Active Projects Table, Footnote 11:
 - Indirect costs for Line 1015 and Line 2000-A, previously labeled as direct costs, have been excluded.
- Appendix D, SDG&E Active Valve Projects Table, Footnote 15:
 - Valve Bundle L247 Goleta Project Lifecycle Stage has been revised back to Stage 1 due to redefining of project scope.

PSEP - SCG / SDG&E
Appendix A - Active Projects List as of March 2016

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Mar-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Mar-16
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾		█	1947	█	
2000-A			Closed				Jun-13
2000-Bridge			3-Project Definition				Jul-17
2000-West ⁽⁶⁾							
Section 1,2,3			6-Start Up/Turnover				Jul-14
Santa Fe Springs Sta.			4-Detailed Design				Oct-16
2001 West ⁽⁴⁾	3	64.10		█	1950	█	
2001 West - A			6-Start Up/Turnover				Apr-14
2001 West - B ⁽⁶⁾							
Section 10,11,14			6-Start Up/Turnover				Aug-14
Section 17,18,19			6-Start Up/Turnover				Aug-15
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽⁶⁾							
2000-C			4-Detailed Design				Apr-18
2001 West - C			3-Project Definition				Aug-18
2000-D			3-Project Definition				Dec-18
2001 West - D			3-Project Definition				Mar-19
1005	4	3.50	6-Start Up/Turnover	█	1949	█	Sep-14
2003 ⁽⁶⁾	6	26.50		█	1949	█	
Line 2003			7-Close-out				Aug-14
Line 2003 Section 2			6-Start Up/Turnover				Jul-15
407	7	6.30	7-Close-out	█	1951	█	Mar-14
406 ⁽⁶⁾	9	20.70		█	1951	█	
Section 1,2,2A,4,5			6-Start Up/Turnover				Aug-14
Section 3			4-Detailed Design				Jun-17
235 West	10	3.10	6-Start Up/Turnover	█	1957	█	Jun-14
1013	11	3.50	7-Close-out	█	1954	█	Jul-14
1015	12	7.85	6-Start Up/Turnover	█	1954	█	Aug-14
1004	13	19.70	6-Start Up/Turnover	█	1944	█	May-15
404 ⁽⁶⁾	14	37.80		█	1949	█	
Section 1			6-Start Up/Turnover				Sep-15
Section 2			6-Start Up/Turnover				Sep-15
Section 2A			4-Detailed Design				Mar-17
Section 3,7&8,8A ⁽¹⁵⁾			6-Start Up/Turnover				Feb-15
Section 3A			4-Detailed Design				Aug-16
Section 4&5			6-Start Up/Turnover				Sep-15
Section 4A			4-Detailed Design				Jan-18
Section 9			4-Detailed Design				Jun-17
44-137	15	1.00	7-Close-out	█	1950	█	Nov-14
2000-0.18-BO Crossover Piping ⁽⁵⁾			3-Project Definition				Jul-17
2000-0.18-BO	23	0.01		█	1952	█	
2000-0.18-XO1	43	0.01		█	1952	█	
2000-0.18-XO2	16	0.01		█	1961	█	
1014	18	0.003	7-Close-out	█	1959	█	Oct-14
43-121 ⁽⁶⁾	22	4.41		█	1930	█	
43-121 North			4-Detailed Design				Jul-16
43-121 South			5-Construction				Aug-14
33-120 ⁽⁶⁾	24	1.25		█	1940	█	
Section 1			4-Detailed Design				Jun-17
Section 2			7-Close-out				Jun-14
Section 3			4-Detailed Design				Aug-16
45-120 ⁽⁶⁾	25	4.30		█	1930	█	
Section 1			7-Close-out				Mar-14
Section 2			5-Construction				Sep-14
32-21 ⁽¹⁴⁾	26	10.23		█	1948	█	
Section 1			7-Close-out				May-15
Section 2			4-Detailed Design				Jun-16
Section 3			4-Detailed Design				Sep-16
41-6000-2 ⁽⁹⁾	27	39.95	5-Construction	█	1948	█	Sep-15
36-9-09 North ⁽⁶⁾	29	16.02		█	1932	█	
Section 1			5-Construction				May-15

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Mar-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Mar-16
Pipeline-SCG							
Section 2A			4-Detailed Design				Jul-18
Section 2B			6-Start Up/Turnover				Jun-14
Section 3			6-Start Up/Turnover				Dec-14
Section 4 ⁽¹²⁾			5-Construction				Sep-14
Section 5			5-Construction				Feb-16
Section 6A			6-Start Up/Turnover				Mar-15
Section 6B			3-Project Definition				Aug-17
Section 7A			4-Detailed Design				Sep-16
Section 7B			6-Start Up/Turnover				May-15
1011	36	5.14	6-Start Up/Turnover	█	1955	█	Jul-14
36-37	38	0.02	7-Close-out	█	1970	█	May-14
42-66-1&2 ⁽¹⁰⁾			7-Close-out				Oct-13
42-66-1	40	0.04		█	1947	█	
42-66-2	41	0.03		█	1947	█	
37-18	45	4.16	5-Construction	█	1945	█	Oct-14
37-18-F	46	2.06	4-Detailed Design	█	1946	█	Jul-16
37-18-K	12	2.85	2-Selection	█	1949	█	Jan-17
30-18	47	2.58	5-Construction	█	1943	█	Jul-14
44-654	50	0.01	6-Start Up/Turnover	█	1957	█	Jun-14
31-09	52	12.81	7-Close-out	█	1958	█	Jul-15
37-07	53	2.68	7-Close-out	█	1945	█	Sep-14
33-121	59	0.16	3-Project Definition	█	1955	█	Apr-17
41-6001-2	63	0.005	3-Project Definition	█	1967	█	May-16
36-1032	64	1.54	7-Close-out	█	1963	█	May-14
36-1032 Section 4	N/A	N/A	4-Detailed Design	█	1963	█	Jun-17
41-30-A	80	0.26	Closed	█	1940	█	Jul-14
41-30	82	3.95	3-Project Definition	█	1953	█	Jul-16
38-200	86	0.23	4-Detailed Design	█	1948	█	Apr-16
45-120X01	87	0.01	Closed	█	1930	█	Sep-13
38-501 ⁽⁶⁾	89	1.98		█	1952	█	
Section 1			6-Start Up/Turnover				Jun-15
Section 2			3-Project Definition				Aug-16
36-1002	96	0.21	6-Start Up/Turnover	█	1928	█	May-15
44-687	99	0.23	6-Start Up/Turnover	█	1946	█	Sep-14
38-512 ⁽⁶⁾	106	4.78		█	1939	█	
Line 38-512			6-Start Up/Turnover				Mar-15
Line 38-512 Section 3			3-Project Definition				Jul-16
44-1008 Section 2B ⁽⁸⁾	107	10.06	4-Detailed Design	█	1937	█	Oct-17
35-20-N	113	0.010	Closed	█	1929	█	Aug-14
38-539	124	12.08	6-Start Up/Turnover	█	1964	█	Oct-14
36-9-21	126	5.06	3-Project Definition	█	1950	█	Dec-17
44-720	132	1.17	6-Start Up/Turnover	█	1947	█	Jun-15
41-201	138	0.01	3-Project Definition	█	1957	█	Jul-16
41-116	142	0.006	3-Project Definition	█	1957	█	Jul-16
41-116BP1	143	0.002	3-Project Definition	█	1957	█	Jul-16
225	N/A	N/A	4-Detailed Design	█	1959	█	Mar-17
235W Sawtooth Canyon	N/A	N/A	7-Close-out	█	1957	█	Oct-14
38-931	N/A	N/A	3-Project Definition	█	1942	█	Apr-17
38-504	N/A	N/A	4-Detailed Design	█	1952	█	Jul-16
38-514 ⁽⁶⁾	N/A	N/A		█	1945	█	
Section 1			3-Project Definition				Oct-16
Section 2			5-Construction				Feb-16
36-9-09 South	N/A	N/A	4-Detailed Design	█	1951	█	Apr-16
36-9-09-JJ	N/A	N/A	4-Detailed Design	█	1920	█	Jun-16
85 ⁽¹³⁾	N/A	N/A	TBD				TBD
85 South Newhall	N/A	N/A	6-Start Up/Turnover	█	1931	█	Dec-14
404-406 Somis Station ⁽¹¹⁾	N/A	N/A	3-Project Definition	█	1951	█	Aug-17
Storage ⁽⁷⁾	-	2.83		█	various	█	
Playa Del Rey Phase 1&2			Closed				Aug-13
Playa Del Rey Phase 5			7-Close-out				Mar-15
Goleta ⁽¹⁶⁾			3-Project Definition				Apr-17
36-1001-P1B-01	N/A	N/A	3-Project Definition	█	1925	█	Mar-18
36-1032-P1B-01	N/A	N/A	3-Project Definition	█	1928	█	May-18

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Mar-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Mar-16
Pipeline-SCG							
36-37-P1B-01	N/A	N/A	3-Project Definition	█	1927	█	May-18
36-1002-P1B-01	N/A	N/A	3-Project Definition	█	1928	█	Jun-18
43-121-P1B-01	N/A	N/A	3-Project Definition	█	1930	█	Oct-18
45-1001-P1B-01	N/A	N/A	3-Project Definition	█	1925	█	Oct-18
38-931-P1B-01	N/A	N/A	3-Project Definition	█	1942	█	Nov-18
36-9-09N-P1B-01	N/A	N/A	3-Project Definition	█	1920	█	Mar-18
38-101-P1B-01	N/A	N/A	3-Project Definition	█	1921	█	Apr-18
38-960-P1B-01	N/A	N/A	3-Project Definition	█	1928	█	May-18
44-1008-P1B-01	N/A	N/A	2-Selection	█	1937	█	May-18
38-143-P1B-01	N/A	N/A	3-Project Definition	█	1939	█	Nov-18
38-1102-P1B-01	N/A	N/A	3-Project Definition	█	1938	█	May-18
7043-P1B-01	N/A	N/A	N/A	█	1930	█	Mar-18
127-P1B-01	N/A	N/A	2-Selection	█	1944	█	Apr-18
1004-P1B-01	N/A	N/A	2-Selection	█	1945	█	Jul-18
38-KWB-P1B-01	N/A	N/A	6-Start Up/Turnover	█	Various	█	Oct-15
38-514-P1B-01	N/A	N/A	3-Project Definition	█	1945	█	Mar-18
103	N/A	N/A	2-Selection	█	1941	█	Jan-18
Pipeline-SDG&E							
PSRP (3602) ⁽¹³⁾	N/A	47.00	TBD				TBD
49-28	1	4.89	5-Construction	█	1932	█	Sep-14
49-17	2	5.812		█	1948	█	
49-17 East			5-Construction				Jun-15
49-17 West			5-Construction				Oct-14
49-25	4	2.278	5-Construction	█	1960	█	Aug-14
49-32	5	0.06	7-Close-out	█	1950	█	Jun-14
49-16 ⁽⁶⁾	6	9.590		█	1955	█	
49-16 Pipeline			5-Construction				Mar-15
49-16 4th & Palm			4-Detailed Design				Apr-17
49-16 Gate Station			4-Detailed Design				Jun-17
49-11	7	6.30	5-Construction	█	1969	█	Jun-15
49-26	10	2.615	5-Construction	█	1958	█	Oct-14
49-14	14	2.45	7-Close-out	█	1959	█	Sep-14
49-15 ⁽⁶⁾	15	6.60		█	1950	█	
49-15 (REPL)			5-Construction				Nov-15
49-15 Transmission			5-Construction				Nov-15
49-22	16	4.04	7-Close-out	█	1951	█	Apr-14
49-13	18	3.46	5-Construction	█	1959	█	Jul-15
49-32-L	N/A	0.115	4-Detailed Design		1965		Jul-16

⁽¹⁾ Stage Categories: - These categories represent seven stages of a pipe project's lifecycle. Stage 1 Project Initiation, Stage 2 Selection, Stage 3 Project Definition, Stage 4 Detailed Design/Procurement, Stage 5 Construction, Stage 6 Start-up/Turn-over, and Stage 7 Close-out.

⁽²⁾ The number shown, e.g. 67% is the stress level of the majority of the pipe segments.

⁽³⁾ L-2000, because of its length, will be remediated in four phases. 2000-A, 2000-Bridge, 2000-C and 2000-West. 2000-C has been regrouped with 2001 West-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."

⁽⁴⁾ 2001-West will be remediated as three projects: 2001 West-A, 2001 West-B, and 2001 West-C. This pipeline has been broken up into sections to report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability. 2001 West-C has been regrouped with 2000-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."

⁽⁵⁾ 2000-0.18-XO1, 2000-0.18-XO2, and 2000-0.18-BO have been combined and will be remediated as one project under "2000-0.18-BO Crossover Piping"

⁽⁶⁾ This pipeline has been broken up into separate projects for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.

⁽⁷⁾ There are numerous storage fields, with too many lines to distinguish predominant pipe diameter, vintage, %SMYS and construction start dates for each Storage line. However Storage field project stage and construction start will only be reported.

⁽⁸⁾ 44-1008 has been renamed to project "44-1008 Section 2B"

⁽⁹⁾ Per PSEP filing, the extension of existing L-6914 (6914 Ext) will allow for the abandonment of 41-6000-2. For the purpose of this appendix, both pipelines will be reported under 41-6000-2.

⁽¹⁰⁾ Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2"

⁽¹¹⁾ Project "Somis Station" has been renamed to "404-406 Somis Station"

⁽¹²⁾ Projects "36-9-09 North Section 4A" and "36-9-09 North Section 4B" have been merged as one project "36-9-09 North Section 4"

⁽¹³⁾ The Pipeline Safety and Reliability Project (PSRP) (Line 1600 / Line 3602) has been added to Appendix A and is the subject of a separate forecast application. Line 85 North and Line 85 South have been added and combined in Appendix A as Line 85. This project is planned to be the subject of a separate forecast application.

⁽¹⁴⁾ Project "32-21" has been split into three projects "32-21 Section 1", "32-21 Section 2", and "32-21 Section 3"

⁽¹⁵⁾ Project "404 Section 3, 7 & 8A" Construction Start Date has been revised from April 2015 to February 2015 to reflect the correct construction start date.

⁽¹⁶⁾ Project "Goleta/L127" name corrected to Goleta

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B Active Projects

SCG		(in \$1,000)
PSEP Pipeline Projects	March	Project-To-Date Total
Line 85	474	2,648
Line 85 South Newhall	247	7,676
Line 103	(3)	20
Line 127	7	186
Line 128	8	41
Line 225	114	956
Line 1004	1,255	13,004
Line 1005	-	5,820
Line 1011	-	2,419
Line 1013	-	2,421
Line 1014	-	825
Line 1015 ⁽¹¹⁾	-	2,626
Line 2000-A ⁽¹¹⁾	-	22,427
Line 2000-Bridge	2	391
Line 2000-C	574	6,400
Line 2000-D	256	788
Line 2000-West	117	23,027
Line 2000-West Santa Fe Springs Station	259	1,590
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	-	745
Line 2001 West-B	153	11,841
Line 2001 West - B Section 17, 18, 19	272	4,056
Line 2001 West-C	84	1,732
Line 2001 West-D	88	241
Line 2003	21	8,796
Line 2003 Section 2	127	2,197
Line 235 West	-	3,402
Line 235 West Sawtooth Canyon	-	1,884
Line 30-18	771	23,689
Line 31-09	36	(96)
Line 32-21	1,547	12,517
Line 33-120 Section 1	162	2,786
Line 33-120 Section 2	-	7,046
Line 33-120 Section 3	138	1,561
Line 33-121	86	1,271
Line 35-20	-	10
Line 35-20-N	-	231
Line 36-9-09 JJ	86	450
Line 36-9-09 North	156	659
Line 36-9-09 North Section 1	475	28,450
Line 36-9-09 North Section 2A	3	108
Line 36-9-09 North Section 2B	-	2,954
Line 36-9-09 North Section 3	2,516	18,614
Line 36-9-09 North Section 4	164	7,892
Line 36-9-09 North Section 5	994	4,508
Line 36-9-09 North Section 6	19	3,548
Line 36-9-09 North Section 7	5,857	23,588
Line 36-9-09 South	77	798
Line 36-1001	7	65
Line 36-1002	252	2,151
Line 36-1032	176	11,165
Line 36-9-21	3	664
Line 36-37	289	2,244
Line 37-07	943	28,675
Line 37-18	646	28,681
Line 37-18 F	441	3,176

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	March	Project-To-Date Total
Line 37-18 K	1	106
Line 38-101	78	235
Line 38-143	74	150
Line 38-200	113	2,641
Line 38-501 Section 1	(67)	5,024
Line 38-501 Section 2	186	755
Line 38-504	264	1,630
Line 38-512	(410)	28,787
Line 38-512 Section 3	84	138
Line 38-514	20	20
Line 38-514 Section 1	192	392
Line 38-514 Section 2	2,106	3,390
Line 38-539	7	15,475
Line 38-556	3	431
Line 38-931	219	995
Line 38-960	269	922
Line 38-1102	15	172
Line 38-KWB-P1B-01	138	1,671
Line 404	-	13
Line 404 Section 1	84	1,984
Line 404 Section 2	167	3,174
Line 404 Section 2A	1	3
Line 404 Section 3,7&8,8A	162	8,679
Line 404 Section 3A	134	681
Line 404 Section 4&5	155	4,936
Line 404 Section 4A	54	363
Line 404 Section 9	2	698
Line 406	-	9,656
Line 406 Section 3	(2)	1,392
Line 404/406 Somis Station	132	505
Line 407	42	6,350
Line 41-04ST1	-	-
Line 41-17	-	29
Line 41-17-F	-	-
Line 41-116	-	2
Line 41-116BP1	1	8
Line 41-201	-	3
Line 41-30	57	113
Line 41-30-A	-	429
Line 41-6000-2	14,242	58,770
Line 41-6001-2	1	246
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	22	163
Line 43-121 North	398	5,215
Line 43-121 South	417	22,939
Line 44-1008	4	1,343
Line 44-137	846	21,765
Line 44-687	211	5,243
Line 44-719	-	1
Line 44-654	-	1,825
Line 44-720	262	9,561
Line 45-1001	79	155
Line 45-120 Section 1	-	5,818
Line 45-120 Section 2	858	35,113
Line 45-120X01	-	750
Line 4000	-	87
Valves	8,206	112,359
Storage Field- Playa Del Rey Phase	23	2,608

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	March	Project-To-Date Total
Storage Field- Goleta	5	160
Methane Detectors	6	313
Communications *	(71)	1,233
Construction *	456	3,187
Engineering *	(2,806)	5,235
Training *	(109)	1,515
Gas Control *	(17)	61
Environmental *	(170)	615
Supply Management *	(145)	4,725
General Administration *	3,042	10,491
Program Management Office *	(1,099)	4,311
Total SCG PSEP Pipeline and Valve Projects	48,838	764,275

*General Management and Administration (GMA) pools. Dollars accumulated in GMA pools will be distributed to specific PSEP projects as work occurs on those specific projects.

Overall Table Notes:

- (1) Costs reflect actuals for the month of March and project-to-date costs from May 2012 to March 2016.
- (2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of March 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,032,872 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (6) As of March 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,694 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (7) As of March 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$105,450,531 which includes balancing account interest.
- (8) As of March 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$7,281,263 which includes balancing account interest.
- (9) As of March 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$26,344,018 which includes balancing account interest.
- (10) As of March 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$4,527,592 which includes balancing account interest.
- (11) Indirect costs for Line 1015 and Line 2000-A, previously labeled as direct costs, have been excluded.

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B Active Projects

SDGE		(in \$1,000)
PSEP Pipeline Projects	March	Project-To-Date Total
Line 1600 South	-	411
Line 3602	465	11,622
Line 49-11	295	4,210
Line 49-13	377	13,470
Line 49-14	14	4,041
Line 49-15 Distribution	1,581	11,331
Line 49-15 Transmission	1,231	5,363
Line 49-16 Pipeline	287	6,732
Line 49-16 La Mesa Gate Station	144	149
Line 49-16 4th & Palm	316	322
Line 49-17 East	5,293	24,173
Line 49-17 West	268	17,544
Line 49-20	-	-
Line 49-22	6	4,060
Line 49-25	417	19,862
Line 49-26	1,017	8,835
Line 49-28	1,502	32,872
Line 49-32 (Replacement)	400	5,991
Valves	459	3,533
Methane Detectors	(7)	56
Communications *	(20)	33
Construction *	41	332
Engineering *	(100)	315
Training *	(130)	193
Gas Control *	(2)	6
Environmental *	(41)	13
Supply Management *	(35)	388
General Administration *	375	845
Program Management Office *	(113)	209
Total SDGE PSEP Pipeline and Valve Projects	14,042	176,913

*General Management and Administration (GMA) pools. Dollars accumulated in GMA pools will be distributed to specific PSEP projects as work occurs on those specific projects.

Overall Table Notes:

- (1) Costs reflect actuals for the month of March and project-to-date costs from May 2012 to March 2016.
- (2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of March 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,032,872 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (6) As of March 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,694 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (7) As of March 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$105,450,531 which includes balancing account interest.
- (8) As of March 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,281,263 which includes balancing account interest.
- (9) As of March 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$26,344,018 which includes balancing account interest.
- (10) As of March 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$4,527,592 which includes balancing account interest.

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B

Projects Remediated or Removed

SCG	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	March	Project-To-Date Total
Line 36-8-01	-	-
Line 36-8-01-C	-	-
Line 36-8-06	-	-
Line 36-9-06	-	-
Line 36-9-06-A	-	-
Line 37-04	-	-
Line 37-18 J	-	41
Line 38-508	-	-
Line 38-516	-	-
Line 38-523	-	58
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	-	28
Line 41-19	-	27
Line 41-25	-	1
Line 41-207BR1	-	76
Line 41-35-1-KST2	-	-
Line 41-80	-	41
Line 1003	-	-
Line 1003LT2	-	-
Line 1017BP1	-	-
Line 1017BP2	-	-
Line 1017BP3	-	-
Line 1017BR4	-	-
Line 1017BR5	-	-
Line 1017BR6	-	-
Line 1017BR7	-	-
Line 1018	-	-
Line 1020	-	85
Line 1024	-	2
Line 1025	-	-
Line 1171LT2	-	-
Line 1171LT1BP2	-	-
Line 1172 BP2ST1	-	-
Line 1172 BP2ST2	-	2
Line 1172 BP2ST3	-	-
Line 1172 BP2ST4	-	-
Line 1172 BP3	-	-
Line 1172 ID 2313	-	13
Line 169	-	-
Line 235 East	-	8
Line 247	-	18
Line 2001 East	-	92
Line 3000-261.73-BO	-	-
Line 3000-261.73-BR	-	-
Line 30-02	-	-
Line 30-02-U	-	-
Line 30-09-A	-	-
Line 30-6200	-	-
Line 30-32	-	(5)
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix B

Projects Remediated or Removed

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	March	Project-To-Date Total
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	(2)
Line 35-20-A	-	17
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 35-6520	-	38
Line 36-1006	-	-
Line 36-6588	-	-
Line 36-7-04	-	-
Line 36-9-21BR1	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408XO1	-	-
Line 41-04-I	-	8
Line 41-05	-	4
Line 41-05-A	-	-
Line 41-101	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-17-A2	-	4
Line 41-17-FST1	-	-
Line 41-198	-	-
Line 41-199	-	-
Line 41-25-A	-	-
Line 41-55	-	-
Line 41-83	-	-
Line 41-84	-	-
Line 41-84-A	-	-
Line 41-90	-	-
Line 41-6045	-	48
Line 41-6501	-	34
Line 42-12	-	-
Line 42-46	-	-
Line 42-46-F	-	-
Line 42-57	-	-
Line 43-1106	-	-
Line 43-34	-	-
Line 45-163	-	2
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	-	662
SDG&E		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	March	Project-To-Date Total
Line 49-18	-	-
Line 49-19	-	-
Line 49-27	-	-
Line 49-32 (Test)	-	-
Total SDG&E PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	-	-

SCG and SDGE PSEP Cost Report to the Commission for March 2016

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	March	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	684
Records Review	-	14,707
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	-	16,035

SDGE	(in \$1,000)	
	March	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	70
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
Total SDGE Records Review and Interim Safety Measure Costs	-	1,172

Overall Table Notes:

(1) Costs reflect actuals for the month of March and project-to-date costs from May 2012 to March 2016.

(2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.

(3) Costs are in nominal direct dollars.

(4) Costs recovery will include indirects and applicable loaders.

(5) As of March 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,032,872 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).

(6) As of March 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,694 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).

PSEP - SCG / SDG&E				
Appendix D - Active Valve Projects List as of March 2016				
Valve Projects	Mar-16 No. of Valves ⁽¹⁾	Mar-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Mar-16	Project-To-Date Total (in \$1,000)
Valves-SoCalGas				
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13	883
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13	997
Moreno Small	2	Stage 7 Close-out / Reconciliation	Jan-14	710
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,207
Haskell Station	2	Stage 7 Close-out / Reconciliation	Jan-14	698
Moreno Large	1	Stage 7 Close-out / Reconciliation	Jan-14	504
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14	702
Santa Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14	723
Arrow & Haven	1	Stage 7 Close-out / Reconciliation	May-14	965
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	6,748
Puente Station	2	Closed	Jan-14	16
Brea Station-1013	1	Stage 7 Close-out / Reconciliation	Oct-14	240
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	11,072
407 Sullivan Canyon ⁽⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	1,099
Victoria Station	4	Closed	Dec-14	1,530
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,904
Pixley Station	3	Closed	Nov-14	1,329
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	741
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	5,105
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	6,900
Blythe ⁽³⁾				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	849
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	402
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	2,208
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	4,445
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	2,466
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	855
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	8,209
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	5,482
404-406 Valley	3	Stage 5-6 Construction / Turnover	Sep-15	1,627
Indio ⁽⁴⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,390
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	478
235-198.20 ⁽⁶⁾	N/A	N/A	N/A	-
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	92
Santa Barbara - 1005 ⁽¹⁰⁾	1	Stage 5-6 Construction / Turnover	Mar-15	389
L4000 MP 45.36 ⁽⁹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	182
L4000 MP 53.00 ⁽⁸⁾	3	Stage 5-6 Construction / Turnover	May-15	1,635
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	580
L4000 MP 80.08 MLV	3	Stage 5-6 Construction / Turnover	May-15	1,164
L4002 MP 67.00 MLV ⁽¹²⁾	N/A	N/A	N/A	522
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	3,790
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	1,873
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	2,288
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	944
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	2,976
Quigley Station ⁽¹²⁾	N/A	N/A	N/A	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	1,559
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	3,718
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	2,425
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	1,837
Honor Ranch - L225	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	606
Los Alamitos ⁽¹²⁾	N/A	N/A	N/A	232
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	439
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	523
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	950
SL45-120 Section 2 ⁽⁵⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	134
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	472
L1017	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	217
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	200
L2000 Beaumont Riverside ⁽¹¹⁾				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	2,595
L2000 Beaumont 2016	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Mar-16 No. of Valves ⁽¹⁾	Mar-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Mar-16	
L7000	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	469
Taft	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	498
Rainbow	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	1,135
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	1,346
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	7
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	1,249
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	79
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	179
Adelanto ⁽¹³⁾	4	N/A	Sep-17	3
Apple Valley	1	Stage 1 Project Initiation	Dec-17	5
Burbank & Lindley	3	Stage 1 Project Initiation	May-17	21
Blythe COMMs ⁽¹³⁾	0	N/A	Jun-18	2
Del Amo Station ⁽¹³⁾	6	N/A	Sep-18	2
Del Amo / Wilmington	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	33
Haskell Station FM ⁽¹³⁾	1	N/A	Feb-18	1
L2002	0	Stage 1 Project Initiation	Dec-16	5
L4000 Victorville ⁽¹³⁾	13	N/A	Jan-19	2
L6916	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	14
Needles COMMs ⁽¹³⁾	1	N/A	Feb-17	1
Pico ⁽¹³⁾	8	N/A	May-18	36
Wilmington ⁽¹³⁾	6	N/A	Dec-18	110
L4002 MP 72.70 ⁽¹³⁾	1	N/A	Sep-19	-
Brea Hacienda Bundle ⁽¹³⁾	10	N/A	Oct-18	2
L4002 MP 86.44-FM ⁽¹³⁾	1	N/A	Jul-18	-
Yorba Station ⁽¹³⁾	1	N/A	Jan-19	1
Lampson Check Valves ⁽¹³⁾	1	N/A	Aug-18	1
L324 Bundle ⁽¹³⁾	7	N/A	Mar-19	1
235-335 West Bundle ⁽¹³⁾	7	N/A	Mar-19	14
Glendale Bundle ⁽¹³⁾	10	N/A	Dec-18	1
Western/Del Rey Bundle ⁽¹³⁾	9	N/A	May-19	2
L8109 Bundle ⁽¹³⁾	6	N/A	May-19	1
Willow Station	4	Stage 1 Project Initiation	Sep-17	7
Victorville COMMs	1	Stage 1 Project Initiation	Oct-17	6
Ventura Station ⁽¹³⁾	6	N/A	Jun-17	-
Chestnut & Grand ⁽¹³⁾	4	N/A	Mar-18	1
L247 Goleta ⁽¹⁵⁾	1	Stage 1 Project Initiation	Feb-17	3
404-406 Ventura 2016 Bundle	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	7
L225 Bundle	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
SB County Bundle	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	199
Spence Station ⁽¹³⁾	4	Stage 1 Project Initiation	Sep-17	4
Carpenteria Bundle	0	Stage 1 Project Initiation	Jan-17	2
Santa Barbara Bundle	6	Stage 1 Project Initiation	Apr-17	2
Goleta Bundle	7	Stage 1 Project Initiation	Apr-17	9
Total SoCalGas Valves				112,359
Valve Projects	Valves ⁽¹⁾	Mar-16 Project Lifecycle Stage ⁽²⁾	Date (Est.) Reported	Total
		Valves-SDG&E		(in \$1,000)
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	116
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	215
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	2,788
49-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	117
49-16 RCV ⁽¹⁴⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	-
49-16 RCV (4th & Palm)				-
49-16 RCV (La Mesa Gate)				11
49-16 RCV (Mass&Main)				144
49-32-L RCV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	142
Total SDG&E Valves				3,533

⁽¹⁾ Number subject to change based on design and constructability. Backflow Prevention (BFP2) and Flow Meters (FM) are for check valves and reg. station modifications. Counts do not include BFP1 (regulator station modification) projects and communications only projects.

⁽²⁾ Stage Categories: categories represent the stage of a valve project's lifecycle. Stage 1 Project Initiation, Stage 2-4 Engineering & Planning/ Contract Bidding & Procurement, Stage 5-6 Construction/ Turnover, and Stage 7 Close-out/ Reconciliation.

⁽³⁾ The original Blythe Bundle included 4 valves. Due to permit constraints, this original bundle has been regrouped into Blythe (Cactus City) and Blythe Station 2. Each new bundle will have separate schedules.

⁽⁴⁾ The original Indio Bundle included 12 valves. Due to permit constraints, this original bundle has been regrouped into Indio 2014 and Indio 2016. Each new bundle will have separate schedules.

⁽⁵⁾ Valve Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2"

⁽⁶⁾ Valve 235-198.20 is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

⁽⁷⁾ Valve Bundle "407 San Vicente" has been renamed to "407 Sullivan Canyon"

⁽⁸⁾ Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00"

⁽⁹⁾ Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36"

⁽¹⁰⁾ Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005"

⁽¹¹⁾ Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".

⁽¹²⁾ Valve Bundle is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

⁽¹³⁾ New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.

⁽¹⁴⁾ Valve Bundles "49-16 RCV (4th & Palm)", "49-16 RCV (La Mesa Gate)", and "49-16 RCV (Mass&Main)" have been regrouped as one valve bundle "49-16 RCV"

⁽¹⁵⁾ Valve Bundle "L247 Goleta" Project Lifecycle Stage has been revised back to Stage 1 due to redefining of project scope.