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April 1, 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-February 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 February 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

February 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 February 2016.

II. Current Status

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

Pipelines:

1. New construction activity began on 2 pipeline projects
 - 36-9-09 Section 5 (Pismo Beach)
 - 38-514 Section 2 (Riverdale)
2. 20 pipeline projects are in Construction (Stage 5)
3. 34 pipeline projects are in Start Up/Turnover (Stage 6)
4. 16 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 2 valve projects
 - L1014 Olympic (Lakewood, Long Beach)
 - 404 Ventura (Ventura, Camarillo, Somis, Thousand Oaks, Agoura Hills, LA)
2. 28 valve projects are in construction/turnover (Stages 5-6)
3. 14 valve projects are in Close-Out (Stage 7)

III. Costs

Actual costs tracked in SoCalGas and SDG&E's respective Memorandum 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 February 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 Active Projects Table, Footnote 11:
 - Project “Somis Station” has been renamed to “404-406 Somis Station”.
- Appendix A, SoCalGas/SDG&E Active Projects Table, Footnote 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.
- Appendix B, SoCalGas Active Projects Table, Footnote 11:
 - Lines 85 North and 85 South have been combined and are now reported as Line 85 and include historical costs.
- Appendix B, SoCalGas Active Projects Table, Footnote 12:
 - Historical costs for project lines 404 were reallocated to the correct sections.
- Appendix B: February 2016 GMA increase of \$4.6MM for SoCalGas:
 - Engineering cost increases are primarily driven by \$2.6MM of spending for test head materials. These costs will be allocated to the projects in the March 2016 report.
- Appendix D, SDG&E Active Valve Projects Table, Footnote 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".

PSEP - SCG / SDG&E							
Appendix A - Active Projects List as of February 2016							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Feb-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Feb-16
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾		█	1947	█	
2000-A			7-Close-out				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			6-Start Up/Turnover				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			6-Start Up/Turnover				Apr-15
Section 3A			4-Detailed Design				Jan-17
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-16
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	26	10.23	5-Construction	█	1948	█	May-15
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
Section 2A			4-Detailed Design				Jul-18
Section 2B			6-Start Up/Turnover				Jun-14

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Feb-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Feb-16
Pipeline-SCG							
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				Mar-18
Section 7A			4-Detailed Design				May-17
Section 7B			6-Start Up/Turnover				May-15
1011	36	5.14	6-Start Up/Turnover	█	1955	█	Jul-14
36-37	38	0.02	6-Start Up/Turnover	█	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	█	Apr-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	6-Start Up/Turnover	█	1963	█	May-14
36-1032 Section 4	N/A	N/A	4-Detailed Design	█	1963	█	Sep-16
41-30-A	80	0.26	7-Close-out	█	1940	█	Jul-14
41-30	82	3.95	3-Project Definition	█	1953	█	Jun-16
38-200	86	0.23	4-Detailed Design	█	1948	█	Apr-16
45-120X01	87	0.01	7-Close-out	█	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	7-Close-out	█	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	█	May-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			7-Close-out				Aug-13
Playa Del Rey Phase 5			7-Close-out				Mar-15
Goleta / Line 127			3-Project Definition				2017
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
36-37-P1B-01	N/A	N/A	3-Project Definition	█	1927	█	May-18

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Feb-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Feb-16
Pipeline-SCG							
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	47.0	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	6-Start Up/Turnover	█	1950	█	Jun-14
49-16 ⁽⁶⁾	6	9.590		█	1955	█	
49-16 Pipeline			5-Construction				Mar-15
49-16 4th & Palm			4-Detailed Design				Mar-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	6-Start Up/Turnover	█	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	6-Start Up/Turnover	█	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.

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

Appendix B Active Projects

SCG	(in \$1,000)	
PSEP Pipeline Projects	February	Project-To-Date Total
Line 85 ⁽¹¹⁾	302	2,174
Line 85 South Newhall	295	7,428
Line 103	6	22
Line 127	10	179
Line 128	27	33
Line 225	67	842
Line 1004	960	11,748
Line 1005	-	5,820
Line 1011	-	2,419
Line 1013	-	2,421
Line 1014	1	825
Line 1015	(191)	2,355
Line 2000-A	(138)	22,421
Line 2000-Bridge	-	389
Line 2000-C	378	5,827
Line 2000-D	(89)	533
Line 2000-West	192	22,910
Line 2000-West Santa Fe Springs Station	34	1,331
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	(89)	745
Line 2001 West-B	(34)	11,687
Line 2001 West - B Section 17, 18, 19	34	3,784
Line 2001 West-C	62	1,648
Line 2001 West-D	16	153
Line 2003	(93)	8,775
Line 2003 Section 2	(7)	2,070
Line 235 West	6	3,402
Line 235 West Sawtooth Canyon	-	1,884
Line 30-18	1,162	22,918
Line 31-09	52	(132)
Line 32-21	585	10,970
Line 33-120 Section 1	33	2,625
Line 33-120 Section 2	2	7,046
Line 33-120 Section 3	83	1,423
Line 33-121	119	1,185
Line 35-20	-	10
Line 35-20-N	-	231
Line 36-9-09 JJ	8	365
Line 36-9-09 North	102	503
Line 36-9-09 North Section 1	3,300	27,975
Line 36-9-09 North Section 2A	-	106
Line 36-9-09 North Section 2B	139	2,954
Line 36-9-09 North Section 3	323	16,098
Line 36-9-09 North Section 4	762	7,727
Line 36-9-09 North Section 5	486	3,515
Line 36-9-09 North Section 6	33	3,529
Line 36-9-09 North Section 7	211	17,732
Line 36-9-09 South	13	722
Line 36-1001	4	59
Line 36-1002	77	1,899
Line 36-1032	59	10,989
Line 36-9-21	2	661
Line 36-37	16	1,955
Line 37-07	803	27,733
Line 37-18	434	28,035
Line 37-18 F	390	2,736

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

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	February	Project-To-Date Total
Line 37-18 K	(31)	105
Line 38-101	27	157
Line 38-143	(31)	76
Line 38-200	54	2,527
Line 38-501 Section 1	167	5,091
Line 38-501 Section 2	62	569
Line 38-504	149	1,367
Line 38-512	2,747	29,197
Line 38-512 Section 3	10	54
Line 38-514	-	-
Line 38-514 Section 1	61	200
Line 38-514 Section 2	672	1,284
Line 38-539	(42)	15,468
Line 38-556	-	428
Line 38-931	41	776
Line 38-960	64	653
Line 38-1102	7	157
Line 38-KWB-P1B-01	238	1,532
Line 404	-	13
Line 404 Section 1 ⁽¹²⁾	32	1,901
Line 404 Section 2 ⁽¹²⁾	98	3,007
Line 404 Section 2A	1	1
Line 404 Section 3,7&8,8A ⁽¹²⁾	10	8,517
Line 404 Section 3A ⁽¹²⁾	84	546
Line 404 Section 4&5 ⁽¹²⁾	159	4,781
Line 404 Section 4A ⁽¹²⁾	47	308
Line 404 Section 9 ⁽¹²⁾	13	696
Line 406	8	9,656
Line 406 Section 3	5	1,394
Line 404/406 Somis Station	48	372
Line 407	100	6,307
Line 41-04ST1	-	-
Line 41-17	-	29
Line 41-17-F	-	-
Line 41-116	-	2
Line 41-116BP1	-	7
Line 41-201	-	3
Line 41-30	14	56
Line 41-30-A	-	429
Line 41-6000-2	3,443	44,528
Line 41-6001-2	-	245
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	4	141
Line 43-121 North	130	4,817
Line 43-121 South	305	22,521
Line 44-1008	(127)	1,340
Line 44-137	543	20,919
Line 44-687	166	5,032
Line 44-719	-	1
Line 44-654	(4)	1,825
Line 44-720	314	9,299
Line 45-1001	(19)	76
Line 45-120 Section 1	9	5,818
Line 45-120 Section 2	199	34,255
Line 45-120X01	-	750
Line 4000	-	87
Valves	5,265	104,153
Storage Field- Playa Del Rey	121	2,585

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

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	February	Project-To-Date Total
Storage Field- Goleta / Line 127	25	155
Methane Detectors	255	307
Communications *	(106)	1,304
Construction *	(598)	2,731
Engineering ⁽¹³⁾	4,644	8,041
Training *	(144)	1,624
Gas Control *	(95)	78
Environmental *	150	786
Supply Management *	(979)	4,870
General Administration *	(1,464)	7,449
Program Management Office *	(1,745)	5,410
Total SCG PSEP Pipeline and Valve Projects	26,051	715,160

*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 February and project-to-date costs from May 2012 to February 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 February 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,014,458 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 February 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,661 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 February 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$99,368,681 which includes balancing account interest.
- (8) As of February 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,099,821 which includes balancing account interest.
- (9) As of February 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$22,659,213 which includes balancing account interest.
- (10) As of February 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$3,782,807 which includes balancing account interest.
- (11) Lines 85 North and 85 South have been combined and reported as Line 85. Historical costs are included.
- (12) Historical costs for project lines 404 were allocated to the correct sections.
- (13) Increase of \$4.6MM for SoCalGas Engineering is primarily driven by \$2.6MM of spending for test head materials. These costs will be allocated to the projects in the March 2016 report.

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

Appendix B Active Projects

SDGE	(in \$1,000)	
PSEP Pipeline Projects	February	Project-To-Date Total
Line 1600 South	1	412
Line PSRP (3602)	443	11,157
Line 49-11	160	3,915
Line 49-13	249	13,093
Line 49-14	9	4,027
Line 49-15 Distribution	2,598	9,750
Line 49-15 Transmission	1,271	4,131
Line 49-16 Pipeline	434	6,444
Line 49-16 La Mesa Gate Station	-	5
Line 49-16 4th & Palm	-	6
Line 49-17 East	1,099	18,879
Line 49-17 West	501	17,276
Line 49-20	-	-
Line 49-22	4	4,054
Line 49-25	614	19,446
Line 49-26	63	7,818
Line 49-28	1,769	31,370
Line 49-32 (Replacement)	146	5,591
Valves	172	3,074
Methane Detectors	14	63
Communications *	(15)	54
Construction *	(383)	292
Engineering *	31	415
Training *	(64)	323
Gas Control *	(13)	8
Environmental *	60	54
Supply Management *	(798)	423
General Administration *	(279)	470
Program Management Office *	(407)	321
Total SDGE PSEP Pipeline and Valve Projects	7,682	162,871

*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 February and project-to-date costs from May 2012 to February 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 February 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,014,458 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 February 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,661 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 February 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$99,368,681 which includes balancing account interest.
- (8) As of February 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,099,821 which includes balancing account interest.
- (9) As of February 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$22,659,213 which includes balancing account interest.
- (10) As of February 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$3,782,807 which includes balancing account interest.

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

Appendix B

Projects Remediated or Removed

SCG	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	February	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 February 2016

Appendix B

Projects Remediated or Removed

SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	February	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	February	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 February 2016

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	February	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)	
	February	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 February and project-to-date costs from May 2012 to February 2016.
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- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of February 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$47,014,458 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 February 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,661 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 February 2016				
Valve Projects	Feb-16 No. of Valves ⁽¹⁾	Feb-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Feb-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	709
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,158
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	701
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	Stage 7 Close-out / Reconciliation	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	10,219
407 Sullivan Canyon ⁽⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	1,087
Victoria Station	4	Stage 7 Close-out / Reconciliation	Dec-14	1,529
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,818
Pixley Station	3	Stage 7 Close-out / Reconciliation	Nov-14	1,328
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	730
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	5,076
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	6,279
Blythe ⁽³⁾				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	843
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	400
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	2,115
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	3,929
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	2,433
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	729
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	7,791
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	5,040
404-406 Valley	3	Stage 5-6 Construction / Turnover	Sep-15	1,647
Indio ⁽⁴⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,256
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	455
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	90
Santa Barbara - 1005 ⁽¹⁰⁾	1	Stage 5-6 Construction / Turnover	Mar-15	311
L4000 MP 45.36 ⁽⁹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	177
L4000 MP 53.00 ⁽⁸⁾	3	Stage 5-6 Construction / Turnover	May-15	1,624
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	560
L4000 MP 80.08 MLV	3	Stage 5-6 Construction / Turnover	May-15	1,129
L4002 MP 67.00 MLV ⁽¹²⁾	N/A	N/A	N/A	515
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	2,521
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	1,542
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	2,128
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	894
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	2,765
Quigley Station ⁽¹²⁾	N/A	N/A	N/A	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	1,440
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	3,431
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	2,228
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	1,641
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	338
Los Alamitos ⁽¹²⁾	N/A	N/A	N/A	197
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	426
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	510
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	931
SL45-120 Section 2 ⁽⁵⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	129
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	442
L1017	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	150
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	180
L2000 Beaumont Riverside ⁽¹¹⁾				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	2,215
L2000 Beaumont 2016	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Feb-16 No. of Valves ⁽¹⁾	Feb-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Feb-16	
L7000	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	443
Taft	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	368
Rainbow	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	762
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	1,275
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	6
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	1,149
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	78
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	111
Adelanto ⁽¹³⁾	4	N/A	Sep-17	3
Apple Valley	1	Stage 1 Project Initiation	Dec-17	2
Burbank & Lindley	3	Stage 1 Project Initiation	May-17	19
Blythe COMMs ⁽¹³⁾	0	N/A	Jun-18	1
Del Amo Station ⁽¹³⁾	6	N/A	Sep-18	1
Del Amo / Wilmington	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	28
Haskell Station FM ⁽¹³⁾	1	N/A	Feb-18	1
L2002	0	Stage 1 Project Initiation	Dec-16	4
L4000 Victorville ⁽¹³⁾	13	N/A	Jan-19	2
L6916	6	Stage 1 Project Initiation	Jan-17	5
Needles COMMs ⁽¹³⁾	1	N/A	Feb-17	1
Pico ⁽¹³⁾	8	N/A	May-18	18
Wilmington ⁽¹³⁾	6	N/A	Dec-18	43
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	7
Glendale Bundle ⁽¹³⁾	10	N/A	Dec-18	-
Western/Del Rey Bundle ⁽¹³⁾	9	N/A	May-19	1
L8109 Bundle ⁽¹³⁾	6	N/A	May-19	-
Willow Station	4	Stage 1 Project Initiation	Sep-17	2
Victorville COMMs	1	Stage 1 Project Initiation	Oct-17	-
Ventura Station ⁽¹³⁾	6	N/A	Jun-17	-
Chestnut & Grand ⁽¹³⁾	4	N/A	Mar-18	1
L247 Goleta	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-17	1
404-406 Ventura 2016 Bundle	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	4
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	165
Spence Station ⁽¹³⁾	4	N/A	Sep-17	1
Carpenteria Bundle	2	Stage 1 Project Initiation	Jan-17	1
Santa Barbara Bundle	6	Stage 1 Project Initiation	Apr-17	1
Goleta Bundle	7	Stage 1 Project Initiation	Apr-17	3
Total SoCalGas Valves				104,153
Valve Projects	Feb-16 No. of Valves ⁽¹⁾	Feb-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported	Project-To-Date Total (in \$1,000)
Valves-SDG&E				
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	115
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	213
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	2,578
49-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	42
49-16 RCV ⁽¹⁴⁾	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	-
49-16 RCV (4th & Palm)				-
49-16 RCV (La Mesa Gate)				11
49-16 RCV (Mass&Main)				39
49-32-L RCV	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	76
Total SDG&E Valves				3,074

⁽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 descope 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 descope 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"