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November 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-September 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 September 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: Belinda Gatti, CPUC Energy Division
 Jean Spencer, CPUC Energy Division
 Sunil Shori, CPUC Safety and Enforcement Division
 Kenneth Bruno, CPUC Safety and Enforcement Division

September 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 September 2016.

II. Current Status

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

Pipelines:

1. New construction activity began on 4 pipeline projects
 - 36-9-09 North Section 7A (Arroyo Grande)
 - 32-21 Section 3 (Pasadena, Alhambra, San Marino)
 - 38-504 (Hanford)
 - 41-17 (San Jacinto)
2. 24 pipeline projects are in Construction (Stage 5)
3. 5 pipeline projects are in Start Up/Turnover (Stage 6)
4. 48 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 4 valve projects
 - L4000 MP 45.36 (San Bernardino)
 - L7000-P1B (Kern County, Delano, Tulare County, Tipton)
 - 49-11 (San Diego)
 - Sepulveda Station-P1B (Long Beach)
2. 33 valve projects are in construction/turnover (Stages 5-6)
3. 17 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 September 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 17:
Project "36-9-09 North Section 5" has been broken into two separate projects, "36-9-09 North Section 5" and "36-9-09 North Section 5C".
- Appendix B, SoCalGas and SDG&E Active Projects Table, Footnote 5:
SoCalGas PSRMA balance reflects approximately \$0.6 million of amortization revenues and a transfer of \$0.7 million to its Transmission Integrity Management Program (TIMPBA) for costs of pressure testing of Line 404.
- Appendix B, SoCalGas and SDG&E Active Projects Table, Footnote 7:
SoCalGas' SEEBA balance reflects approximately \$3.5 million of amortization revenues and decreased by approximately \$5 million compared to the August 2016 report primarily due to \$4.7 million of pressure testing costs of Line 404, Sections 7&8, being removed from the SEEBA and transferred to the TIMPBA.
- Appendix B, SoCalGas and SDG&E Active Projects Table, Footnote 8:
Pursuant to D.16-08-003, SoCalGas and SDG&E are authorized interim rate recovery of 50% of the recorded balances, reduced by amounts currently under review by the Commission, in their SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- Appendix B, SoCalGas Active Projects Table, Footnote 11:
The September activity for Line 85 reflects accruals in August 2016 that were reversed in September 2016.
- Appendix B, Remediated or Removed Projects list, Footnote 1:
The September 2016 decrease compared to August 2016 for 38-532 and 35-20A projects reflect adjustments to remove AFUDC costs from the closed project.
- Appendix B, Remediated or Removed Projects list, Footnote 2:
The increase in Line 41-19 costs in September 2016 are due to late invoices.
- Appendix C, Records Review and Interim Safety Measure Costs, Footnote 5:
SoCalGas PSRMA balance reflects approximately \$0.6 million of amortization revenues and a transfer of \$0.7 million to its Transmission Integrity Management Program (TIMPBA) for costs of pressure testing of Line 404.

PSEP - SCG / SDG&E

Appendix A - Active Projects List as of September 2016

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	September-16 Project Lifecycle Stage ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September-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			7-Close-out		Jul-14
Santa Fe Springs Sta.			4-Detailed Design		Oct-16
2001 West ⁽⁴⁾	3	64.10		1950	
2001 West - A			7-Close-out		Apr-14
2001 West - B ⁽⁶⁾					
Section 10,11,14			7-Close-out		Aug-14
Section 17,18,19			7-Close-out		Aug-15
2000-C/2001W - C Desert Bundle ^{(3),(4),(6)}					
2000-C			4-Detailed Design		Jan-17
2001 West - C			4-Detailed Design		Sep-17
2000-D			3-Project Definition		Jun-18
2001 West - D			3-Project Definition		Jun-18
1005	4	3.50	7-Close-out	1949	Sep-14
2003 ⁽⁶⁾	6	26.50		1949	
Line 2003			7-Close-out		Aug-14
Line 2003 Section 2			7-Close-out		Jul-15
407	7	6.30	7-Close-out	1951	Mar-14
406 ⁽⁶⁾	9	20.70		1951	
Section 1,2,2A,4,5			7-Close-out		Aug-14
Section 3			7-Close-out		Jun-16
235 West	10	3.10	7-Close-out	1957	Jun-14
1013	11	3.50	7-Close-out	1954	Jul-14
1015	12	7.85	7-Close-out	1954	Aug-14
1004	13	19.70	7-Close-out	1944	May-15
404 ⁽⁶⁾	14	37.80		1949	
Section 1			7-Close-out		Sep-15
Section 2			7-Close-out		Sep-15
Section 2A			4-Detailed Design		Mar-17
Section 3,7&8,8A			7-Close-out		Feb-14
Section 3A			5-Construction		Aug-16
Section 4&5			7-Close-out		Sep-15
Section 4A			4-Detailed Design		Jan-18
Section 9			7-Close-out		Jun-16
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			5-Construction		Aug-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		Jan-17
45-120 ⁽⁶⁾	25	4.30		1930	
Section 1			7-Close-out		Mar-14
Section 2			5-Construction		Sep-14
32-21 ⁽⁶⁾	26	10.23		1948	
Section 1			7-Close-out		May-15
Section 2			6-Start Up/Turnover		Jun-16
Section 3			5-Construction		Sep-16
41-6000-2 ⁽⁹⁾	27	39.95	Various	1948	Various
36-9-09 North ⁽⁶⁾	29	16.02		1932	
Section 1			5-Construction		May-15
Section 2A			4-Detailed Design		Jul-18
Section 2B			Closed		Jun-14
Section 3			7-Close-out		Dec-14
Section 4 ⁽¹²⁾			5-Construction		Sep-14
Section 5			6-Start Up/Turnover		Feb-16
Section 5C ⁽¹⁷⁾			4-Detailed Design		Nov-16
Section 6A			Closed		Mar-15
Section 6B			3-Project Definition		Oct-17
Section 7A			5-Construction		Sep-16
Section 7B			7-Close-out		May-15
1011	36	5.14	7-Close-out	1955	Jul-14

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	September-16 Project Lifecycle Stage ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September-16
Pipeline-SCG					
36-37	38	0.02	7-Close-out	1970	May-14
42-66-1&2 ⁽¹⁰⁾			Closed		Oct-13
42-66-1	40	0.04		1947	
42-66-2	41	0.03		1947	
37-18 ⁽⁶⁾	45	4.16		1945	
37-18			5-Construction		Oct-14
Line 37-18 Section 5			4-Detailed Design		May-17
37-18-F	46	2.06	5-Construction	1946	Aug-16
37-18-K	12	2.85	3-Project Definition	1949	Mar-17
30-18 ⁽⁶⁾	47	2.58		1943	
30-18			5-Construction		Jul-14
30-18 Section 3			4-Detailed Design		Nov-17
44-654	50	0.01	7-Close-out	1957	Jun-14
31-09 ⁽¹⁴⁾	52	12.81	7-Close-out	1958	Jul-15
37-07	53	2.68	7-Close-out	1945	Sep-14
33-121 (REPL) ⁽¹⁵⁾	59	0.16	3-Project Definition	1955	Jun-17
41-6001-2	63	0.005	3-Project Definition	1967	Mar-17
36-1032 (REPL) ⁽¹⁵⁾	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 ⁽¹⁶⁾	82	3.95	N/A	1953	N/A
38-200	86	0.23	7-Close-out	1948	Apr-16
45-120X01	87	0.01	Closed	1930	Sep-13
38-501 ⁽⁶⁾	89	1.98		1952	
Section 1			7-Close-out		Jun-15
Section 2			5-Construction		Aug-16
36-1002	96	0.21	7-Close-out	1928	May-15
44-687	99	0.23	7-Close-out	1946	Sep-14
38-512 ⁽⁶⁾	106	4.78		1939	
Line 38-512			7-Close-out		Mar-15
Line 38-512 Section 3			3-Project Definition		Mar-17
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	7-Close-out	1964	Oct-14
36-9-21	126	5.06	3-Project Definition	1950	Sep-17
44-720	132	1.17	7-Close-out	1947	Jun-15
41-201 ⁽¹⁶⁾	138	0.01	N/A	1957	N/A
41-116	142	0.006	4-Detailed Design	1957	Oct-16
41-116BP1 ⁽¹⁶⁾	143	0.002	N/A	1957	N/A
225	N/A	N/A	4-Detailed Design	1959	Mar-18
235W Sawtooth Canyon	N/A	N/A	7-Close-out	1957	Oct-14
38-931	N/A	N/A	4-Detailed Design	1942	Nov-16
38-504	N/A	N/A	5-Construction	1952	Sep-16
38-514 ⁽⁶⁾	N/A	N/A		1945	
Section 1			7-Close-out		May-16
Section 2			6-Start Up/Turnover		Feb-16
36-9-09 South	N/A	N/A	7-Close-out	1951	Apr-16
36-9-09-JJ	N/A	N/A	6-Start Up/Turnover	1920	Jun-16
85 ⁽¹³⁾	N/A	N/A	3-Project Definition		TBD
85 South Newhall	N/A	N/A	7-Close-out	1931	Dec-14
404-406 Somis Station ⁽¹¹⁾	N/A	N/A	4-Detailed Design	1951	Jun-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			4-Detailed Design		Apr-17
L128-P1B-01			2-Selection		Jan-17
36-1001-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1925	Mar-18
36-1032-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1928	May-18
36-37-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1927	May-18
36-1002-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1928	Jun-18
43-121-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1930	Oct-18
45-1001-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1925	Oct-18
38-931-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1942	Nov-18
36-9-09N-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1920	Mar-18
38-101-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1921	Apr-18
38-960-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1928	May-18
44-1008-P1B-01 ⁽¹⁴⁾	N/A	N/A	2-Selection	1937	May-18
38-143-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1939	Nov-18
38-1102-P1B-01 ⁽¹⁴⁾	N/A	N/A	2-Selection	1938	May-18
7043-P1B-01 ⁽¹⁴⁾	N/A	N/A	1-Project Initiation	1930	Mar-18
127-P1B-01 ⁽¹⁴⁾	N/A	N/A	2-Selection	1944	Apr-18
1004-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1945	Jul-18
38-KWB-P1B-01	N/A	N/A	7-Close-out	Various	Oct-15
38-514-P1B-01 ⁽¹⁴⁾	N/A	N/A	3-Project Definition	1945	Mar-18
103 ⁽¹⁴⁾	N/A	N/A	2-Selection	1941	Jan-18
41-17	57	3.580	5-Construction	1955	Sep-16
41-17-F ⁽¹⁶⁾	60	0.030	N/A	1955	N/A

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	September-16 Project Lifecycle Stage ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September-16
Pipeline-SCG					
Pipeline-SDG&E					
PSRP Line 1600/3602 ⁽¹³⁾	N/A	47.00	4-Detailed Design		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 (REPL) ⁽¹⁵⁾	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		Jun-17
49-16 Gate Station			4-Detailed Design		Jun-17
49-11	7	6.30	6-Start Up/Turnover	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	5-Construction	1965	Aug-16
49-20	3	0.040	N/A	N/A	Nov-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⁾ Project 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 1600/3602) was previously added to Appendix A and is the subject of Application 15-09-013 for a Certificate of Public Convenience and Necessity, which was filed consistent with D. 14-06-007 and is pending Commission review. Line 85 North and Line 85 South have been added and combined in Appendix A as Line 85.

⁽¹⁴⁾ Construction start dates and lifecycle stages for Phase 1B projects are as of March 2016 and may be forecasted to change pending final CPUC approval.

⁽¹⁵⁾ Project name has been changed to include "(REPL)" at the end of the project name.

⁽¹⁶⁾ Projects 41-17-F, 41-30, 41-201 and 41-116BP1 are in the process of being descoped.

⁽¹⁷⁾ Project "36-9-09 North Section 5" has been broken into two separate projects, "36-9-09 North Section 5" and "36-9-09 North Section 5C".

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

Appendix B Active Projects

SCG	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 85 ⁽¹¹⁾	(5)	3,110
Line 85 South Newhall	63	8,395
Line 103	2	36
Line 127	3	218
Line 128	-	42
Line 225	(1)	2,496
Line 1004	(772)	13,218
Line 1005	-	5,820
Line 1011	-	2,418
Line 1013	-	2,420
Line 1014	-	825
Line 1015	(221)	2,234
Line 2000-A	-	22,427
Line 2000-Bridge	57	452
Line 2000-C	27	6,102
Line 2000-D	79	1,300
Line 2000-E	48	176
Line 2000-West	13	23,201
Line 2000-West Santa Fe Springs Station	231	2,714
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	(7)	11,872
Line 2001 West - B Section 17, 18, 19	(33)	5,092
Line 2001 West-C	60	2,013
Line 2001 West-D	54	604
Line 2001 West-E	3	123
Line 2003	-	8,817
Line 2003 Section 2	9	2,673
Line 235 West	-	3,406
Line 235 West Sawtooth Canyon	-	1,884
Line 30-18	11	23,145
Line 31-09	4	7
Line 32-21 Section 1	(3)	11,020
Line 32-21 Section 2	592	2,730
Line 32-21 Section 3	156	712
Line 33-120 Section 1	(143)	2,839
Line 33-120 Section 2	-	7,052
Line 33-120 Section 3	45	1,821
Line 33-121	47	1,277
Line 35-20-N	-	231
Line 36-9-09 JJ	482	1,267
Line 36-9-09 North	939	2,086
Line 36-9-09 North Section 1	911	39,435
Line 36-9-09 North Section 2A	-	88
Line 36-9-09 North Section 2B	2	2,957
Line 36-9-09 North Section 3	290	23,817
Line 36-9-09 North Section 4	108	8,236
Line 36-9-09 North Section 5	120	8,931
Line 36-9-09 North Section 5A	409	1,881
Line 36-9-09 North Section 5C	136	314
Line 36-9-09 North Section 6	9	3,788
Line 36-9-09 North Section 7	484	25,067
Line 36-9-09 South	134	1,978
Line 36-1001	82	171
Line 36-1002	388	2,918
Line 36-1032 (Replace Section 1-3)	632	11,246
Line 36-1032 Section 4	(3)	1,344

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

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 36-9-21	117	823
Line 36-37	310	3,181
Line 37-07	(6)	26,392
Line 37-18	379	34,982
Line 37-18 F	828	4,370
Line 37-18 K	59	192
Line 38-101	161	536
Line 38-143	48	302
Line 38-200	54	7,214
Line 38-501 Section 1	73	5,152
Line 38-501 Section 2	2,490	4,801
Line 38-504	464	2,507
Line 38-512	134	27,384
Line 38-512 Section 3	4	210
Line 38-514	126	314
Line 38-514 Section 1	133	1,970
Line 38-514 Section 2	100	11,275
Line 38-539	1	15,476
Line 38-556	24	621
Line 38-931	191	1,546
Line 38-960	19	1,404
Line 38-1102	52	376
Line 38-KWB-P1B-01	2	1,658
Line 404	-	15
Line 404 Section 1	49	2,530
Line 404 Section 2	23	3,811
Line 404 Section 2A	17	156
Line 404 Section 3,7&8,8A	8	8,630
Line 404 Section 3A	1,622	2,868
Line 404 Section 4&5	5	6,099
Line 404 Section 4A	30	608
Line 404 Section 9	92	1,858
Line 406	(4)	9,681
Line 406 Section 3	90	2,624
Line 404/406 Somis Station	110	790
Line 407	(1)	6,366
Line 41-04ST1	-	-
Line 41-17	2	56
Line 41-17-F	-	-
Line 41-116	-	12
Line 41-116BP1	-	8
Line 41-201	-	3
Line 41-30	(58)	66
Line 41-30-A	-	431
Line 41-6000-2	238	75,390
Line 41-6001-2	-	246
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	28	266
Line 43-121 North	1,658	6,650
Line 43-121 South	580	25,576
Line 44-1008	5	1,217
Line 44-137	197	23,649
Line 44-687	26	5,003
Line 44-654	-	1,825
Line 44-720	116	9,628
Line 45-1001	9	268
Line 45-120 Section 1	-	5,818
Line 45-120 Section 2	30	37,188

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

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 45-120X01	-	750
Line 7043	39	61
Valves	5,170	140,347
Storage Field- Playa Del Rey	-	2,581
Storage Field- Goleta	57	253
Methane Detectors	2	322
Communications *	58	1,067
Construction *	427	2,961
Engineering *	1,653	6,967
Training *	51	1,165
Gas Control *	7	66
Environmental *	53	467
Supply Management *	292	4,079
General Administration *	631	12,227
Program Management Office *	283	4,215
Total SCG PSEP Pipeline and Valve Projects	24,796	891,694

*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 September and project-to-date costs from May 2012 to September 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 September 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$45,841,817, 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), and reflects approximately \$0.6 million of amortization revenues. In addition, the balance reflects a transfer of \$0.7 million to its Transmission Integrity Management Program (TIMPBA) for costs of pressure testing of Line 404.
- (6) As of September 2016, the SDGE balance in the PSRMA reflects a balance of \$83,895 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 September 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$111,323,976, which includes balancing account interest and reflects approximately \$3.5 million of amortization revenues. SoCalGas' SEEBA balance decreased by approximately \$5 million compared to the August 2016 report primarily due to \$4.7 million of pressure testing costs of Line 404, Sections 7&8, being removed from the SEEBA and transferred to the TIMPBA
- (8) As of September 2016, the SDGE balance in the SEEBA reflects a balance of \$8,395,620 which includes balancing account interest and approximately \$200k of amortization revenues. Pursuant to D.16-08-003, SoCalGas and SDG&E are authorized interim rate recovery of 50% of the recorded balances, reduced by amounts currently under review by the Commission, in their SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- (9) As of September 2016, the SCG balance in the SECCBA reflects a balance of \$56,038,290 which includes balancing account interest and reflects approximately \$1.2 million of amortization revenues.
- (10) As of September 2016, the SDGE balance in the SECCBA reflects a balance of \$9,243,861 which includes balancing account interest.
- (11) The September activity for Line 85 reflects accruals in August 2016 that were reversed in September 2016.

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

Appendix B Active Projects

SDGE		(in \$1,000)
PSEP Pipeline Projects	September	Project-To-Date Total
Line 1600 South	-	444
Line PSRP 1600/3602	1,497	16,234
Line 49-11	58	5,018
Line 49-13	282	20,947
Line 49-14	2	4,047
Line 49-15 Distribution	1,197	17,283
Line 49-15 Transmission	106	5,809
Line 49-16 Pipeline	1,424	10,489
Line 49-16 La Mesa Gate Station	10	282
Line 49-16 4th & Palm	30	432
Line 49-17 East	2,076	39,347
Line 49-17 West	(420)	17,462
Line 49-20	-	-
Line 49-22	4	4,053
Line 49-25	471	20,555
Line 49-26	1,842	28,565
Line 49-28	345	36,569
Line 49-32 (Replacement)	(2)	3,580
Line 49-32 L	307	2,903
Valves	294	5,389
Methane Detectors	-	104
Communications *	(8)	8
Construction *	24	238
Engineering *	16	297
Training *	(13)	57
Gas Control *	-	10
Environmental *	35	46
Supply Management *	(26)	309
General Administration *	148	1,076
Program Management Office *	17	279
Total SDGE PSEP Pipeline and Valve Projects	9,716	241,832

*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 September and project-to-date costs from May 2012 to September 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 September 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$45,841,817, 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), and reflects approximately \$0.6 million of amortization revenues. In addition, the balance reflects a transfer of \$0.7 million to its Transmission Integrity Management Program (TIMPBA) for costs of pressure testing of Line 404.
- (6) As of September 2016, the SDGE balance in the PSRMA reflects a balance of \$83,895 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 September 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$111,323,976, which includes balancing account interest and reflects approximately \$3.5 million of amortization revenues. SoCalGas' SEEBA balance decreased by approximately \$5 million compared to the August 2016 report primarily due to \$4.7 million of pressure testing costs of Line 404, Sections 7&8, being removed from the SEEBA and transferred to the TIMPBA.
- (8) As of September 2016, the SDGE balance in the SEEBA reflects a balance of \$8,395,620 which includes balancing account interest and approximately \$200k of amortization revenues. Pursuant to D.16-08-003, SoCalGas and SDG&E are authorized interim rate recovery of 50% of the recorded balances, reduced by amounts currently under review by the Commission, in their SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- (9) As of September 2016, the SCG balance in the SECCBA reflects a balance of \$56,038,290 which includes balancing account interest and reflects approximately \$1.2 million of amortization revenues.
- (10) As of September 2016, the SDGE balance in the SECCBA reflects a balance of \$9,243,861 which includes balancing account interest.

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

Appendix B

Projects Remediated or Removed

SCG	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed	September	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 ⁽¹⁾	(3)	55
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	-	28
Line 41-19 ⁽²⁾	5	32
Line 41-25	-	1
Line 41-207BR1	-	76
Line 41-35-1-KST2	-	-
Line 41-80	-	41
Line 44-719	-	1
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	-	-
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed	September	Project-To-Date Total
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	-
Line 35-20	-	-
Line 35-20-A ⁽¹⁾	(2)	15
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	-	1
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Line 4000	-	-
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed	-	669

(1) The September 2016 decrease compared to August 2016 for 38-532 and 35-20A projects reflect adjustments to remove AFUDC costs from the closed project.

(2) The increase in Line 41-19 costs in September 2016 are due to late invoices.

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

Appendix B

Projects Remediated or Removed

SDG&E		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed	September	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	-	-

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

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	September	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)	
	September	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:

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- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of September 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$45,841,817, 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), and reflects approximately \$0.6 million of amortization revenues. In addition, the balance reflects a transfer of \$0.7 million to its Transmission Integrity Management Program (TIMPBA) for costs of pressure testing of Line 404.
- (6) As of September 2016, the SDGE balance in the PSRMA reflects a balance of \$83,895 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 September 2016				
Valve Projects	Sep-16 No. of Valves ⁽¹⁾	September-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in September-16	Project-To-Date Total (in \$,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	505
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 7 Close-out / Reconciliation	Jun-14	6,789
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	12,279
407 Sullivan Canyon-P1B ^{(7), (12)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	1,116
Victoria Station	4	Closed	Dec-14	1,532
Alhambra Station	3	Stage 7 Close-out / Reconciliation	Apr-15	3,030
Pixley Station	3	Closed	Nov-14	1,339
2001W Seg 10-11-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	768
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	5,035
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	7,670
Blythe ⁽³⁾				
Blythe (Cactus City)-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	841
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	409
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	2,175
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	4,599
Palowalla-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	2,193
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	1,167
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	8,927
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	6,999
404-406 Valley	7	Stage 5-6 Construction / Turnover	Sep-15	2,717
Indio ⁽⁴⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,183
Indio 2016-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	737
235-198.20 ⁽⁶⁾	N/A	N/A	N/A	1
L1004 MP 15.27 Carpinteria-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	101
Santa Barbara - 1005 ⁽¹⁰⁾	1	Stage 7 Close-out / Reconciliation	Mar-15	401
L4000 MP 45.36 ⁽⁹⁾	1	Stage 5-6 Construction / Turnover	Sep-16	322
L4000 MP 53.00 ⁽⁸⁾	3	Stage 7 Close-out / Reconciliation	May-15	1,832
L4000 MP 69.00 MLV-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	569
L4000 MP 80.08 MLV	3	Stage 7 Close-out / Reconciliation	May-15	1,239
L4002 MP 67.00 MLV ⁽⁶⁾	N/A	N/A	N/A	437
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	5,976
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	5,614
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	2,659
Banning 2001	6	Stage 5-6 Construction / Turnover	Apr-16	1,590
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	3,094
Quigley Station ⁽⁶⁾	N/A	N/A	N/A	29
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	1,618
Aviation	10	Stage 5-6 Construction / Turnover	May-16	7,282
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	3,617
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	3,337
Honor Ranch - L225	5	Stage 5-6 Construction / Turnover	May-16	1,423
Los Alamitos ⁽⁶⁾	N/A	N/A	N/A	239
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	470
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	838
Fontana Bundle - L4002	1	Stage 7 Close-out / Reconciliation	Jul-15	1,030
SL45-120 Section 2-P1B ^{(5), (12)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	178
235-335 East	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	683
L1017-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	284
L1018-P1B ⁽¹²⁾	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	598
L2000 Beaumont Riverside ⁽¹¹⁾				
L2000 Beaumont 2015 ⁽¹⁸⁾	3	Stage 5-6 Construction / Turnover	Aug-15	2,606
L2000 Beaumont 2016 ⁽¹⁸⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	-
L7000-P1B ⁽¹²⁾	9	Stage 5-6 Construction / Turnover	Sep-16	1,074
Taft-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	771

Rainbow Bundle ⁽¹⁷⁾				
Rainbow ⁽¹⁷⁾	10	Stage 5-6 Construction / Turnover	May-16	3,596
Rainbow 2017 ⁽¹⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	3
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	2,700
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	9
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	1,662
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	84
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	256
Adelanto-P1B ^{(12), (13)}	4	N/A	Sep-17	4
Apple Valley-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	160
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	26
Blythe COMMS-P1B ⁽¹²⁾	0	Stage 1 Project Initiation	Jun-18	3
Del Amo Station-P1B ^{(12), (13)}	6	N/A	Sep-18	4
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	157
Haskell Station FM-P1B ^{(12), (13)}	1	N/A	Feb-18	5
L2002-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	5
L4000 Victorville-P1B ⁽¹²⁾	13	Stage 1 Project Initiation	Jan-19	4
L6916-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	132
Needles COMMS-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	3
Pico-P1B ^{(12), (13)}	8	N/A	May-18	87
Wilmington-P1B ^{(12), (13)}	5	N/A	Dec-18	214
L4002 MP 72.70-P1B ^{(12), (13)}	1	N/A	Sep-19	4
Brea Hacienda Bundle-P1B ⁽¹²⁾	10	Stage 1 Project Initiation	Oct-18	7
L4002 MP 86.44-FM-P1B ^{(12), (13)}	1	N/A	Jul-18	12
Yorba Station-P1B ^{(12), (13)}	1	N/A	Jan-19	2
Lampson Check Valves-P1B ⁽¹³⁾	1	N/A	Aug-18	7
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	4
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	22
Glendale Bundle-P1B ⁽¹³⁾	10	N/A	Dec-18	4
Western/Del Rey Bundle-P1B ⁽¹³⁾	9	N/A	May-19	7
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	3
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 5-6 Construction / Turnover	Sep-16	202
Victorville COMMS-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	131
Ventura Station Bundle-P1B ^{(12), (13), (16)}	6	N/A	Jun-17	3
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Mar-18	4
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	14
404-406 Ventura 2016 Bundle	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	279
L225 Bundle-P1B ⁽¹²⁾	5	Stage 5-6 Construction / Turnover	Aug-16	-
SB County Bundle-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	342
Spence Station-P1B ⁽¹²⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	14
Carpinteria Bundle-P1B ^{(12), (16)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	27
Santa Barbara Bundle-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	23
Goleta Bundle-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	64
Total SoCalGas Valves				140,352
Valve Projects	Valves ⁽¹⁾	September-16 Project Lifecycle Stage ⁽²⁾	Date (Est.) Reported	Total
		Valves-SDG&E		
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	126
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	231
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	3,879
49-11	1	Stage 5-6 Construction / Turnover	Sep-16	453
49-15 Transmission	2	Stage 5-6 Construction / Turnover	Nov-15	-
49-16 RCV ⁽¹⁴⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	-
49-16 RCV (4th & Palm)				9
49-16 RCV (La Mesa Gate)				12
49-16 RCV (Mass&Main)				150
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	499
49-28	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	25
3011 and 2010	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	6
L115 Bundle-P1B ⁽¹³⁾	12	N/A	Mar-18	-
Total SDG&E Valves				5,390

⁽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)

⁽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,

⁽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 Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2".

⁽⁷⁾ Valve Project is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

⁽⁸⁾ Valve Bundle "407 San Vicente" has been renamed to "407 Sullivan Canyon".

⁽⁹⁾ Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00".

⁽¹⁰⁾ Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36".

⁽¹¹⁾ Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005".

⁽¹²⁾ Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".

⁽¹³⁾ Projects have been moved to Phase 1B and have been renamed to include "P1B".

⁽¹⁴⁾ New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.

⁽¹⁵⁾ 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".

⁽¹⁶⁾ Valve bundle "Willow Station" has been renamed to "Sepulveda Station" bundle.

⁽¹⁷⁾ Valve Project "Rainbow" has been split to "Rainbow Bundle" & "Rainbow Bundle 2017". "Rainbow Bundle" and "Rainbow Bundle 2017" now have separate scope, cost and schedule for each of these

⁽¹⁸⁾ The number of valves has changed due to change in project requirements.