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January 31, 2018

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-December 2017**

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 December 2017 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 CPUC) 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

December 2017 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 December 2017.

II. Current Status

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

Pipelines:

1. No new construction activity for the month of December
2. 7 pipeline projects are in Construction (Stage 5)
3. 53 pipeline projects are in turnover/close-out (Stages 6-7)

Valves:

1. New construction activity began on 2 valve projects
 - V-Adelanto-P1B-MLV4 (Adelanto)
 - Spence Station-P1B (Los Angeles)
2. 51 valve projects are in construction/turnover (Stages 5-6)
3. 15 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 A and Appendix C.

IV. Attachments

- Appendix A – *PSEP - SoCalGas / SDG&E - Active Pipeline Projects List with Cost*
- Appendix B – *PSEP - SoCalGas / SDG&E - Active Valve Projects List with Cost*
- Appendix C – *Records Review and Interim Safety Measure Costs*

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

V. **Notes**

- Appendix A, SoCalGas/SDG&E Active Pipeline Projects Table, Footnote E & F:
The overall regulatory account balances have decreased from the November to December 2017 report because amortization exceeds interest for the current month.
- Appendix A, SoCalGas/SDG&E Active Pipeline Projects Table, Footnote G & I:
The overall regulatory account balances have decreased from the November to December 2017 report due to amortization in excess of monthly expenses.
- Appendix A, SoCalGas Active Pipeline Projects Table, Footnote M:
The difference of approximately \$127K from November to December 2017 project-to-date costs is due to exclusion of Phase 2 project costs from 2016 Reasonableness Review filed project costs.

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for December 2017 ⁽¹³⁾	Predominant Vintage	Construction Start Date (Est.) Reported in December 2017	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
PSRMA Filing - A.14-12-016							
2000-A			Closed		Jun-13	-	22,427
42-66-1&2 ⁽⁹⁾			Closed		Oct-13	-	
42-66-1	40	0.04		1947		-	681
42-66-2	41	0.03		1947		-	-
Playa Del Rey Phase 1&2			Closed		Aug-13	-	648
2016 Reasonableness Review Filing - A.16-09-005							
1005	4	3.50	Closed	1949	Sep-14	-	5,820
1011	36	5.14	Closed	1955	Jul-14	-	2,418
1013	11	3.50	Closed	1954	Jul-14	-	2,423
1014	18	0.003	Closed	1959	Oct-14	-	825
1015	12	7.85	Closed	1954	Aug-14	-	2,470
2000-West ⁽⁵⁾							
2000-West Section 1,2,3 ⁽¹⁶⁾			7-Close-out		Jul-14	-	23,212
2001 West - A			Closed		Apr-14	-	745
2001 West - B ⁽⁵⁾							
2001 West-B Section 10,11,14			Closed		Aug-14	-	11,884
2003			Closed		Aug-14	-	8,802
235 West	10	3.10	Closed	1957	Jun-14	-	3,406
235W Sawtooth Canyon	N/A	N/A	Closed	1957	Oct-14	-	1,884
33-120 Section 2			Closed		Jun-14	-	7,052
35-20-N	113	0.010	Closed	1929	Aug-14	-	231
36-1032 (REPL) ⁽¹¹⁾	64	1.54	Closed	1963	May-14	-	10,008
36-37	38	0.02	Closed	1970	May-14	-	1,042
36-9-09 North Section 2B			Closed		Jun-14	-	2,416
36-9-09 North Section 6A			Closed		Mar-15	-	2,697
38-539	124	12.08	Closed	1964	Oct-14	-	15,469
406 Section 1,2,2A,4,5			Closed		Aug-14	-	9,685
407	7	6.30	Closed	1951	Mar-14	-	6,388
41-30-A	80	0.26	Closed	1940	Jul-14	-	433
44-654	50	0.01	Closed	1957	Jun-14	-	1,825
45-120 Section 1			Closed		Mar-14	-	5,828
45-120X01	87	0.01	Closed	1930	Sep-13	-	750
Storage - Playa Del Rey Phase 5 ⁽¹⁴⁾⁽¹⁶⁾			7-Close-out		Mar-15	-	1,665
2017 Forecast Application - A.17-03-021							
127-P1B-01 ⁽¹²⁾	N/A	0.003	2-Selection	1944	Mar-20	-	234
36-1001-P1B-01 ⁽¹²⁾	N/A	0.125	3-Project Definition	1925	Oct-19	-	141
45-1001-P1B-01 ⁽¹²⁾	N/A	1.454	3-Project Definition	1925	Oct-18	-	456
36-1002-P1B-01 ⁽¹²⁾	N/A	16.683	3-Project Definition	1928	Jun-19	-	1,541
PSEP-SL36-1002-P1B-11	N/A	N/A	N/A	N/A	N/A	-	(17)
PSEP-SL36-1002-P1B-12	N/A	N/A	N/A	N/A	N/A	-	(8)
PSEP-SL36-1002-P1B-13	N/A	N/A	N/A	N/A	N/A	-	(7)
PSEP-SL36-1002-P1B-14	N/A	N/A	N/A	N/A	N/A	-	(5)
36-37-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1927	Various	-	50
PSEP-SL36-37-P1B-11	N/A	7.635	N/A	N/A	Dec-18	18	1,744
PSEP-SL36-37-P1B-12	N/A	30.916	N/A	N/A	Feb-19	13	1,231
38-514-P1B-01 ⁽¹²⁾	N/A	1.387	3-Project Definition	1945	Jul-20	-	440
38-556	N/A	5.571	3-Project Definition	N/A	Apr-19	7	767
38-960-P1B-01 ⁽¹²⁾	N/A	6.112	3-Project Definition	1928	Jul-18	51	1,651
43-121-P1B-01 ⁽¹²⁾	N/A	0.258	3-Project Definition	1930	Sep-19	-	499
7043-P1B-01 ⁽¹²⁾	N/A	0.001	1-Project Initiation	1930	Mar-20	-	124
2000-C, D & E ⁽¹⁵⁾	N/A	45.938	2-Selection	N/A	Various	12	2,189
Future Filings							
225	N/A	N/A	4-Detailed Design	1959	Mar-19	-	1,374
1004	13	19.70	7-Close-out	1944	May-15	1	13,029
1004-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1945	Jul-18	-	580
103-P1B-01 ⁽¹²⁾	N/A	N/A	2-Selection	1941	Jun-18	0	52
128-P1B-01			2-Selection		Sep-18	2	45
2000-0.18-BO Crossover Piping ⁽⁴⁾			3-Project Definition		Jul-18		
2000-0.18-BO	23	0.01		1952		-	-
2000-0.18-XO1	43	0.01		1952		-	303
2000-0.18-XO2	16	0.01		1961		-	-
2000 ⁽⁵⁾	1	117.6 ⁽¹⁾		1947			
2000-Bridge			3-Project Definition		Jul-18	1	614
2000-West Santa Fe Springs Sta.			6-Start Up/Turnover		Oct-16	16	8,239
2001 West ⁽⁹⁾	3	64.10		1950			
2001 West-B Section 17,18,19			Closed		Aug-15	(5)	4,733
2000-C/2001W - C Desert Bundle ⁽⁹⁾⁽⁴⁾⁽⁵⁾							
2000-C			6-Start Up/Turnover		Jan-17	25	12,757
2001 West - C			4-Detailed Design		Oct-18	4	1,717
2000-D ⁽⁶⁾			5-Construction		Sep-17	205	2,704
2001 West - D			3-Project Definition		Oct-18	17	1,426
2001 West - E	N/A	N/A	2-Selection	N/A	N/A	-	2,063
2003 ⁽⁵⁾	6	26.50		1949			
2003 Section 2			Closed		Jul-15	-	2,534
235W-P2-01	N/A	N/A	N/A	N/A	N/A	1	110
30-18 ⁽⁵⁾	47	2.58		1943			
30-18 Section 1			7-Close-out		Jul-14	6	641
30-18 Section 2			4-Detailed Design		Jan-18	36	24,106
30-18 Section 3			7-Close-out		Oct-16	220	1,696
31-09 ⁽¹²⁾	52	12.81	Closed	1958	Jul-15	(149)	(74)

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in December 2017	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Future Filings							
32-21 ⁽⁵⁾	26	10.23		1948			
32-21 Section 1			Closed		May-15	(45)	9,438
32-21 Section 2			7-Close-out		Jun-16	51	5,179
32-21 Section 3			7-Close-out		Sep-16	1	3,565
33-120 ⁽⁵⁾	24	1.25		1940			
33-120 Section 1			6-Start Up/Turnover		Sep-17	2,391	8,423
33-120 Section 3			6-Start Up/Turnover		Jun-17	110	7,497
33-121 (REPL) ⁽¹¹⁾	59	0.16	4-Detailed Design	1955	Jan-18	54	1,915
36-1002	96	0.21	Closed	1928	May-15	-	1,846
36-1032 Section 4	N/A	N/A	6-Start Up/Turnover	1963	Jul-17	57	5,253
36-1032-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1928	May-18	-	292
PSEP-SL36-1032-P1B-11	N/A	N/A	N/A	N/A	N/A	-	507
PSEP-SL36-1032-P1B-12	N/A	N/A	N/A	N/A	N/A	-	574
PSEP-SL36-1032-P1B-13	N/A	N/A	N/A	N/A	N/A	-	621
PSEP-SL36-1032-P1B-14	N/A	N/A	N/A	N/A	N/A	1	564
36-9-09 North ⁽⁵⁾	29	16.02		1932			
36-9-09 North Section 1			7-Close-out		May-15	107	46,196
36-9-09 North Section 3			Closed		Dec-14	(3)	25,425
36-9-09 North Section 4 ⁽⁵⁾						0	3,034
36-9-09 North Section 4A			6-Start Up/Turnover		May-17	22	4,285
36-9-09 North Section 4B			Closed		Sep-14	0	5,647
36-9-09 North Section 5 ⁽⁵⁾						76	475
36-9-09 North Section 5A			7-Close-out		Feb-16	10	12,165
36-9-09 North Section 5C			7-Close-out		Dec-16	7	6,986
36-9-09 North Section 6B			5-Construction		Oct-17	1,856	7,044
36-9-09 North Section 7A			7-Close-out		Sep-16	186	10,343
36-9-09 North Section 7B			7-Close-out		May-15	-	24,246
36-9-09 South	N/A	N/A	Closed	1951	Apr-16	-	2,137
36-9-09-JJ	N/A	N/A	Closed	1920	Jun-16	9	1,708
36-9-09N-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1920	Mar-18	-	43
PSEP-SL36-9-09N-P1B-12	N/A	N/A				-	801
PSEP-SL36-9-09N-P1B-14	N/A	N/A				-	805
PSEP-SL36-9-09N-P1B-15	N/A	N/A				-	750
PSEP-SL36-9-09N-P1B-16	N/A	N/A				-	1,597
36-9-21	126	5.06	6-Start Up/Turnover	1950	Aug-17	184	6,116
37-07	53	2.68	7-Close-out	1945	Sep-14	-	27,417
37-18 ⁽⁵⁾	45	4.16		1945			
37-18			7-Close-out		Oct-14	(239)	49,545
37-18 Section 5			6-Start Up/Turnover		Apr-17	-	-
37-18-F	46	2.06	7-Close-out	1946	Aug-16	19	7,105
37-18-K	12	2.85	3-Project Definition	1949	Mar-18	54	1,244
38-101-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1921	Apr-18	17	1,042
38-1102-P1B-01 ⁽¹²⁾	N/A	N/A	2-Selection	1938	May-18	0	482
38-143-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1939	Nov-18	-	626
38-200	86	0.23	7-Close-out	1948	Apr-16	1	7,482
38-501 ⁽⁵⁾	89	1.98		1952			
38-501 Section 1			Closed		Jun-15	(702)	4,717
38-501 Section 2			7-Close-out		Aug-16	368	15,455
38-504	N/A	N/A	7-Close-out	1952	Sep-16	2	5,157
38-512 ⁽⁵⁾	106	4.78		1939			
38-512			7-Close-out		Mar-15	1,325	29,128
38-512 Section 3			6-Start Up/Turnover		Sep-17	(1,266)	52
38-514 ⁽⁵⁾	N/A	N/A		1945			
38-514 Section 1			Closed		May-16	12	1,900
38-514 Section 2			7-Close-out		Feb-16	1	11,564
38-931	N/A	N/A	7-Close-out	1942	Jan-17	7	6,546
38-931-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1942	Nov-18	-	91
38-KWB-P1B-01	N/A	N/A	Closed	Various	Oct-15	-	1,745
404 ⁽¹⁷⁾	14	37.80		1949			
404 Section 1			Closed		Sep-15	-	2,616
404 Section 2			Closed		Sep-15	5	3,775
404 Section 2A			7-Close-out		Mar-17	27	2,267
404 Section 3,7&8,8A			7-Close-out		Feb-14	-	2,437
404 Section 3A			7-Close-out		Aug-16	7	5,037
404 Section 4&5			Closed		Sep-15	4	6,181
404 Section 4A			4-Detailed Design		Mar-18	13	763
404 Section 9			Closed		Jun-16	3	1,860
404-406 Somis Station ⁽¹⁰⁾	N/A	N/A	4-Detailed Design	1951	Aug-18	(68)	1,171
406 ⁽⁵⁾	9	20.70		1951			
406 Section 3			Closed		Jun-16	4	2,369
41-116	142	0.006	7-Close-out	1957	Oct-16	13	31
41-17	57	3.580	7-Close-out	1955	Sep-16	-	2,544
41-30 ⁽¹³⁾	82	3.95	N/A	1953	N/A	-	33
41-6000-2 ⁽⁸⁾	27	39.95	7-Close-out	1948	Various	1,542	84,891
41-6000-2 Tie Over			5-Construction		Oct-17	-	-
41-6001-2	63	0.005	6-Start Up/Turnover	1967	Oct-17	302	443
43-121 ⁽⁵⁾	22	4.41		1930			
43-121 North ⁽⁵⁾			7-Close-out		Aug-16	(93)	14,365
L43-121N-P1A-02 ⁽⁵⁾			6-Start Up/Turnover		Apr-17	7	4,765
L43-121N-P1A-03 ⁽⁵⁾			6-Start Up/Turnover		Apr-17	(90)	4,695
L43-121N-P1A-04 ⁽⁵⁾			6-Start Up/Turnover		Aug-17	2,944	12,210
43-121 South			7-Close-out		Aug-14	23	30,201
44-1008 Section 2B ⁽⁷⁾⁽¹⁸⁾	107	10.06	N/A	1937	N/A	-	1,387
44-1008-P1B-01 ⁽¹²⁾	N/A	N/A	2-Selection	1937	May-18	2	285
44-137	15	1.00	7-Close-out	1950	Nov-14	-	24,563
44-687	99	0.23	7-Close-out	1946	Sep-14	8	5,163

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in December 2017	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Future Filings							
44-720	132	1.17	7-Close-out	1947	Jun-15	3	9,939
45-120 ⁽⁵⁾	25	4.30		1930			
45-120 Section 2			6-Start Up/Turnover		Sep-14	3,009	69,547
6921 Dowden & Kershaw	N/A	N/A	N/A		N/A	(0)	38
85 ⁽¹²⁾	N/A	N/A	3-Project Definition		TBD	106	4,256
85 South Newhall	N/A	N/A	7-Close-out	1931	Dec-14	(1)	8,908
36-200	N/A	N/A	N/A	N/A	N/A	-	21
Storage ⁽⁶⁾	-	2.83		various			
Storage - Goleta			4-Detailed Design		Mar-18	7	480
Valves- SoCalGas						3,906	200,256
Methane Detectors						33	421
Communications *						-	(27)
Construction *						(0)	1,094
Engineering *						4	258
Training *						12	104
Gas Control *						-	1
Environmental *						-	3
Supply Management *						-	74
General Administration *						155	13,564
Program Management Office *						9	296
Total SoCalGas PSEP Pipeline and Valve Projects ^(M)						17,049	1,142,869

*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. In addition, adjustment will be made due to changes in project plans, scope, and schedule from the original projection of O&M and Capital project spend.

Overall Financial Notes:

(A) Costs reflect actuals for the month of December and project-to-date costs from May 2012 to December 2017.

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

(C) Costs are in nominal direct dollars.

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

(E) As of December 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$11,571,335 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 \$35.0 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.

(F) As of December 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$506 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). The overall SDG&E PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.

(G) As of December 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$59,236,360 which includes balancing account interest and reflects approximately \$56.1 million of amortization revenues to-date. The overall SoCalGas SEEBAA balance has decreased from the November to December 2017 report due to amortization in excess of monthly expenses.

(H) 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 SEEBAA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(I) As of December 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$4,060,583 which includes balancing account interest and approximately \$4.0 million of amortization revenues to-date. The overall SDG&E SEEBAA balance has decreased from the November to December 2017 report due to amortization in excess of monthly expenses.

(J) As of December 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$169,066,455 which includes balancing account interest and reflects approximately \$22.8 million of amortization revenues to-date.

(K) As of December 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$42,121,626 which includes balancing account interest and approximately \$3.3 million of amortization revenues to-date.

(L) As of December 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$7,389,945 which includes balancing account interest.

(M) The difference of approximately \$127 K from November to December 2017 project-to-date costs is due to exclusion of Phase 2 project costs from 2016 Reasonableness Review filed project costs.

Project Footnotes:

(1) Stage Categories: - These categories represent seven stages of a pipeline 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-

(2) 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."

(3) 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."

(4) 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".

(5) 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.

(6) 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

(7) Project 44-1008 has been renamed to project "44-1008 Section 2B".

(8) 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.

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

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

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

(12) Construction start dates and lifecycle stages for Phase 1B projects are as of March 2016 and are subject to change.

(13) Project 41-30 is in the process of being descope.

(14) The mileage in column "PSEP miles as filed" was executed as part of multiple projects.

(15) Project "2000 E" was renamed as "2000-C, D & E". Forecast Application projects "2000-C" and "2000-D" are part of project "2000-C, D & E". Project 2000-C, D & E also covers other Phase 2A scope outside of the Forecast Application.

(16) Several steps take place in stage 7 to complete closeout, these projects are pending updating information in SoCalGas GIS database.

(18) Line 44-1008 Section 2B in the process of being descope.

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix A - SDG&E Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in December 2017	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
2016 Reasonableness Review Filing - A16-09-005							
49-14	14	2.45	Closed	1959	Sep-14	-	4,048
49-22	16	4.04	Closed	1951	Apr-14	-	4,057
49-32 (REPL) ⁽¹¹⁾	5	0.06	Closed	1950	Jun-14	13	4,190
Future Filings							
49-11	7	6.30	Closed	1969	Jun-15	7	5,144
49-13	18	3.46	7-Close-out	1959	Jul-15	(245)	20,708
49-15 ⁽⁵⁾	15	6.60		1950			
49-15 (REPL) ⁽¹¹⁾			6-Start Up/Turnover		Nov-15	1,139	31,207
49-15 Transmission			6-Start Up/Turnover		Nov-15	9	6,234
49-16 ⁽⁵⁾	6	9.590		1955			
49-16 Pipeline			5-Construction		Mar-15	3,170	24,829
49-16 4th & Palm			4-Detailed Design		Jan-18	55	1,594
49-16 Gate Station			4-Detailed Design		Apr-18	55	1,198
49-17	2	5.812		1948			
49-17 East			6-Start Up/Turnover		Jun-15	1,157	59,055
49-17 West			6-Start Up/Turnover		Oct-14	(1,020)	27,232
49-25	4	2.278	7-Close-out	1960	Aug-14	0	21,244
49-26	10	2.615	5-Construction	1958	Oct-14	64	31,279
49-28	1	4.89	5-Construction	1932	Sep-14	(1,402)	38,459
49-32-L	N/A	0.115	5-Construction	1965	Aug-16	10	5,108
Line 1600 South	N/A	N/A	N/A	N/A	N/A	-	444
PSRP Line 1600/3602 ⁽¹⁷⁾	N/A	47.00	4-Detailed Design		TBD	586	23,475
Valves						261	10,586
Methane Detectors						-	104
Communications *						1	7
Construction *						-	0
Engineering *						(48)	(38)
Training *						-	0
Gas Control *						-	-
Environmental *						-	30
Supply Management *						-	1,089
General Administration * *						(73)	1,033
Program Management Office *						-	0
Total SDG&E PSEP Pipeline and Valve Projects ⁽¹⁾						3,740	322,315

*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. In addition, adjustment will be made due to changes in project plans, scope, and schedule from the original projection of O&M and Capital project spend.

Overall Financial Notes:

- (A) Costs reflect actuals for the month of December and project-to-date costs from May 2012 to December 2017.
- (B) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (C) Costs are in nominal direct dollars.
- (D) Costs recovery will include indirects and applicable loaders.
- (E) As of December 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$11,571,335 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 \$35.0 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.
- (F) As of December 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$506 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). The overall SDG&E PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.
- (G) As of December 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$59,236,360 which includes balancing account interest and reflects approximately \$56.1 million of amortization revenues to-date. The overall SoCalGas SEEBAA balance has decreased from the November to December 2017 report due to amortization in excess of monthly expenses.
- (H) 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 SEEBAA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- (I) As of December 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$4,060,583 which includes balancing account interest and approximately \$4.0 million of amortization revenues to-date. The overall SDG&E SEEBAA balance has decreased from the November to December 2017 report due to amortization in excess of monthly expenses.
- (J) As of December 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$169,066,455 which includes balancing account interest and reflects approximately \$22.8 million of amortization revenues to-date.
- (K) As of December 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$42,121,626 which includes balancing account interest and approximately \$3.3 million of amortization revenues to-date.
- (L) As of December 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$7,389,945 which includes balancing account interest.

Project Footnotes:

- (1) Stage Categories: - These categories represent seven stages of a pipeline 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-
- (5) 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.
- (11) Project name has been changed to include "(REPL)" at the end of the project name.
- (14) The mileage in column "PSEP miles as filed" was executed as part of multiple projects.
- (17) 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.

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Line 36-8-01	-	-
Line 36-8-01-C	-	-
Line 36-8-06	-	-
Line 36-9-06	-	-
Line 36-9-06-A	-	-
36-9-09 North Section 2A ⁽¹⁾	-	-
Line 37-04	-	-
Line 37-18 J	-	-
Line 38-508	-	-
Line 38-516	-	-
Line 38-523	-	55
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-1168P1	(8)	-
Line 41-117	-	-
Line 41-181	-	28
Line 41-19	-	-
Line 41-25	-	1
Line 41-201	(3)	-
Line 41-207BR1	-	-
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	-	-
Line 1024	-	-
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	-	-
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	-	-
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	-
Line 35-20	-	-
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	-	-
Line 36-1006	-	-
Line 36-6588	-	-
Line 36-7-04	-	-
Line 36-9-21BR1	-	-

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
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-F	-	(1)
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	-	-
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 SoCalGas PSEP Pipeline Projects - Remediated or Removed	(11)	354

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects -SDG&E	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Line 49-18	-	-
Line 49-19	-	-
Line 49-27	-	-
Line 49-32 (Test)	-	-
Total SDG&E PSEP Pipeline Projects - Remediated or Removed	-	-

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	December-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in December-17	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
2016 Reasonableness Review Filing - A.16-09-005					
235-335 Palmdale	6	Closed	Jun-14	-	6,771
Arrow & Haven	1	Closed	May-14	-	965
Bain Street Station	2	Closed	Dec-13	-	883
Brea Station-1013	1	Closed	Oct-14	-	240
Chino Station	5	Closed	Dec-13	-	997
Haskell Station	2	Closed	Jan-14	-	698
Moreno Large	1	Closed	Jan-14	-	505
Moreno Small	2	Closed	Jan-14	-	710
Pixley Station	3	Closed	Nov-14	-	1,339
Prado Station	5	Closed	Jan-14	-	1,207
Puente Station	2	Closed	Jan-14	-	16
Santa Fe Springs	3	Closed	Mar-14	-	723
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	-	5,051
Victoria Station	4	Closed	Dec-14	-	1,533
Whitewater Station	3	Closed	Mar-14	-	702
Future Filings					
L1018-P1B ⁽¹²⁾⁽¹⁹⁾	1	Stage 7 Close-out / Reconciliation	Oct-16	3	556
V-L1018-P1B-Alipaz	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	12	188
V-L1018-P1B-Avery	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	14	151
V-L1018-P1B-Burt Bdl	2	Stage 5-6 Construction / Turnover	Jul-17	11	1,841
V-L1018-P1B-Camino Capistrano	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	2	90
V-L1018-P1B-El Toro	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	10	261
V-L1018-P1B-Harvard	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	15	294
2001W Seg 10-11-P1B ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Jan-17	45	1,287
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	22	3,825
404-406 Valley	8	Stage 5-6 Construction / Turnover	Sep-15	391	8,275
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	23	3,215
Alhambra Station	3	Stage 7 Close-out / Reconciliation	Apr-15	-	3,130
Aviation	7	Stage 5-6 Construction / Turnover	May-16	(797)	13,109
V-Aviation-P1B-190th & Green ⁽¹³⁾	3	N/A	Sep-18	6	58
Banning 2001 ⁽¹⁹⁾	3	Stage 5-6 Construction / Turnover	Apr-16	60	3,366
V-Banning-2001-P1B-MLV16A	1	Stage 5-6 Construction / Turnover	Oct-17		
V-Banning-2001-P1B-MLV14A	1	Stage 5-6 Construction / Turnover	May-17		
V-Banning-2001-P1B-MLV17A	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18		
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	0	2,128
Banning Airport	2	Stage 7 Close-out / Reconciliation	Apr-15	(304)	1,650
El Segundo ⁽¹⁹⁾	2	Stage 7 Close-out / Reconciliation	Apr-15	133	7,704
V-El Segundo-P1B-Scattergood	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18		
Fontana Bundle - L4002	1	Stage 7 Close-out / Reconciliation	Jul-15	132	2,401
Fontana MLVs 4000-4002	2	Stage 5-6 Construction / Turnover	Oct-16	(120)	1,416
V-Fontana MLVs 4000-4002-P1B-Benson & Chino ⁽²²⁾	1	Stage 5-6 Construction / Turnover	Sep-17	1,112	1,965
Haynes Station	3	Stage 5-6 Construction / Turnover	Nov-16	12	1,367
Honor Ranch - L225 ⁽¹⁷⁾⁽¹⁹⁾	4	Stage 7 Close-out / Reconciliation	May-16	(84)	3,533
V-L225 Honor Ranch-P1B-Castaic ⁽¹⁹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	0	163
Indio ⁽¹⁹⁾					
Indio 2014	4	Closed	May-15	-	2,281
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	3	6,405
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	8	6,595
L 1020	1	Closed	Mar-15	2	1,396
L2000 Beaumont Riverside ⁽¹⁴⁾					
L 2000 Beaumont 2015 ⁽¹⁷⁾	3	Stage 5-6 Construction / Turnover	Aug-15	56	5,122
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	(151)	3,910
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	4	3,428
L225 Bundle-P1B ⁽¹²⁾⁽¹⁹⁾	3	Stage 5-6 Construction / Turnover	Aug-16	170	1,994
V-L225-P1B-Beartrap	1	Stage 5-6 Construction / Turnover	May-17		
V-L225-P1B-Quail Canal	1	Stage 5-6 Construction / Turnover	Jun-17		
235-335 East	2	Stage 5-6 Construction / Turnover	Oct-16	36	3,846
L4000 MP 45.36 ⁽⁹⁾	1	Stage 7 Close-out / Reconciliation	Sep-16	(142)	1,141
L4000 MP 53.00 ⁽⁸⁾	3	Stage 7 Close-out / Reconciliation	May-15	-	1,183
L4000 MP 80.08 MLV	3	Stage 7 Close-out / Reconciliation	May-15	-	1,136
L6916-P1B ⁽¹²⁾	3	Stage 5-6 Construction / Turnover	Nov-16	14	2,617
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	14	8,122
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	6	9,253
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	30	13,469
Orange	3	Closed	Apr-15	-	4,714
Questar Taps	6	Stage 7 Close-out / Reconciliation	Sep-15	-	1,598
Rainbow Bundle ⁽¹⁴⁾					
Rainbow	10	Stage 5-6 Construction / Turnover	May-16	41	4,408
Rainbow 2017	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	17	619
V-Rainbow CV-P1B	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	25	121
V-Rainbow-P1B-MLV5 ⁽¹³⁾	0	N/A	Oct-18	2	2
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	1	2,109
Santa Barbara - 1005 ⁽¹⁰⁾	1	Closed	Mar-15	-	416

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	December-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in December-17	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Future Filings					
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 7 Close-out / Reconciliation	Sep-16	(41)	874
407 Sullivan Canyon-P1B ⁽⁷⁾⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	5	869
Blythe ⁽¹³⁾					
Blythe (Cactus City)-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-21	(1)	847
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	4	371
V-Blythe-P1B-Chuckawalla ⁽¹³⁾	N/A	N/A	Jul-19	-	0
V-Blythe-P1B-Desert Center Station ⁽¹³⁾	N/A	N/A	Jul-19	-	-
V-Blythe-P1B-Ford Dry Lake ⁽¹³⁾	N/A	N/A	Aug-19	0	0
V-Blythe-P1B-Hayfield Station ⁽¹³⁾	N/A	N/A	Aug-19	-	-
V-Blythe-P1B-Shavers Summit ⁽¹³⁾	N/A	N/A	Aug-19	-	-
Palowalla-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	15	2,051
Indio 2016-P1B ⁽¹²⁾	8	Stage 5-6 Construction / Turnover	Aug-17	391	2,756
235-198.20 ⁽⁶⁾	N/A	N/A	N/A	4	5
L1004 MP 15.27 Carpinteria-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	3	110
L4000 MP 69.00 MLV-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	27	745
L4002 MP 67.00 MLV ⁽⁶⁾	N/A	N/A	N/A	(8)	372
Quigley Station ⁽⁶⁾	N/A	N/A	N/A	-	29
Los Alamitos ⁽⁶⁾	N/A	N/A	N/A	-	0
SL45-120 Section 2-P1B ⁽⁶⁾⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	3	350
V-L1017-P1B ⁽¹²⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	20	710
L2000 Beaumont 2016 ⁽¹⁷⁾	4	Stage 5-6 Construction / Turnover	Jun-17	-	-
Valve - L7000 Bundle-P1B	2	Stage 5-6 Construction / Turnover	Sep-16	30	1,445
V-L7000-P1B-Melcher & Elmo	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	14	342
V-L7000-P1B-Beech & HWY 46	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	67	324
V-L7000-P1B-Rd 68 & Ave 232	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	1	317
V-L7000-P1B-Rd 96 & Ave 198	1	Stage 5-6 Construction / Turnover	Oct-17	555	1,452
V-L7000-P1B-Visalia Stn	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	2	29
Taft-P1B ⁽¹²⁾⁽¹⁷⁾				3	195
V-Taft-P1B-Buttonwillow	1	Stage 5-6 Construction / Turnover	Apr-17	393	1,486
V-Taft-P1B-7th Standard	1	Stage 5-6 Construction / Turnover	Sep-17	(318)	539
V-Taft-P1B-Hageman & Runfro	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	24	389
V-Taft-P1B-Sycamore	1	Stage 5-6 Construction / Turnover	Aug-17	41	1,015
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	-	12
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	-	90
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	25	676
Adelanto-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾				-	0
V-Adelanto-P1B-MLV4	1	Stage 5-6 Construction / Turnover	Dec-17	25	126
V-Adelanto-P1B-Stoddard Wells	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	3	53
V-Adelanto-P1B-MLV17	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	5	50
Apple Valley-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	40	476
V-Apple Valley-P1B-MLV13	1	Stage 5-6 Construction / Turnover	Nov-17	41	47
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	2	42
Blythe COMMs-P1B ⁽¹²⁾⁽⁶⁾	N/A	N/A	N/A	-	10
Del Amo Station-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	29	124
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	5	306
Haskell Station FM-P1B ⁽¹²⁾⁽¹³⁾	1	N/A	Mar-20	-	8
L2002-P1B ⁽¹²⁾⁽⁶⁾	N/A	N/A	N/A	-	5
L4000 Victorville-P1B ⁽¹²⁾⁽¹⁹⁾				-	123
V-L4000-P1B-Cajon Junction	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	24	49
V-L4000-P1B-Camp Rock Rd	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-18	3	52
V-L4000-P1B-Desert View Rd	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	11	53
V-L4000-P1B-Devore Stn	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	6	34
V-L4000-P1B-Powerline Rd	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	3	46
V-29 Palms-P1B-Indian Canyon ⁽¹⁹⁾⁽²⁴⁾	1	Stage 5-6 Construction / Turnover	Oct-17	262	917
V-29 Palms-P1B-Mohawk Trail ⁽¹⁹⁾⁽²⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	62	242
V-29 Palms-P1B-Sunburst St ⁽¹⁹⁾⁽²⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	13	238
V-29 Palms-P1B-Utah Trail ⁽¹⁹⁾⁽²⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	64	270
Needles COMMs-P1B ⁽¹²⁾⁽⁶⁾	N/A	N/A	N/A	-	20
Pico-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	1	169
Wilmington-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾				-	1
V-Wilmington-P1B Lecouer Ave & F St	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	0	126
V-Wilmington-P1B Eubank Stn	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	11	164
L4002 MP 72.70-P1B ⁽¹²⁾⁽¹³⁾⁽⁶⁾	N/A	N/A	N/A	-	0
Brea Hacienda Bundle-P1B ⁽¹²⁾⁽¹⁹⁾				-	167
V-Brea-P1B-Atwood Stn	3	Stage 5-6 Construction / Turnover	Jul-17	8	746
V-Brea-P1B-Azusa Ave	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	12	63
V-Brea-P1B-Beach	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	22	100
V-Brea-P1B-Brea Canyon	2	Stage 5-6 Construction / Turnover	Oct-17	199	877
V-Brea-P1B-Carbone Canyon	0	Stage 5-6 Construction / Turnover	Sep-17	7	253
V-Brea-P1B-Lincoln	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	13	72
V-Brea-P1B-Placentia	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	26	59
L4002 MP 86.44-FM-P1B ⁽¹²⁾⁽¹³⁾⁽⁶⁾	0	N/A	N/A	-	2
Yorba Station-P1B ⁽¹²⁾⁽¹³⁾	1	N/A	Jan-22	0	11
Lampson Check Valves-P1B ⁽¹³⁾⁽⁶⁾	N/A	N/A	N/A	-	1
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	17	26
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	20	48
Glendale Bundle-P1B ⁽¹³⁾⁽¹⁹⁾				(0)	127
V-Glendale-P1B-Adams	3	Stage 1 Project Initiation	Feb-19	5	53

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	December-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in December-17	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
Future Filings					
V-Glendale-P1B-Monterey	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	11	57
V-Glendale-P1B-Glenoaks	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	15	65
V-Glendale-P1B-Avenue 59	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	6	95
Western/Del Rey Bundle-P1B ⁽¹³⁾				-	2
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost ⁽¹³⁾	2	Stage 5-6 Construction / Turnover	Nov-17	79	149
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	11	33
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-19	16	61
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	8	13
Victorville COMMS-P1B ⁽¹²⁾⁽¹⁹⁾				-	129
V-Victorville COMMS-P1B-MLV11 ⁽¹⁹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	12	135
V-Victorville COMMS-P1B-MLV12 ⁽¹⁹⁾	1	Stage 5-6 Construction / Turnover	Nov-17	246	364
Ventura Station Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁶⁾	6	N/A	Jun-20	-	4
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Feb-19	3	10
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	(1)	36
404-406 Ventura 2016 Bundle	2	Stage 5-6 Construction / Turnover	Oct-16	24	793
V-404-406 Vent. 2016 P1B Somis Yard	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	27	312
SB County Bundle-P1B ⁽¹⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	33	301
V-SB County-P1B-Lions	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	19	392
V-SB County-P1B-Park Ln	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	20	401
Spence Station-P1B ⁽¹²⁾⁽¹⁷⁾	3	Stage 5-6 Construction / Turnover	Dec-17	28	333
Carpinteria Bundle-P1B ⁽¹²⁾⁽¹⁶⁾⁽¹⁹⁾					
V-Carpinteria-P1B-Conoco	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	7	83
V-Carpinteria-P1B-Oxy-Rincon	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	29	86
Santa Barbara Bundle-P1B ⁽¹²⁾⁽¹⁹⁾					
V-Santa Barbara-P1B-Cabrillo Bl ⁽²⁰⁾⁽²⁶⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	3	33
V-Santa Barbara-P1B-Grove Ln	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	19	58
Goleta Bundle-P1B ⁽¹³⁾⁽¹⁹⁾					
V-Goleta-P1B-Santa Rosa Rd Buellton	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-19	15	82
V-Goleta-P1B-Farren Rd	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	10	72
V-Goleta-P1B-Gaviota St Park	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	16	108
V-Goleta-P1B-POPCO	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	10	66
V-Goleta-P1B-More Ranch Rd	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	9	127
L115 Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾⁽¹⁹⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	17	95
V-L115-P1B-Pierce	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	15	140
V-L115-P1B-Randall	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	22	101
V-L115-P1B-Walnut	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-22	13	115
Burbank Bundle-P1B ⁽¹²⁾⁽¹³⁾					
V-Burbank-P1B-Riverside & Agnes	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	1	37
V-Burbank-P1B-Valleyheart & Noble	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	3	28
V-Burbank-P1B-Verdugo & Reese	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	16	60
V-SFV Bundle Valencia ⁽¹³⁾				0	119
V-SFV-P1B-Valencia	1	N/A	Oct-20	-	-
V-SFV Valencia-P1B-Balboa and Westbury	2	N/A	Oct-19	1	1
V-SFV Valencia-P1B-San Fernando Mission	1	N/A	Jul-19	33	35
V-SFV Valencia-P1B-Weldon Canyon	2	N/A	Sep-21	0	1
V-SFV Valencia-P1B-Wilbur	1	N/A	Oct-20	0	1
V-SFV Valencia-P1B-Woodley and Rinaldi	1	N/A	Oct-20	0	1
V-SFV Bundle Olympic ⁽¹³⁾	9	N/A	Jan-20	12	20
V-L765-P1B-Abbot & Atlantic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-19	6	10
V-L765-P1B-Cypress & Arroyo Seco	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	9	11
V-L765-P1B-Fairmont & Faircourt	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-20	(2)	0
V-L765-P1B-Farragut & Anaheim	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	5	10
V-L765-P1B-Linsley & Atlantic	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-19	6	10
V-L765-P1B-Mission & Workman	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	0	2
V-L37-18F ⁽⁹⁾	N/A	N/A	N/A	(9)	-
V-L235-P1B-Black Canyon ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	0	0
V-L235-P1B-Bristol Mtn ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	0	0
V-L235-P1B-Crucero Rd ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	-	-
V-L235-P1B-Ferrier ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	1	1
V-L235-P1B-Hwy 247 ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	0	0
V-L235-P1B-Kelso Dunes ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	0	0
V-L235-P1B-Mtn Springs ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	1	2
V-L235-P1B-Oro Mtn ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	0	0
V-L235-P1B-Pisgah Rd ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	-	-
V-L235-P1B-Sacramento Mtn ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	1	2
V-L235-P1B-Stoddard Wells Rd ⁽¹³⁾	1	Stage 1 Project Initiation	Jul-19	0	0
V-L3000-P1B-Bagdad ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	5	9
V-L3000-P1B-Black Ridge ⁽¹³⁾	0	Stage 1 Project Initiation	Aug-19	5	9
V-L3000-P1B-Eagle Peak ⁽¹³⁾	0	Stage 1 Project Initiation	Sep-19	7	12
V-L3000-P1B-Kelbaker ⁽¹³⁾	0	Stage 1 Project Initiation	Aug-19	4	9
V-L3000-P1B-Marble Mtn ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	4	8
V-L3000-P1B-Mercury Mtn ⁽¹³⁾	0	Stage 1 Project Initiation	Sep-19	5	9
V-L3000-P1B-Piute ⁽¹³⁾	0	Stage 1 Project Initiation	Jul-19	5	9
V-L3000-P1B-Route 66 ⁽¹³⁾	0	Stage 1 Project Initiation	Aug-19	6	10
V-SL32-Z1-P1B ⁽¹³⁾	3	N/A	Mar-21	2	11
V-SL33-120-P1B ⁽¹³⁾	1	N/A	May-20	0	18
Total SoCalGas Valves				3,906	200,256

Appendix B - SDG&E Active Valve Projects List

Future Filings

Valve Projects	December-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for December 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in December-17	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
1600 Bundle	0	Stage 7 Close-out / Reconciliation	Dec-14	2	271
3010 Bundle	0	Stage 7 Close-out / Reconciliation	Dec-14	1	203
3600 Bundle	12	Stage 7 Close-out / Reconciliation	Mar-15	8	4,041
49-28	1	Stage 5-6 Construction / Turnover	Oct-16	142	1,037
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	24	1,860
3100 and 2010 FM ⁽¹⁸⁾	2	Stage 5-6 Construction / Turnover	Oct-16	0	222
49-11 & 49-27	1	Stage 5-6 Construction / Turnover	Sep-16	(116)	1,524
49-16 RCV ⁽¹⁵⁾	5	Stage 5-6 Construction / Turnover	Aug-17	62	1,052
49-18 MVH	1	Stage 5-6 Construction / Turnover	Oct-17	115	341
1601 Ultrason	N/A	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	9	21
49-23	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	13	15
Total SDG&E Valves				261	10,586

Overall Footnotes:

- (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 Project 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) Projects have been moved to Phase 1B and have been renamed to include "P1B".
- (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 "Willow Station" has been renamed to "Sepulveda Station" bundle.
- (16) Valve bundle "Carpenteria Bundle-P1B" has been renamed to "Carpinteria Bundle-P1B" bundle. Valve bundle "Ventura Bundle-P1B" has been renamed "Ventura Station Bundle-P1B".
- (17) The number of valves has changed due to a change in project requirements.
- (18) Valve Project 3011 and 2010 name has been corrected to "3100 and 2010 FM".
- (19) This valve 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.
- (20) "Valve Santa Barbara Bundle-P1B" has been renamed to "Valve - Santa Barbara Bundle".
- (21) Several steps take place in stage:7 to complete closeout, these projects are pending updating information in SoCalGas GIS database.

SoCalGas and SDGE PSEP Project Status Report to the Commission for December 2017

Appendix C - Records Review and Interim Safety Measure Costs

SoCalGas	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
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

SDG&E	December 2017 Actuals (in \$1,000)	Project-to-Date as of December 2017 (in \$1,000)
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 Footnotes:

(A) Costs reflect actuals for the month of December and project-to-date costs from May 2012 to December 2017.

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

(C) Costs are in nominal direct dollars.

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

(E) As of December 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$11,571,335 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 \$35.0 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.

(F) As of December 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRSMMA) reflects a balance of \$506 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). The overall SDG&E PSRMA balance has decreased from the November to December 2017 report because amortization exceeds interest for the current month.