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October 53, 2017

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-Ugr vgo dgt 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 September 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 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 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 September 2017.

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 3 pipeline projects
 - 2000-D (Whitewater, Banning, Beaumont, Cabazon, Moreno Valley)
 - 33-120 Section 1 (Los Angeles)
 - 38-512 Section 3 (Lemoore)
2. 11 pipeline projects are in Construction (Stage 5)
3. 12 pipeline projects are in Start Up/Turnover (Stage 6)
4. 38 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 3 valve projects
 - V-Fontana MLVs 4000-4002-P1B-Benson & Chino (Chino)
 - V-Taft-P1B-7th Standard (Bakersfield)
 - V-Brea-P1B-Carbon Canyon (Chino Hills)
2. 40 valve projects are in construction/turnover (Stages 5-6)
3. 14 valve projects are in Close-Out (Stage 7)

III. Costs

Actual costs tracked in SoCalGas and SDG&E's respective 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 August to September 2017 report because amortization exceeds interest for the current month.
- Appendix A, SoCalGas Active Pipeline Projects Table, Footnote G:
The overall SoCalGas SEEBA balance has decreased from the August to September 2017 report due to amortization in excess of monthly expenses.
- Appendix A, SDG&E Active Pipeline Projects Table, Footnote I:
The overall SDG&E SEEBA balance has decreased from the August to September 2017 report due to amortization in excess of monthly expenses.
- Appendix A, SoCalGas Projects Remediated or Removed Table, Footnote 1:
36-9-09 North Section 2A has been descoped. This project is removed from SoCalGas Active projects table and added to the SoCalGas Projects Remediated and Removed table
- Appendix B, SoCalGas Active Valve Projects Table, Footnote 22:
Valve project names updated.

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

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September 2017	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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	-	1,044
36-9-09 North Section 2B			Closed		Jun-14	(544)	2,416
36-9-09 North Section 6A			Closed		Mar-15	-	2,697
38-539	124	12.08	Closed	1964	Oct-14	37	15,528
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	-	1,921
2017 Forecast Application - A.17-03-021							
127-P1B-01 ⁽¹²⁾	N/A	0.003	2-Selection	1944	Apr-18	-	238
36-1001-P1B-01 ⁽¹²⁾	N/A	0.125	3-Project Definition	1925	Mar-18	(1)	141
45-1001-P1B-01 ⁽¹²⁾	N/A	1.454	3-Project Definition	1925	Oct-18	(2)	456
36-1002-P1B-01 ⁽¹²⁾	N/A	16.683	3-Project Definition	1928	Jun-18	(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	May-18	-	50
PSEP-SL36-37-P1B-11	N/A	7.635	N/A	N/A	N/A	(22)	1,720
PSEP-SL36-37-P1B-12	N/A	30.916	N/A	N/A	N/A	(2)	1,205
38-514-P1B-01 ⁽¹²⁾	N/A	1.387	3-Project Definition	1945	Mar-18	(0)	440
38-556	N/A	5.571	3-Project Definition	N/A	N/A	0	767
38-960-P1B-01 ⁽¹²⁾	N/A	6.112	3-Project Definition	1928	May-18	0	1,574
43-121-P1B-01 ⁽¹²⁾	N/A	0.258	3-Project Definition	1930	Oct-18	(23)	498
7043-P1B-01 ⁽¹²⁾	N/A	0.001	1-Project Initiation	1930	Mar-18	1	124
2000-C, D & E ⁽¹⁵⁾	N/A	45.938	2-Selection	N/A	N/A	3	2,169
Future Filings							
225	N/A	N/A	4-Detailed Design	1959	Mar-19	(1)	1,374
1004	13	19.70	7-Close-out	1944	May-15	2	13,026
1004-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1945	Jul-18	4	581
103-P1B-01 ⁽¹²⁾	N/A	N/A	2-Selection	1941	Jan-18	1	52
128-P1B-01			2-Selection		Mar-18	2	40
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		-	298
2000-0.18-XO2	16	0.01		1961		-	-
2000 ⁽³⁾	1	117.6 ⁽³⁾		1947			
2000-Bridge			3-Project Definition		Jul-18	0	602
2000-West Santa Fe Springs Sta.			6-Start Up/Turnover		Oct-16	55	7,990
2001 West ⁽³⁾	3	64.10		1950			
2001 West-B Section 17,18,19			Closed		Aug-15	1	4,728
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽⁵⁾							
2000-C			6-Start Up/Turnover		Jan-17	860	13,216
2001 West - C			4-Detailed Design		Apr-19	33	1,700
2000-D ⁽⁴⁾			5-Construction		Sep-17	405	2,265
2001 West - D			3-Project Definition		Apr-19	(13)	1,389
2001 West - E	N/A	N/A	2-Selection	N/A	N/A	3	2,062
2003 ⁽⁵⁾	6	26.50		1949			
2003 Section 2			Closed		Jul-15	-	2,604
235W-P2-01	N/A	N/A	N/A	N/A	N/A	1	108
30-18 ⁽⁵⁾	47	2.58		1943			
30-18 Section 1			7-Close-out		Jul-14	3	592
30-18 Section 2			4-Detailed Design		Jan-18	(3)	23,957
30-18 Section 3			7-Close-out		Oct-16	5	1,506
31-09 ⁽¹²⁾	52	12.81	Closed	1958	Jul-15	-	75

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September 2017	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 2017 (in \$1,000)
Future Filings							
32-21 ⁽⁵⁾	26	10.23		1948			
32-21 Section 1			7-Close-out		May-15	26	9,438
32-21 Section 2			7-Close-out		Jun-16	9	4,850
32-21 Section 3			7-Close-out		Sep-16	15	3,555
33-120 ⁽⁵⁾	24	1.25		1940			
33-120 Section 1			5-Construction		Sep-17	404	3,416
33-120 Section 3			6-Start Up/Turnover		Jun-17	1,026	6,770
33-121 (REPL) ⁽¹¹⁾	59	0.16	4-Detailed Design	1955	Feb-18	31	1,776
36-1002	96	0.21	7-Close-out	1928	May-15	-	1,846
36-1032 Section 4	N/A	N/A	6-Start Up/Turnover	1963	Jul-17	1,309	4,952
36-1032-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1928	May-18	(4)	292
PSEP-SL36-1032-P1B-11	N/A	N/A	N/A	N/A	N/A	(2)	507
PSEP-SL36-1032-P1B-12	N/A	N/A	N/A	N/A	N/A	(15)	573
PSEP-SL36-1032-P1B-13	N/A	N/A	N/A	N/A	N/A	(15)	621
PSEP-SL36-1032-P1B-14	N/A	N/A	N/A	N/A	N/A	(2)	563
36-9-09 North ⁽⁵⁾	29	16.02		1932			
36-9-09 North Section 1			7-Close-out		May-15	175	44,667
36-9-09 North Section 3			7-Close-out		Dec-14	5	24,866
36-9-09 North Section 4 ⁽⁵⁾						1	3,032
36-9-09 North Section 4A			6-Start Up/Turnover		May-17	129	4,211
36-9-09 North Section 4B			Closed		Sep-14	1	5,644
36-9-09 North Section 5 ⁽⁵⁾						(4)	1,558
36-9-09 North Section 5A			7-Close-out		Feb-16	420	11,340
36-9-09 North Section 5C			7-Close-out		Dec-16	7	6,516
36-9-09 North Section 6B			4-Detailed Design		Oct-17	199	2,746
36-9-09 North Section 7A			7-Close-out		Sep-16	239	10,419
36-9-09 North Section 7B			7-Close-out		May-15	2	24,246
36-9-09 South	N/A	N/A	Closed	1951	Apr-16	(8)	2,137
36-9-09-JJ	N/A	N/A	Closed	1920	Jun-16	(27)	1,693
36-9-09N-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1920	Mar-18	(6)	43
PSEP-SL36-9-09N-P1B-12	N/A	N/A				(4)	801
PSEP-SL36-9-09N-P1B-14	N/A	N/A				1	805
PSEP-SL36-9-09N-P1B-15	N/A	N/A				(0)	748
PSEP-SL36-9-09N-P1B-16	N/A	N/A				549	1,585
36-9-21	126	5.06	5-Construction	1950	Aug-17	1,352	3,247
37-07	53	2.68	7-Close-out	1945	Sep-14	(4)	27,417
37-18			7-Close-out		Oct-14	2,934	46,924
37-18 ⁽⁵⁾	45	4.16		1945			
37-18 Section 5			6-Start Up/Turnover		Apr-17	-	-
37-18-F	46	2.06	7-Close-out	1946	Aug-16	14	6,983
37-18-K	12	2.85	3-Project Definition	1949	May-18	131	1,004
38-101-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1921	Apr-18	(1)	1,017
38-1102-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1938	May-18	-	482
38-143-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1939	Nov-18	(1)	603
38-200	86	0.23	7-Close-out	1948	Apr-16	(2)	7,475
38-501 ⁽⁵⁾	89	1.98		1952			
38-501 Section 1			Closed		Jun-15	-	5,419
38-501 Section 2			7-Close-out		Aug-16	4	15,035
38-504	N/A	N/A	7-Close-out	1952	Sep-16	(74)	5,119
38-512 ⁽⁵⁾	106	4.78		1939			
38-512			7-Close-out		Mar-15	(4)	27,792
38-512 Section 3			5-Construction		Sep-17	78	456
38-514 ⁽⁵⁾	N/A	N/A		1945			
38-514 Section 1			7-Close-out		May-16	12	1,873
38-514 Section 2			7-Close-out		Feb-16	(2)	11,624
38-931	N/A	N/A	7-Close-out	1942	Jan-17	32	6,406
38-931-P1B-01 ⁽¹²⁾	N/A	N/A	3-Project Definition	1942	Nov-18	(0)	91
38-KWB-P1B-01	N/A	N/A	Closed	Various	Oct-15	-	1,745
404 ⁽⁵⁾	14	37.80		1949			
404 Section 1			Closed		Sep-15	64	2,563
404 Section 2			Closed		Sep-15	52	3,769
404 Section 2A			7-Close-out		Mar-17	17	2,195
404 Section 3,7&8,8A			7-Close-out		Feb-14	-	2,341
404 Section 3A			7-Close-out		Aug-16	3	5,259
404 Section 4&5			Closed		Sep-15	3	6,126
404 Section 4A			4-Detailed Design		Jan-18	25	717
404 Section 9			Closed		Jun-16	6	1,944
404-406 Somis Station ⁽¹⁰⁾	N/A	N/A	4-Detailed Design	1951	Aug-18	19	1,200
406 ⁽⁵⁾	9	20.70		1951			
406 Section 3			Closed		Jun-16	7	2,430
41-116	142	0.006	7-Close-out	1957	Oct-16	-	18
41-17	57	3.580	6-Start Up/Turnover	1955	Sep-16	1	2,545
41-30 ⁽¹³⁾	82	3.95	N/A	1953	N/A	-	33
41-6000-2 ⁽⁸⁾	27	39.95	7-Close-out	1948	Various	369	80,974
41-6000-2 Tie Over			4-Detailed Design		Oct-17	-	-
41-6001-2	63	0.005	4-Detailed Design	1967	Oct-17	13	100
43-121 ⁽⁵⁾	22	4.41		1930			
43-121 North ⁽⁵⁾			7-Close-out		Aug-16	1,788	14,845
L43-121N-P1A-02 ⁽⁵⁾			6-Start Up/Turnover		Apr-17	(1,805)	4,760
L43-121N-P1A-03 ⁽⁵⁾			6-Start Up/Turnover		Apr-17	94	4,713
L43-121N-P1A-04 ⁽⁵⁾			5-Construction		Aug-17	1,523	4,373
43-121 South			7-Close-out		Aug-14	45	30,115
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	216
44-137	15	1.00	7-Close-out	1950	Nov-14	-	24,563
44-687	99	0.23	7-Close-out	1946	Sep-14	(2)	5,155

Appendix A - SoCalGas Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September 2017	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 2017 (in \$1,000)
Future Filings							
44-720	132	1.17	7-Close-out	1947	Jun-15	1	9,934
45-120 ⁽⁵⁾	25	4.30		1930			
45-120 Section 2			5-Construction		Sep-14	986	61,872
6921 Dowden & Kershaw	N/A	N/A	N/A		N/A	-	-
85 ⁽¹²⁾	N/A	N/A	3-Project Definition		TBD	211	4,084
85 South Newhall	N/A	N/A	7-Close-out	1931	Dec-14	1	8,891
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	470
Valves- SoCalGas						5,254	187,112
Methane Detectors						5	332
Communications *						(0)	(27)
Construction *						(819)	3,431
Engineering *						(1)	663
Training *						(184)	53
Gas Control *						-	38
Environmental *						-	55
Supply Management *						-	101
General Administration *						190	13,161
Program Management Office *						12	315
Total SoCalGas PSEP Pipeline and Valve Projects						17,605	1,092,272

*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 September and project-to-date costs from May 2012 to September 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 September 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$19,644,413 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 \$26.9 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the August to September 2017 report because amortization exceeds interest for the current month.
- (F) As of September 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRRMA) reflects a balance of \$21,450 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 August to September 2017 report because amortization exceeds interest for the current month.
- (G) As of September 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$67,493,996 which includes balancing account interest and reflects approximately \$45.6 million of amortization revenues to-date. The overall SDG&E SEEBAA balance has decreased from the August to September 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 September 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$4,511,456 which includes balancing account interest and approximately \$3.2 million of amortization revenues to-date. The overall SDG&E SEEBAA balance has decreased from the August to September 2017 report due to amortization in excess of monthly expenses.
- (J) As of September 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$141,626,127 which includes balancing account interest and reflects approximately \$18.3 million of amortization revenues to-date.
- (K) As of September 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$33,260,691 which includes balancing account interest and approximately \$2.7 million of amortization revenues to-date.
- (L) As of September 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$6,452,440 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-up/Turn-over, and Stage 7 Close-out.
- (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 reported.
- (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 may be forecasted to change pending final CPUC approval.
- (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 September 2017

Appendix A - SDG&E Active Pipeline Projects Listing

Pipeline Project	PSEP Filing Priority	Total Miles as Filed ⁽¹⁴⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in September 2017	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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	(3)	4,056
49-32 (REPL) ⁽¹¹⁾	5	0.06	Closed	1950	Jun-14	12	4,147
Future Filings							
49-11	7	6.30	Closed	1969	Jun-15	(153)	5,127
49-13	18	3.46	7-Close-out	1959	Jul-15	(261)	21,103
49-15 ⁽⁵⁾	15	6.60		1950			
49-15 (REPL) ⁽¹¹⁾			5-Construction		Nov-15	809	29,070
49-15 Transmission			6-Start Up/Turnover		Nov-15	(358)	6,158
49-16 ⁽⁵⁾	6	9.590		1955			
49-16 Pipeline			5-Construction		Mar-15	2,523	20,550
49-16 4th & Palm			4-Detailed Design		Nov-17	35	985
49-16 Gate Station			4-Detailed Design		Jan-18	33	917
49-17	2	5.812		1948			
49-17 East			6-Start Up/Turnover		Jun-15	260	57,107
49-17 West			6-Start Up/Turnover		Oct-14	1,577	27,170
49-25	4	2.278	7-Close-out	1960	Aug-14	55	21,241
49-26	10	2.615	5-Construction	1958	Oct-14	52	31,270
49-28	1	4.89	5-Construction	1932	Sep-14	2,338	40,010
49-32-L	N/A	0.115	5-Construction	1965	Aug-16	150	5,095
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	504	21,476
Valves						189	9,428
Methane Detectors						-	104
Communications *						8	15
Construction *						(10)	0
Engineering *						(15)	2
Training *						-	0
Gas Control *						-	-
Environmental *						-	30
Supply Management *						79	832
General Administration * *						(46)	1,074
Program Management Office *						-	0
Total SDG&E PSEP Pipeline and Valve Projects ⁽¹⁾						7,776	311,457

*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 September and project-to-date costs from May 2012 to September 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 September 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$19,644,413 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 \$26.9 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the August to September 2017 report because amortization exceeds interest for the current month.
- (F) As of September 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$21,450 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 August to September 2017 report because amortization exceeds interest for the current month.
- (G) As of September 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$67,493,996 which includes balancing account interest and reflects approximately \$45.6 million of amortization revenues to-date. The overall SoCalGas SEEBAA balance has decreased from the August to September 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 September 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$4,511,456 which includes balancing account interest and approximately \$3.2 million of amortization revenues to-date. The overall SDG&E SEEBAA balance has decreased from the August to September 2017 report due to amortization in excess of monthly expenses.
- (J) As of September 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$141,626,127 which includes balancing account interest and reflects approximately \$18.3 million of amortization revenues to-date.
- (K) As of September 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$33,260,691 which includes balancing account interest and approximately \$2.7 million of amortization revenues to-date.
- (L) As of September 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$6,452,440 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-up/Turn-over, and Stage 7 Close-out.
- (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 September 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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⁾	-	(0)
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	-	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	-	-
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	-
Line 35-20	-	-
Line 35-20-A	(0)	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 September 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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	(0)	460

(1) 36-9-09 North Section 2A has been descope. This project is removed from Activated projects table and added to the Remediated and Removed table

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

Appendix A - Projects Remediated or Removed

Pipeline Projects -SDG&E	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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 September 2017

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	September-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in September 17	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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	2	613
V-L1018-P1B-Alipaz ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	2	167
V-L1018-P1B-Avery ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	3	118
V-L1018-P1B-Burt Bdl ⁽²²⁾	2	Stage 5-6 Construction / Turnover	Jul-17	737	1,222
V-L1018-P1B-Camino Capistrano ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	0	86
V-L1018-P1B-El Toro ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	9	231
V-L1018-P1B-Harvard ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	6	256
2001W Seg 10-11-P1B ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Jan-17	28	1,028
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	21	3,829
404-406 Valley	8	Stage 5-6 Construction / Turnover	Sep-15	67	6,538
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	18	3,218
Alhambra Station	3	Stage 7 Close-out / Reconciliation	Apr-15	-	3,130
Aviation	10	Stage 5-6 Construction / Turnover	May-16	314	13,749
Banning 2001	6	Stage 5-6 Construction / Turnover	Apr-16	19	2,940
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	12	2,099
Banning Airport	2	Stage 7 Close-out / Reconciliation	Apr-15	3	1,942
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	8	7,159
Fontana Bundle - L4002	1	Stage 7 Close-out / Reconciliation	Jul-15	24	1,081
Fontana MLVs 4000-4002	2	Stage 5-6 Construction / Turnover	Oct-16	30	2,674
V-Fontana MLVs 4000-4002-P1B-Benson & Chind ⁽²²⁾	1	Stage 5-6 Construction / Turnover	Sep-17	211	495
Haynes Station	3	Stage 5-6 Construction / Turnover	Nov-16	15	1,369
Honor Ranch - L225 ⁽¹⁷⁾⁽¹⁹⁾	4	Stage 7 Close-out / Reconciliation	May-16	293	5,643
V-L225 Honor Ranch-P1B-Castaic ⁽¹⁹⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	-	-
Indio ⁽⁴⁾	-	-	-	-	-
Indio 2014	4	Closed	May-15	-	2,281
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	2	6,315
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	(38)	6,546
L 1020	1	Closed	Mar-15	2	1,401
L2000 Beaumont Riverside ⁽¹¹⁾	-	-	-	-	-
L2000 Beaumont 2015 ⁽¹⁷⁾	3	Stage 5-6 Construction / Turnover	Aug-15	322	4,497
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	9	3,982
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	19	3,468
L225 Bundle-P1B ⁽¹²⁾	5	Stage 5-6 Construction / Turnover	Aug-16	-	-
235-335 East	2	Stage 5-6 Construction / Turnover	Oct-16	100	3,684
L4000 MP 45.36 ⁽⁹⁾	1	Stage 7 Close-out / Reconciliation	Sep-16	15	1,299
L4000 MP 53.00 ⁽⁸⁾	3	Stage 7 Close-out / Reconciliation	May-15	52	1,555
L4000 MP 80.08 MLV	3	Stage 7 Close-out / Reconciliation	May-15	-	1,331
L6916-P1B ⁽¹²⁾	3	Stage 5-6 Construction / Turnover	Nov-16	24	3,107
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	13	8,088
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	247	9,237
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	6	13,406
Orange	3	Closed	Apr-15	-	4,714
Questar Taps	6	Stage 7 Close-out / Reconciliation	Sep-15	4	1,604
Rainbow Bundle ⁽¹⁹⁾	-	-	-	-	-
Rainbow	10	Stage 5-6 Construction / Turnover	May-16	(66)	4,471
Rainbow 2017	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	127	614
V-Rainbow CV-P1B	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	21	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	2	2,069
Santa Barbara - 1005 ⁽¹⁰⁾	1	Closed	Mar-15	-	416
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 7 Close-out / Reconciliation	Sep-16	6	917

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	September-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in September 18	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 2017 (in \$1,000)
Future Filings					
407 Sullivan Canyon-P1B ⁽⁷⁾⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	5	848
Blythe ⁽³⁾					
Blythe (Cactus City)-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-19	-	846
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	5	356
Palowalla-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	595	1,821
Indio 2016-P1B ⁽¹²⁾	6	Stage 5-6 Construction / Turnover	Aug-17	189	1,276
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	Oct-18	2	107
L4000 MP 69.00 MLV-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	21	691
L4002 MP 67.00 MLV ⁽⁶⁾	N/A	N/A	N/A	(0)	380
Quigley Station ⁽⁶⁾	N/A	N/A	N/A	-	29
Los Alamitos ⁽⁵⁾	N/A	N/A	N/A	(206)	0
SL45-120 Section 2-P1B ⁽⁵⁾⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	12	321
V-L1017-P1B ⁽¹²⁾⁽¹⁷⁾⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	40	650
L2000 Beaumont 2016 ⁽¹⁷⁾	4	Stage 5-6 Construction / Turnover	Jun-17	-	-
Valve - L7000 Bundle-P1B	2	Stage 5-6 Construction / Turnover	Sep-16	(756)	1,495
V-L7000-P1B-Melcher & Elmo	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	200	262
V-L7000-P1B-Beech & HWY 46	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	199	237
V-L7000-P1B-Rd 68 & Ave 232 ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	208	296
V-L7000-P1B-Rd 96 & Ave 198 ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	224	303
V-L7000-P1B-Visalia Stn	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	11	17
Taft-P1B ⁽¹²⁾⁽¹⁷⁾				(1,949)	190
V-Taft-P1B-Buttonwillow	1	Stage 5-6 Construction / Turnover	Apr-17	993	993
V-Taft-P1B-7th Standard	1	Stage 5-6 Construction / Turnover	Sep-17	403	455
V-Taft-P1B-Hageman & Runfro ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	342	346
V-Taft-P1B-Sycamore	1	Stage 5-6 Construction / Turnover	Aug-17	661	738
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	(0)	12
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	-	89
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	26	640
Adelanto-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾				0	0
V-Adelanto-P1B-MLV4 ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	28	59
V-Adelanto-P1B-Stoddard Wells ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	14	41
V-Adelanto-P1B-MLV17 ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	8	37
Apple Valley-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	31	425
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	2	34
Blythe COMMs-P1B ⁽¹²⁾	0	Stage 1 Project Initiation	Feb-19	0	9
Del Amo Station-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	4	84
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	25	295
Haskell Station FM-P1B ⁽¹²⁾⁽¹³⁾	1	N/A	Mar-19	-	8
L2002-P1B ⁽¹²⁾⁽⁶⁾	N/A	N/A	N/A	-	5
L4000 Victorville-P1B ⁽¹²⁾⁽¹⁹⁾				0	123
V-L4000-P1B-Cajon Junction ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	1	22
V-L4000-P1B-Camp Rock Rd ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-18	2	46
V-L4000-P1B-Desert View Rd ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	0	29
V-L4000-P1B-Devore Stn ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	5	26
V-L4000-P1B-Powerline Rd ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	2	38
V-29 Palms-P1B-Indian Canyon ⁽¹⁹⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	35	89
V-29 Palms-P1B-Mohawk Trail ⁽¹⁹⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	37	69
V-29 Palms-P1B-Sunburst St ⁽¹⁹⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	35	92
V-29 Palms-P1B-Utah Trail ⁽¹⁹⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	35	79
Needles COMMs-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-19	2	18
Pico-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	31	157
Wilmington-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾				1	1
V-Wilmington-P1B Lecouver Ave & F St ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	2	124
V-Wilmington-P1B Eubank Stn ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	15	134
L4002 MP 72.70-P1B ⁽¹²⁾⁽¹³⁾	0	N/A	Jun-22	(5)	(1)
Brea Hacienda Bundle-P1B ⁽¹²⁾⁽¹⁹⁾				1	167
V-Brea-P1B-Atwood Stn	3	Stage 5-6 Construction / Turnover	Jul-17	472	609
V-Brea-P1B-Azusa Ave	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	14	39
V-Brea-P1B-Beach	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	8	44
V-Brea-P1B-Brea Canyon	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	37	75
V-Brea-P1B-Carbon Canyon	0	Stage 5-6 Construction / Turnover	Sep-17	48	110
V-Brea-P1B-Lincoln	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	5	46
V-Brea-P1B-Placentia	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	7	24
L4002 MP 86.44-FM-P1B ⁽¹²⁾⁽¹³⁾⁽⁶⁾	N/A	N/A	N/A	-	14
Yorba Station-P1B ⁽¹²⁾⁽¹³⁾	1	N/A	Nov-18	-	10
Lampson Check Valves-P1B ⁽¹⁵⁾	0	Stage 1 Project Initiation	Aug-18	(3)	1
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	-	6
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	8	31
Glendale Bundle-P1B ⁽¹³⁾⁽¹⁹⁾				-	127
V-Glendale-P1B-Adams	3	N/A	Feb-19	8	25
V-Glendale-P1B-Monterey	2	Stage 1 Project Initiation	Mar-18	6	31

Appendix B - SoCalGas Active Valve Projects List

Valve Projects	September-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in September 18	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 2017 (in \$1,000)
Future Filings					
V-Glendale-P1B-Glenoaks	2	N/A	Feb-19	8	17
V-Glendale-P1B-Avenue 59	3	N/A	Mar-19	30	56
Western/Del Rey Bundle-P1B ⁽¹³⁾				0	2
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost ⁽¹⁷⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	3	45
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction ⁽²²⁾	6	N/A	Oct-18	0	11
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-19	6	39
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	-	3
Victorville COMMS-P1B ⁽¹²⁾⁽¹³⁾				-	129
V-Victorville COMMS-P1B-MLV11 ⁽¹³⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	17	102
V-Victorville COMMS-P1B-MLV12 ⁽¹³⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	12	68
Ventura Station Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁵⁾	6	N/A	Jun-20	-	4
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Feb-19	-	7
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	3	29
404-406 Ventura 2016 Bundle	2	Stage 5-6 Construction / Turnover	Oct-16	12	743
V-404-406 Vent. 2016 P1B Somis Yard	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	13	235
SB County Bundle-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	40	224
V-SB County-P1B-Lions ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	14	314
V-SB County-P1B-Park Ln ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	13	323
Spence Station-P1B ⁽¹²⁾⁽¹⁷⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	12	180
Carpinteria Bundle-P1B ⁽¹²⁾⁽¹⁵⁾⁽¹⁹⁾				-	-
V-Carpinteria-P1B-Conoco ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	9	32
V-Carpinteria-P1B-Oxy-Rincon ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	3	34
Santa Barbara Bundle-P1B ⁽¹²⁾⁽¹³⁾				-	-
V-Santa Barbara-P1B-Cabrillo B ⁽²⁰⁾⁽²⁵⁾⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	7	26
V-Santa Barbara-P1B-Grove Ln ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	9	30
Goleta Bundle-P1B ⁽¹³⁾⁽¹⁹⁾				-	-
V-Goleta-P1B-Santa Rosa Rd Buellton ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-19	9	46
V-Goleta-P1B-Farren Rd	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	7	31
V-Goleta-P1B-Gaviota St Park ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	12	51
V-Goleta-P1B-POPCO	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	11	24
V-Goleta-P1B-More Ranch Rd ⁽²²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-19	7	69
L115 Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾⁽¹⁹⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	19	68
V-L115-P1B-Pierce ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-19	14	64
V-L115-P1B-Randall ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	19	66
V-L115-P1B-Walnut ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-18	18	83
Burbank Bundle-P1B ⁽¹²⁾⁽¹³⁾					
V-Burbank-P1B-Riverside & Agnes ⁽²²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	7	26
V-Burbank-P1B-Valleyheart & Noble ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	3	20
V-Burbank-P1B-Verdugo & Reese ⁽²²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	13	32
V-SFV Bundle Valencia ⁽¹³⁾	N/A	N/A	N/A	61	63
V-SFV Bundle Olympic ⁽¹³⁾	N/A	N/A	N/A	1	2
V-L765-P1B-Abbot & Atlantic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-19	1	1
V-L765-P1B-Cypress & Arroyo Seco	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	1	1
V-L765-P1B-Fairmont & Faircourt	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	1	1
V-L765-P1B-Farragut & Anaheim	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	1	1
V-L765-P1B-Linsley & Atlantic	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-19	1	1
V-L765-P1B-Mission & Workman	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-19	0	0
V-L37-18F	N/A	N/A	N/A	1	1
Total SoCalGas Valves				5,254	187,112

Appendix B - SDG&E Active Valve Projects List

Future Filings					
Valve Projects	September-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for September 2017 ⁽¹⁾	Construction Start Date (Est.) Reported in September 18	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 2017 (in \$1,000)
1600 Bundle	0	Stage 7 Close-out / Reconciliation	Dec-14	5	254
3010 Bundle	0	Stage 7 Close-out / Reconciliation	Dec-14	6	136
3600 Bundle	12	Stage 7 Close-out / Reconciliation	Mar-15	11	4,030
			Oct-16	13	856
49-28	1	Stage 5-6 Construction / Turnover			
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	19	1,812
3100 and 2010 FM ⁽¹⁸⁾	2	Stage 5-6 Construction / Turnover	Oct-16	4	217
49-11 & 49-27 ⁽²²⁾	1	Stage 5-6 Construction / Turnover	Sep-16	30	1,612
49-15 Transmission	2	Stage 5-6 Construction / Turnover	Nov-15	-	-
49-16 RCV ⁽¹⁴⁾	5	Stage 5-6 Construction / Turnover	Aug-17	101	511
49-18 MVH	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	-	-
Total SDG&E Valves				189	9,428

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
- (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 Vincente" 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 "Carpenteria 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.
- (22) Valve project name updated.

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

Appendix C - Records Review and Interim Safety Measure Costs

SoCalGas	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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	September 2017 Actuals (in \$1,000)	Project-to-Date as of September 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 June and project-to-date costs from May 2012 to September 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 September 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$19,644,413 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 \$26.9 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the August to September 2017 report because amortization exceeds interest for the current month.

(F) As of September 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRMA) reflects a balance of \$21,450 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 August to September 2017 report because amortization exceeds interest for the current month.