

February 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 February 2017.

II. Current Status

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

Pipelines:

1. No new construction activity for the month of February
2. 12 pipeline projects are in Construction (Stage 5)
3. 8 pipeline projects are in Start Up/Turnover (Stage 6)
4. 37 pipeline projects are in Close-Out (Stage 7)

Valves:

1. No new construction activity for the month of February
2. 38 valve projects are in construction/turnover (Stages 5-6)
3. 9 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 Active Pipeline Projects Table, Footnote 15:
Project Playa Del Rey Phase 5 Project Lifecycle has been revised to Stage 7 to accurately reflect the status of the project.
- Appendix A, SDG&E Active Pipeline Projects Table, Footnote L:
The project-to-date cost difference of approximately \$4K from January 2017 to February 2017 is due to budget system migration mapping discrepancy reconciliation for project PSRP Line 1600/3602.

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

Appendix A - Active Projects Listing

Pipeline - SoCalGas							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for February 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in February 2017	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
2000 ⁽³⁾	1	117.6 ⁽³⁾		1947			
2000-A			Closed		Jun-13	-	22,427
2000-Bridge			3-Project Definition		Jul-17	42	535
2000-West ⁽⁶⁾							
2000-West Section 1,2,3			7-Close-out		Jul-14	-	23,206
2000-West Santa Fe Springs Sta.			6-Start Up/Turnover		Oct-16	869	7,279
2001 West ⁽⁴⁾	3	64.10		1950			
2001 West - A			Closed		Apr-14	-	745
2001 West - B ⁽⁶⁾							
2001 West-B Section 10,11,14			Closed		Aug-14	-	11,883
2001 West-B Section 17,18,19			Closed		Aug-15	1	4,543
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽⁶⁾							
2000-C			5-Construction		Jan-17	(1,594)	4,020
2001 West - C			4-Detailed Design		Sep-17	(652)	1,428
2000-D ^(M)			3-Project Definition		Jun-18	(52)	1,434
2001 West - D			3-Project Definition		Jun-18	328	1,038
2000-E	N/A	N/A	2-Selection	N/A	N/A	1,793	2,027
2001 West - E	N/A	N/A	2-Selection	N/A	N/A	1,724	1,921
1005	4	3.50	Closed	1949	Sep-14	-	5,820
2003 ⁽⁶⁾	6	26.50		1949			
2003			Closed		Aug-14	-	8,819
2003 Section 2			Closed		Jul-15	-	2,689
407	7	6.30	Closed	1951	Mar-14	-	6,371
406 ⁽⁶⁾	9	20.70		1951			
406 Section 1,2,2A,4,5			Closed		Aug-14	-	9,681
406 Section 3			7-Close-out		Jun-16	14	2,446
235 West	10	3.10	Closed	1957	Jun-14	-	3,406
1013	11	3.50	Closed	1954	Jul-14	-	2,423
1015	12	7.85	Closed	1954	Aug-14	-	2,463
1004	13	19.70	7-Close-out	1944	May-15	9	12,672
404 ⁽⁶⁾	14	37.80		1949			
404 Section 1			Closed		Sep-15	(2)	2,466
404 Section 2			Closed		Sep-15	(32)	3,881
404 Section 2A			4-Detailed Design		Mar-17	26	232
404 Section 3,7&8,8A			7-Close-out		Feb-14	-	8,633
404 Section 3A			7-Close-out		Aug-16	93	5,019
404 Section 4&5			Closed		Sep-15	336	6,437
404 Section 4A			4-Detailed Design		Jan-18	7	662
404 Section 9			7-Close-out		Jun-16	20	1,709
44-137	15	1.00	7-Close-out	1950	Nov-14	25	23,909
2000-0.18-80 Crossover Piping ⁽⁵⁾			3-Project Definition		Jul-17		
2000-0.18-BO	23	0.01		1952		-	-
2000-0.18-XO1	43	0.01		1952		6	279
2000-0.18-XO2	16	0.01		1961		-	-
1014	18	0.003	Closed	1959	Oct-14	-	825
43-121 ⁽⁶⁾	22	4.41		1930			
43-121 North			5-Construction		Aug-16	338	14,163
43-121 South			7-Close-out		Aug-14	50	28,032
33-120 ⁽⁶⁾	24	1.25		1940			
33-120 Section 1			4-Detailed Design		Jun-17	35	2,420
33-120 Section 2			Closed		Jun-14	-	7,052
33-120 Section 3			4-Detailed Design		Apr-17	22	1,715
45-120 ⁽⁶⁾	25	4.30		1930			
45-120 Section 1			Closed		Mar-14	-	5,828
45-120 Section 2			5-Construction		Sep-14	361	49,147
32-21 ⁽⁶⁾	26	10.23		1948			
32-21 Section 1			7-Close-out		May-15	18	9,057
32-21 Section 2			7-Close-out		Jun-16	67	4,040
32-21 Section 3			7-Close-out		Sep-16	68	2,970
41-6000-2 ⁽⁹⁾	27	39.95	6-Start Up/Turnover	1948	Various	15	76,660
36-9-09 North ⁽⁶⁾	29	16.02		1932			
36-9-09 North Section 1			7-Close-out		May-15	32	44,565
36-9-09 North Section 2A			4-Detailed Design		Jul-18	-	86
36-9-09 North Section 2B			Closed		Jun-14	-	2,957
36-9-09 North Section 3			7-Close-out		Dec-14	(106)	24,143
36-9-09 North Section 4 ⁽⁶⁾						43	8,210
36-9-09 North Section 4A			4-Detailed Design		May-17	39	261
36-9-09 North Section 4B			7-Close-out		Sep-14	2	29
36-9-09 North Section 5						12	8,718
36-9-09 North Section 5A			7-Close-out		Feb-16	30	4,512
36-9-09 North Section 5C ⁽⁶⁾			5-Construction		Dec-16	535	3,173
36-9-09 North Section 6A			Closed		Mar-15	0	2,694
36-9-09 North Section 6B			3-Project Definition		Oct-17	51	1,363
36-9-09 North Section 7A			7-Close-out		Sep-16	379	9,094
36-9-09 North Section 7B			7-Close-out		May-15	13	23,456

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

Appendix A - Active Projects Listing

Pipeline - SoCalGas

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for February 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in February 2017	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
1011	36	5.14	Closed	1955	Jul-14	-	2,418
36-37	38	0.02	Closed	1970	May-14	-	1,044
42-66-1&2 ⁽¹⁰⁾			Closed		Oct-13		
42-66-1	40	0.04		1947		-	681
42-66-2	41	0.03		1947		-	-
37-18 ⁽⁶⁾	45	4.16		1945			
37-18			5-Construction		Oct-14	294	37,858
37-18 Section 5			4-Detailed Design		Apr-17	-	-
37-18-F	46	2.06	7-Close-out	1946	Aug-16	21	5,925
37-18-K	12	2.85	3-Project Definition	1949	Jun-17	38	473
30-18 ⁽⁶⁾	47	2.58		1943			
30-18 Section 2			4-Detailed Design		Oct-17	190	23,424
30-18 Section 1			7-Close-out		Jul-14	(284)	170
30-18 Section 3			6-Start Up/Turnover		Oct-16	2	1,273
44-654	50	0.01	Closed	1957	Jun-14	-	1,825
31-09 ⁽¹³⁾	52	12.81	7-Close-out	1958	Jul-15	4	46
37-07	53	2.68	7-Close-out	1945	Sep-14	13	26,465
33-121 (REPL) ⁽¹²⁾	59	0.16	3-Project Definition	1955	Jun-18	30	1,356
41-6001-2	63	0.005	3-Project Definition	1967	Sep-17	0	246
36-1032 (REPL) ⁽¹²⁾	64	1.54	Closed	1963	May-14	-	10,008
36-1032 Section 4	N/A	N/A	4-Detailed Design	1963	Jun-17	(33)	1,462
41-30-A	80	0.26	Closed	1940	Jul-14	1	432
41-30 ⁽¹⁴⁾	82	3.95	N/A	1953	N/A	1	50
38-200	86	0.23	7-Close-out	1948	Apr-16	60	7,098
45-120X01	87	0.01	Closed	1930	Sep-13	-	750
38-501 ⁽⁶⁾	89	1.98		1952			
38-501 Section 1			7-Close-out		Jun-15	83	5,268
38-501 Section 2			6-Start Up/Turnover		Aug-16	(154)	14,085
36-1002	96	0.21	7-Close-out	1928	May-15	9	1,778
44-687	99	0.23	7-Close-out	1946	Sep-14	46	5,005
38-512 ⁽⁶⁾	106	4.78		1939			
38-512			7-Close-out		Mar-15	23	27,042
38-512 Section 3			3-Project Definition		Jun-17	2	225
44-1008 Section 2B ⁽⁸⁾	107	10.06	4-Detailed Design	1937	Oct-17	2	1,198
35-20-N	113	0.010	Closed	1929	Aug-14	-	231
38-539	124	12.08	7-Close-out	1964	Oct-14	-	15,477
38-556	N/A	N/A	3-Project Definition	N/A	N/A	(0)	710
36-9-21	126	5.06	3-Project Definition	1950	Sep-17	35	1,083
44-720	132	1.17	7-Close-out	1947	Jun-15	3	9,627
41-116	142	0.006	6-Start Up/Turnover	1957	Oct-16	-	18
225	N/A	N/A	4-Detailed Design	1959	Mar-18	(222)	2,195
235W Sawtooth Canyon	N/A	N/A	Closed	1957	Oct-14	-	1,884
38-931	N/A	N/A	5-Construction	1942	Jan-17	1,673	5,322
38-504	N/A	N/A	7-Close-out	1952	Sep-16	23	5,360
38-514 ⁽⁶⁾	N/A	N/A		1945			
38-514 Section 1			7-Close-out		May-16	5	1,736
38-514 Section 2			7-Close-out		Feb-16	58	11,578
36-9-09 South	N/A	N/A	Closed	1951	Apr-16	(17)	2,046
36-9-09-JJ	N/A	N/A	Closed	1920	Jun-16	9	1,606
85 ⁽¹³⁾	N/A	N/A	3-Project Definition		TBD	64	3,428
85 South Newhall	N/A	N/A	7-Close-out	1931	Dec-14	16	8,561
404-406 Somis Station ⁽¹¹⁾	N/A	N/A	4-Detailed Design	1951	Jul-17	28	1,271
Storage ⁽⁷⁾	-	2.83		various			
Playa Del Rey Phase 1&2			Closed		Aug-13	-	648
Playa Del Rey Phase 5 ⁽¹⁵⁾			7-Close-out		Mar-15	-	1,933
Goleta			4-Detailed Design		Sep-17	19	354
128-P1B-01			2-Selection		Feb-18	0	42
36-1001-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1925	Mar-18	(0)	137
36-1032-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	May-18	0	286
PSEP-SL36-1032-P1B-11	N/A	N/A	N/A	N/A	N/A	(8)	435
PSEP-SL36-1032-P1B-12	N/A	N/A	N/A	N/A	N/A	(7)	529
PSEP-SL36-1032-P1B-13	N/A	N/A	N/A	N/A	N/A	14	569
PSEP-SL36-1032-P1B-14	N/A	N/A	N/A	N/A	N/A	10	482
36-37-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1927	May-18	1	187
PSEP-SL36-37-P1B-11	N/A	N/A	N/A	N/A	N/A	8	1,649
PSEP-SL36-37-P1B-12	N/A	N/A	N/A	N/A	N/A	(14)	1,040
36-1002-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	Jun-18	(9)	807
PSEP-SL36-1002-P1B-11	N/A	N/A	N/A	N/A	N/A	(8)	209
PSEP-SL36-1002-P1B-12	N/A	N/A	N/A	N/A	N/A	-	88
PSEP-SL36-1002-P1B-13	N/A	N/A	N/A	N/A	N/A	-	77
PSEP-SL36-1002-P1B-14	N/A	N/A	N/A	N/A	N/A	-	57

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

Appendix A - Active Projects Listing

Pipeline - SoCalGas							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for February 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in February 2017	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
43-121-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1930	Oct-18	2	415
45-1001-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1925	Oct-18	(6)	418
38-931-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1942	Nov-18	1	81
36-9-09N-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1920	Mar-18	0	77
PSEP-SL36-9-09N-P1B-12	N/A	N/A				6	736
PSEP-SL36-9-09N-P1B-14	N/A	N/A				5	740
PSEP-SL36-9-09N-P1B-15	N/A	N/A				5	699
PSEP-SL36-9-09N-P1B-16	N/A	N/A				(8)	720
38-101-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1921	Apr-18	9	982
38-960-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	May-18	0	1,519
44-1008-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1937	May-18	4	58
38-143-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1939	Nov-18	22	570
38-1102-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1938	May-18	34	469
7043-P1B-01 ⁽¹³⁾	N/A	N/A	1-Project Initiation	1930	Mar-18	1	114
127-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1944	Apr-18	1	223
1004-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1945	Jul-18	5	468
38-KWB-P1B-01	N/A	N/A	7-Close-out	Various	Oct-15	-	1,676
38-514-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1945	Mar-18	1	425
103-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1941	Jan-18	0	36
41-17	57	3,580	6-Start Up/Turnover	1955	Sep-16	1,517	2,680
235W-P2-01	N/A	N/A	N/A	N/A	N/A	8	9
Valves- SoCalGas						1,793	157,022
Methane Detectors						-	322
Communications *						13	1,047
Construction *						(1,859)	916
Engineering *						(342)	9,147
Training *						49	1,220
Gas Control *						5	81
Environmental *						(6)	418
Supply Management *						26	4,384
General Administration *						334	13,358
Program Management Office *						81	3,885
Total SoCalGas PSEP Pipeline and Valve Projects						8,700	991,855

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

Overall Financial Notes:

- (A) Costs reflect actuals for the month of December and project-to-date costs from May 2012 to February 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 February 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$38,644,732 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 \$ 7.9 million of amortization revenues to-date.
- (F) As of February 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRsMA) reflects a balance of \$77,128 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).
- (G) As of February 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$97,347,625 which includes balancing account interest and reflects approximately \$21.1 million of amortization revenues to-date.
- (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 SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- (I) As of February 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$6,535,918 which includes balancing account interest and approximately \$1.5 million of amortization revenues to-date.
- (J) As of February 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$87,069,663 which includes balancing account interest and reflects approximately \$7.9 million of amortization revenues to-date.
- (K) As of February 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$16,094,272 which includes balancing account interest and approximately \$1.2 million of amortization revenues to-date.

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) The number shown, e.g. 67% is the stress level of the majority of the pipe segments.
- (3) L-2000, because of its length, will be remediated in four phases. 2000-A, 2000-Bridge, 2000-C and 2000-West. 2000-C has been regrouped with 2001 West-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."
- (4) 2001-West will be remediated as three projects: 2001 West-A, 2001 West-B, and 2001 West-C. This pipeline has been broken up into sections to report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability. 2001 West-C has been regrouped with 2000-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."
- (5) 2000-0.18-X01, 2000-0.18-X02, and 2000-0.18-BO have been combined and will be remediated as one project under "2000-0.18-BO Crossover Piping".
- (6) This pipeline has been broken up into separate projects for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.
- (7) There are numerous storage fields, with too many lines to distinguish predominant pipe diameter, vintage, %SMYS and construction start dates for each Storage line. However Storage field project stage and construction start will only be reported.
- (8) Project 44-1008 has been renamed to project "44-1008 Section 2B".
- (9) Per PSEP filing, the extension of existing L-6914 (6914 Ext) will allow for the abandonment of 41-6000-2. For the purpose of this appendix, both pipelines will be reported under 41-6000-2.
- (10) Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2".
- (11) Project "Somis Station" has been renamed to "404-406 Somis Station".
- (12) Project name has been changed to include "(REPL)" at the end of the project name.
- (13) 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.
- (14) Project 41-30 is in the process of being desopped.
- (15) Project Playa Del Rey Phase 5 Project Lifecycle has been revised to Stage 7 to accurately reflect the status of the project.

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

Appendix A - Active Projects Listing

Pipeline - SDG&E							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for February 2017 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in February 2017	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
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	381	17,678
49-28	1	4.89	5-Construction	1932	Sep-14	57	37,119
49-17	2	5.812		1948			
49-17 East			6-Start Up/Turnover		Jun-15	438	53,281
49-17 West			5-Construction		Oct-14	41	18,648
49-25	4	2.278	7-Close-out	1960	Aug-14	(1)	21,279
49-32 (REPL) ⁽¹²⁾	5	0.06	Closed	1950	Jun-14	(2)	3,573
49-16 ⁽⁶⁾	6	9.590		1955			
49-16 Pipeline			5-Construction		Mar-15	151	11,576
49-16 4th & Palm			4-Detailed Design		Jul-17	2	471
49-16 Gate Station			4-Detailed Design		Aug-17	4	341
49-11	7	6.30	7-Close-out	1969	Jun-15	4	5,242
49-26 ⁽¹⁸⁾	10	2.615	5-Construction	1958	Oct-14	14	30,056
49-14	14	2.45	Closed	1959	Sep-14	0	4,047
49-15 ⁽⁶⁾	15	6.60		1950			
49-15 (REPL) ⁽¹⁹⁾			5-Construction		Nov-15	627	25,873
49-15 Transmission			6-Start Up/Turnover		Nov-15	5	6,102
49-22	16	4.04	Closed	1951	Apr-14	0	4,055
49-13	18	3.46	7-Close-out	1959	Jul-15	50	22,245
49-32-L	N/A	0.115	5-Construction	1965	Aug-16	(367)	4,841
Valves						773	7,825
Methane Detectors						-	104
Communications *						5	24
Construction *						(1)	107
Engineering *						13	203
Training *						-	57
Gas Control *						1	11
Environmental *						(3)	33
Supply Management *						2	444
General Administration *						234	1,781
Program Management Office *						15	106
Total SDG&E PSEP Pipeline and Valve Projects ⁽⁴⁾						2,443	277,566

*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.

Due to new GMA automation, all GMA accounts on SCG were inadvertently duplicated for months of Oct – Dec 2016. Therefore, all had to be adjusted to reflect appropriate PTD costs. In addition, some projects had to be adjusted as well.

Overall Financial Notes:

(A) Costs reflect actuals for the month of December and project-to-date costs from May 2012 to February 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 February 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$38,644,732 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 \$ 7.9 million of amortization revenues to-date.

(F) As of February 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRsMA) reflects a balance of \$77,128 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).

(G) As of February 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$97,347,625 which includes balancing account interest and reflects approximately \$21.1 million of amortization revenues to-date.

(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 February 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$6,535,918 which includes balancing account interest and approximately \$1.5 million of amortization revenues to-date.

(J) As of February 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$87,069,663 which includes balancing account interest and reflects approximately \$7.9 million of amortization revenues to-date.

(K) As of February 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$16,094,272 which includes balancing account interest and approximately \$1.2 million of amortization revenues to-date.

(L) The project-to-date cost difference of approximately \$4K from January 2017 to February 2017 is due to budget system migration mapping discrepancy reconciliation for project PSRP Line 1600/3602.

Project Footnotes:

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

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

(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 February 2017
Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 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	-	-
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 41-116BP1	-	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 February 2017

Appendix A - Projects Remediated or Removed

Pipeline Projects - SoCalGas	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408X01	-	-
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	-	460

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

Appendix A - Projects Remediated or Removed

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

Appendix B - Active Valve Projects List					
Valves-SoCalGas					
Valve Projects	Feb-17 No. of Valves ⁽¹⁾	Project Lifecycle Stage for February 2017 ⁽²⁾	Construction Start Date (Est.) Reported in February-17	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
Bain Street Station	2	Closed	Dec-13	-	883
Chino Station	5	Closed	Dec-13	-	997
Moreno Small	2	Closed	Jan-14	-	710
Prado Station	5	Closed	Jan-14	-	1,207
Haskell Station	2	Closed	Jan-14	-	698
Moreno Large	1	Closed	Jan-14	-	505
Whitewater Station	3	Closed	Mar-14	-	702
Santa Fe Springs	3	Closed	Mar-14	-	723
Arrow & Haven	1	Closed	May-14	-	965
235 - 335 Palmdale	6	Closed	Jun-14	-	6,771
Puente Station	2	Closed	Jan-14	-	16
Brea Station-1013	1	Closed	Oct-14	-	240
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	(401)	12,520
407 Sullivan Canyon-P1B ^{(7),(12)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	5	1,027
Victoria Station	4	Closed	Dec-14	-	1,533
Alhambra Station	3	Stage 7 Close-out / Reconciliation	Apr-15	-	3,036
Pixley Station	3	Closed	Nov-14	-	1,339
2001W Seg 10-11-P1B ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Jan-17	134	657
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	(2)	5,037
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	52	7,705
Blythe ⁽³⁾					
Blythe (Cactus City)-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	0	842
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	(59)	311
Banning Airport	2	Stage 7 Close-out / Reconciliation	Apr-15	(89)	1,863
Orange	3	Stage 7 Close-out / Reconciliation	Apr-15	-	4,876
Palowalla-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	(105)	1,563
L 1020	1	Stage 7 Close-out / Reconciliation	Mar-15	5	1,281
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	(23)	9,030
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	8	7,010
404-406 Valley	7	Stage 5-6 Construction / Turnover	Sep-15	42	2,702
Indio ⁽⁴⁾					
Indio 2014	4	Stage 7 Close-out / Reconciliation	May-15	-	2,219
Indio 2016-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	13	758
235-198.20 ⁽⁶⁾	N/A	N/A	N/A	-	1
L1004 MP 15.27 Carpinteria-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-18	0	103
Santa Barbara - 1005 ⁽¹⁰⁾	1	Closed	Mar-15	-	403
L4000 MP 45.36 ⁽⁹⁾	1	Stage 5-6 Construction / Turnover	Sep-16	24	1,148
L4000 MP 53.00 ⁽⁸⁾	3	Stage 7 Close-out / Reconciliation	May-15	-	1,842
L4000 MP 69.00 MLV-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	12	604
L4000 MP 80.08 MLV	3	Stage 7 Close-out / Reconciliation	May-15	19	1,275
L4002 MP 67.00 MLV ⁽⁶⁾	N/A	N/A	N/A	-	437
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	10	6,492
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	1	6,595
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	322	3,187
Banning 2001	6	Stage 5-6 Construction / Turnover	Apr-16	24	1,824
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	4	3,103
Quigley Station ⁽⁶⁾	N/A	N/A	N/A	-	29
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	16	1,956
Aviation	10	Stage 5-6 Construction / Turnover	May-16	88	8,191
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	11	3,671
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	20	3,437
Honor Ranch - L225	5	Stage 5-6 Construction / Turnover	May-16	278	3,485
Los Alamitos ⁽⁵⁾	N/A	N/A	N/A	-	239
Haynes Station	3	Stage 5-6 Construction / Turnover	Nov-16	89	1,192
Fontana MLVs 4000-4002	3	Stage 5-6 Construction / Turnover	Oct-16	30	1,584
Fontana Bundle - L4002	1	Stage 7 Close-out / Reconciliation	Jul-15	6	1,052
SL45-120 Section 2-P1B ^{(5),(12)}	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	5	217
235-335 East	2	Stage 5-6 Construction / Turnover	Oct-16	317	1,498
L1017-P1B ⁽¹²⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	32	459
L1018-P1B ⁽¹²⁾	10	Stage 5-6 Construction / Turnover	Oct-16	42	1,254
L2000 Beaumont Riverside ⁽¹¹⁾					
L2000 Beaumont 2015 ⁽¹⁸⁾	3	Stage 5-6 Construction / Turnover	Aug-15	24	2,908
L2000 Beaumont 2016 ⁽¹⁸⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	-	-
L7000-P1B ⁽¹²⁾	9	Stage 5-6 Construction / Turnover	Sep-16	53	2,115
Taft-P1B ^{(12),(18)}	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	78	1,068

Rainbow Bundle ⁽¹⁷⁾					
Rainbow ⁽¹⁷⁾	10	Stage 5-6 Construction / Turnover	May-16	345	4,488
Rainbow 2017 ⁽¹⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	3	31
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	35	3,314
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	0	11
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	(241)	2,034
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	-	84
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	41	371
Adelanto-P1B ^{(12), (13), (18)}	3	N/A	Feb-18	1	6
Apple Valley-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	25	249
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	0	27
Blythe COMMs-P1B ⁽¹²⁾	0	Stage 1 Project Initiation	Jun-18	1	6
Del Amo Station-P1B ^{(12), (13)}	4	N/A	Sep-18	16	26
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	13	208
Haskell Station FM-P1B ^{(12), (13)}	1	N/A	Feb-18	1	7
L2002-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-19	0	5
L4000 Victorville-P1B ⁽¹²⁾	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	47	106
L6916-P1B ⁽¹²⁾	7	Stage 5-6 Construction / Turnover	Nov-16	184	1,747
Needles COMMs-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	0	4
Pico-P1B ^{(12), (13)}	8	N/A	May-18	1	89
Wilmington-P1B ^{(12), (13)}	5	N/A	Jun-19	0	217
L4002 MP 72.70-P1B ^{(12), (13)}	1	N/A	Sep-19	0	4
Brea Hacienda Bundle-P1B ⁽¹²⁾	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	35	66
L4002 MP 86.44-FM-P1B ^{(12), (13)}	1	N/A	Jul-18	0	14
Yorba Station-P1B ^{(12), (13)}	1	N/A	Jan-19	1	4
Lampson Check Valves-P1B ^{(6), (13)}	0	Stage 1 Project Initiation	Aug-18	0	4
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	0	5
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	0	22
Glendale Bundle-P1B ⁽¹³⁾	10	N/A	Dec-18	6	49
Western/Del Rey Bundle-P1B ⁽¹³⁾	9	N/A	May-19	0	7
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	0	3
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 5-6 Construction / Turnover	Sep-16	12	783
Victorville COMMs-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	(1)	193
Ventura Station Bundle-P1B ^{(12), (13), (16)}	6	N/A	Feb-18	0	3
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Mar-18	0	5
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-18	5	22
404-406 Ventura 2016 Bundle	3	Stage 5-6 Construction / Turnover	Oct-16	96	738
L225 Bundle-P1B ⁽¹²⁾	5	Stage 5-6 Construction / Turnover	Aug-16	-	-
SB County Bundle-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	10	679
Spence Station-P1B ^{(12), (18)}	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	49	85
Carpinteria Bundle-P1B ^{(12), (16)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	1	31
Santa Barbara Bundle-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	1	34
Goleta Bundle-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	4	74
L115 Bundle-P1B ⁽¹³⁾	12	N/A	Mar-18	12	71
Total SoCalGas Valves				1,793	157,022

Valves-SDG&E

Valve Projects		Project Lifecycle Stage for February 2017 ⁽²⁾	Construction Start Date (Est.) Reported in February-17	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 2017 (in \$1,000)
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	0	126
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	1	233
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	48	4,071
49-11	1	Stage 5-6 Construction / Turnover	Sep-16	30	972
49-15 Transmission	2	Stage 5-6 Construction / Turnover	Nov-15	-	-
49-16 RCV ^{(14), (18)}	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17		
49-16 RCV (4th & Palm)				1	13
49-16 RCV (La Mesa Gate)				1	19
49-16 RCV (Mass&Main)				4	164
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	595	1,594
49-28	1	Stage 5-6 Construction / Turnover	Oct-16	84	435
3100 and 2010 FM	2	Stage 5-6 Construction / Turnover	Oct-16	10	198
Total SDG&E Valves				773	7,825

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)
- (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) Valve Project "Rainbow" has been split to "Rainbow Bundle" & "Rainbow Bundle 2017". "Rainbow Bundle" and "Rainbow Bundle 2017" now have separate scope, cost and schedule for each of these projects.
- (18) The number of valves has changed due to a change in project requirements.
- (19) Valve Project 3011 and 2010 name has been corrected to "3100 and 2010 FM".

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

Appendix C - Records Review and Interim Safety Measure Costs

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

SDGE	February 2017 Actuals (in \$1,000)	Project-to-Date as of February 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 February 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 February 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$38,644,732 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 \$ 7.9 million of amortization revenues to-date.

(F) As of February 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRsMA) reflects a balance of \$77,128 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).