

September 2018 PSEP Update

I. Introduction

Decision (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 implemented¹. Attached is the update for September 2018.

II. Current Project Status

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

Pipelines (Appendix A):

- No new construction activity on pipeline projects (Stage 4)
- 5 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stages 5)

Valves (Appendix B):

- New construction activity began on four valve projects (Stage 4)
 - V-L1018-P1B-Camino Capistrano (Laguna Niguel)
 - V-L4000-P1B-Devore Stn (San Bernardino County)
 - V-Rainbow CV-P1B-Scott & El Centro (Menifee)
 - 49-23 (San Diego)
- 19 valve projects are in construction (Stage 4)
- 43 valve projects are in close-out (Stage 5)

III. Costs

Actual project costs are tracked in SoCalGas and SDG&E's respective Regulatory Accounts and are provided in Appendix A, B, C, and summarized in Appendix D.

IV. Attachments

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

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

V. Notes

- Appendix A, SoCalGas Active Pipeline Projects Table 1, Footnotes 15:
This Report reflects a revised methodology for reporting pipeline vintage. In previous Reports, predominate pipeline vintage was reported based on the predominate vintage of the entire pipeline. Beginning with this Report and going forward, predominate vintage is reported based on the predominate vintage of the pipeline segment to be addressed by the reported pipeline project.
- Appendix A, SoCalGas Active Pipeline Projects Table 1, Footnotes 16:
This report incorporates minor immaterial adjustments to the construction start dates for four completed projects (Line 2000A, Playa del Rey Phase 1&2, 36-37, and 36-1002) to align with project records.
- Appendix A, SoCalGas and SDG&E Active Pipeline Projects Table 1-2, Footnote 19 and SoCalGas Remediated or Removed Pipeline Projects Table 3, Footnote 3:
Updates were made to the total direct Project-to-Date costs for SoCalGas O&M projects, SDG&E O&M projects, and SDG&E Capital projects to include disallowance costs. Previously, the disallowance costs were not reflected in the costs reported for those types of projects.
- Appendix D, SoCalGas Active Pipeline Projects Table 1, Footnote E:
The overall regulatory account balance in SoCalGas' PSRMA has decreased from the August 2018 to September 2018 report because amortization exceeds interest for the current month.
- Appendix D, SoCalGas Active Pipeline Projects Table 1, Footnote G:
The overall SoCalGas SEEBA balance has decreased from the August 2018 to September 2018 report because amortization exceeds the recorded costs and interest for the current month.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾⁽²⁰⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage ⁽¹⁵⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽¹⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁴⁾ (in \$1,000)
PSRMA Application (A.14-12-016)						
2000-A ⁽¹⁶⁾	15.29	Closed	1947	Jul-2013 A	-	
42-66-1&2	0.06	Closed	1947	Oct-2013 A	-	681
Playa Del Rey Phase 1&2 ⁽¹⁶⁾	0.13	Closed	1955	Mar-2013 A	-	648
2016 Reasonableness Review Application (A.16-09-005)						
1005	0.03	Closed	1951	Sep-2014 A	-	5,820
1011	0.08	Closed	1947	Jul-2014 A	-	2,418
1013	0.03	Closed	1956	Jul-2014 A	-	2,423
1014	0.00	Closed	1959	Oct-2014 A	-	825
1015	0.41	Closed	1954	Aug-2014 A	-	5,541
235 West	0.03	Closed	1957	Jun-2014 A	-	3,406
235W Sawtooth Canyon	0.32	Closed	1957	Oct-2014 A	-	1,884
2000-West Section 1,2,3	14.57	Closed	1945	Jul-2014 A	-	23,433
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	745
2001 West-B Section 10,11,14	2.94	Closed	1950	Aug-2014 A	-	11,884
2003	0.25	Closed	1953	Aug-2014 A	-	8,805
33-120 Section 2	0.28	Closed	1940	Jun-2014 A	-	7,052
35-20-N	0.01	Closed	1963	Aug-2014 A	-	231
36-1032 (REPL)	0.65	Closed	1928	May-2014 A	-	9,895
36-37 ⁽¹⁶⁾	0.01	Closed	1970	Apr-2014 A	-	1,042
36-9-09 North Section 2B	2.15	Closed	1953	Jun-2014 A	-	2,416
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015 A	1	2,699
38-539	2.61	Closed	1949	Oct-2014 A	-	15,469
41-30-A	0.02	Closed	1951	Jul-2014 A	-	432
44-654	0.05	Closed	1957	Jun-2014 A	-	1,825
45-120 Section 1	0.55	Closed	1930	Mar-2014 A	-	5,828
45-120X01	0.01	Closed	1930	Sep-2013 A	-	750
406 Section 1,2,2A,4,5	1.17	Closed	1951	Aug-2014 A	-	9,685
407	3.00	Closed	1951	Mar-2014 A	-	6,391
Storage - Playa Del Rey Phase 5	0.27	Closed	1955	Mar-2015 A	-	5,007
2017 Forecast Application (A.17-03-021)						
127-P1B-01	0.00	2-Preliminary Design	1944	Mar-2020	-	234
2000-C, D & E ⁽⁴⁾					26	2,433
2000-C	23.00	2-Preliminary Design	1947	Aug-2020		
2000-D	14.00	2-Preliminary Design	1947	Jan-2020		
36-1001-P1B-01	0.13	2-Preliminary Design	1925	Sep-2019	2	143
36-1002-P1B-01 ⁽¹¹⁾	16.68	2-Preliminary Design	1928	Jul-2019	-	1,503
SL36-37-P1B-11A	1.75	3-Detailed Design & Procurement	1927	Jun-2019 A	56	347
SL36-37-P1B-11B	4.40	4-Construction	1927	Jul-2018 A	3,252	9,370
SL36-37-P1B-11C	1.47	2-Preliminary Design	1927	Jun-2019 A	29	223
SL36-37-P1B-12 ⁽¹²⁾	31.00	3-Detailed Design & Procurement	1927	Feb-2019 A	101	2,084
38-514-P1B-01	1.40	2-Preliminary Design	1945	Jul-2020	2	442
38-556	5.60	2-Preliminary Design	1956	Apr-2019	14	788
38-960-P1B-01	6.10	4-Construction	1928	Jul-2018 A	3,043	9,174
43-121-P1B-01	0.30	2-Preliminary Design	1930	Sep-2019	6	505
45-1001-P1B-01	1.10	2-Preliminary Design	1925	Sep-2019	-	457
7043-P1B-01	0.00	2-Preliminary Design	1928	Mar-2020	-	124
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.77	2-Preliminary Design	1947	Jul-2021	-	144
1030-P2-01 ⁽⁷⁾	25.79	2-Preliminary Design	1955	Apr-2022	-	196
225 North ⁽⁷⁾⁽⁸⁾	8.12	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 ⁽⁶⁾					-	777
235 West Sec 1	24.64	2-Preliminary Design	1957	Jan-2021		
235 West Sec 2	20.35	2-Preliminary Design	1957	Mar-2020		
235 West Sec 3	26.88	2-Preliminary Design	1957	Nov-2019		
2000-E ⁽⁴⁾	8.88	2-Preliminary Design	1947	Sep-2020		
2000-P2-02 ⁽⁶⁾					-	391
2000 Chino Hills	10.00	2-Preliminary Design	1947	Jan-2021		
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Aug-2020		
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Aug-2020		
2001E-P2-01 ⁽⁷⁾	0.07	2-Preliminary Design	1953	Mar-2022	-	88
2001E-P2-02 ⁽⁷⁾	27.43	2-Preliminary Design	1954	Mar-2022	-	193
2001W-P2-01 ⁽⁷⁾	5.66	2-Preliminary Design	1953	Jan-2022	-	113
2001 West -E ⁽⁶⁾					-	2,063
2001 West - C	13.85	2-Preliminary Design	1953	Jan-2021		
2001 West - D	17.84	2-Preliminary Design	1950	Jun-2021		
2001 West - E	8.88	2-Preliminary Design	1953	Oct-2021		
2005-P2-01 ⁽⁷⁾	0.28	2-Preliminary Design	1950	Jul-2022	-	101
36-1032-P1B-01 ⁽⁶⁾					-	292
PSEP-SL36-1032-P1B-11	0.49	2-Preliminary Design	1939	Apr-2020	-	507
PSEP-SL36-1032-P1B-12	5.16	2-Preliminary Design	1943	Sep-2020	-	574
PSEP-SL36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	-	621
PSEP-SL36-1032-P1B-14	1.73	2-Preliminary Design	1928	Jul-2021	-	564

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾⁽²⁰⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage ⁽¹⁵⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽¹⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁴⁾ (in \$1,000)
36-9-09N-P1B-01 ⁽⁶⁾					-	43
PSEP-SL36-9-09N-P1B-12	0.88	2-Preliminary Design	1920	Aug-2019	11	820
PSEP-SL36-9-09N-P1B-14	1.92	2-Preliminary Design	1920	Oct-2019	-	805
PSEP-SL36-9-09N-P1B-15	1.53	2-Preliminary Design	1920	Jan-2020	-	750
PSEP-SL36-9-09N-P1B-16	2.02	2-Preliminary Design	1920	May-2020	23	1,625
44-1008-P1B-01 ⁽⁶⁾					-	321
44-1008 (50%)	27.43	1-Initiation & Feasibility	1937	Jan-2021		
44-1008 (50%) ⁽⁷⁾	27.43	1-Initiation & Feasibility	1937	Jan-2022		
407-P2-01	3.97	2-Preliminary Design	1951	May-2020	3	224
5000-P2-01 ⁽⁷⁾	0.02	2-Preliminary Design	1953	Sep-2022	-	84
85 Elk Hills to Lake Station ⁽⁹⁾	13.03	2-Preliminary Design	1931	Oct-2020	4	4,484
Future Filing						
103-P1B-01 ⁽¹¹⁾	9.28	1-Initiation & Feasibility	1941	Feb-2019	4	173
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2019	-	53
133-P2-01 ⁽¹³⁾	3.22	1-Initiation & Feasibility	1946	TBD	-	161
173-P2-01 ⁽¹³⁾	0.00	1-Initiation & Feasibility	1952	TBD	-	5
1004	9.03	Closed	1945	May-2015 A	-	13,047
1004-P1B-01 ⁽¹³⁾	2.43	2-Preliminary Design	1944	TBD	-	580
1004-P2-01 ⁽¹³⁾	1.28	1-Initiation & Feasibility	1944	TBD	-	144
1005-P2 ⁽¹³⁾	12.53	1-Initiation & Feasibility	1951	TBD	-	291
225	3.10	3-Detailed Design & Procurement	1959	Mar-2019 A	-	1,374
225-P2-01 ⁽⁸⁾⁽¹³⁾	10.70	1-Initiation & Feasibility	1959	TBD	-	514
225-P2-02 ⁽¹³⁾	0.04	1-Initiation & Feasibility	1965	TBD	-	199
225-P2-03 ⁽¹³⁾	0.06	1-Initiation & Feasibility	1959	TBD	-	168
235E-P2-01 ⁽¹³⁾	114.01	1-Initiation & Feasibility	1960	TBD	10	69
257-P2-01 ⁽¹³⁾	0.02	TBD	1961	TBD	-	134
2000-C	7.59	Closed	1947	Jan-2017 A	1	12,887
2000-D	3.18	5-Close-Out	1947	Sep-2017 A	446	9,084
2000-D Section 7&9 ⁽¹³⁾	3.28	TBD	1947	TBD	-	-
2000-P2-01	0.57	1-Initiation & Feasibility	TBD	Sep-2020	(7)	27
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	5	8,387
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Jul-2020	13	710
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015 A	-	4,742
2001 West - C	11.41	3-Detailed Design & Procurement	1953	Apr-2019 A	9	1,779
2001 West - D	1.60	3-Detailed Design & Procurement	1950	Apr-2019 A	4	1,511
2001W-P2-02 ⁽¹³⁾	TBD	TBD	TBD	TBD	-	60
2003 Section 2	0.09	Closed	1957	Jul-2015 A	-	2,749
2006	0.06	2-Preliminary Design	TBD	May-2019	9	83
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	2	587
30-18 Section 2	0.65	5-Close-Out	1943	Jan-2018 A	(1,222)	30,438
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	1,806
31-09	0.21	Closed	1969	Jul-2015 A	-	3,646.59
31-09-C ⁽¹³⁾	TBD	TBD	TBD	TBD	-	4
32-21 Section 1	1.56	Closed	1948	May-2015 A	4	9,430
32-21 Section 2	1.60	Closed	1948	Jun-2016 A	-	5,140
32-21 Section 3	2.39	Closed	1948	Sep-2016 A	-	3,565
33-120 Section 1	0.23	5-Close-Out	1930	Sep-2017 A	16	10,854
33-120 Section 3	0.52	Closed	1940	Jun-2017 A	1	6,565
33-121 (REPL)	0.46	5-Close-Out	1955	Jan-2018 A	10	4,093
33-750	0.57	1-Initiation & Feasibility	TBD	Aug-2020	3	20
36-1002 ⁽¹⁶⁾	0.03	Closed	1928	Jun-2015 A	-	1,847
36-1032 Section 4	0.32	5-Close-Out	1953	Jul-2017 A	4	5,400
36-9-09 North Section 1	5.98	Closed	1920	May-2015 A	-	46,900
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014 A	-	25,480
36-9-09 North Section 4 ⁽⁶⁾					-	3,036
36-9-09 North Section 4A	0.58	Closed	1940	May-2017 A	-	4,251
36-9-09 North Section 4B	0.46	Closed	1940	Sep-2014 A	-	5,657
36-9-09 North Section 5A	1.49	Closed	1960	Feb-2016 A	-	12,647
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	1	7,055
36-9-09 North Section 5B-01	0.15	3-Detailed Design & Procurement	1932	Jun-2022	1	1
36-9-09 North Section 5B-02	0.30	3-Detailed Design & Procurement	1932	Oct-2018	91	308
36-9-09 North Section 6B	1.55	5-Close-Out	1955	Oct-2017 A	35	13,602
36-9-09 North Section 7A	1.35	Closed	1932	Sep-2016 A	2	10,768
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	24,258
36-9-09 South ⁽¹⁰⁾	1.24	Closed	1951	Apr-2016 A	-	2,146
36-9-09-JJ ⁽¹⁰⁾	0.46	Closed	1920	Jun-2016 A	-	1,724
36-9-21	0.46	5-Close-Out	1950	Aug-2017 A	8	5,933
37-07	3.22	Closed	1945	Sep-2014 A	-	27,423
37-18	4.06	Closed	1945	Oct-2014 A	10	42,104
37-18-F	2.08	Closed	1946	Aug-2016 A	2	6,891
37-18-K	1.91	5-Close-Out	1949	Mar-2018 A	272	14,080
37-18 Section 5	0.23	Closed	1945	Apr-2017 A	1	7,579
38-KWB-P1B-01 ⁽¹⁰⁾	15.23	Closed	1939	Oct-2015 A	1	1,741

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾⁽²⁰⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage ⁽¹⁵⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽¹⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁴⁾ (in \$1,000)
38-1102-P1B-01 ⁽¹³⁾	0.01	2-Preliminary Design	1963	TBD	-	482
38-100-P2-01 ⁽¹³⁾	0.00	1-Initiation & Feasibility	1960	TBD	-	211
38-101-P1B-01 ⁽¹³⁾	8.55	2-Preliminary Design	1921	TBD	85	1,742
38-143-P1B-01 ⁽¹³⁾	4.42	2-Preliminary Design	1935	TBD	-	626
38-200	0.37	Closed	1945	Apr-2016 A	1	7,517
38-362-P2-01 ⁽¹³⁾	7.31	1-Initiation & Feasibility	1956	TBD	-	222
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	4,727
38-501 Section 2	2.12	Closed	1952	Aug-2016 A	(21)	15,483
38-504	0.38	Closed	1952	Sep-2016 A	(4)	5,180
38-512	4.92	Closed	1929	Mar-2015 A	3	28,971
38-512 Section 3	0.04	Closed	1929	Sep-2017 A	-	76
38-514 Section 1	0.09	Closed	1945	May-2016 A	6	1,932
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	1	11,680
38-539-P2-01 ⁽¹³⁾	12.56	1-Initiation & Feasibility	1947	TBD	-	265
38-931-P1B-01 ⁽¹³⁾	TBD	2-Preliminary Design	1942	TBD	-	91
38-931	2.41	Closed	1942	Jan-2017 A	2	6,638
38-952-P2-01 ⁽¹³⁾	9.22	1-Initiation & Feasibility	1950	TBD	-	229
41-17 ⁽¹²⁾	2.62	5-Close-Out	1955	Sep-2016 A	-	2,554
41-116	0.01	Closed	1957	Oct-2016 A	-	200
41-6000-2 Abandonment ⁽¹²⁾	27.44	4-Construction	1948	Aug-2018 A	340	2,573
41-6000-2 Tie Over	0.15	5-Close-Out	1949	Oct-2017 A	55	15,368
41-6001-2	0.00	Closed	1967	Oct-2017 A	1	541
43-121 North	1.01	Closed	1930	Aug-2016 A	1	14,208
43-121 South	1.48	Closed	1930	Aug-2014 A	18	30,298
43-121N-P1A-02	0.12	Closed	1930	Apr-2017 A	6	4,447
43-121N-P1A-03	0.15	5-Close-Out	1930	Apr-2017 A	11	4,240
43-121N-P1A-04	0.78	5-Close-Out	1930	Aug-2017 A	69	11,290
44-137	1.04	Closed	1950	Nov-2014 A	10	24,629
44-687	0.30	Closed	1946	Sep-2014 A	-	5,175
44-707-P2-01 ⁽¹³⁾	0.00	1-Initiation & Feasibility	1969	TBD	-	150
44-720	1.49	Closed	1947	Jun-2015 A	-	9,950
44-729-P2-01 ⁽¹³⁾	0.00	1-Initiation & Feasibility	1958	TBD	-	306
45-120 Section 2	3.53	5-Close-Out	1930	Sep-2014 A	199	75,664
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,621
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	3,784
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,292
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,047
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	25	2,495
404 Section 4A	0.79	4-Construction	1944	Aug-2018 A	613	2,436
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,190
404 Section 9	0.41	Closed	1944	Jun-2016 A	1	1,869
404-P2-01 ⁽¹³⁾	6.07	1-Initiation & Feasibility	1944	TBD	-	174
404-406 Somis Station	0.14	4-Construction	1951	Aug-2018 A	602	3,150
406-P2-01 ⁽¹³⁾	13.72	1-Initiation & Feasibility	1951	TBD	-	622
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,374
6914 Installation	11.74	Closed	1948	Sep-2015 A	-	76,599
6921 Dowden & Kershaw	0.01	5-Close-Out	N/A	Apr-2018 A	2	681
85 ⁽⁹⁾⁽¹³⁾	61.07	2-Preliminary Design	1931	TBD	-	-
85 South Newhall	0.17	Closed	1930	Dec-2014 A	1	8,919
Storage - Goleta	0.29	3-Detailed Design & Procurement	1944	Apr-2019	49	1,682
Total SoCalGas Active Pipeline Projects⁽¹⁷⁾⁽¹⁹⁾					8,388	1,017,779

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾⁽²⁰⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage ⁽¹⁵⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽¹⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁴⁾ (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)						
49-14	0.03	Closed	1959	Sep-2014 A	-	4,079
49-22 ⁽¹⁰⁾	4.05	Closed	1951	Apr-2014 A	-	4,057
49-32 (REPL)	0.09	Closed	1950	Jun-2014 A	3	4,218
Future Filing						
49-11	0.96	Closed	1969	Jun-2015 A	-	6,667
49-13	3.18	Closed	1959	Jul-2015 A	4	20,897
49-15 (REPL)	2.79	5-Close-Out	1950	Nov-2015 A	(2)	32,863
49-15 Transmission	0.98	Closed	1950	Nov-2015 A	-	7,852
49-16 Pipeline	0.99	5-Close-Out	1948	Mar-2015 A	53	25,477
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018 A	168	6,918
49-16 Gate Station	0.03	3-Detailed Design & Procurement	1955	Oct-2018	(19)	1,562
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	4	59,950
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	10	28,399
49-25	1.74	Closed	1960	Aug-2014 A	-	22,258
49-26	3.46	5-Close-Out	1958	Oct-2014 A	35	30,191
49-28	2.60	5-Close-Out	1932	Sep-2014 A	17	39,327
49-32-L	0.20	5-Close-Out	1965	Aug-2016 A	(19)	4,932
Line 1600						
1600 South					-	444
1600 ⁽⁹⁾⁽¹³⁾	49.89	2-Preliminary Design	1949	TBD	268	25,660
Total SDG&E Active Pipeline Projects⁽¹⁸⁾⁽¹⁹⁾					521	325,751

Tables 1 and 2 - Project Footnotes:

- (1) The mileage column was renamed "PSEP Current Mileage," formerly labeled "PSEP Mileage as filed," and updated to reflect the current reporting month's mileage. The mileage reported is the sum of test, replacement, and abandonment miles (except for extensive incidental abandonment). The mileage is subject to change based on various factors including, but not limited to, engineering drawings, construction, and closeout. Numbers may not add exactly due to rounding.
- (2) Project Lifecycle Stage represents the five stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, and Stage 5 Close-out.
- (3) The "A" at the end of the date represents that construction has begun.
- (4) Project 2000-C, D & E currently includes cost for Sections C, D & E. Sections C & D are part of Forecast Application and Section E is part of 2019 GRC. In the future, the cost will be split.
- (5) Decision (D.)18-06-028 denies the Pipeline Safety and Reliability Project (PSRP) Application A.15-09-013, but requires a test or replace plan for Line 1600 and to include the status of Line 1600 in this report. See D.18-06-028, mimeo., at 129 (Ordering Paragraph No. 8). In compliance with D.18-06-028, SDG&E and SoCalGas submitted its Line 1600 Test or Replacement Plan to SED on September 26, 2018.
- (6) This line has been split into individual projects. The line still holds some actual costs which will be transferred to projects in future.
- (7) This project was filed in 2019 GRC as a 4th Year project (2022).
- (8) All the costs for project 225 North are captured under project 225-P2-01. In the future, the cost will be split.
- (9) All the costs for project 85 are captured under project 85 Elk Hills to Lake Station. In the future, the cost will be split. Note: 85 South Newhall is a different project.
- (10) The scope for this project is abandonment only.
- (11) The scope for this project is de-rate only.
- (12) The scope for this project is combination of abandonment and de-rate.
- (13) TBD - Information will be updated in the future.
- (14) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.
- (15) This Report reflects a revised methodology for reporting pipeline vintage. In previous Reports, predominate pipeline vintage was reported based on the predominate vintage of the entire pipeline. Beginning with this Report and going forward, predominate vintage is reported based on the predominate vintage of the pipeline segment to be addressed by the reported pipeline project.
- (16) This report incorporates minor immaterial adjustments to the construction start dates for four completed projects (Line 2000A, Playa del Rey Phase 1&2, 36-37, and 36-1002) to align with project records.
- (17) The difference of approximately \$7.5MM from the August 2018 to September 2018 project-to-date costs is due to various adjustments as described in footnote 19.
- (18) The difference of approximately \$3.6MM from the August 2018 to September 2018 project-to-date costs is due to various adjustments as described in footnote 19.
- (19) Updates were made to the total direct Project-to-Date costs for SoCalGas O&M projects, SDG&E O&M projects, and SDG&E Capital projects to include disallowance costs. Previously, the disallowance costs were not reflected in the costs reported for those types of projects.
- (20) Previous mileage reported did not include abandonment mileage of test and replacement projects. In this Report, the mileage data has been updated to include abandonment mileage for all projects. In addition, minor mileage adjustments are incorporated in the reporting for some projects to align with pipeline records.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Line 119 North-P2-01	-	20
Line 169	-	-
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	-	29
Line 235 East	-	-
Line 247	-	18
Line 2000-Bridge	-	(7)
Line 2000-0.18-BO Crossover Piping	-	(3)
Line 2001 East	-	106
Line 30-02	-	-
Line 30-02-U	-	-
Line 30-09-A	-	-
Line 30-32	-	-
Line 30-6200	-	-
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-
Line 30-6799BR1	-	-
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 36-7-04	-	-
Line 36-1006	-	1
Line 36-6588	-	-
Line 36-8-01	-	-
Line 36-8-01-C	-	-
Line 36-8-06	-	-
Line 36-9-06	-	4
Line 36-9-06-A	-	-
Line 36-9-09 North Section 2A	-	-
Line 36-9-21BR1	-	-
Line 37-04	-	-
Line 37-18 J	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-116-1-P2-01	-	27
Line 38-351	-	-
Line 38-508	-	-
Line 38-516	-	5
Line 38-523	-	55
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 317	-	-
Line 3000-261.73-BO	-	-
Line 3000-261.73-BR	-	-
Line 41-04-I	-	8
Line 41-05	-	4
Line 41-05-A	-	-

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of September 2018

Table 3 - SoCalGas Pipeline Projects Remediated or Removed (continued)

Pipeline Project	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Line 41-17-A2	-	4
Line 41-17-F	-	(1)
Line 41-17-FST1	-	-
Line 41-19	-	-
Line 41-25	-	1
Line 41-25-A	-	-
Line 41-30	-	37
Line 41-35-1-KST2	-	-
Line 41-55	-	-
Line 41-80	-	41
Line 41-83	-	-
Line 41-84	-	-
Line 41-84-A	-	-
Line 41-90	-	-
Line 41-101	-	-
Line 41-116BP1	-	-
Line 41-117	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-181	-	28
Line 41-201	-	-
Line 41-207BR1	-	-
Line 41-198	-	-
Line 41-199	-	-
Line 41-6045	-	52
Line 41-6501	-	-
Line 42-12	-	-
Line 42-46	-	-
Line 42-46-F	-	-
Line 42-57	-	-
Line 43-1106	-	-
Line 43-34	-	-
Line 44-719	-	1
Line 44-1008 Section 2B	-	1,336
Line 45-163	-	1
Line 408XO1	-	-
Line 4000	-	-
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed ⁽²⁾⁽³⁾	-	1,808

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Line 49-18	-	-
Line 49-19	-	-
Line 49-27	-	-
Line 49-32 ^(Test)	-	-
Total SDG&E Pipeline Projects Remediated or Removed	-	-

Tables 3 and 4 - Project Footnotes:

(1) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

(2) The difference of approximately \$16K from the August 2018 to September 2018 project-to-date costs is due to various adjustments as described in footnote 3.

(3) Updates were made to the total direct Project-to-Date costs for SoCalGas O&M projects, SDG&E O&M projects, and SDG&E Capital projects to include disallowance costs. Previously, the disallowance costs were not reflected in the costs reported for those types of projects.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of September 2018

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽⁶⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁶⁾ (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)					
235-335 Palmdale	6	Closed	Jun-2014 A	-	6,771
Arrow & Haven	1	Closed	May-2014 A	-	965
Bain Street Station	2	Closed	Dec-2013 A	-	883
Brea Station-1013	1	Closed	Oct-2014 A	-	240
Chino Station	5	Closed	Dec-2013 A	-	997
Haskell Station	2	Closed	Jan-2014 A	-	698
Moreno Large	1	Closed	Jan-2014 A	-	505
Moreno Small	2	Closed	Jan-2014 A	-	710
Pixley Station	3	Closed	Nov-2014 A	-	1,339
Prado Station	5	Closed	Jan-2014 A	-	1,207
Puente Station	2	Closed	Jan-2014 A	-	16
Santa Fe Springs	3	Closed	Mar-2014 A	-	723
SGV	3	Closed	Feb-2015 A	-	5,051
Victoria Station	4	Closed	Dec-2014 A	-	1,533
Whitewater Station	3	Closed	Mar-2014 A	-	702
2019 GRC Application (A.17-10-008)					
V-L115-P1B-Herron	3	2-Preliminary Design	Apr-2019	25	263
V-L115-P1B-Pierce	3	2-Preliminary Design	Jun-2019	64	335
V-L115-P1B-Randall	3	2-Preliminary Design	May-2019	50	269
V-L1004-P1B-Ortega Hill	1	2-Preliminary Design	Mar-2020	2	133
V-L1017-P1B-Bristol	2	2-Preliminary Design	Oct-2019	2	52
V-L225 Honor Ranch-P1B-Castaic	1	2-Preliminary Design	Mar-2019	-	177
V-L225 Forest Service-P1B-Forest Inn Road	1	1-Initiation & Feasibility	Apr-2020	1	2
V-L225 Forest Service-P1B-Old Ridge Route	1	1-Initiation & Feasibility	May-2020	-	1
V-L235-P1B-Black Canyon	0	1-Initiation & Feasibility	Apr-2020	7	64
235-335 West Bundle-P1B ⁽⁵⁾				-	103
V-235-335 West-P1B-Agua Dulce Canyon	3	2-Preliminary Design	Jun-2019	13	88
V-235-335 West-P1B-Shannon Valley	1	2-Preliminary Design	Jun-2020	3	4
V-235-335 West-P1B-Tick Canyon	2	2-Preliminary Design	Mar-2020	2	3
V-L235-P1B-Bristol Mtn	0	1-Initiation & Feasibility	Jun-2020	8	61
V-L235-P1B-Crucero Rd	0	1-Initiation & Feasibility	Jul-2020	2	40
V-L235-P1B-Fernner	0	1-Initiation & Feasibility	Mar-2020	15	78
V-L235-P1B-Hwy 247	0	1-Initiation & Feasibility	Mar-2020	1	24
V-L235-P1B-Kelso Dunes	0	1-Initiation & Feasibility	May-2020	8	65
V-L235-P1B-Mtn Springs	0	1-Initiation & Feasibility	Feb-2020	5	85
V-L235-P1B-Oro Mtn	0	1-Initiation & Feasibility	Sep-2020	4	31
V-L235-P1B-Pisgah Rd	0	1-Initiation & Feasibility	Aug-2020	1	27
V-L235-P1B-Sacramento Mtn	0	1-Initiation & Feasibility	Jan-2020	13	76
V-L235-P1B-Stoddard Wells Rd	1	1-Initiation & Feasibility	Oct-2020	1	22
V-SL32-21-GRC-Alhambra Stn	2	2-Preliminary Design	Sep-2019	(2)	27
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	16	33
V-SL32-21-GRC-Crosby St	1	2-Preliminary Design	May-2020	24	40
V-SL33-120-P1B ⁽⁵⁾	1	TBD	May-2020	-	28
L324 Bundle-P1B ⁽⁵⁾				-	79
V-L324-P1B-Center Road Station	3	1-Initiation & Feasibility	Oct-2019	4	15
V-L324-P1B-Happy Camp	1	1-Initiation & Feasibility	Mar-2020	2	24
V-L324-P1B-Rice Road	1	1-Initiation & Feasibility	Jul-2020	8	71
V-L324-P1B-Sence Ranch	1	1-Initiation & Feasibility	Jul-2020	5	27
V-L324-P1B-Torrey Mountain	0	2-Preliminary Design	Aug-2019	10	70
V-L324-P1B-Windy Gap & Salt Creek	1	2-Preliminary Design	May-2020	6	66
V-L3000-P1B-Bagdad	0	1-Initiation & Feasibility	Jul-2020	3	66
V-L3000-P1B-Black Ridge	0	1-Initiation & Feasibility	Aug-2020	4	58
V-L3000-P1B-Eagle Peak	0	1-Initiation & Feasibility	Jan-2020	10	102
V-L3000-P1B-Kelbaker	0	1-Initiation & Feasibility	Jun-2020	1	34
V-L3000-P1B-Marble Mtn	0	1-Initiation & Feasibility	May-2020	4	59
V-L3000-P1B-Mercury Mtn	0	1-Initiation & Feasibility	Mar-2020	1	47
V-L3000-P1B-Piute	0	1-Initiation & Feasibility	Feb-2020	4	56
V-L3000-P1B-Route 66	0	1-Initiation & Feasibility	Apr-2020	4	54
43-121-P1B	2	2-Preliminary Design	Feb-2020	-	689
407 Sullivan Canyon-P1B	2	3-Detailed Design & Procurement	Sep-2019	31	958
V-L4000-P1B-Camp Rock Rd	1	2-Preliminary Design	Feb-2019	11	198
V-L4000-P1B-Powerline Rd	1	2-Preliminary Design	Jan-2019	12	194
V-L6906-GRC-Arrow Route Stn ⁽⁴⁾	TBD	TBD	TBD	-	-
V-L6906-GRC-Merrill Ave ⁽⁴⁾	TBD	TBD	TBD	-	-
V-L6906-GRC-Mill Rd ⁽⁴⁾	TBD	TBD	TBD	-	-
V-L765-P1B-Abbot & Atlantic	1	2-Preliminary Design	Jun-2019	2	58
V-L765-P1B-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	May-2019	1	48
V-L765-P1B-Farragut & Anaheim	1	1-Initiation & Feasibility	Aug-2019	3	51
V-L765-P1B-Linsley & Atlantic	1	2-Preliminary Design	Jun-2019	12	81
V-L85-P1B-Ed Pump	1	1-Initiation & Feasibility	Apr-2019	3	17
V-L85-P1B-Rising Canyon Rd	1	1-Initiation & Feasibility	Aug-2019	5	14
V-L85-P1B-Twisselman Rd	0	1-Initiation & Feasibility	Jul-2019	5	14
V-L800-P1B-Kettleman Nevada	0	2-Preliminary Design	Dec-2019	5	28

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of September 2018

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽⁶⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁶⁾ (in \$1,000)
V-L800-P1B-Murphy Ranch Rd	0	2-Preliminary Design	Dec-2019	7	14
V-L800-P1B-Lemoore Junction	2	2-Preliminary Design	Feb-2020	26	37
L8109 Bundle-P1B ⁽⁵⁾				-	2
V-L8109-GRC-Apache Canyon ⁽⁴⁾	0	TBD	Jul-2020	8	25
V-L8109-GRC-Arundell ⁽⁴⁾	1	TBD	Jan-2021	1	15
V-L8109-GRC-Casita Springs ⁽⁴⁾	1	TBD	Nov-2020	1	15
V-L8109-GRC-Cuyama Meter Stn ⁽⁴⁾	1	TBD	Aug-2020	9	72
V-L8109-GRC-Hall Canyon ⁽⁴⁾	1	TBD	Oct-2020	11	27
V-L8109-GRC-Live Oaks ⁽⁴⁾	1	TBD	Sep-2020	1	32
V-L8109-GRC-Sheep Camp ⁽⁴⁾	1	TBD	Jan-2021	1	16
V-Adelanto-P1B-Stoddard Wells	1	2-Preliminary Design	Mar-2019	54	208
V-Aviation-P1B-190th & Green	3	1-Initiation & Feasibility	Jun-2019	(60)	225
Blythe Station 2	0	3-Detailed Design & Procurement	May-2019	3	446
V-Blythe-P1B-Chuckawalla ⁽⁴⁾	0	TBD	Dec-2020	1	11
V-Blythe-P1B-Desert Center Station ⁽⁴⁾	0	TBD	Nov-2020	1	12
V-Blythe-P1B-Ford Dry Lake ⁽⁴⁾	0	TBD	Jul-2020	-	11
V-Blythe-P1B-Hayfield Station ⁽⁴⁾	0	TBD	Aug-2020	-	8
V-Blythe-P1B-Shavers Summit ⁽⁴⁾	0	TBD	Oct-2020	1	11
V-Brea-P1B-Lincoln	1	2-Preliminary Design	Jan-2019	8	401
V-Brea-P1B-Placentia	4	1-Initiation & Feasibility	Jan-2019	2	159
Burbank & Lindley-P1B	3	2-Preliminary Design	Apr-2020	19	172
V-Burbank-P1B-Valleyheart & Noble	3	2-Preliminary Design	Mar-2020	10	80
V-Burbank-P1B-Verdugo & Reese	3	2-Preliminary Design	Apr-2019	20	211
Cabazon-P1B	3	1-Initiation & Feasibility	Jan-2021	-	12
V-Carpinteria-P1B-Conoco	1	2-Preliminary Design	Aug-2019	13	324
Chestnut & Grand-P1B ⁽⁴⁾	4	TBD	Sep-2019	3	107
Del Amo / Wilmington-P1B	1	2-Preliminary Design	Sep-2019	2	369
V-El Segundo-P1B-Scattergood	4	3-Detailed Design & Procurement	Oct-2019	6	1,358
Glendale Bundle-P1B ⁽⁵⁾				-	127
V-Glendale-P1B-Adams	3	2-Preliminary Design	Apr-2019	16	134
V-Glendale-P1B-Glenoaks	2	2-Preliminary Design	Jun-2019	3	110
V-Glendale-P1B-Avenue 59	3	1-Initiation & Feasibility	Mar-2019	4	133
V-Goleta-P1B-Santa Rosa Rd Buellton	1	2-Preliminary Design	Apr-2019	14	201
V-Goleta-P1B-Farner Rd	1	2-Preliminary Design	Nov-2019	37	207
V-Goleta-P1B-Gaviota St Park	1	2-Preliminary Design	May-2019	17	472
V-Goleta-P1B-POPCO	1	2-Preliminary Design	Oct-2019	6	135
Haskell Station FM-P1B	1	1-Initiation & Feasibility	Mar-2020	1	15
Pico-P1B	3	2-Preliminary Design	Jan-2020	1	265
V-Santa Barbara-P1B-Cabrillo Bl	1	2-Preliminary Design	Aug-2020	2	47
V-Santa Barbara-P1B-Grove Ln	1	2-Preliminary Design	Apr-2019	9	158
V-SB County-P1B-Park Ln	1	3-Detailed Design & Procurement	Mar-2019	9	594
V-SB County-P1B-Parsons	1	3-Detailed Design & Procurement	Mar-2019	10	503
V-SFV Olympic-GRC-Yarmouth Ave ⁽⁴⁾	2	TBD	Apr-2020	-	101
V-SFV Olympic-GRC-Chatsworth St ⁽⁴⁾	1	TBD	May-2020	-	-
V-SFV Olympic-GRC-Killion St ⁽⁴⁾	1	TBD	Jun-2020	-	-
V-SFV Olympic-GRC-White Oak Ave ⁽⁴⁾	1	TBD	Jul-2020	-	-
V-SFV Bundle Valencia ⁽⁵⁾				1	30
V-SFV Valencia-P1B-Encino and San Jose ⁽⁴⁾	1	TBD	Oct-2020	-	-
V-SFV Valencia-P1B-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	5	97
V-SFV Valencia-P1B-San Fernando Mission	1	1-Initiation & Feasibility	Apr-2020	2	108
V-SFV Valencia-P1B-Eternal Valley ⁽⁴⁾	2	TBD	Sep-2021	2	64
V-SFV Valencia-P1B-Wilbur	1	1-Initiation & Feasibility	Oct-2020	3	66
V-SFV Valencia-P1B-Woodley and Rinaldi ⁽⁴⁾	1	TBD	Oct-2020	6	67
Ventura Station Bundle-P1B ⁽⁴⁾	6	TBD	Jun-2019	7	28
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms	1	2-Preliminary Design	Jun-2019	4	132
Future Filing					
L1014 Brea	6	Closed	Nov-2015 A	-	6,421
L1014 Olympic	6	5-Close-Out	Feb-2016 A	7	6,717
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	-	561
V-L1017-P1B-Dyer	1	3-Detailed Design & Procurement	Jan-2019	9	884
V-L1018-P1B-Alipaz	1	4-Construction	May-2018 A	(2)	1,166
V-L1018-P1B-Avery	1	5-Close-Out	Feb-2018 A	12	1,034
V-L1018-P1B-Burt Bdl	2	4-Construction	Jul-2017 A	4	2,224
V-L1018-P1B-Camino Capistrano	1	4-Construction	Sep-2018 A	152	790
V-L1018-P1B-El Toro	1	3-Detailed Design & Procurement	Nov-2018	117	603
V-L1018-P1B-Harvard	3	4-Construction	Jul-2018 A	12	1,563
L 1020	1	Closed	Mar-2015 A	1	1,397
V-29 Palms-P1B-Indian Canyon	1	4-Construction	Oct-2017 A	1	1,092
V-29 Palms-P1B-Mohawk Trail	1	5-Close-Out	Feb-2018 A	5	753
V-29 Palms-P1B-Sunburst St	1	5-Close-Out	May-2018 A	7	1,260
V-29 Palms-P1B-Utah Trail	1	4-Construction	Jan-2018 A	1	1,095
L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,283
V-L225-P1B-Beartrap	1	5-Close-Out	May-2017 A	2	1,136

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of September 2018

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽⁶⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁶⁾ (in \$1,000)
V-L225-P1B-Quail Canal	1	5-Close-Out	Jun-2017 A	1	1,106
235-335 East	2	Closed	Oct-2016 A	5	3,436
L2000 Beaumont 2015	3	Closed	Aug-2015 A	-	2,372
L2000 Beaumont 2016	4	4-Construction	Jun-2017 A	37	4,108
2001W Seg 10-11	1	Closed	Jan-2017 A	1	1,385
L2003 East	7	Closed	Sep-2015 A	2	3,912
L2003 West	6	Closed	Oct-2015 A	1	3,441
SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	6	784
404 Ventura	4	Closed	Feb-2016 A	-	3,864
404-406 Valley	8	5-Close-Out	Sep-2015 A	14	9,086
404-406 Ventura 2016 Bundle	2	5-Close-Out	Oct-2016 A	-	856
V-404-406 Vent. 2016 P1B Somis Yard	1	5-Close-Out	May-2018 A	(49)	1,017
406 Ventura	5	Closed	Nov-2015 A	-	3,249
L4000 MP 45.36	1	Closed	Sep-2016 A	-	1,224
L4000 MP 53.00	3	Closed	May-2015 A	-	1,184
L4000 MP 69.00 MLV-P1B	1	3-Detailed Design & Procurement	Apr-2019	11	914
L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,137
V-L4000-P1B-Desert View Rd	1	3-Detailed Design & Procurement	Oct-2018	4	275
V-L4000-P1B-Devore Stn	2	4-Construction	Sep-2018 A	20	311
L6916-P1B	3	Closed	Nov-2016 A	-	2,434
Valve - L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,518
V-L7000-P1B-Melcher & Elmo	3	4-Construction	Jun-2018 A	362	2,688
V-L7000-P1B-Beech & HWY 46	1	5-Close-Out	Mar-2018 A	26	2,886
V-L7000-P1B-Rd 68 & Ave 232	1	5-Close-Out	Jan-2018 A	13	1,739
V-L7000-P1B-Rd 96 & Ave 198	1	5-Close-Out	Oct-2017 A	12	1,889
V-L7000-P1B-Visalia Stn	2	5-Close-Out	Jul-2018 A	25	294
V-Adelanto-P1B-MLV4	1	5-Close-Out	Dec-2017 A	2	580
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	Jan-2019	16	213
Apple Valley-P1B	1	5-Close-Out	May-2018 A	33	1,259
V-Apple Valley-P1B-MLV13	0	5-Close-Out	Nov-2017 A	19	294
Alhambra Station	3	Closed	Apr-2015 A	-	3,132
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	May-2016 A	1	6,587
V- Aviation-P1B-Aviation and 104th	5	5-Close-Out	Apr-2017 A	16	8,082
Banning 2001	3	Closed	Apr-2016 A	-	1,148
V-Banning-2001-P1B-MLV16A	1	5-Close-Out	Oct-2017 A	22	1,031
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	3	1,088
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	30	1,430
Banning 5000	2	Closed	Oct-2015 A	-	2,139
Banning Airport	2	Closed	Apr-2015 A	-	990
Blythe (Cactus City)-P1B	1	4-Construction	Jul-2018 A	24	1,001
Brea Hacienda Bundle-P1B				-	168
V-Brea-P1B-Atwood Stn	3	5-Close-Out	Jul-2017 A	3	782
V-Brea-P1B-Azusa Ave	0	4-Construction	Mar-2018 A	3	337
V-Brea-P1B-Beach	1	2-Preliminary Design	Dec-2018	70	282
V-Brea-P1B-Brea Canyon	2	5-Close-Out	Oct-2017 A	8	1,133
V-Brea-P1B-Carbon Canyon	0	5-Close-Out	Sep-2017 A	9	380
V-Burbank-P1B-Riverside & Agnes	1	3-Detailed Design & Procurement	Oct-2018	12	183
V-Carpinteria-P1B-Oxy-Rincon	1	5-Close-Out	Apr-2018 A	18	1,006
Del Amo Station-P1B	3	4-Construction	Jan-2018 A	13	1,088
El Segundo	2	Closed	Apr-2015 A	-	6,619
Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,112
Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,339
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	(1,557)	1,494
V-Fontana 4002-P1B-Etiwand & 4th	1	5-Close-Out	Apr-2017 A	6	1,308
V-Glendale-P1B-Monterey	1	5-Close-Out	Feb-2018 A	5	409
Haynes Station	3	Closed	Nov-2016 A	-	1,422
Honor Ranch - L225	4	Closed	May-2016 A	16	1,205
Indio 2014	4	Closed	May-2015 A	-	2,461
Indio 2016-P1B	2	5-Close-Out	Aug-2017 A	5	1,081
V-Indio-2016-P1B-MLV10s	3	5-Close-Out	Oct-2017 A	19	1,563
V-Indio-2016-P1B-MLV8s	3	5-Close-Out	Jan-2018 A	15	1,544
Lampson	4	5-Close-Out	Apr-2015 A	1	8,262
New Desert	7	Closed	Oct-2014 A	1	9,261
Newhall Station	7	Closed	Jan-2015 A	-	13,623
Orange	3	Closed	Apr-2015 A	-	4,718
Palowalla-P1B	3	4-Construction	Feb-2018 A	561	4,738
Questar Taps	6	Closed	Sep-2015 A	-	1,608
Rainbow	10	Closed	May-2016 A	13	4,425
Riverside 2001	5	Closed	Oct-2015 A	-	2,111
Rainbow 2017	2	4-Construction	Jul-2018 A	220	1,001
V-Rainbow CV-P1B ⁽⁵⁾				4	152
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018	36	366
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	5-Close-Out	Aug-2018	26	131

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of September 2018

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽⁶⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁶⁾ (in \$1,000)
V-Rainbow CV-P1B-Ramona & Lakeview	2	5-Close-Out	Jul-2018 A	115	393
V-Rainbow CV-P1B-Scott & El Centro ⁽⁷⁾	2	5-Close-Out	Sep-2018 A	153	262
V-Rainbow-P1B-MLV5	3	3-Detailed Design & Procurement	Oct-2018	20	139
Santa Barbara - 1005	1	Closed	Mar-2015 A	-	416
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	175	1,382
Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	886
Spence Station-P1B	2	4-Construction	Dec-2017 A	2	1,103
Taft-P1B ⁽⁵⁾				(36)	-
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	11	1,132
V-Taft-P1B-7th Standard	1	5-Close-Out	Sep-2017 A	11	1,202
V-Taft-P1B-Hageman & Runfro	2	3-Detailed Design & Procurement	Dec-2018	121	916
V-Taft-P1B-Sycamore	1	5-Close-Out	Aug-2017 A	12	1,126
V-Victorville COMMS-P1B-MLV11	1	3-Detailed Design & Procurement	Nov-2018	3	237
V-Victorville COMMS-P1B-MLV12	1	5-Close-Out	Nov-2017 A	6	535
V-Wilmington-P1B Lecouver Ave & F St	3	3-Detailed Design & Procurement	Oct-2018	6	184
V-Wilmington-P1B Eubank Stn	2	4-Construction	Mar-2018 A	4	490
Western/Del Rey Bundle-P1B ⁽⁵⁾				-	5
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	5-Close-Out	Nov-2017 A	6	403
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	2-Preliminary Design	Dec-2018	7	83
Yorba Station-P1B ⁽⁴⁾	0	TBD	Jan-2022	-	13
Total SoCalGas Active Valve Projects				1,833	241,104

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	September 2018 Actuals ⁽⁶⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁶⁾ (in \$1,000)
Future Filing					
1600 Bundle	0	Closed	Dec-2014 A	129	456
1601 Ultrason	0	4-Construction	Apr-2018 A	21	149
3010 Bundle	0	Closed	Dec-2014 A	-	218
3100 and 2010 FM	2	Closed	Oct-2016 A	-	238
3600 Bundle	12	Closed	Mar-2015 A	-	4,399
49-11 & 49-27	1	5-Close-Out	Sep-2016 A	5	1,570
49-16 RCV	4	5-Close-Out	Aug-2017 A	(36)	1,834
49-18 MVH	1	5-Close-Out	Oct-2017 A	14	438
49-23	3	4-Construction	Sep-2018 A	95	451
49-28	1	Closed	Oct-2016 A	8	1,505
49-32-L RCV	1	5-Close-Out	Aug-2016 A	1	1,864
Total SDG&E Active Valve Projects				237	13,122

Tables 1 and 2 - Project 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) Project Lifecycle Stage represents the five stages of a valve project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, and Stage 5 Close-out.
- (3) The "A" at the end of the date represents that construction has begun.
- (4) New valve project currently being initiated. TBD represent that the Project scope, stage, and/or construction start date information will be available at a later date.
- (5) This valve has been broken up into separate projects for cost and schedule progress reporting purposes. Part of the project requires separate planning and execution due to location, permitting, and/or constructability.
- (6) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.
- (7) The Rainbow CV-P1B-Scott & El Centro project had a short construction duration, thus the project moved from Stage 3 in the August 2018 report to Stage 5 in the September 2018.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of September 2018

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
V-L115-P1B-Walnut	-	142
235-198.20	-	0
L247 Goleta-P1B	(1)	38
L2002-P1B	-	5
V-L37-18F	-	-
L4002 MP 67.00 MLV	-	361
L4002 MP 72.70-P1B	-	-
L4002 MP 86.44-FM-P1B	-	-
V-L4000-P1B-Cajon Junction	-	62
V-L765-P1B-Mission & Workman	-	-
V-L765-P1B-Fairmont & Faircourt	-	-
L85 Templin Highway MP 137.99-P1B	-	90
Blythe COMMs-P1B	-	-
V-Goleta-P1B-More Ranch Rd	-	122
Lampson Check Valves-P1B	1	15
Los Alamitos	(206)	-
Needles COMMs-P1B	-	19
Quigley Station	-	82
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
Total SoCalGas Valve Projects Remediated or Removed	(206)	936

Tables 3 - Project Footnotes:

(1) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix C - SoCalGas/SDG&E Records Review and Interim Safety Measure Costs as of September 2018

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Leak Survey and Pipeline Patrol	-	684
Records Review	-	14,707
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SoCalGas Records Review and Interim Safety Measure Costs	-	16,035

Table 2 - SDG&E Records Review and Interim Safety Measure Costs

Cost Type	September 2018 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Leak Survey and Pipeline Patrol	-	70
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
Total SDG&E Records Review and Interim Safety Measure Costs	-	1,172

Tables 1 and 2 - Footnotes:

(1) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for September 2018

Appendix D - SoCalGas/SDG&E PSEP Total Project Cost Summary as of September 2018

Table 1 - SoCalGas Cost Summary

Cost Type	September 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Total Pipeline Project Costs	8,388	1,019,587
Active Pipeline Projects ^{A-K}	8,388	1,017,779
Remediated or Removed Pipeline Projects	-	1,808
Total Valve Project Costs	1,627	242,040
Active Valve Projects ^{A-C, F-K}	1,833	241,104
Remediated or Removed Valve Projects	(206)	936
Total Records Review and Interim Safety Measure Costs^{A-E}	-	16,035
Total Pipeline and Valve Other Costs	246	20,987
Methane Detectors	62	720
Communications ⁽¹⁾	-	(27.18)
Construction ⁽¹⁾	-	1,085
Engineering ⁽¹⁾	-	251
Training ⁽¹⁾	17	330
Gas Control ⁽¹⁾	-	1
Environmental ⁽¹⁾	-	2
Supply Management ⁽¹⁾	-	2,025
General Administration ⁽¹⁾	215	16,248
Program Management Office ⁽¹⁾	(48)	351
GRAND TOTAL SOCALGAS PSEP PROJECT COST	10,261	1,298,649

Table 2 - SDG&E Cost Summary

Cost Type	September 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Total Pipeline Projects	521	325,751
Active Pipeline Projects ^{A-K}	521	325,751
Remediated or Removed Pipeline Projects	-	-
Total Valve Projects	237	13,122
Active Valve Projects ^{A-C, F-K}	237	13,122
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,172
Other Costs	207	3,171
Methane Detectors	-	104
Communications ⁽¹⁾	3	6
Construction ⁽¹⁾	-	-
Engineering ⁽¹⁾	2	47
Training ⁽¹⁾	-	-
Gas Control ⁽¹⁾	-	-
Environmental ⁽¹⁾	-	30
Supply Management ⁽¹⁾	178	2,046
General Administration ⁽¹⁾	23	940
Program Management Office ⁽¹⁾	-	(2)
GRAND TOTAL SDG&E PSEP PROJECT COST	964	343,216

Tables 1 and 2 - Project Footnotes:

(1) 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.

Table 1 and 2 - Overall Financial Notes:

(A) Costs reflect actuals for the month of September 2018 and project-to-date costs from May 2012 to September 2018.

(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. Costs recovery will include indirects and applicable loaders.

(D) As of September 2018, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$7,381,961 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 \$39.3 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased 2018 from the August 2018 to September 2018 report because amortization exceeds interest for the current month.

(E) As of September 2018, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$515 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).

(F) As of September 2018, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$56,433,298 which includes balancing account interest and reflects approximately \$77.3 million of amortization revenues to-date. The overall SoCalGas SEEBBA balance has decreased from the August 2018 to September 2018 report because amortization exceeds the recorded costs and interest for the current month.

(G) 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 SEEBBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of September 2018, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$4,736,792 which includes balancing account interest and approximately \$5.2 million of amortization revenues to-date.

(I) As of September 2018, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$216,277,411 which includes balancing account interest and reflects approximately \$70.9 million of amortization revenues to-date.

(J) As of September 2018, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$58,230,382 which includes balancing account interest and approximately \$14.4 million of amortization revenues to-date.

(K) As of September 2018, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$8,392,878 which includes balancing account interest.