

June 2019 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 implemented.¹ Attached is the update for June 2019.

II. Current Project Status

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

Pipelines (Appendix A):

- New construction activity began on two pipeline projects (Stage 4)
 - 36-37-P1B-11A (Ventura)
 - 36-37-P1B-11C (Ventura)
- 8 pipeline projects are in construction (Stage 4)
- 17 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- New construction activity began on three valve projects (Stage 4)
 - V-SL32-21-GRC-Alhambra Stn (Alhambra)
 - V-L3000-GRC-Piute (Needles, San Bernardino)
 - V-L4000 MP 69.00 MLV-P1B (San Bernardino)
- 11 valve projects are in construction (Stage 4)
- 38 valve projects are in close-out (Stage 5)

III. Costs

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

IV. Attachments

- Appendix A – *SoCalGas/SDG&E PSEP - Pipeline Projects 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 at 7 and 12 (Ordering Paragraph 4).

V. **Notes**

- **Appendix A SoCalGas Active Pipeline Projects Table 1, Footnote 15:**

The following projects have been renamed:

- Project 1030-P2-01 has been renamed, “1030-P2-HYDRO.”
- Project 2001E-P2-01 has been renamed, “2001E-P2-BLYTHE REPL.”
- Project 2001E-P2-02 has been renamed, “2001E-P2-BLYTHE.”
- Project 2005-P2-01 has been renamed, “2005-P2-Hydrotest.”
- Project 5000-P2-01 has been renamed, “5000-P2-BLYTHE REPL.”

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
PSRMA Application (A.14-12-016)						
2000-A	15.29	Closed	1947	Jul-2013 A	-	26,490
42-66-1&2	0.06	Closed	1947	Oct-2013 A	-	830
Playa Del Rey Phase 1&2	0.13	Closed	1955	Mar-2013 A	-	750
2016 Reasonableness Review Application (A.16-09-005)						
1005	0.03	Closed	1951	Sep-2014 A	-	6,476
1011	0.08	Closed	1947	Jul-2014 A	-	2,657
1013	0.03	Closed	1956	Jul-2014 A	-	2,738
1014	0.00	Closed	1959	Oct-2014 A	-	928
1015	0.41	Closed	1954	Aug-2014 A	-	2,672
235 West	0.03	Closed	1957	Jun-2014 A	-	3,975
235W Sawtooth Canyon	0.32	Closed	1957	Oct-2014 A	-	2,050
2000-West Section 1,2,3	14.57	Closed	1945	Jul-2014 A	-	24,836
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	822
2001 West-B Section 10,11,14	2.94	Closed	1950	Aug-2014 A	-	13,027
2003	0.25	Closed	1953	Aug-2014 A	-	9,716
33-120 Section 2	0.28	Closed	1940	Jun-2014 A	-	7,640
35-20-N	0.01	Closed	1963	Aug-2014 A	-	285
36-1032	0.65	Closed	1928	May-2014 A	-	10,879
36-37	0.01	Closed	1970	Apr-2014 A	-	1,202
36-9-09 North Section 2B	2.15	Closed	1953	Jun-2014 A	-	2,573
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015 A	-	2,809
38-539	2.61	Closed	1949	Oct-2014 A	-	16,911
41-30-A	0.02	Closed	1951	Jul-2014 A	-	484
44-654	0.05	Closed	1957	Jun-2014 A	-	2,068
45-120 Section 1	0.55	Closed	1930	Mar-2014 A	-	6,429
45-120X01	0.01	Closed	1930	Sep-2013 A	-	857
406 Section 1,2,2A,4,5	1.17	Closed	1951	Aug-2014 A	-	10,507
407	3.00	Closed	1951	Mar-2014 A	-	6,974
Playa Del Rey Phase 5	0.27	Closed	1955	Mar-2015 A	-	1,971
2017 Forecast Application (A.17-03-021)						
127-P1B-01	0.00	2-Preliminary Design	1944	Mar-2020	-	304
2000-C, D & E ⁽⁵⁾⁽⁷⁾					337	2,304
2000-C	23.00					
2000-C-P2 ⁽¹⁴⁾	TBD	4-Construction		May-2019 A	899	1,901
2000-C-CHLA-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1947	Jan-2020	3	109
2000-D	14.00					
2000-D-BADL-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1947	Oct-2020	10	150
2000-Moreno Replacement ⁽¹⁴⁾	TBD	3-Detailed Design & Procurement	1947	May-2020	8	130
36-1002-P1B-01 ⁽¹²⁾	16.68	2-Preliminary Design	1928	Aug-2020	73	1,927
36-37-P1B-11A	1.47	4-Construction	1927	Jun-2019 A	2,099	3,710
36-37-P1B-11B	4.71	5-Close-Out	1927	Jul-2018 A	259	36,099
36-37-P1B-11C	1.50	4-Construction	1927	Jun-2019 A	353	1,354
36-37-P1B-12 ⁽¹³⁾	30.92	4-Construction	1927	Feb-2019 A	796	9,388
38-514-P1B-03	1.38	3-Detailed Design & Procurement	1945	Sep-2019	11	1,136
38-556-P2-01	5.57	3-Detailed Design & Procurement	1956	Aug-2019	22	1,568
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	18	13,762
43-121-P1B-01	0.26	3-Detailed Design & Procurement	1930	Jul-2019	43	1,025
45-1001-P1B-01 & 36-1001-P1B-01	1.58	3-Detailed Design & Procurement	1925	Sep-2019	41	1,175
7043-P1B-01	0.00	2-Preliminary Design	1928	Mar-2020	-	149
2018 Reasonableness Review Application (A.18-11-010)						
1004	9.03	Closed	1945	May-2015 A	-	14,026
2000-C	7.59	Closed	1947	Jan-2017 A	(3)	14,024
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	-	9,462
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015 A	-	5,121
2003 Section 2	0.09	Closed	1957	Jul-2015 A	-	2,626
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	-	833
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	2,493
31-09	0.21	Closed	1969	Jul-2015 A	-	2,958
32-21 Section 1	1.56	Closed	1948	May-2015 A	-	10,387
32-21 Section 2	1.60	Closed	1948	Jun-2016 A	-	5,503
32-21 Section 3	2.39	Closed	1948	Sep-2016 A	-	3,858
33-120 Section 3	0.52	Closed	1940	Jun-2017 A	-	7,472
36-1002	0.03	Closed	1928	Jun-2015 A	-	2,036
36-9-09 North Section 1	5.98	Closed	1920	May-2015 A	-	53,882
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014 A	-	27,256
36-9-09 North Section 4					-	3,129
36-9-09 North Section 4A	0.58	Closed	1940	May-2017 A	-	4,659
36-9-09 North Section 4B	0.46	Closed	1940	Sep-2014 A	-	7,222
36-9-09 North Section 5A	1.49	Closed	1960	Feb-2016 A	-	14,289
36-9-09 North Section 7A	1.07	Closed	1932	Sep-2016 A	-	11,680
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	26,158
36-9-09 South ⁽¹¹⁾	1.24	Closed	1951	Apr-2016 A	-	2,349
36-9-09-JJ ⁽¹¹⁾	0.46	Closed	1920	Jun-2016 A	-	1,936
37-07	3.22	Closed	1945	Sep-2014 A	-	31,300
37-18	4.06	Closed	1945	Oct-2014 A	-	50,386
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,617

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
37-18 Section 5	0.23	Closed	1945	Apr-2017 A	-	8,393
38-KWB-P1B-01 ⁽¹¹⁾	15.23	Closed	1939	Oct-2015 A	-	1,893
38-200	0.37	Closed	1945	Apr-2016 A	-	8,589
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	5,395
38-501 Section 2	2.12	Closed	1952	Aug-2016 A	-	17,033
38-504	0.38	Closed	1952	Sep-2016 A	2	5,758
38-512	4.92	Closed	1929	Mar-2015 A	-	32,431
38-512 Section 3	0.04	Closed	1929	Sep-2017 A	-	91
38-514 Section 1	0.09	Closed	1945	May-2016 A	-	2,177
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	-	12,749
38-931	2.41	Closed	1942	Jan-2017 A	-	7,419
41-17 ⁽¹³⁾	2.62	Closed	1955	Sep-2016 A	-	2,758
41-116	0.01	Closed	1957	Oct-2016 A	-	229
43-121 North	1.01	Closed	1930	Aug-2016 A	(134)	16,000
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	470	28,286
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	-	10,994
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,563
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,566
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,685
404 Section 9	0.41	Closed	1944	Jun-2016 A	-	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	-	84,867
85 South Newhall	0.17	Closed	1930	Dec-2014 A	-	9,889
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.77	2-Preliminary Design	1947	May-2020	13	269
1030-P2-HYDRO ⁽⁸⁾⁽¹⁵⁾	25.79	2-Preliminary Design	1955	Feb-2022	16	240
225 North ⁽⁸⁾⁽⁹⁾	8.12	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 ⁽⁷⁾					1	848
235 West Sec 1	24.64	2-Preliminary Design	1957	Jan-2021		
235 West Sec 2	20.35	2-Preliminary Design	1957	Jan-2020		
235 West Sec 3	26.88	2-Preliminary Design	1957	Jan-2020		
2000-E ⁽⁵⁾⁽⁷⁾	8.88	2-Preliminary Design	1947	Sep-2021	2	65
2000-P2-02 ⁽⁷⁾					-	333
2000 Chino Hills	10.41	3-Detailed Design & Procurement	1947	Oct-2019	66	824
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020	37	115
2000-E Cactus City Compressor Sta	0.16	2-Preliminary Design	1947	Apr-2020	6	116
2001E-P2-BLYTHE REPL ⁽⁸⁾⁽¹⁵⁾	0.07	2-Preliminary Design	1953	Apr-2020	11	137
2001E-P2-BLYTHE ⁽⁸⁾⁽¹⁵⁾	27.43	2-Preliminary Design	1954	Nov-2021	7	232
2001W-P2-01 ⁽⁸⁾	5.66	2-Preliminary Design	1953	Mar-2020	10	144
2001 West - C, D & E ⁽⁷⁾					4	1,648
2001 West - C	13.85		1953			
2001WC-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1953	Sep-2019	5	702
2001WC-CHLA-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1947	Mar-2020	1	42
2001 West - D	17.84		1950			
2001W-D-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1950	Mar-2020	4	66
2001W-D-BADL-P2 ⁽¹⁴⁾	TBD	2-Preliminary Design	1950	Feb-2021	3	21
2001 West - E	8.88	2-Preliminary Design	1953	Mar-2021	3	17
2005-P2-Hydrotest ⁽⁸⁾⁽¹⁵⁾	0.28	3-Detailed Design & Procurement	1950	Aug-2020	4	206
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	31	872
36-1032-P1B-12	5.16	2-Preliminary Design	1943	Jul-2020	1,444	2,340
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	24	1,139
36-1032-P1B-14	1.73	2-Preliminary Design	1928	Jan-2021	19	1,015
36-9-09N-P1B-01 ⁽⁷⁾					-	120
36-9-09N-P1B-12	0.88	3-Detailed Design & Procurement	1920	Jul-2019	70	1,725
36-9-09N-P1B-14	1.92	3-Detailed Design & Procurement	1920	Sep-2019	58	1,869
36-9-09N-P1B-15	1.53	3-Detailed Design & Procurement	1920	Oct-2019	482	1,766
36-9-09N-P1B-16	2.02	3-Detailed Design & Procurement	1920	Aug-2019	73	2,881
44-1008-P1B-01 ⁽⁷⁾					746	1,473
44-1008 (50%)	27.43	1-Initiation & Feasibility	1937	Jan-2020		
44-1008 (50%) ⁽⁸⁾	27.43	1-Initiation & Feasibility	1937	Jan-2021		
407-P2-01	3.97	3-Detailed Design & Procurement	1951	Jan-2020	43	600
5000-P2-BLYTHE REPL ⁽⁸⁾⁽¹⁵⁾	0.01	2-Preliminary Design	1953	Mar-2021	5	111
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.03	2-Preliminary Design	1931	Oct-2020	236	7,736
Future Filing						
103-P1B-01 ⁽¹²⁾	9.28	4-Construction	1941	May-2019 A	491	1,021
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2020	(30)	67
133-P2-01 ⁽¹⁴⁾	3.22	1-Initiation & Feasibility	1946	TBD	-	178
173-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1952	TBD	-	6
1004-P1B-01	2.43	2-Preliminary Design	1944	Jul-2020	18	677
1004-P2-01 ⁽¹⁴⁾	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 ⁽¹⁴⁾	12.53	1-Initiation & Feasibility	1951	TBD	-	305
225	3.10	3-Detailed Design & Procurement	1959	Mar-2020	12	1,686

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
225-P2-01 ⁽⁹⁾⁽¹⁴⁾	10.70	1-Initiation & Feasibility	1959	TBD	-	564
225-P2-02 ⁽¹⁴⁾	0.04	1-Initiation & Feasibility	1965	TBD	-	227
225-P2-03 ⁽¹⁴⁾	0.06	1-Initiation & Feasibility	1959	TBD	-	192
235E-P2-01	58.07	1-Initiation & Feasibility	1960	Aug-2020	26	631
235E-P2-02 Hydro	56.35	3-Detailed Design & Procurement	1960	Mar-2021	3	3
235E-P2-KELSO REPL	0.10	3-Detailed Design & Procurement	1960	Sep-2021	6	36
235E-P2-NORTH NEEDLES REPL	0.03	3-Detailed Design & Procurement	1960	Oct-2020	6	18
235E-P2-NEWBERRY SPRINGS REPL	0.05	3-Detailed Design & Procurement	1960	Oct-2020	14	312
257-P2-01 ⁽¹⁴⁾	0.02	TBD	1961	TBD	-	154
2000-D	3.18	5-Close-Out	1947	Sep-2017 A	4	10,530
2000-D Section 7&9 ⁽¹⁴⁾	3.28	TBD	1947	TBD	-	-
2000-P2-01 ⁽¹⁴⁾	0.57	1-Initiation & Feasibility	TBD	Sep-2020	-	-
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Jul-2020	26	1,261
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	1,052	9,126
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	404	5,608
2001W-P2-02 ⁽¹⁴⁾	TBD	TBD	1953	TBD	-	73
2006	0.07	2-Preliminary Design	1953	Sep-2019	24	458
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	2	35,948
31-09-C	1.01	2-Preliminary Design	1968	May-2020	(4)	41
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	(1)	12,670
33-121	0.48	Closed	1955	Jan-2018 A	7	4,588
33-750	0.57	1-Initiation & Feasibility	1946	Jul-2021	31	221
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	-	6,106
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	-	7,746
36-9-09 North Section 5B-01	0.10	3-Detailed Design & Procurement	1932	Jun-2022	-	4
36-9-09 North Section 5B-02	0.20	5-Close-Out	1932	Nov-2018 A	224	5,695
36-9-09 North Section 6B	1.55	Closed	1955	Oct-2017 A	2	15,828
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	8	16,663
38-1102-P1B-01 ⁽¹⁴⁾	0.00	2-Preliminary Design	1963	TBD	4	681
38-100-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1960	TBD	-	222
38-101-P1B-01	9.73	4-Construction	1921	May-2019 A	2,595	6,445
38-143-P1B-01 ⁽¹⁴⁾	4.42	2-Preliminary Design	1935	TBD	-	755
38-362-P2-01 ⁽¹⁴⁾	7.31	1-Initiation & Feasibility	1956	TBD	-	242
38-539-P2-01 ⁽¹⁴⁾	12.57	1-Initiation & Feasibility	1947	TBD	-	291
38-952-P2-01 ⁽¹⁴⁾	9.22	1-Initiation & Feasibility	1950	TBD	-	252
41-6000-2 Abandonment ⁽¹³⁾	27.46	5-Close-Out	1948	Aug-2018 A	186	9,602
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	43	19,245
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A ⁽¹⁴⁾	45.91	TBD	1960	TBD	18	21
3000E-P2A ⁽¹⁴⁾	115.08	TBD	1957	TBD	11	18
41-6001-1-P2A ⁽¹⁴⁾	TBD	TBD	1966	TBD	10	13
43-121N-P1A-02	0.13	Closed	1930	Apr-2017 A	31	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	30	4,798
43-121N-P1A-04	0.77	Closed	1930	Aug-2017 A	79	12,823
44-707-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1969	TBD	-	172
44-729-P2-01 ⁽¹⁴⁾	0.01	1-Initiation & Feasibility	1958	TBD	-	319
45-120 Section 2	3.45	Closed	1930	Sep-2014 A	(564)	92,040
404 Section 4A	0.79	4-Construction	1944	Aug-2018 A	(615)	11,817
404-P2-01 ⁽¹⁴⁾	6.07	1-Initiation & Feasibility	1944	TBD	-	182
404-406 Somis Station	0.14	5-Close-Out	1951	Aug-2018 A	69	8,924
406-P2-01 ⁽¹⁴⁾	13.72	1-Initiation & Feasibility	1951	TBD	-	654
203-P2A ⁽¹⁴⁾	TBD	TBD	1955	TBD	3	8
214-P2A ⁽¹⁴⁾	TBD	TBD	1963	TBD	2	6
41-6000-1-P2A ⁽¹⁴⁾	7.43	TBD	1948	TBD	5	14
41-6001-1A-P2A ⁽¹⁴⁾	TBD	TBD	1966	TBD	7	10
38-2101-P2A ⁽¹⁴⁾	9.01	TBD	1947	TBD	8	16
6921 Dowden & Kershaw	0.01	5-Close-Out	N/A	Apr-2018 A	1	1,582
85 ⁽¹⁰⁾⁽¹⁴⁾	61.07	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	4-Construction	1944	May-2019 A	1,523	4,155
Total SoCalGas Active Pipeline Projects					14,501	1,250,433

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)						
49-14	0.03	Closed	1959	Sep-2014 A	-	4,622
49-22 ⁽¹¹⁾	4.05	Closed	1951	Apr-2014 A	-	4,996
49-32	0.09	Closed	1950	Jun-2014 A	-	5,018
2018 Reasonableness Review Application (A.18-11-010)						
49-11	0.96	Closed	1969	Jun-2015 A	-	5,744
49-13	3.17	Closed	1959	Jul-2015 A	-	23,565
49-15	1.78	Closed	1950	Feb-2016 A	4	34,803
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	20	48,986
Future Filing						
49-16 Pipeline	0.99	Closed	1948	Mar-2015 A	15	29,781
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018 A	22	8,059
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	170	5,054
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	370	70,071
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	(375)	36,689
49-25	1.74	Closed	1960	Aug-2014 A	5	24,713
49-26	3.46	5-Close-Out	1958	Oct-2014 A	1,297	38,401
49-32-L	0.20	5-Close-Out	1965	Aug-2016 A	6	7,606
Line 1600						
1600 South					-	7
1600 ⁽⁶⁾					24	96
1600-P1B-RAINBOW	3.68	1-Initiation & Feasibility	1949	Apr-2022	65	3,364
1600-P1B-COUSER CYN NORTH	2.57	1-Initiation & Feasibility	1949	Dec-2023	15	844
1600-P1B-MCAS SOUTH	0.84	1-Initiation & Feasibility	1949	Aug-2023	16	863
1600-P1B-RICE CYN	3.28	1-Initiation & Feasibility	1949	Oct-2023	13	883
1600-P1B- COUSER CYN SOUTH	2.58	1-Initiation & Feasibility	1949	Mar-2024	14	780
1600-P1B-LILAC RD	5.94	1-Initiation & Feasibility	1949	Aug-2022	101	5,206
1600-P1B-LA HONDA AND LINCOLN	1.56	1-Initiation & Feasibility	1949	Jan-2022	38	1,788
1600-P1B-MIDWAY DR	3.00	2-Preliminary Design	1949	Jan-2020	343	3,347
1600-P1B-POMERADO RD NORTH	5.84	1-Initiation & Feasibility	1949	Mar-2021	105	5,351
1600-P1B-DALEY RANCH	3.25	1-Initiation & Feasibility	1949	Feb-2023	11	594
1600-P1B-MOOSA CREEK	0.94	1-Initiation & Feasibility	1949	Jan-2023	9	544
1600-P1B-BEAR VALLEY PKWY	3.55	2-Preliminary Design	1949	Feb-2021	70	3,076
1600-P1B- POMERADO RD SOUTH	3.05	1-Initiation & Feasibility	1949	Aug-2021	62	3,125
1600-P1B-SCRIPPS POWAY PKWY	3.52	1-Initiation & Feasibility	1949	Nov-2021	44	2,246
1600-P1B-BLACK MTN	4.10	2-Preliminary Design	1949	Apr-2020	232	3,929
1600-P1B- MCAS NORTH	0.41	1-Initiation & Feasibility	1949	Apr-2023	21	1,097
1600-P1B- MCAS CENTRAL	1.30	1-Initiation & Feasibility	1949	Jun-2023	27	1,402
1600-P1B-KEARNY MESA	1.58	2-Preliminary Design	1949	Nov-2020	116	1,783
1600-P1B-SERRA MESA	4.27	2-Preliminary Design	1949	Jul-2020	214	4,617
Total SDG&E Active Pipeline Projects					3,073	401,867

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 stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, Stage 5 Close-out, and Closed.
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) Project 2000-C, D & E currently includes cost for Sections C, D & E. Sections C & D are part of PSEP Forecast Application (A.17-03-021) and Section E is part of 2019 General Rate Case proceeding (A.17-10-008). In the future, the cost will be split.
- (6) 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 inclusion of the status of Line 1600 in this report. See D.18-06-028 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. On January 15, 2019, the SED transmitted a Response Letter to SDG&E and SoCalGas approving the proposed plan as submitted.
- (7) This line has been split into individual projects. The line still holds some actual costs which will be transferred to the individual projects in the future.
- (8) This project was filed in the 2019 General Rate Case (GRC) proceeding (A.17-10-008) as a 4th year project (2022).
- (9) All the costs for project 225 North are captured under project 225-P2-01. In the future, the cost will be split.
- (10) 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.
- (11) The scope for this project is abandonment only.
- (12) The scope for this project is de-rate only.
- (13) The scope for this project is combination of abandonment and de-rate.
- (14) TBD - Information will be updated in the future.
- (15) Project names for the following projects have been renamed as, "1030-P2-01" to "1030-P2-HYDRO"; "2001E-P2-01" to "2001E-P2-BLYTHE REPL"; "2001E-P2-02" to "2001E-P2-BLYTHE"; "2005-P2-01" to "2005-P2-Hydrotest"; & "5000-P2-01" to "5000-P2-BLYTHE REPL".

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
119 North-P2-01	-	21
169	-	-
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	-
1024	-	-
1025	-	-
1171LT2	-	-
1171LT1BP2	-	-
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	-
235 East	-	-
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
30-02	-	-
30-02-U	-	-
30-09-A	-	-
30-32	-	1
30-6200	-	-
30-6209	-	-
30-6292	-	-
30-6543	-	-
30-6799	-	-
30-6799BR1	-	-
32-90	-	-
33-6263	-	6
35-10	-	-
35-20	-	-
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520	-	-
36-7-04	-	-
36-1006	-	1
36-6588	-	-
36-8-01	-	-
36-8-01-C	-	-
36-8-06	-	-
36-9-06	-	4
36-9-06-A	-	-
36-9-09 North Section 2A	-	-
36-9-21BR1	-	-
37-04	-	-
37-18 J	-	-
37-49	-	-
37-6180	-	-
38-116-1-P2-01	-	28
38-351	-	-
38-508	-	-
38-516	-	-
38-523	-	63
38-528	-	24
38-552	-	-
38-931-P1B-01	-	113
38-959	-	-
317	-	-
3000-261.73-BO	-	-
3000-261.73-BR	-	-
41-04-I	-	11
41-05	-	6

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of June 2019

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

Pipeline Project	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
41-05-A	-	-
41-17-A2	-	5
41-17-F	-	-
41-17-FST1	-	-
41-19	-	-
41-25	-	-
41-25-A	-	-
41-30	-	50
41-35-1-KST2	-	-
41-55	-	-
41-80	-	46
41-83	-	-
41-84	-	-
41-84-A	-	-
41-90	-	-
41-101	-	-
41-116BP1	-	-
41-117	-	-
41-128	-	-
41-141	-	-
41-181	-	35
41-201	-	-
41-207BR1	-	-
41-198	-	-
41-199	-	-
41-6045	-	55
41-6501	-	-
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	(697)	1,242
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775B01	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed	(697)	1,857

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	-
49-32 (Test)	-	-
Total SDG&E Pipeline Projects Remediated or Removed	-	-

Tables 3 and 4 - Project Footnotes:

(1) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of June 2019

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)					
V-235-335 Palmdale	6	Closed	Jun-2014 A	-	7,537
V-Arrow & Haven	1	Closed	May-2014 A	-	1,158
V-Bain Street Station	2	Closed	Dec-2013 A	-	1,064
V-Brea Station-1013	1	Closed	Oct-2014 A	-	295
V-Chino Station	5	Closed	Dec-2013 A	-	1,237
V-Haskell Station	2	Closed	Jan-2014 A	-	805
V-Moreno Large	1	Closed	Jan-2014 A	-	617
V-Moreno Small	2	Closed	Jan-2014 A	-	861
V-Pixley Station	3	Closed	Nov-2014 A	-	1,560
V-Prado Station	5	Closed	Jan-2014 A	-	1,411
V-Puente Station	2	Closed	Jun-2014 A	-	19
V-Santa Fe Springs	3	Closed	Mar-2014 A	-	831
V-SGV	3	Closed	Feb-2015 A	-	5,729
V-Victoria Station	4	Closed	Dec-2014 A	-	1,740
V-Whitewater Station	3	Closed	Mar-2014 A	-	816
2018 Reasonableness Review Application (A.18-11-010)					
V-L1014 Brea	6	Closed	Nov-2015 A	-	7,301
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	-	735
V-L1020	1	Closed	Mar-2015 A	-	1,665
V-L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,565
V-235-335 East	7	Closed	Oct-2016 A	-	3,991
V-L2000 Beaumont 2015	3	Closed	Aug-2015 A	-	2,741
V-2001W Seg 10-11	1	Closed	Jan-2017 A	-	1,622
V-L2003 East	7	Closed	Sep-2015 A	-	4,443
V-L2003 West	6	Closed	Oct-2015 A	-	3,932
V-404 Ventura	4	Closed	Feb-2016 A	-	4,659
V-404-406 Ventura 2016 Bundle	3	Closed	Oct-2016 A	-	974
V-406 Ventura	5	Closed	Nov-2015 A	-	3,910
V-L4000 MP 45.36	1	Closed	Sep-2016 A	-	1,387
V-L4000 MP 53.00	3	Closed	May-2015 A	-	1,371
V-L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,246
V-L6916-P1B	3	Closed	Nov-2016 A	-	2,802
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	-	3,600
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,448
V-Banning 5000	2	Closed	Oct-2015 A	-	2,422
V-El Segundo	2	Closed	Apr-2015 A	(1)	7,557
V-Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,261
V-Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,615
V-Haynes Station	3	Closed	Nov-2016 A	-	1,763
V-Honor Ranch - L225	4	Closed	May-2016 A	-	1,484
V-Indio 2014	4	Closed	May-2015 A	-	2,860
V-Lampson	4	Closed	Apr-2015 A	-	9,882
V-New Desert	7	Closed	Oct-2014 A	-	10,532
V-Newhall Station	7	Closed	Jan-2015 A	-	16,196
V-Orange	3	Closed	Apr-2015 A	-	5,287
V-Questar Taps	6	Closed	Sep-2015 A	-	1,773
V-Rainbow	10	Closed	May-2016 A	-	5,220
V-Riverside 2001	5	Closed	Oct-2015 A	-	2,484
V-Santa Barbara - 1005	1	Closed	Mar-2015 A	-	516
V-Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	1,040
2019 GRC Application (A.17-10-008)					
V-L115-GRC-Herron	3	2-Preliminary Design	Oct-2019	43	457
V-L115-GRC-Pierce	3	2-Preliminary Design	Oct-2019	92	1,126
V-L115-GRC-Randall	3	2-Preliminary Design	Nov-2019	-	7
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	11	263
V-L1017-GRC-Bristol	2	2-Preliminary Design	Dec-2019	19	295
V-L1017-GRC-Dyer	1	3-Detailed Design & Procurement	Jul-2019	1,341	1,343
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Apr-2020	5	322
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Apr-2020	10	123
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	May-2020	7	107
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Apr-2020	16	140
V-235-335 West Bundle-P1B ⁽⁵⁾				-	-
V-235-335 West-GRC-Agua Dulce Canyon	3	3-Detailed Design & Procurement	Sep-2019	5	272
V-235-335 West-GRC-Shannon Valley	1	2-Preliminary Design	Jun-2020	29	159
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Apr-2020	25	113
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Jun-2020	13	116
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Aug-2019	14	150
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Mar-2020	17	176
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Mar-2020	11	100
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	May-2020	12	127
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Feb-2020	15	150
V-L235-GRC-Oro Mtn	1	3-Detailed Design & Procurement	Nov-2019	7	122
V-L235-GRC-Pisgah Rd	0	3-Detailed Design & Procurement	Sep-2019	6	99
V-L235-GRC-Sacramento Mtn	0	3-Detailed Design & Procurement	Jan-2020	10	175
V-L235-GRC-Stoddard Wells Rd	1	3-Detailed Design & Procurement	Sep-2019	38	121

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of June 2019

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-SL32-21-GRC-Alhambra Stn	2	4-Construction	Jun-2019 A	97	257
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	6	276
V-SL32-21-GRC-Crosby St	1	3-Detailed Design & Procurement	Oct-2019	23	294
V-SL33-120-P1B ⁽⁵⁾	1	TBD	Feb-2021	-	49
V-SL38-504-GRC-Green And 4th	0	1-Initiation & Feasibility	Jul-2020	8	85
V-L324 Bundle-P1B ⁽⁶⁾	#N/A			-	-
V-L324-GRC-Center Rd Stn	3	2-Preliminary Design	Oct-2019	109	109
V-L324-GRC-Happy Camp	1	2-Preliminary Design	Oct-2019	26	142
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	4	164
V-L324-GRC-Sence Ranch	1	2-Preliminary Design	Jul-2019	17	122
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Feb-2020	4	169
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	May-2020	8	162
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	1-Initiation & Feasibility	Jan-2021	7	40
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	May-2021	2	5
V-L2000 And L2051 Fault Isolation-GRC-Monroe St	2	1-Initiation & Feasibility	Jan-2021	8	42
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jul-2020	10	175
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2020	11	162
V-L3000-GRC-Eagle Peak	1	3-Detailed Design & Procurement	Aug-2019	9	267
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	761	884
V-L3000-GRC-Marble Mtn	1	3-Detailed Design & Procurement	Jul-2019	9	169
V-L3000-GRC-Piute	1	4-Construction	Jun-2019 A	93	259
V-L3000-GRC-Route 66	1	3-Detailed Design & Procurement	Apr-2020	10	166
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Aug-2020	8	158
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	561	1,922
V-43-121-P1B	2	2-Preliminary Design	May-2020	2	840
V-L406-GRC-Burbank Etiwanda	1	2-Preliminary Design	Mar-2020	28	277
V-L407-L1205-GRC-San Vicente	2	3-Detailed Design & Procurement	Oct-2019	66	2,037
V-L6906-GRC-Arrow Route Stn	2	2-Preliminary Design	Oct-2019	5	57
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Mar-2021	4	39
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	5	53
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Dec-2019	1	121
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	-	69
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Nov-2019	9	283
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Nov-2019	19	242
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	14	527
V-L85-GRC-Rising Canyon Rd	1	3-Detailed Design & Procurement	Jul-2019	10	163
V-L85-GRC-Twisselman Rd	1	3-Detailed Design & Procurement	Jul-2019	20	156
V-L800-GRC-Nevada Ave	1	3-Detailed Design & Procurement	Nov-2019	19	158
V-L800-GRC-Murphy Ranch Rd	1	3-Detailed Design & Procurement	Dec-2019	17	128
V-L800-GRC-Lemoore Junction	2	3-Detailed Design & Procurement	Nov-2019	16	240
V-L8109 Bundle-P1B ⁽⁶⁾	#N/A			(2)	-
V-L8109-GRC-Arundell ⁽⁵⁾	1	TBD	Jan-2021	-	24
V-L8109-GRC-Casita Springs ⁽⁵⁾	1	TBD	Nov-2020	-	36
V-L8109-GRC-Cuyama Meter Stn ⁽⁵⁾	1	TBD	Aug-2020	(25)	85
V-L8109-GRC-Hall Canyon ⁽⁵⁾	1	TBD	Oct-2020	1	63
V-L8109-GRC-Live Oaks ⁽⁵⁾	1	TBD	Sep-2020	1	62
V-L8109-GRC-Sheep Camp ⁽⁵⁾	1	TBD	Jan-2021	-	29
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2020	2	275
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Jan-2020	1	339
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jun-2020	4	345
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	1,120	1,180
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	Sep-2020	6	790
V-Blythe-P1B-Chuckawalla ⁽⁵⁾	2	TBD	Feb-2021	1	44
V-Blythe-GRC-Ford Dry Lake ⁽⁵⁾	3	TBD	Jul-2020	9	57
V-Blythe-GRC-Hayfield Stn ⁽⁵⁾	3	TBD	Aug-2020	-	25
V-Brea-GRC-Lincoln	1	5-Close-Out	Apr-2019 A	1,392	1,442
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	3	329
V-Burbank & Lindley-P1B	1	2-Preliminary Design	Apr-2020	-	-
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Oct-2020	3	284
V-Burbank-GRC-Verdugo & Reese	3	3-Detailed Design & Procurement	Sep-2019	30	541
V-Cabazon-P1B ⁽⁶⁾				-	-
V-CABAZON-GRC-MILARD PASS RD	1	1-Initiation & Feasibility	Jul-2020	7	26
V-CABAZON-GRC-ELM ST	1	1-Initiation & Feasibility	Jun-2020	10	31
V-Carpinteria-GRC-Conoco	1	4-Construction	May-2019 A	389	1,201
V-Chestnut And Grand-GRC	4	1-Initiation & Feasibility	Dec-2019	11	372
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Apr-2020	13	590
V-El Segundo-P1B-Scattergood				17	2,344
V-El Segundo-P1B-Scattergood Raytheon ⁽⁵⁾	1	1-Initiation & Feasibility	Oct-2020	-	-
V-El Segundo-P1B-Scattergood Northrop ⁽⁵⁾	1	1-Initiation & Feasibility	Nov-2020	-	1
V-Glendale Bundle-P1B ⁽⁶⁾				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Oct-2019	27	356
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Aug-2019	31	386
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Oct-2019	43	387
V-Goleta-GRC-Santa Rosa Rd Buellton	1	2-Preliminary Design	Jul-2020	7	482
V-Goleta-GRC-Farren Rd	1	2-Preliminary Design	Apr-2020	14	378
V-Goleta-GRC-Gaviota St Park	1	4-Construction	May-2019 A	287	1,560
V-Goleta-GRC-Popco	1	2-Preliminary Design	Apr-2020	24	412
V-Haskell Station FM-P1B	1	2-Preliminary Design	Dec-2019	2	94

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of June 2019

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design	Feb-2021	3	364
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Sep-2021	-	-
V-Santa Barbara-GRC-Grove Ln	1	3-Detailed Design & Procurement	Sep-2019	22	455
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	983	983
V-SB County-GRC-Parsons	1	3-Detailed Design & Procurement	Jul-2019	858	856
V-SFV Olympic-GRC-Yarmouth Ave ⁽⁵⁾	3	2-Preliminary Design	Jul-2020	7	181
V-SFV Olympic-GRC-Killion St	3	2-Preliminary Design	Sep-2020	12	57
V-SFV Olympic-GRC-White Oak Ave ⁽⁵⁾	1	TBD	Jan-2021	1	6
V-SFV Bundle Valencia ⁽⁶⁾				11	117
V-SFV Valencia-GRC-Chatsworth and Lindley	1	1-Initiation & Feasibility	May-2020	-	-
V-SFV Valencia-GRC-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	6	183
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Apr-2020	8	214
V-SFV Valencia-GRC-Eternal Valley	2	1-Initiation & Feasibility	Jun-2020	17	142
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	May-2020	9	142
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Oct-2020	6	134
V-Ventura Station-GRC	6	3-Detailed Design & Procurement	Sep-2019	165	402
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	Nov-2019	147	489
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Mar-2020	6	266
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	53	8,343
V-L1018-P1B-Alipaz	1	5-Close-Out	May-2018 A	6	1,792
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	1	1,223
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	(68)	2,838
V-L1018-P1B-Camino Capistrano	1	5-Close-Out	Sep-2018 A	18	3,978
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	157	2,190
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	3	3,030
V-29 Palms-P1B-Indian Canyon	1	5-Close-Out	Oct-2017 A	39	1,360
V-29 Palms-P1B-Mohawk Trail	1	5-Close-Out	Feb-2018 A	13	938
V-29 Palms-P1B-Sunburst St	1	5-Close-Out	May-2018 A	9	1,483
V-29 Palms-P1B-Utah Trail	1	5-Close-Out	Jan-2018 A	8	1,257
V-L225-P1B-Beartrap	1	Closed	May-2017 A	-	1,262
V-L225-P1B-Quail Canal	1	Closed	Jun-2017 A	-	1,260
V-L2000 Beaumont 2016	4	5-Close-Out	Jun-2017 A	26	5,855
V-SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	10	1,349
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	35	11,267
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	1	1,291
V-L4000-P1B-Camp Rock Rd	1	5-Close-Out	Dec-2018 A	9	1,254
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	24	1,291
V-L4000-P1B-Desert View Rd	1	5-Close-Out	Oct-2018 A	10	1,949
V-L4000-P1B-Devore Stn	3	5-Close-Out	Sep-2018 A	12	1,478
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	29	3,783
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	7	3,627
V-L7000-P1B-Rd 68 & Ave 232	1	Closed	Jan-2018 A	1	2,001
V-L7000-P1B-Rd 96 & Ave 198	1	Closed	Oct-2017 A	-	2,225
V-L7000-P1B-Visalia Stn	2	5-Close-Out	Jul-2018 A	3	519
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	644
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	(197)	1,411
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	(1)	390
V-Aviation-P1B-Aviation and 104th	5	Closed	Apr-2017 A	1	9,647
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	Closed	Oct-2017 A	3	1,333
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	-	1,288
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	9	1,899
V-Banning Airport	2	Closed	Apr-2015 A	504	1,755
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	-	1,744
V-Brea Hacienda Bundle-P1B ⁽⁵⁾				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	2	1,080
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	6	477
V-Brea-P1B-Brea Canyon	3	5-Close-Out	Oct-2017 A	9	1,333
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	1	487
V-Burbank-P1B-Riverside & Agnes	1	4-Construction	Oct-2018 A	19	548
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	5	1,334
V-Del Amo Station-P1B	3	5-Close-Out	Jan-2018 A	90	1,490
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	8	1,541
V-Fontana 4002-P1B-Etiwand & 4th	1	Closed	Apr-2017 A	-	1,271
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	1	546
V-Indio 2016-P1B	2	Closed	Aug-2017 A	(1)	1,387
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	1	1,786
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	14	1,966
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	(620)	3,320
V-Rainbow 2017	2	5-Close-Out	Jul-2018 A	-	1,880
V-Rainbow CV-P1B ⁽⁵⁾				-	204
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	451	459
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	-	17
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	11	407
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	(31)	471
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	(114)	1,758

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Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of June 2019

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	10	2,086
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	11	1,589
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	-	1,298
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,318
V-Taft-P1B-Hageman & Runfro	2	4-Construction	Nov-2018 A	94	7,339
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,341
V-Victorville COMMS-P1B-MLV11	1	5-Close-Out	Oct-2018 A	25	951
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	621
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	7	497
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	11	683
V-Western/Del Rey Bundle-P1B ⁽⁶⁾				-	10
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
Total SoCalGas Active Valve Projects				10,192	325,299

Table 2 - SDG&E Active Valve Projects

Valve Project				June 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2018 Reasonableness Review Application (A.18-11-010)					
V-1600 Bundle	16	Closed	Dec-2014 A	-	444
V-3010 Bundle	9	Closed	Dec-2014 A	-	282
V-3100 and 2010 FM	2	Closed	Oct-2016 A	-	279
V-3600 Bundle	12	Closed	Mar-2015 A	-	5,320
V-49-28	1	Closed	Oct-2016 A	-	1,772
Future Filing					
V-1601 Ultrason	1	4-Construction	Apr-2018 A	62	775
V-49-11 & 49-27	1	5-Close-Out	Sep-2016 A	2	1,786
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	15	2,130
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	15	715
V-49-23	1	5-Close-Out	Sep-2018 A	260	2,354
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	3	2,377
Total SDG&E Active Valve Projects				358	18,234

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, regulatory station modifications and communication sites. Counts do not include BFP1 (regulator station modification) projects.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, Stage 5 Close-out, and Closed.
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) 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.
- (6) 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.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of June 2019

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	June 2019 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
V-L115-P1B-Walnut	-	154
V-235-198.20	-	-
V-L247 Goleta-P1B	-	59
V-L2002-P1B	-	7
V-L37-18F	-	-
V-SL38-504-GRC-Hanford Armona And Front	(1)	-
V-L3000-GRC-Mercury Mtn	3	69
V-L4002 MP 67.00 MLV	-	395
V-L4002 MP 72.70-P1B	-	-
V-L4000-P1B-Cajon Junction	-	-
V-L4002 MP 86.44-FM-P1B	-	-
V-L765-P1B-Fairmont & Faircourt	-	-
V-L765-P1B-Mission & Workman	-	-
V-L85 Templin Highway MP 137.99-P1B	-	107
V-L8109-GRC-Apache Canyon	-	33
V-Blythe COMMs-P1B	-	-
V-Blythe-GRC-Shaver Summit	-	18
V-Blythe-P1B-Desert Center Station	-	24
V-CABAZON-GRC-DEEP CREEK RD	-	-
V-Goleta-P1B-More Ranch Rd	-	130
V-Lampson Check Valves-P1B	-	20
V-Los Alamitos	-	250
V-Needles COMMs-P1B	-	21
V-SFV Olympic-GRC-Chatsworth St	-	1
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
V-Yorba Station-P1B	-	17
Total SoCalGas Valve Projects Remediated or Removed	3	1,411

Tables 3 - Project Footnotes:

(1) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix C - SoCalGas/SDG&E Records Review and Interim Safety Measure Costs as of June 2019

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	June 2019 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Leak Survey and Pipeline Patrol	-	1,820
Records Review	-	15,822
Pressure Protection Equipment	-	312
Other Remediation	-	482
Total SoCalGas Records Review and Interim Safety Measure Costs	-	18,436

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

Cost Type	June 2019 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Leak Survey and Pipeline Patrol	-	107
Records Review	-	1,307
Pressure Protection Equipment	-	5
Other Remediation	-	2
Total SDG&E Records Review and Interim Safety Measure Costs	-	1,422

Tables 1 and 2 - Footnotes:

(1) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for June 2019

Appendix D - SoCalGas/SDG&E PSEP Total Project Cost Summary as of June 2019

Table 1 - SoCalGas Cost Summary

Cost Type	June 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	13,804	1,252,290
Active Pipeline Projects ^{A-K}	14,501	1,250,433
Remediated or Removed Pipeline Projects	(697)	1,857
Total Valve Project Costs	10,195	326,710
Active Valve Projects ^{A-C, F-K}	10,192	325,299
Remediated or Removed Valve Projects	3	1,411
Total Records Review and Interim Safety Measure Costs^{A-E}	-	18,436
Total Pipeline and Valve Other Costs	480	26,726
Methane Detectors	-	375
Communications ⁽¹⁾	-	41
Construction ⁽¹⁾	(0)	1,587
Engineering ⁽¹⁾	0	585
Training ⁽¹⁾	19	909
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	(0)	1,939
General Administration ⁽¹⁾	69	18,206
Program Management Office ⁽¹⁾	392	3,054
GRAND TOTAL SOCALGAS PSEP PROJECT COST	24,479	1,624,163

Table 2 - SDG&E Cost Summary

Cost Type	June 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	3,073	401,867
Active Pipeline Projects ^{A-K}	3,073	401,867
Remediated or Removed Pipeline Projects	-	-
Total Valve Projects	358	18,234
Active Valve Projects ^{A-C, F-K}	358	18,234
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	(212)	3,836
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	0	18
Engineering ⁽¹⁾	(104)	31
Training ⁽¹⁾	-	(0)
Gas Control ⁽¹⁾	0	1
Environmental ⁽¹⁾	0	19
Supply Management ⁽¹⁾	38	2,205
General Administration ⁽¹⁾	(20)	1,097
Program Management Office ⁽¹⁾	(125)	340
GRAND TOTAL SDG&E PSEP PROJECT COST	3,219	425,359

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 June 2019 and project-to-date costs from May 2012 to June 2019.

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

(C) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.

(D) As of June 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$4,015,522 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 \$42.8 million of amortization revenues to-date.

The overall regulatory account balance in SoCalGas' PSRMA has decreased from the May 2019 to June 2019 report because amortization exceeds interest for the current month.

(E) As of June 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$524 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 June 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$50,394,742 which includes balancing account interest and reflects approximately \$99.2 million of amortization revenues to-date.

(G) Pursuant to D.16-08-003, SoCalGas and SDG&E are authorized interim rate recovery of 50% of the recorded SDG&E 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 June 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$5,911,860 which includes balancing account interest and approximately \$6.6 million of amortization revenues to-date.

(I) As of June 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$250,107,361 which includes balancing account interest and reflects approximately \$143.9 million of amortization revenues to-date.

(J) As of June 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$70,140,075 which includes balancing account interest and approximately \$31 million of amortization revenues to-date.

(K) As of June 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$12,869,801 which includes balancing account interest.