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August 30, 2019

Mr. Ed Randolph
 Director, Energy Division
 California Public Utilities Commission
 505 Van Ness Avenue
 San Francisco, CA 94102

Ms. Elizaveta Malashenko
 Director, Safety and Enforcement Division
 California Public Utilities Commission
 505 Van Ness Avenue
 San Francisco, CA 94102

RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline Safety Enhancement Plan Status Report-July 2019

Dear Mr. Randolph and Ms. Malashenko:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for July 2019 as required per D.12-04-021. Decision 12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission’s Energy Division and Safety and Enforcement Division (SED) as our plan is implemented.

Please feel free to contact me should you have any additional questions regarding this report.

Sincerely,

 /s/ *Diana Alcala*

Diana Alcala
 Regulatory Case Manager

Attachment

CC: Belinda Gatti, CPUC Energy Division
 Jean Spencer, CPUC Energy Division
 Sunil Shori, CPUC Safety and Enforcement Division
 Matthewson Epuna, CPUC Safety and Enforcement Division

July 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 July 2019.

II. Current Project Status

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

Pipelines (Appendix A):

- New construction activity began on two pipeline projects (Stage 4)
 - 43-121-P1B-01 (Los Angeles)
 - 36-9-09N-P1B-12 (Santa Margarita)
- 9 pipeline projects are in construction (Stage 4)
- 16 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- New construction activity began on five valve projects (Stage 4)
 - V-L1017-GRC-Dyer (Irvine)
 - V-L324-GRC-Sence Ranch (Somis)
 - V-L3000-GRC-Marble Mtn (Needles, San Bernardino)
 - V-L85-GRC-Rising Canyon Rd (Lebec)
 - V-L85-GRC-Twisslman Rd (Lost Hills)
- 16 valve projects are in construction (Stage 4)
- 37 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 225 North has been renamed, “225-P2A-North.”
- Project 2001E-P2-Blythe has been renamed, “2001E-P2-Blythe To L1030 Hydro.”
- Project 2001W-P2-01 has been renamed, “2001W-P2-Cactus To 1030 Hydro.”
- Project 235E-P2-01 has been renamed, “235E-P2-01 Hydro.”

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

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of July 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)	July 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	-	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	-	1,201
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⁾					-	3
2000-C-P2	21.64	4-Construction	1947	May-2019 A	1,077	4,363
2000-C-CHLA-P2	4.85	2-Preliminary Design	1947	Jan-2020	5	114
2000-D-BADL-P2	7.47	2-Preliminary Design	1947	Feb-2021	16	788
2000-Moreno Replacement ⁽¹⁴⁾	TBD	3-Detailed Design & Procurement	1947	May-2020	22	152
36-1002-P1B-01 ⁽¹²⁾	16.68	2-Preliminary Design	1928	Aug-2020	84	2,011
36-37-P1B-11A	1.49	4-Construction	1927	Jun-2019 A	2,296	6,007
36-37-P1B-11B	4.71	5-Close-Out	1927	Jul-2018 A	48	36,147
36-37-P1B-11C	1.51	4-Construction	1927	Jun-2019 A	1,141	2,495
36-37-P1B-12 ⁽¹³⁾	30.92	4-Construction	1927	Feb-2019 A	2,120	11,509
38-514-P1B-03	1.38	3-Detailed Design & Procurement	1945	Sep-2019	27	1,162
38-556-P2-01	5.63	3-Detailed Design & Procurement	1956	Aug-2019	72	1,640
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	(687)	13,074
43-121-P1B-01	0.26	4-Construction	1930	Jul-2019 A	410	1,436
45-1001-P1B-01 & 36-1001-P1B-01	1.44	3-Detailed Design & Procurement	1925	Sep-2019	73	1,248
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	15	14,039
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	-	7,618

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of July 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)	July 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)	5,756
38-512	4.92	Closed	1929	Mar-2015 A	-	32,431
38-512 Section 3 ⁽¹¹⁾	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	1	16,002
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	13	28,299
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	21	290
1030-P2-Hydro ⁽⁸⁾	25.79	2-Preliminary Design	1955	Feb-2022	14	254
225-P2A-North ⁽⁸⁾⁽⁹⁾⁽¹⁵⁾	8.11	2-Preliminary Design	1959	Jan-2022	2	566
235W-P2-01 ⁽⁷⁾					1	849
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	Jun-2021	7	366
2000-P2-02 ⁽⁷⁾					1	334
2000 Chino Hills	10.46	3-Detailed Design & Procurement	1947	Oct-2019	65	889
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020	42	157
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Apr-2020	16	132
2001E-P2-Blythe Repl ⁽⁸⁾	0.07	2-Preliminary Design	1953	Apr-2020	4	142
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾⁽¹⁵⁾	27.43	2-Preliminary Design	1954	Nov-2021	16	249
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾⁽¹⁵⁾	5.66	2-Preliminary Design	1953	Apr-2020	12	155
2001 West - C, D & E ⁽⁷⁾					8	1,656
2001WC-P2	8.49	2-Preliminary Design	1953	Feb-2020	18	721
2001WC-CHLA-P2 ⁽¹⁴⁾	4.86	2-Preliminary Design	1947	Feb-2020	7	49
2001W-D-P2 ⁽¹⁴⁾	10.09	2-Preliminary Design	1950	Feb-2020	4	70
2001W-D-BADL-P2 ⁽¹⁴⁾	4.57	2-Preliminary Design	1950	Feb-2021	4	25
2001 West - E	8.89	2-Preliminary Design	1953	Feb-2021	7	25
2005-P2-Hydrotest ⁽⁸⁾⁽¹⁵⁾	0.28	3-Detailed Design & Procurement	1950	Aug-2020	11	218
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	85	957
36-1032-P1B-12	5.16	2-Preliminary Design	1943	Jul-2020	(950)	1,390
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	65	1,205
36-1032-P1B-14	1.72	2-Preliminary Design	1928	Jan-2021	83	1,098
36-9-09N-P1B-01 ⁽⁷⁾					-	120
36-9-09N-P1B-12	0.92	4-Construction	1920	Jul-2019 A	816	2,541
36-9-09N-P1B-14	1.74	3-Detailed Design & Procurement	1920	Sep-2019	130	2,000
36-9-09N-P1B-15	1.53	3-Detailed Design & Procurement	1920	Oct-2019	142	1,907
36-9-09N-P1B-16	1.74	3-Detailed Design & Procurement	1920	Sep-2019	61	2,941
44-1008-P1B-01 ⁽⁷⁾					70	1,543
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	4.26	3-Detailed Design & Procurement	1951	Jan-2020	70	670
5000-P2-Blythe Repl ⁽⁸⁾	0.01	2-Preliminary Design	1953	Mar-2021	3	114
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.03	2-Preliminary Design	1931	Oct-2020	90	7,825
Future Filing						
103-P1B-01 ⁽¹¹⁾	9.28	5-Close-Out	1941	May-2019 A	215	1,236
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2020	13	80
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	1-Initiation & Feasibility	1944	Jul-2020	20	697
1004-P2-01 ⁽¹⁴⁾	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 ⁽¹⁴⁾	15.24	1-Initiation & Feasibility	1951	TBD	-	305
225	3.10	3-Detailed Design & Procurement	1959	Mar-2020	39	1,725

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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)	July 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
225-South-P2A ⁽⁹⁾⁽¹⁴⁾	10.70	TBD	TBD	TBD		
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 Hydro ⁽¹⁵⁾	58.07	3-Detailed Design & Procurement	1960	Jan-2022	6	637
235E-P2-02 Hydro	56.35	3-Detailed Design & Procurement	1960	Mar-2021	4	7
235E-P2-Kelso Repl	0.10	3-Detailed Design & Procurement	1960	Sep-2021	11	48
235E-P2-North Needles Repl	0.03	3-Detailed Design & Procurement	1960	Oct-2020	10	28
235E-P2-Newberry Springs Repl	0.05	3-Detailed Design & Procurement	1960	Oct-2020	172	484
257-P2-01 ⁽¹⁴⁾	0.02	TBD	1961	TBD	-	154
2000-D	3.18	Closed	1947	Sep-2017 A	5	10,536
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Jul-2020	41	1,302
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	986	10,111
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	132	5,740
2001W-P2-02 ⁽¹⁴⁾	TBD	TBD	TBD	TBD	-	73
2006	0.07	3-Detailed Design & Procurement	1953	Sep-2019	46	505
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	3	35,950
SL31-08-P1A-01 ⁽¹⁴⁾	TBD	TBD	TBD	TBD	-	-
31-09-C	1.01	2-Preliminary Design	1968	May-2020	1	42
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	(186)	12,485
33-121	0.48	Closed	1955	Jan-2018 A	-	4,588
33-750	0.57	1-Initiation & Feasibility	1946	Jul-2021	23	244
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 ⁽¹⁴⁾	0.10	TBD	1932	Oct-2020	-	4
36-9-09 North Section 5B-02	0.25	5-Close-Out	1932	Nov-2018 A	51	5,746
36-9-09 North Section 6B	1.55	Closed	1955	Oct-2017 A	1	15,830
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	6	16,668
38-1102-P1B-01 ⁽¹⁴⁾	0.00	2-Preliminary Design	1963	TBD	1	681
38-100-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1960	TBD	-	222
38-101-P1B-01	4.53	4-Construction	1921	May-2019 A	1,426	7,871
38-101-P1B-03 ⁽¹²⁾⁽¹⁴⁾	5.21	TBD	TBD	TBD		
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	3	256
41-6000-2 Abandonment ⁽¹³⁾	27.46	5-Close-Out	1948	Aug-2018 A	92	9,694
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	56	19,301
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A ⁽¹⁴⁾	45.91	TBD	1960	TBD	28	49
3000E-P2A ⁽¹⁴⁾	115.08	TBD	1957	TBD	43	62
41-6001-1-P2A ⁽¹⁴⁾	TBD	TBD	1966	TBD	4	16
43-121N-P1A-02	0.13	Closed	1930	Apr-2017 A	-	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	1	4,799
43-121N-P1A-04	0.77	Closed	1930	Aug-2017 A	(1)	12,822
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	3.56	Closed	1930	Sep-2014 A	(4)	92,036
404 Section 4A	0.79	4-Construction	1944	Aug-2018 A	215	12,032
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	39	8,963
406-P2-01 ⁽¹⁴⁾	14.35	1-Initiation & Feasibility	1951	TBD	-	654
203-P2A ⁽¹⁴⁾	TBD	TBD	1955	TBD	3	11
214-P2A ⁽¹⁴⁾	TBD	TBD	1963	TBD	6	12
41-6000-1-P2A ⁽¹¹⁾⁽¹⁴⁾	7.43	TBD	1948	TBD	37	51
41-6001-1A-P2A ⁽¹⁴⁾	TBD	TBD	1966	TBD	3	13
38-2101-P2A ⁽¹⁴⁾	9.01	TBD	1947	TBD	25	40
6921 Dowden & Kershaw	0.01	5-Close-Out	N/A	Apr-2018 A	2	1,583
85 ⁽¹⁰⁾⁽¹⁴⁾	61.07	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	4-Construction	1944	May-2019 A	(492)	3,663
Total SoCalGas Active Pipeline Projects					10,741	1,261,176

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of July 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)	July 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)	34,799
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	274	49,260
Future Filing						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	6	29,787
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018 A	16	8,075
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	(23)	5,031
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	22	70,093
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	13	36,702
49-25	1.74	Closed	1960	Aug-2014 A	2	24,715
49-26	3.46	5-Close-Out	1958	Oct-2014 A	14	38,415
49-32-L	0.24	Closed	1965	Aug-2016 A	(2)	7,603
Line 1600						
1600 South					-	7
1600 ⁽⁶⁾					(89)	7
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	30	3,394
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	12	856
1600-P1B-MCAS South	0.84	1-Initiation & Feasibility	1949	Aug-2023	8	871
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	17	900
1600-P1B- Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	5	785
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	45	5,252
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	14	1,802
1600-P1B-Midway Dr	3.00	2-Preliminary Design	1949	Jan-2020	145	3,493
1600-P1B-Pomerado Rd North	5.84	1-Initiation & Feasibility	1949	Mar-2021	45	5,397
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	12	606
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	5	549
1600-P1B-Bear Valley Pkwy	3.55	2-Preliminary Design	1949	Feb-2021	36	3,112
1600-P1B- Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	28	3,153
1600-P1B-Scripps Poway Pkwy	3.52	1-Initiation & Feasibility	1949	Nov-2021	19	2,265
1600-P1B-Black Mtn	4.10	2-Preliminary Design	1949	Apr-2020	245	4,174
1600-P1B- MCAS North	0.41	1-Initiation & Feasibility	1949	Apr-2023	9	1,106
1600-P1B- MCAS Central	1.30	1-Initiation & Feasibility	1949	Jun-2023	14	1,416
1600-P1B-Kearny Mesa	1.58	2-Preliminary Design	1949	Nov-2020	95	1,879
1600-P1B-Serra Mesa	4.27	2-Preliminary Design	1949	Jun-2020	160	4,777
Total SDG&E Active Pipeline Projects					1,173	403,040

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-South-P2A are captured under project 225-P2A-North. 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, "225 North" to "225-P2A-North"; "2001E-P2-Blythe" to "2001E-P2-Blythe To L1030 Hydro"; "2001W-P2-01" to "2001W-P2-Cactus To 1030 Hydro"; & "235E-P2-01" to "235E-P2-01 Hydro".

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

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

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	July 2019 Actuals ⁽¹⁾ (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 July 2019

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

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

Pipeline Project	July 2019 Actuals ⁽¹⁾ (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	9	1,251
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775B01	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed	9	1,866

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	July 2019 Actuals ⁽¹⁾ (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 July 2019

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

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 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	-	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	Apr-2020	19	476
V-L115-GRC-Pierce	3	2-Preliminary Design	Oct-2019	58	1,185
V-L115-GRC-Randall	3	2-Preliminary Design	Nov-2019	2	9
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	9	272
V-L1017-GRC-Bristol	2	2-Preliminary Design	Dec-2019	45	340
V-L1017-GRC-Dyer	1	4-Construction	Jul-2019 A	860	2,203
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Apr-2020	3	325
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Apr-2020	10	133
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	May-2020	7	115
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Apr-2020	7	147
V-235-335 West-GRC-Agua Dulce Canyon	3	3-Detailed Design & Procurement	Dec-2019	11	283
V-235-335 West-GRC-Shannon Valley	1	2-Preliminary Design	Jun-2020	6	165
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Apr-2020	7	120
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Jun-2020	3	120
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Aug-2019	12	162
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Mar-2020	3	179
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Mar-2020	10	110
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	May-2020	7	134
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Feb-2020	4	154
V-L235-GRC-Oro Mtn	1	3-Detailed Design & Procurement	Aug-2019	12	134
V-L235-GRC-Pisgah Rd	0	3-Detailed Design & Procurement	Aug-2019	20	119
V-L235-GRC-Sacramento Mtn	0	3-Detailed Design & Procurement	Jan-2020	3	178
V-L235-GRC-Stoddard Wells Rd	1	3-Detailed Design & Procurement	Oct-2019	12	134

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 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	426	683
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	69	345
V-SL32-21-GRC-Crosby St	1	3-Detailed Design & Procurement	Sep-2019	14	308
V-SL33-120-P1B ⁽⁵⁾	1	TBD	Jan-2021	-	50
V-SL38-504-GRC-Green And 4th	0	1-Initiation & Feasibility	Jul-2020	61	147
V-L324-GRC-Center Rd Stn	3	2-Preliminary Design	Nov-2019	84	192
V-L324-GRC-Happy Camp	1	2-Preliminary Design	Oct-2019	82	224
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	6	170
V-L324-GRC-Sence Ranch	1	4-Construction	Jul-2019 A	86	208
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Oct-2020	16	185
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Oct-2020	8	171
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	1-Initiation & Feasibility	Jan-2021	14	55
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	May-2021	1	5
V-L2000 And L2051 Fault Isolation-GRC-Monroe St	2	1-Initiation & Feasibility	Jan-2021	17	59
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jul-2020	3	178
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2020	1	163
V-L3000-GRC-Eagle Peak	1	3-Detailed Design & Procurement	Aug-2019	36	302
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	19	904
V-L3000-GRC-Marble Mtn	1	4-Construction	Jul-2019 A	448	618
V-L3000-GRC-Piute	1	4-Construction	Jun-2019 A	476	735
V-L3000-GRC-Route 66	1	3-Detailed Design & Procurement	Apr-2020	1	167
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Aug-2020	5	164
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	141	2,063
V-43-121-P1B	2	2-Preliminary Design	May-2020	1	841
V-L406-GRC-Burbank Etiwanda	1	2-Preliminary Design	Mar-2020	33	310
V-L407-L1205-GRC-San Vicente	6	3-Detailed Design & Procurement	Oct-2019	50	2,087
V-L6906-GRC-Arrow Route Stn	2	2-Preliminary Design	Sep-2019	17	74
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Mar-2021	4	43
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	8	61
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Dec-2019	1	122
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	1	69
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Nov-2019	4	288
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Nov-2019	15	257
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	(10)	518
V-L85-GRC-Rising Canyon Rd	1	4-Construction	Jul-2019 A	79	242
V-L85-GRC-Twisselman Rd	1	4-Construction	Jul-2019 A	154	310
V-L800-GRC-Nevada Ave	1	3-Detailed Design & Procurement	Nov-2019	27	186
V-L800-GRC-Murphy Ranch Rd	1	3-Detailed Design & Procurement	Dec-2019	14	141
V-L800-GRC-Lemoore Junction	2	3-Detailed Design & Procurement	Sep-2019	(17)	223
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	1	85
V-L8109-GRC-Hall Canyon ⁽⁵⁾	1	TBD	Oct-2020	-	64
V-L8109-GRC-Live Oaks ⁽⁵⁾	1	TBD	Sep-2020	-	62
V-L8109-GRC-Sheep Camp ⁽⁵⁾	1	TBD	Jan-2021	-	29
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2020	4	280
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Jan-2020	4	343
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jun-2020	4	349
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	11	1,191
V-Blythe Bndle-GRC-Blythe Stn 2	3	3-Detailed Design & Procurement	Sep-2020	8	797
V-Blythe-P1B-Chuckawalla ⁽⁵⁾	2	TBD	Jan-2021	5	49
V-Blythe-GRC-Ford Dry Lake ⁽⁵⁾	3	TBD	Jul-2020	4	61
V-Blythe-GRC-Hayfield Stn ⁽⁵⁾	3	TBD	Aug-2020	-	25
V-Brea-GRC-Lincoln	1	5-Close-Out	Apr-2019 A	373	1,815
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	5	334
V-Burbank & Lindley-P1B	1	2-Preliminary Design	Apr-2020	-	-
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Oct-2020	6	290
V-Burbank-GRC-Verdugo & Reese	3	3-Detailed Design & Procurement	Oct-2019	17	558
V-Cabazon-GRC-Milard Pass Rd	1	2-Preliminary Design	Jun-2020	14	40
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Jul-2020	14	45
V-Carpinteria-GRC-Conoco	1	4-Construction	May-2019 A	162	1,364
V-Chestnut And Grand-GRC	4	1-Initiation & Feasibility	Sep-2019	23	395
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Apr-2020	18	609
V-El Segundo-P1B-Scattergood ⁽⁶⁾				22	2,366
V-El Segundo-P1B-Scattergood Raytheon	1	1-Initiation & Feasibility	Oct-2020	-	1
V-El Segundo-P1B-Scattergood Northrop	1	1-Initiation & Feasibility	Nov-2020	-	1
V-Glendale Bundle-P1B ⁽⁶⁾				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Apr-2020	54	410
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Feb-2020	41	427
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Apr-2020	21	408
V-Goleta-GRC-Santa Rosa Rd Buellton	1	2-Preliminary Design	Jul-2020	7	489
V-Goleta-GRC-Farren Rd	1	2-Preliminary Design	Apr-2020	13	391
V-Goleta-GRC-Gaviota St Park	1	4-Construction	May-2019 A	344	1,904
V-Goleta-GRC-Popco	1	2-Preliminary Design	Apr-2020	24	436
V-Haskell Station FM-P1B	1	2-Preliminary Design	Dec-2019	5	99

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 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	367
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	37	492
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	10	993
V-SB County-GRC-Parsons	1	3-Detailed Design & Procurement	Sep-2019	25	880
V-SFV Olympic-GRC-Yarmouth Ave	3	2-Preliminary Design	Jul-2020	5	186
V-SFV Olympic-GRC-Killion St	3	2-Preliminary Design	Sep-2020	5	62
V-SFV Olympic-GRC-White Oak Ave ⁽⁵⁾	1	TBD	Jan-2021	-	6
V-SFV Bundle Valencia ⁽⁶⁾				7	124
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	8	191
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Apr-2020	9	223
V-SFV Valencia-GRC-Eternal Valley	2	1-Initiation & Feasibility	Jun-2020	21	164
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	May-2020	9	151
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Oct-2020	9	143
V-Ventura Station-GRC	6	3-Detailed Design & Procurement	Sep-2019	17	418
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	Nov-2019	112	600
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Mar-2020	26	292
V-SL43-121-GRC-UCLA South ⁽⁵⁾	TBD	TBD	TBD	-	-
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	25	8,368
V-L1018-P1B-Alipaz	1	5-Close-Out	May-2018 A	8	1,800
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	2	1,224
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	5	2,843
V-L1018-P1B-Camino Capistrano	1	5-Close-Out	Sep-2018 A	11	3,990
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	12	2,202
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	152	3,182
V-29 Palms-P1B-Indian Canyon	1	5-Close-Out	Oct-2017 A	(4)	1,355
V-29 Palms-P1B-Mohawk Trail	1	5-Close-Out	Feb-2018 A	7	945
V-29 Palms-P1B-Sunburst St	1	5-Close-Out	May-2018 A	35	1,518
V-29 Palms-P1B-Utah Trail	1	5-Close-Out	Jan-2018 A	5	1,262
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	33	5,888
V-SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	(127)	1,222
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	27	11,294
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	1	1,292
V-L4000-P1B-Camp Rock Rd	1	5-Close-Out	Dec-2018 A	17	1,271
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	10	1,301
V-L4000-P1B-Desert View Rd	1	5-Close-Out	Oct-2018 A	(31)	1,917
V-L4000-P1B-Devore Stn	3	5-Close-Out	Sep-2018 A	15	1,493
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	19	3,802
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	4	3,631
V-L7000-P1B-Rd 68 & Ave 232	1	Closed	Jan-2018 A	-	2,000
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	5	523
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	644
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	(17)	1,394
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	-	390
V-Aviation-P1B-Aviation and 104th	5	Closed	Apr-2017 A	-	9,647
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	Closed	Oct-2017 A	-	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	23	1,922
V-Banning Airport	2	Closed	Apr-2015 A	-	1,755
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	22	1,766
V-Brea Hacienda Bundle-P1B ⁽⁶⁾				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	2	1,082
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	2	479
V-Brea-P1B-Brea Canyon	3	5-Close-Out	Oct-2017 A	7	1,339
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	1	487
V-Burbank-P1B-Riverside & Agnes	1	4-Construction	Oct-2018 A	14	562
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	(1)	1,333
V-Del Amo Station-P1B	3	5-Close-Out	Jan-2018 A	11	1,501
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	13	1,554
V-Fontana 4002-P1B-Etiwand & 4th	1	Closed	Apr-2017 A	-	1,271
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	1	547
V-Indio 2016-P1B	2	Closed	Aug-2017 A	5	1,392
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	5	1,791
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	2	1,968
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	22	3,342
V-Rainbow 2017	2	5-Close-Out	Jul-2018 A	9	1,888
V-Rainbow CV-P1B ⁽⁶⁾				-	204
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	5	464
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	(4)	13
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	1	409
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	13	485
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	27	1,784

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 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	35	2,122
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	9	1,598
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	43	7,382
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	1	952
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	621
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	36	532
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	5	688
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				5,550	330,852

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 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	1,773
Future Filing					
V-1601 Ultrason	1	4-Construction	Apr-2018 A	18	793
V-49-11 & 49-27	1	5-Close-Out	Sep-2016 A	(2)	1,784
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	1	2,131
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	12	727
V-49-23	1	5-Close-Out	Sep-2018 A	17	2,371
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	10	2,386
Total SDG&E Active Valve Projects				57	18,291

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.
- (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
- (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 July 2019

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

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	July 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	-	-
V-L3000-GRC-Mercury Mtn	(1)	68
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	(1)	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 July 2019

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

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	July 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	July 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 July 2019

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

Table 1 - SoCalGas Cost Summary

Cost Type	July 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	10,750	1,263,042
Active Pipeline Projects ^{A-K}	10,741	1,261,176
Remediated or Removed Pipeline Projects	9	1,866
Total Valve Project Costs	5,550	332,263
Active Valve Projects ^{A-C, F-K}	5,550	330,852
Remediated or Removed Valve Projects	(1)	1,411
Total Records Review and Interim Safety Measure Costs^{A-E}	-	18,436
Total Pipeline and Valve Other Costs	435	27,162
Methane Detectors	-	375
Communications ⁽¹⁾	-	41
Construction ⁽¹⁾	(27)	1,560
Engineering ⁽¹⁾	-	586
Training ⁽¹⁾	16	925
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	(1)	1,938
General Administration ⁽¹⁾	24	18,230
Program Management Office ⁽¹⁾	423	3,477
GRAND TOTAL SOCALGAS PSEP PROJECT COST	16,735	1,640,903

Table 2 - SDG&E Cost Summary

Cost Type	July 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	1,173	403,040
Active Pipeline Projects ^{A-K}	1,173	403,040
Remediated or Removed Pipeline Projects	-	-
Total Valve Projects	57	18,291
Active Valve Projects ^{A-C, F-K}	57	18,291
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	630	4,466
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	-	18
Engineering ⁽¹⁾	-	31
Training ⁽¹⁾	-	-
Gas Control ⁽¹⁾	-	1
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	9	2,214
General Administration ⁽¹⁾	(6)	1,091
Program Management Office ⁽¹⁾	627	967
GRAND TOTAL SDG&E PSEP PROJECT COST	1,859	427,218

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 July 2019 and project-to-date costs from May 2012 to July 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 July 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$3,593,622 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 \$43.2 million of amortization revenues to-date.

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

(E) As of July 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$525 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 July 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$47,804,786 which includes balancing account interest and reflects approximately \$102 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 SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of July 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,811,811 which includes balancing account interest and approximately \$6.8 million of amortization revenues to-date.

(I) As of July 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$251,415,437 which includes balancing account interest and reflects approximately \$155.2 million of amortization revenues to-date.

(J) As of July 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$71,016,249 which includes balancing account interest and approximately \$33.4 million of amortization revenues to-date.

(K) As of July 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$10,323,859 which includes balancing account interest.