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September 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-August 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 August 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

August 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 August 2019.

II. Current Project Status

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

Pipelines (Appendix A):

- New construction activity began on one pipeline projects (Stage 4)
 - 38-556-P2-01 (Tipton, Porterville)
- 12 pipeline projects are in construction (Stage 4)
- 15 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- New construction activity began on two valve projects (Stage 4)
 - V-L235-GRC-Pisgah Rd (San Bernardino)
 - V-L3000-GRC-Eagle Peak (Needles, San Bernardino)
- 15 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 and SoCalGas Pipeline Projects Remediated or Removed Table 3, Footnote 2:**

The following projects have been descoped; therefore, they have been removed from SoCalGas Active projects table and added to the SoCalGas Projects Remediated and Removed table: 2001E-P2-Blythe Repl, 41-6001-1-P2A, 203-P2A, 214-P2A and 41-6001-1A-P2A.

- **Appendix A SoCalGas Active Pipeline Projects Table 1, Footnote 16:**

Pipeline project Line 6921 Dowden & Kershaw project lifecycle stage was revised to Stage 4 to accurately reflect the status of the project.

- **Appendix B SoCalGas Active Valve Projects Table 1, Footnote 7:**

The following projects have been renamed:

- Project V-El Segundo-P1B-Scattergood Raytheon has been renamed, "V-L1173-GRC-Raytheon."
- Project V-El Segundo-P1B-Scattergood Northrop has been renamed, "V-L1177-GRC-Northrop."

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

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 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	9,725
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⁾					5	7
2000-C-P2	21.64	4-Construction	1947	May-2019 A	2,435	6,797
2000-C-CHLA-P2	4.85	2-Preliminary Design	1947	Jan-2020	26	140
2000-D-BADL-P2	7.47	2-Preliminary Design	1947	Oct-2020	3	791
2000-Moreno Replacement ⁽¹⁴⁾	TBD	3-Detailed Design & Procurement	1947	May-2020	14	166
36-1002-P1B-01 ⁽¹²⁾	16.68	2-Preliminary Design	1928	Aug-2020	44	2,055
36-37-P1B-11A	1.49	4-Construction	1927	Jun-2019 A	2,461	8,467
36-37-P1B-11B	4.71	5-Close-Out	1927	Jul-2018 A	(65)	36,081
36-37-P1B-11C	1.51	4-Construction	1927	Jun-2019 A	1,899	4,394
36-37-P1B-12 ⁽¹³⁾	30.92	4-Construction	1927	Feb-2019 A	531	12,040
38-514-P1B-03	1.38	3-Detailed Design & Procurement	1945	Sep-2019	35	1,197
38-556-P2-01	5.63	4-Construction	1956	Aug-2019 A	965	2,604
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	26	13,101
43-121-P1B-01	0.26	4-Construction	1930	Jul-2019 A	2,627	4,062
45-1001-P1B-01 & 36-1001-P1B-01	1.44	3-Detailed Design & Procurement	1925	Sep-2019	67	1,316
7043-P1B-01	0.00	3-Detailed Design & Procurement	1928	Oct-2019	29	178
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	(12)	14,027
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

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

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 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	-	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	-	16,002
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	-	27,673
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	20	310
1030-P2-Hydro ⁽⁸⁾	25.79	2-Preliminary Design	1955	Feb-2022	10	264
225-P2A-North ⁽⁸⁾⁽⁹⁾	8.11	2-Preliminary Design	1959	Jan-2022	5	570
235W-P2-01 ⁽⁷⁾					1	850
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	Mar-2021	28	394
2000-P2-02 ⁽⁷⁾					-	334
2000 Chino Hills	10.46	3-Detailed Design & Procurement	1947	Oct-2019	69	959
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020	39	196
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Apr-2020	8	141
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾	27.43	2-Preliminary Design	1954	Nov-2021	18	267
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾	5.66	2-Preliminary Design	1953	Apr-2022	13	168
2001 West - C, D & E ⁽⁷⁾					16	1,671
2001WC-P2	8.49	2-Preliminary Design	1953	Feb-2020	48	769
2001WC-CHLA-P2	4.86	2-Preliminary Design	1947	Feb-2020	7	56
2001W-D-P2	10.09	2-Preliminary Design	1950	Mar-2020	14	84
2001W-D-BADL-P2	4.57	2-Preliminary Design	1950	Feb-2021	12	38
2001 West - E	8.89	2-Preliminary Design	1953	Jul-2021	29	54
2005-P2-Hydrotest ⁽⁸⁾⁽¹⁵⁾	0.28	3-Detailed Design & Procurement	1950	Aug-2020	10	228
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	37	995
36-1032-P1B-12	5.16	3-Detailed Design & Procurement	1943	Jul-2020	161	1,550
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	92	1,296
36-1032-P1B-14	1.72	2-Preliminary Design	1928	Jan-2021	72	1,170
36-9-09N-P1B-01 ⁽⁷⁾					-	120
36-9-09N-P1B-12	0.92	4-Construction	1920	Jul-2019 A	2,494	5,035
36-9-09N-P1B-14	1.74	3-Detailed Design & Procurement	1920	Sep-2019	133	2,133
36-9-09N-P1B-15	1.53	3-Detailed Design & Procurement	1920	Oct-2019	126	2,033
36-9-09N-P1B-16	1.74	3-Detailed Design & Procurement	1920	Sep-2019	122	3,063
44-1008-P1B-01	54.86	1-Initiation & Feasibility	1937	Jan-2021	17	1,560
407-P2-01	4.26	3-Detailed Design & Procurement	1951	Apr-2020	41	711
5000-P2-Blythe Repl ⁽⁸⁾	0.01	2-Preliminary Design	1953	Mar-2021	6	119
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.03	2-Preliminary Design	1931	Oct-2020	316	8,141
Future Filing						
103-P1B-01 ⁽¹¹⁾	9.28	5-Close-Out	1941	May-2019 A	9	1,245
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2020	4	85
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	30	727
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	49	1,775
225-South-P2A ⁽⁹⁾⁽¹⁴⁾	10.70	1-Initiation & Feasibility	TBD	TBD	5	5
225-P2-02 ⁽¹⁴⁾	0.04	1-Initiation & Feasibility	1965	TBD	-	227
225-P2-03 ⁽¹⁴⁾	0.06	1-Initiation & Feasibility	1959	TBD	-	192

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 2019 Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
235E-P2-01 Hydro	58.07	3-Detailed Design & Procurement	1960	Jan-2022	19	655
235E-P2-02 Hydro	56.35	3-Detailed Design & Procurement	1960	Mar-2021	23	29
235E-P2-Kelso Repl	0.10	3-Detailed Design & Procurement	1960	Sep-2021	23	71
235E-P2-North Needles Repl	0.03	3-Detailed Design & Procurement	1960	Oct-2020	19	47
235E-P2-Newberry Springs Repl	0.05	3-Detailed Design & Procurement	1960	Oct-2020	11	496
257-P2-01 ⁽¹⁴⁾	0.02	TBD	1961	TBD	-	154
2000-D	3.18	Closed	1947	Sep-2017 A	2	10,537
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Aug-2020	51	1,353
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	173	10,284
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	79	5,819
2001W-P2-02 ⁽¹⁴⁾	TBD	TBD	TBD	TBD	-	73
2006	0.07	3-Detailed Design & Procurement	1953	Sep-2019	65	570
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	-	35,950
SL31-08-P1A-01 ⁽¹⁴⁾	TBD	1-Initiation & Feasibility	TBD	Aug-2020	4	4
31-09-C	1.01	2-Preliminary Design	1968	May-2020	-	42
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	-	12,485
33-121	0.48	Closed	1955	Jan-2018 A	-	4,589
33-750	0.57	1-Initiation & Feasibility	1946	Jul-2021	20	264
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	1-Initiation & Feasibility	1932	Oct-2020	1	5
36-9-09 North Section 5B-02	0.25	5-Close-Out	1932	Nov-2018 A	332	6,078
36-9-09 North Section 6B	1.55	Closed	1955	Oct-2017 A	23	15,853
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	1	16,669
38-1102-P1B-01 ⁽¹⁴⁾	0.00	2-Preliminary Design	1963	TBD	4	686
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	1,195	9,066
38-101-P1B-03 ⁽¹²⁾⁽¹⁴⁾	5.21	4-Construction	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	2	257
41-6000-1-P2A ⁽¹¹⁾	7.43	1-Initiation & Feasibility	1948	Feb-2023	36	86
41-6000-2 Abandonment ⁽¹³⁾	27.46	5-Close-Out	1948	Aug-2018 A	80	9,774
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	30	19,331
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A ⁽¹⁴⁾	45.91	TBD	1960	TBD	63	112
3000E-P2A ⁽¹⁴⁾	115.08	TBD	1957	TBD	28	90
43-121N-P1A-02	0.13	Closed	1930	Apr-2017 A	-	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	-	4,799
43-121N-P1A-04	0.77	Closed	1930	Aug-2017 A	-	12,822
44-137 Caltrans Removal	0.00	5-Close-Out	1950	May-2019 A	13	639
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	(6)	92,030
404 Section 4A	0.79	4-Construction	1944	Aug-2018 A	113	12,145
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	25	8,988
406-P2-01 ⁽¹⁴⁾	14.35	1-Initiation & Feasibility	1951	TBD	-	654
38-2101-P2A	9.01	1-Initiation & Feasibility	1947	Feb-2023	10	50
6921 Dowden & Kershaw ⁽¹⁶⁾	0.01	4-Construction	N/A	Apr-2018 A	9	1,593
85 ⁽¹⁰⁾⁽¹⁴⁾	61.07	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	4-Construction	1944	May-2019 A	35	3,698
Total SoCalGas Active Pipeline Projects⁽¹⁵⁾					17,641	1,278,623

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

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 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	-	4,347
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	15	34,815
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	35	49,295
Future Filing						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	31	29,817
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018 A	185	8,260
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	71	5,101
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	71	70,164
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	(83)	36,620
49-25	1.74	Closed	1960	Aug-2014 A	3	24,718
49-26	3.46	5-Close-Out	1958	Oct-2014 A	(353)	38,062
49-32-L	0.24	Closed	1965	Aug-2016 A	(8)	8,267
Line 1600						
1600 South					-	7
1600 ⁽⁶⁾					6	13
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	36	3,430
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	9	865
1600-P1B-MCAS South	0.84	1-Initiation & Feasibility	1949	Aug-2023	9	880
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	20	920
1600-P1B-Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	11	796
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	117	5,369
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	61	1,863
1600-P1B-Midway Dr	3.00	3-Detailed Design & Procurement	1949	Jan-2020	517	4,010
1600-P1B-Pomerado Rd North	5.84	1-Initiation & Feasibility	1949	Mar-2021	233	5,630
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	8	614
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	16	564
1600-P1B-Bear Valley Pkwy	3.55	2-Preliminary Design	1949	Feb-2021	103	3,214
1600-P1B-Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	76	3,228
1600-P1B-Scripps Poway Pkwy	3.52	1-Initiation & Feasibility	1949	Nov-2021	23	2,288
1600-P1B-Black Mtn	4.10	2-Preliminary Design	1949	Apr-2020	392	4,566
1600-P1B-MCAS North	0.41	1-Initiation & Feasibility	1949	Apr-2023	12	1,118
1600-P1B-MCAS Central	1.30	1-Initiation & Feasibility	1949	Jun-2023	28	1,444
1600-P1B-Kearny Mesa	1.58	2-Preliminary Design	1949	Nov-2020	224	2,103
1600-P1B-Serra Mesa	4.27	2-Preliminary Design	1949	Jun-2020	346	5,123
Total SDG&E Active Pipeline Projects					2,216	405,256

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) The following projects have been descoped; therefore, they have been removed from SoCalGas Active projects table and added to the SoCalGas Projects Remediated and Removed table: 2001E-P2-Blythe Repl, 41-6001-1-P2A, 203-P2A, 214-P2A and 41-6001-1A-P2A
- (16) The Pipeline project 6921 Dowden & Kershaw project lifecycle stage was revised to Stage 4 to accurately reflect the status of the project

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

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

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	August 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	-	-
203-P2A ⁽²⁾	1	11
214-P2A ⁽²⁾	1	12
235 East	-	-
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
2001E-P2-Blythe Repl ⁽²⁾	3	144
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	-	-

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

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

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

Pipeline Project	August 2019 Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
3000-261.73-BR	-	-
41-04-I	-	11
41-05	-	6
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	-	-
41-6001-1-P2A ⁽²⁾	-	16
41-6001-1A-P2A ⁽²⁾	-	12
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	1,260
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed⁽²⁾	14	2,071

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	August 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.

(2)The following projects have been descoped; therefore, they have been removed from SoCalGas Active projects table and added to the SoCalGas Projects Remediated and Removed table: 2001E-P2-Blythe Repl, 41-6001-1-P2A ,203-P2A , 214-P2A and 41-6001-1A-P2A.

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

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

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Start Date ⁽³⁾ (Month-Year)	August 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	24	500
V-L115-GRC-Pierce	3	3-Detailed Design & Procurement	Oct-2019	67	1,251
V-L115-GRC-Randall	3	2-Preliminary Design	Nov-2019	1	10
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	9	280
V-L1017-GRC-Bristol	2	2-Preliminary Design	Dec-2019	172	511
V-L1017-GRC-Dyer	1	4-Construction	Jul-2019 A	1,073	3,276
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Apr-2020	6	331
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Apr-2020	13	146
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	May-2020	14	129
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Apr-2020	2	149
V-235-335 West-GRC-Agua Dulce Canyon	3	3-Detailed Design & Procurement	Dec-2019	86	369
V-235-335 West-GRC-Shannon Valley	2	2-Preliminary Design	Jun-2020	19	184
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Apr-2020	5	125
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Jun-2020	9	129
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Aug-2019	14	176
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Mar-2020	3	182
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Mar-2020	3	114
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	May-2020	3	137
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Feb-2020	1	155
V-L235-GRC-Oro Mtn	1	3-Detailed Design & Procurement	Aug-2019	8	142
V-L235-GRC-Pisgah Rd	0	4-Construction	Aug-2019	41	160
V-L235-GRC-Sacramento Mtn	0	3-Detailed Design & Procurement	Jan-2020	8	186
V-L235-GRC-Stoddard Wells Rd	1	3-Detailed Design & Procurement	Oct-2019	29	163

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	August 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	127	810
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	13	358
V-SL32-21-GRC-Crosby St	1	3-Detailed Design & Procurement	Sep-2019	28	336
V-SL33-120-P1B ⁽⁵⁾	1	TBD	Jan-2021	-	50
V-SL38-504-GRC-Green And 4th	0	2-Preliminary Design	Jul-2020	11	157
V-L324-GRC-Center Rd Stn	3	2-Preliminary Design	Nov-2019	32	224
V-L324-GRC-Happy Camp	1	3-Detailed Design & Procurement	Oct-2019	83	307
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	3	173
V-L324-GRC-Sence Ranch	1	4-Construction	Jul-2019 A	163	371
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Oct-2020	37	222
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Oct-2020	27	198
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	1-Initiation & Feasibility	Jan-2021	16	71
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon R	0	1-Initiation & Feasibility	May-2021	1	6
V-L2000 And L2051 Fault Isolation-GRC-Monroe St	2	1-Initiation & Feasibility	Jan-2021	15	74
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jul-2020	4	182
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2020	6	168
V-L3000-GRC-Eagle Peak	1	4-Construction	Aug-2019	13	315
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	9	913
V-L3000-GRC-Marble Mtn	1	4-Construction	Jul-2019 A	(65)	553
V-L3000-GRC-Piute	1	4-Construction	Jun-2019 A	133	868
V-L3000-GRC-Route 66	1	3-Detailed Design & Procurement	Apr-2020	2	170
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Aug-2020	7	171
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	217	2,280
V-43-121-P1B	2	2-Preliminary Design	May-2020	23	863
V-L406-GRC-Burbank Etiwanda	2	2-Preliminary Design	Mar-2020	32	342
V-L407-L1205-GRC-San Vicente	6	3-Detailed Design & Procurement	Oct-2019	60	2,147
V-L6906-GRC-Arrow Route Stn	2	2-Preliminary Design	Sep-2019	17	91
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Mar-2021	5	48
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	6	67
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Dec-2019	3	125
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	1	71
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Nov-2019	10	297
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Nov-2019	63	320
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	11	528
V-L85-GRC-Rising Canyon Rd	1	4-Construction	Jul-2019 A	373	616
V-L85-GRC-Twisselman Rd	1	4-Construction	Jul-2019 A	257	567
V-L800-GRC-Nevada Ave	1	3-Detailed Design & Procurement	Nov-2019	24	210
V-L800-GRC-Murphy Ranch Rd	1	3-Detailed Design & Procurement	Dec-2019	25	166
V-L800-GRC-Lemoore Junction	2	3-Detailed Design & Procurement	Sep-2019	34	258
V-L8109-GRC-Arundell ⁽⁵⁾	1	TBD	Jan-2021	-	25
V-L8109-GRC-Casita Springs ⁽⁵⁾	1	TBD	Nov-2020	-	36
V-L8109-GRC-Cuyama Meter Stn ⁽⁵⁾	1	TBD	Aug-2020	10	95
V-L8109-GRC-Hall Canyon ⁽⁵⁾	1	TBD	Oct-2020	-	64
V-L8109-GRC-Live Oaks ⁽⁵⁾	1	TBD	Sep-2020	-	63
V-L8109-GRC-Sheep Camp ⁽⁵⁾	1	TBD	Jan-2021	-	29
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2020	2	282
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Jan-2020	5	348
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jun-2020	6	355
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	7	1,198
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	Sep-2020	5	803
V-Blythe-P1B-Chuckawalla ⁽⁵⁾	2	TBD	Jan-2021	2	51
V-Blythe-GRC-Ford Dry Lake ⁽⁵⁾	3	TBD	Jul-2020	6	67
V-Blythe-GRC-Hayfield Stn ⁽⁵⁾	3	TBD	Aug-2020	1	26
V-Brea-GRC-Lincoln	1	5-Close-Out	Apr-2019 A	42	1,858
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	6	340
V-Burbank & Lindley-P1B				-	-
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Oct-2020	3	293
V-Burbank-GRC-Verdugo & Reese	3	3-Detailed Design & Procurement	Oct-2019	36	594
V-Cabazon-GRC-Milard Pass Rd	1	2-Preliminary Design	Jun-2020	10	50
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Jul-2020	12	57
V-Carpinteria-GRC-Conoco	1	5-Close-Out	May-2019 A	45	1,408
V-Chestnut And Grand-GRC	4	3-Detailed Design & Procurement	Sep-2019	28	423
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Apr-2020	21	630
V-El Segundo-P1B-Scattergood ⁽⁶⁾				32	2,398
V-L1173-GRC-Raytheon ⁽⁵⁾⁽⁷⁾	1	TBD	Oct-2020	54	54
V-L1177-GRC-Northrop ⁽⁵⁾⁽⁷⁾	1	TBD	Nov-2020	31	32
V-Glendale Bundle-P1B ⁽⁶⁾				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Apr-2020	32	442
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Feb-2020	30	457
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Apr-2020	20	429
V-Goleta-GRC-Santa Rosa Rd Buellton	1	2-Preliminary Design	Jul-2020	4	493
V-Goleta-GRC-Farren Rd	1	2-Preliminary Design	Apr-2020	9	400
V-Goleta-GRC-Gaviota St Park	1	4-Construction	May-2019 A	95	1,999
V-Goleta-GRC-Popco	1	2-Preliminary Design	Apr-2020	8	444
V-Haskell Station FM-P1B	1	2-Preliminary Design	Dec-2019	7	106

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	August 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	371
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	31	523
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	12	1,005
V-SB County-GRC-Parsons	1	3-Detailed Design & Procurement	Sep-2019	21	902
V-SFV Olympic-GRC-Yarmouth Ave	3	2-Preliminary Design	Jul-2020	5	191
V-SFV Olympic-GRC-Killion St	3	2-Preliminary Design	Sep-2020	3	66
V-SFV Olympic-GRC-White Oak Ave ⁽⁵⁾	1	TBD	Jan-2021	3	9
V-SFV Bundle Valencia ⁽⁶⁾				10	134
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	12	203
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Apr-2020	16	239
V-SFV Valencia-GRC-Eternal Valley	2	1-Initiation & Feasibility	Jun-2020	19	183
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	May-2020	18	169
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Oct-2020	9	152
V-Ventura Station-GRC	4	3-Detailed Design & Procurement	Sep-2019	41	459
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	Nov-2019	63	663
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Mar-2020	26	318
V-SL43-121-GRC-UCLA South ⁽⁵⁾	TBD	TBD	TBD	-	-
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	5	8,373
V-L1018-P1B-Alipaz	1	5-Close-Out	May-2018 A	11	1,810
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	-	1,225
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	2	2,845
V-L1018-P1B-Camino Capistrano	1	5-Close-Out	Sep-2018 A	390	4,379
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	33	2,235
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	23	3,205
V-29 Palms-P1B-Indian Canyon	1	5-Close-Out	Oct-2017 A	1	1,356
V-29 Palms-P1B-Mohawk Trail	1	Closed	Feb-2018 A	8	953
V-29 Palms-P1B-Sunburst St	1	Closed	May-2018 A	7	1,524
V-29 Palms-P1B-Utah Trail	1	5-Close-Out	Jan-2018 A	1	1,263
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	8	5,896
V-SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	(92)	1,130
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	5	11,299
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	1	1,293
V-L4000-P1B-Camp Rock Rd	1	5-Close-Out	Dec-2018 A	4	1,275
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	12	1,313
V-L4000-P1B-Desert View Rd	1	5-Close-Out	Oct-2018 A	6	1,923
V-L4000-P1B-Devore Stn	3	5-Close-Out	Sep-2018 A	3	1,496
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	5	3,807
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	11	3,642
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	8	532
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	644
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	2	1,396
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	8	398
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	Closed	Apr-2018 A	1	1,923
V-Banning Airport	2	Closed	Apr-2015 A	-	1,755
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	(1)	1,764
V-Brea Hacienda Bundle-P1B ⁽⁶⁾				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	1	1,083
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	1	479
V-Brea-P1B-Brea Canyon	3	5-Close-Out	Oct-2017 A	15	1,355
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	1	488
V-Burbank-P1B-Riverside & Agnes	1	4-Construction	Oct-2018 A	57	619
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	14	1,347
V-Del Amo Station-P1B	3	5-Close-Out	Jan-2018 A	8	1,509
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	-	1,555
V-Fontana 4002-P1B-Etiwand & 4th	1	Closed	Apr-2017 A	1	1,272
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	1	548
V-Indio 2016-P1B	2	Closed	Aug-2017 A	-	1,392
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	-	1,791
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	2	1,970
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	19	3,361
V-Rainbow 2017	2	5-Close-Out	Jul-2018 A	12	1,900
V-Rainbow CV-P1B ⁽⁶⁾				-	204
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	6	470
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	(11)	2
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	3	412
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	10	494
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	1	1,785

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	August 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	39	2,161
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	13	1,611
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	5-Close-Out	Nov-2018 A	31	7,413
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	10	962
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	621
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	(39)	494
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	28	715
V-Western/Del Rey Bundle-P1B ⁽⁶⁾				-	10
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacc	1	Closed	Nov-2017 A	-	495
Total SoCalGas Active Valve Projects				4,985	335,840

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	August 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)	1,772
Future Filing					
V-1601 Ultrason	1	5-Close-Out	Apr-2018 A	45	838
V-49-11 & 49-27	1	5-Close-Out	Sep-2016 A	28	1,811
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	164	2,296
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	21	748
V-49-23	1	5-Close-Out	Sep-2018 A	16	2,387
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	20	2,406
Total SDG&E Active Valve Projects				292	18,582

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.
- (7) Project names for the following projects have been renamed as, "V-El Segundo-P1B-Scattergood Raytheon" to "V-L1173-GRC-Raytheon" and "V-El Segundo-P1B-Scattergood Northrop" to "V-L1177-GRC-Northrop"

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

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

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	August 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	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	(2)	17
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)	1,410

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 August 2019

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

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	August 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	August 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 August 2019

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

Table 1 - SoCalGas Cost Summary

Cost Type	August 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	17,655	1,280,694
Active Pipeline Projects ^{A-K}	17,641	1,278,623
Remediated or Removed Pipeline Projects	14	2,071
Total Valve Project Costs	4,984	337,250
Active Valve Projects ^{A-C, F-K}	4,985	335,840
Remediated or Removed Valve Projects	(1)	1,410
Total Records Review and Interim Safety Measure Costs^{A-E}	-	18,436
Total Pipeline and Valve Other Costs	617	27,779
Methane Detectors	-	375
Communications ⁽¹⁾	-	41
Construction ⁽¹⁾	4	1,564
Engineering ⁽¹⁾	-	586
Training ⁽¹⁾	61	986
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	(1)	1,937
General Administration ⁽¹⁾	50	18,280
Program Management Office ⁽¹⁾	502	3,979
GRAND TOTAL SOCALGAS PSEP PROJECT COST	23,255	1,664,158

Table 2 - SDG&E Cost Summary

Cost Type	August 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	2,216	405,256
Active Pipeline Projects ^{A-K}	2,216	405,256
Remediated or Removed Pipeline Projects	-	-
Total Valve Projects	292	18,582
Active Valve Projects ^{A-C, F-K}	292	18,582
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	(19)	4,447
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	-	18
Engineering ⁽¹⁾	-	31
Training ⁽¹⁾	-	-
Gas Control ⁽¹⁾	-	1
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	81	2,295
General Administration ⁽¹⁾	1	1,091
Program Management Office ⁽¹⁾	(101)	866
GRAND TOTAL SDG&E PSEP PROJECT COST	2,488	429,707

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 August 2019 and project-to-date costs from May 2012 to August 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 August 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$3,170,572 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 \$43.6 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the July 2019 to August 2019 report because amortization exceeds interest for the current month.

(E) As of August 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$526 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 August 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$45,461,793 which includes balancing account interest and reflects approximately \$104.9 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' SEEBAA has decreased from the July 2019 to August 2019 report because amortization exceeds O&M cost for the current month.

(G) Pursuant to D.16-08-003, SoCalGas and SDG&E are authorized interim rate recovery of 50% of the recorded balances, reduced by amounts currently under review by the Commission, in their SEEBAA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of August 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$5,779,165 which includes balancing account interest and approximately \$6.9 million of amortization revenues to-date.

(I) As of August 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$253,013,362 which includes balancing account interest and reflects approximately \$166.4 million of amortization revenues to-date.

(J) As of August 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$71,887,266 which includes balancing account interest and approximately \$35.7 million of amortization revenues to-date.

(K) As of August 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$11,192,582 which includes balancing account interest.