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January 31, 2020

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-December 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 December 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

December 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 December 2019.

II. Current Project Status

SoCalGas and SDG&E have undertaken the following PSEP-related activities for the month of December 2019:

Pipelines (Appendix A):

- New construction activity began on zero pipeline projects (Stage 4)
- 5 pipeline projects are in construction (Stage 4)
- 24 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- New construction activity began on two valve projects (Stage 4)
 - V-L235 GRC-Stoddard Wells Rd (San Bernardino)
 - V-L324-GRC Happy Camp (Moorpark)
- 11 valve projects are in construction (Stage 4)
- 31 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*

V. Notes

- **Appendix A SoCalGas Active Pipeline Projects Table 1 and 2 Footnote 2, and**
 - **Appendix B SoCalGas Active Valve Projects Table 1 and 2 Footnote 2:**
- Note that Project Life Cycle 'Stage 3 Detailed Design & Procurement' has been renamed to 'Stage 3 Project Development'.

¹ D.12-04-021 at 7 and 12 (Ordering Paragraph 4).

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

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

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
PSRMA Application (A.14-12-016)						
2000-A	15.29	Closed	1947	Jul-2013 A	-	26,490
42-66-1&2	0.06	Closed	1947	Oct-2013 A	-	830
Playa Del Rey Phase 1&2	0.13	Closed	1955	Mar-2013 A	-	750
2016 Reasonableness Review Application (A.16-09-005)						
1005	0.03	Closed	1951	Sep-2014 A	-	6,476
1011	0.08	Closed	1947	Jul-2014 A	-	2,657
1013	0.03	Closed	1956	Jul-2014 A	-	2,738
1014	0.00	Closed	1959	Oct-2014 A	-	928
1015	0.41	Closed	1954	Aug-2014 A	-	2,672
235 West	0.03	Closed	1957	Jun-2014 A	-	3,975
235W Sawtooth Canyon	0.32	Closed	1957	Oct-2014 A	-	2,050
2000-West Section 1,2,3	14.57	Closed	1945	Jul-2014 A	-	24,836
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	822
2001 West-B Section 10,11,14	2.94	Closed	1950	Aug-2014 A	-	13,027
2003	0.25	Closed	1953	Aug-2014 A	-	9,716
33-120 Section 2	0.28	Closed	1940	Jun-2014 A	-	7,640
35-20-N	0.01	Closed	1963	Aug-2014 A	-	285
36-1032	0.65	Closed	1928	May-2014 A	-	10,879
36-37	0.01	Closed	1970	Apr-2014 A	-	1,201
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 ⁽¹⁴⁾	0.00	2-Preliminary Design	1944	TBD	-	304
2000-C, D & E ⁽⁵⁾⁽⁷⁾					0	9
2000-C-P2	21.6	5-Close-Out	1947	May-2019 A	1,049	14,682
2000-C-CHLA-P2	4.9	3-Project Development	1947	Jan-2020	112	441
2000-D-BADL-P2	7.8	2-Preliminary Design	1947	Sep-2021	2	958
2000-Moreno Replacement	0.1	3-Project Development	1947	May-2020	122	376
36-1002-P1B-01 ⁽¹²⁾	16.7	2-Preliminary Design	1928	Aug-2020	42	2,225
36-37-P1B-11A	1.5	5-Close-Out	1927	Jun-2019 A	140	15,079
36-37-P1B-11B	4.7	5-Close-Out	1927	Jul-2018 A	33	36,075
36-37-P1B-11C	1.5	4-Construction	1927	Jun-2019 A	2,999	8,006
36-37-P1B-12 ⁽¹³⁾	30.9	4-Construction	1927	Feb-2019 A	2,925	17,379
38-514-P1B-03	1.4	5-Close-Out	1945	Sep-2019 A	290	5,211
38-556-P2-01	5.6	5-Close-Out	1956	Aug-2019 A	180	7,829
38-960-P1B-01	6.1	5-Close-Out	1928	Jul-2018 A	15	13,137
43-121-P1B-01	0.3	5-Close-Out	1930	Jul-2019 A	22	4,599
45-1001-P1B-01 & 36-1001-P1B-01	1.6	3-Project Development	1925	Feb-2020	86	1,606
7043-P1B-01	0.0	5-Close-Out	1928	Oct-2019 A	33	372
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	0	14,027
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	0	9,462
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015 A	0	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	-	832
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	(0)	2,492
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	-	53,883
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	-	11,708
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	0	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	-	1,938
37-07	3.22	Closed	1945	Sep-2014 A	0	31,300
37-18	4.06	Closed	1945	Oct-2014 A	1	50,387
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,617

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

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

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (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	-	8,588
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	5,400
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	(65)	2,182
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	0	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	0	27,673
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	0	10,994
404 Section 1	0.03	Closed	1944	Sep-2015 A	(0)	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	0	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	0	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	0	6,685
404 Section 9	0.41	Closed	1944	Jun-2016 A	0	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	-	84,848
85 South Newhall	0.17	Closed	1930	Dec-2014 A	-	9,889
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.77	3-Project Development	1947	May-2020	(2)	237
1030-P2-Hydro ⁽⁸⁾	25.79	2-Preliminary Design	1955	Feb-2022	2	273
225-P2A-North ⁽⁸⁾⁽⁹⁾	8.11	2-Preliminary Design	1959	Sep-2022	1	584
235W-P2-01 ⁽⁷⁾					153	318
235 West Sec 1	24.7	2-Preliminary Design	1957	TBD	-	-
235 West Sec 2	20.4	2-Preliminary Design	1957	TBD	73	73
235 West Sec 3	26.9	2-Preliminary Design	1957	TBD	22	22
2000-E ⁽⁵⁾⁽⁷⁾	8.88	2-Preliminary Design	1947	Mar-2021	(7)	376
2000-P2-02 ⁽⁷⁾					-	334
2000 Chino Hills	10.48	3-Project Development	1947	Sep-2020	-	312
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Nov-2020	0	287
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	May-2020	67	201
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾	27.43	2-Preliminary Design	1954	Nov-2021	1	271
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾	5.66	2-Preliminary Design	1953	Apr-2022	0	171
2001 West - C, D & E ⁽⁷⁾					(96)	1,644
2001WC-P2	8.49	2-Preliminary Design	1953	Feb-2020	(21)	(6)
2001WC-CHLA-P2	4.86	2-Preliminary Design	1947	Feb-2020	2	48
2001W-D-P2	9.39	2-Preliminary Design	1950	Mar-2020	11	58
2001W-D-BADL-P2	4.57	2-Preliminary Design	1950	Feb-2021	(21)	42
2001 West - E	8.89	2-Preliminary Design	1953	Jul-2021	(6)	54
2005-P2-Hydrotest ⁽⁸⁾⁽¹⁵⁾	0.31	3-Project Development	1950	Aug-2020	1	147
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	42	1,130
36-1032-P1B-12	5.16	3-Project Development	1943	Jul-2020	84	2,044
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	38	1,441
36-1032-P1B-14	1.73	3-Project Development	1928	Jan-2021	39	1,352
36-9-09N-P1B-01 ⁽⁷⁾					0	0
36-9-09N-P1B-12	0.92	5-Close-Out	1920	Jul-2019 A	1,507	10,930
36-9-09N-P1B-14	1.87	4-Construction	1920	Nov-2019 A	1,458	4,140
36-9-09N-P1B-15	1.07	3-Project Development	1920	Mar-2020	933	3,378
36-9-09N-P1B-16	1.73	4-Construction	1920	Oct-2019 A	5,962	13,313
44-1008-P1B-01	54.85	1-Initiation & Feasibility	1937	Jan-2021	18	1,735
407-P2-01	4.26	3-Project Development	1951	May-2020	14	466
5000-P2-Blythe Repl ⁽⁸⁾	0.01	2-Preliminary Design	1953	Mar-2021	4	159
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.0	2-Preliminary Design	1931	Apr-2021	385	9,408
Future Filing						
103-P1B-01 ⁽¹²⁾	9.28	5-Close-Out	1941	May-2019	30	1,295
128-P1B-01	0.44	2-Preliminary Design	1945	Oct-2020	8	103
133-P2-01 ⁽¹⁴⁾	3.2	1-Initiation & Feasibility	1946	TBD	-	178
L1004-P1A SECTIONS 1 & 3 HYDRO	2.50	1-Initiation & Feasibility		TBD	665	668
1004-P1B-01	4.81	1-Initiation & Feasibility	1944	Jul-2020	(614)	412
1004-P2-01 ⁽¹⁴⁾	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 ⁽¹⁴⁾	15.25	1-Initiation & Feasibility	1951	TBD	-	305
225	3.24	3-Project Development	1959	Feb-2021	42	1,943
225-South-P2A ⁽⁹⁾⁽¹⁴⁾	10.70	1-Initiation & Feasibility	TBD	Jan-2023	40	71
225-P2-02 ⁽¹⁴⁾	0.04	1-Initiation & Feasibility	1965	TBD	4	231
225-P2-03 ⁽¹⁴⁾	0.1	1-Initiation & Feasibility	1959	TBD	-	192

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

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
235E-P2-01 Hydro	58.07	3-Project Development	1960	Jan-2022	80	809
235E-P2-02 Hydro	56.35	3-Project Development	1960	Mar-2021	67	226
235E-P2-Kelso Repl	0.10	3-Project Development	1960	Sep-2021	9	125
235E-P2-North Needles Repl	0.03	3-Project Development	1960	Oct-2020	10	107
235E-P2-Newberry Springs Repl	0.05	3-Project Development	1960	Oct-2020	13	568
257-P2-01 ⁽¹⁴⁾	0.02	1-Initiation & Feasibility	1961	TBD	-	154
2000-D	3.19	Closed	1947	Sep-2017 A	(204)	10,335
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Sep-2021	138	1,677
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	239	12,815
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	42	6,815
2001W-P2-02 ⁽¹⁴⁾	TBD	1-Initiation & Feasibility	TBD	TBD	(73)	1
2006	0.08	5-Close-Out	1953	Sep-2019 A	1,037	5,214
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	(0)	35,950
SL31-08-P1A-01	3.08	1-Initiation & Feasibility	TBD	Aug-2020	28	78
31-09-C	1.34	2-Preliminary Design	1968	May-2020	0	45
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	-	12,477
33-121	0.48	Closed	1955	Jan-2018 A	1	4,589
33-750	0.82	2-Preliminary Design	1946	Jul-2021	42	362
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	-	6,106
36-9-09 North Section 5C	0.61	Closed	1932	Dec-2016 A	2	7,747
36-9-09 North Section 5B-01	0.10	2-Preliminary Design	1932	Apr-2020	47	64
36-9-09 North Section 5B-02	0.28	Closed	1932	Nov-2018 A	39	5,971
36-9-09 North Section 6B	1.73	Closed	1955	Oct-2017 A	60	15,916
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	0	16,668
38-1102-P1B-01 ⁽¹⁴⁾	0.00	2-Preliminary Design	1963	TBD	5	705
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	662	10,927
38-101-P1B-03 ⁽¹²⁾⁽¹⁴⁾	5.2	TBD	TBD	TBD	-	-
38-143-P1B-01 ⁽¹⁴⁾	4.42	2-Preliminary Design	1935	TBD	5	764
38-362-P2-01 ⁽¹⁴⁾	7.31	1-Initiation & Feasibility	1956	TBD	-	242
38-539-P2-01 ⁽¹⁴⁾	12.56	1-Initiation & Feasibility	1947	TBD	-	291
38-952-P2-01 ⁽¹⁴⁾	9.22	1-Initiation & Feasibility	1950	TBD	2	278
41-6000-1-P2A ⁽¹¹⁾	7.43	2-Preliminary Design	1948	Feb-2023	10	145
41-6000-2 Abandonment ⁽¹¹⁾	27.80	5-Close-Out	1948	Aug-2018 A	341	13,951
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	69	19,486
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A	45.92	1-Initiation & Feasibility	1960	Apr-2023	45	236
3000E-P2A	115.07	2-Preliminary Design	1957	Apr-2025	50	229
43-121N-P1A-02	0.16	Closed	1930	Apr-2017 A	-	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	-	4,798
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	5	488
44-707-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1969	TBD	-	172
44-729-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1958	TBD	-	319
45-120 Section 2	3.59	Closed	1930	Sep-2014 A	-	92,029
404 Section 4A	0.78	5-Close-Out	1944	Aug-2018 A	1,077	15,679
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	46	9,377
406-P2-01 ⁽¹⁴⁾	14.35	1-Initiation & Feasibility	1951	TBD	-	654
38-2101-P2A	9.01	1-Initiation & Feasibility	1947	Feb-2023	9	95
6921 Dowden & Kershaw ⁽¹⁶⁾	0.01	5-Close-Out	N/A	Apr-2018 A	104	1,978
85 ⁽¹⁰⁾⁽¹⁴⁾	61.1	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	5-Close-Out	1944	May-2019 A	984	5,039
Total SoCalGas Active Pipeline Projects⁽¹⁵⁾					23,823	1,354,681

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

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (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	(2)	23,563
49-15	1.78	Closed	1950	Feb-2016 A	-	34,800
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	8	49,344
Future Filing						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	0	29,746
49-16 4th & Palm	0.03	Closed	1958	Jan-2018 A	10	8,253
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	376	5,542
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	31	69,891
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	45	36,595
49-25	1.74	Closed	1960	Aug-2014 A	-	24,719
49-26	3.46	Closed	1958	Oct-2014 A	-	35,038
49-26 Abandonment ⁽¹⁴⁾					2	3,041
49-32-L	0.21	Closed	1965	Aug-2016 A	3	8,183
Line 1600						
1600 South					(0)	(0)
1600 ⁽⁶⁾					(16)	7
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	59	3,665
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	19	982
1600-P1B-MCAS South	0.84	1-Initiation & Feasibility	1949	Aug-2023	18	952
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	25	1,054
1600-P1B-Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	49	923
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	126	5,951
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	53	2,055
1600-P1B-Midway Dr	3.23	3-Project Development	1949	Jan-2020	572	7,171
1600-P1B-Pomerado Rd North	5.84	1-Initiation & Feasibility	1949	Mar-2021	155	6,089
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	16	709
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	16	658
1600-P1B-Bear Valley Pkwy	3.55	2-Preliminary Design	1949	Feb-2021	175	4,269
1600-P1B-Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	52	3,432
1600-P1B-Scripps Poway Pkwy	3.52	1-Initiation & Feasibility	1949	Nov-2021	39	2,444
1600-P1B-Black Mtn	4.10	3-Project Development	1949	Apr-2020	449	8,134
1600-P1B-MCAS North	0.41	1-Initiation & Feasibility	1949	Apr-2023	54	1,247
1600-P1B-MCAS Central	1.30	1-Initiation & Feasibility	1949	Jun-2023	43	1,569
1600-P1B-Kearny Mesa	1.50	3-Project Development	1949	Nov-2020	700	4,060
1600-P1B-Serra Mesa	4.23	3-Project Development	1949	Jun-2020	353	8,415
Total SDG&E Active Pipeline Projects					3,431	421,026

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 Project Development, Stage 4 Construction, Stage 5 Close-out, and Closed. Note " Stage 3 Detailed Design & Procurement" has been renamed to " Stage 3 Project Development "
- (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.

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

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

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	December 2019 ⁽¹⁾ Actuals (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
119 North-P2-01	-	21
169	-	-
173-P2-01 ⁽²⁾	-	6
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	(0)
1024	-	-
1025	-	-
1171LT2	-	-
1171LT1BP2	-	(0)
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	-
203-P2A	-	0
214-P2A	-	(0)
235 East	-	-
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
2001E-P2-Blythe Repl	(6)	-
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	-	(0)
35-20	-	0
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520	-	(0)
36-7-04	-	-
36-1006	10	10
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	-	(0)
36-9-21BR1	-	-
37-04	-	-
37-18 J	-	(0)
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 December 2019

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

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

Pipeline Project	December 2019 ⁽¹⁾ Actuals (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
3000-261.73-BR	-	-
41-04-I	-	11
41-05	-	6
41-05-A	-	-
41-17-A2	-	5
41-17-F	-	(0)
41-17-FST1	-	-
41-19	-	(0)
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	-	0
41-207BR1	-	(0)
41-198	-	-
41-199	-	-
41-6001-1-P2A	-	0
41-6001-1A-P2A	-	0
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	8	1,291
45-163	-	1
408X01	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed ⁽²⁾	12	1,922

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	December 2019 ⁽¹⁾ Actuals (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	0
49-32 ^(Test)	-	-
Total SDG&E Pipeline Projects Remediated or Removed	-	0

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 December 2019

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

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (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	-	2,772
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	5	3,609
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	(9)	7,548
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	0	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	Aug-2020	14	558
V-L115-GRC-Pierce	3	4-Construction	Oct-2019 A	473	2,555
V-L115-GRC-Randall	3	3-Project Development	Jan-2020	(11)	9
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	11	332
V-L1017-GRC-Bristol	3	3-Project Development	Jan-2020	162	864
V-L1017-GRC-Dyer	1	5-Close-Out	Jul-2019 A	118	4,981
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Jan-2021	5	357
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Mar-2020	8	215
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	Feb-2020	11	186
V-L235-GRC-Black Canyon	1	3-Project Development	Jul-2020	5	188
V-235-335 West-GRC-Agua Dulce Canyon	2	3-Project Development	Oct-2020	7	410
V-235-335 West-GRC-Shannon Valley	2	2-Preliminary Design	Aug-2020	13	226
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Jul-2020	15	178
V-L235-GRC-Bristol Mtn	1	3-Project Development	Sep-2020	5	161
V-L235-GRC-Crucero Rd	1	3-Project Development	Jan-2020	14	220
V-L235-GRC-Fernner	1	3-Project Development	Jul-2020	5	208
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Aug-2020	21	156
V-L235-GRC-Kelso Dunes	1	3-Project Development	Aug-2020	3	160
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	May-2020	8	188
V-L235-GRC-Oro Mtn	1	4-Construction	Oct-2019 A	171	773
V-L235-GRC-Pisgah Rd	0	5-Close-Out	Aug-2019 A	62	810
V-L235-GRC-Sacramento Mtn	0	3-Project Development	May-2020	6	212
V-L235-GRC-Stoddard Wells Rd	1	4-Construction	Dec-2019 A	266	469

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-SL32-21-GRC-Alhambra Stn	2	5-Close-Out	Jun-2019 A	22	933
V-SL32-21-GRC-State St	1	3-Project Development	Mar-2020	36	464
V-SL32-21-GRC-Crosby St	1	5-Close-Out	Sep-2019 A	205	1,724
V-SL 31-09-GRC-VALLEY AND FAURE	1	1-Initiation & Feasibility	Feb-2021	3	17
V-SL 31-09-GRC-BARRANCA AND FRONT	1	1-Initiation & Feasibility	Feb-2021	3	19
V-SL33-120-P1B	2	1-Initiation & Feasibility	Jun-2021	4	57
V-SL43-121-GRC-UCLA NORTH ⁽⁷⁾	1	1-Initiation & Feasibility	Mar-2021	(5)	615
V-SL43-121-GRC-UCLA South	1	1-Initiation & Feasibility	Nov-2021	18	299
V-SL38-504-GRC-Green And 4th	1	2-Preliminary Design	Jul-2020	18	239
V-L324-GRC-Center Rd Stn	3	3-Project Development	Jan-2020	44	408
V-L324-GRC-Happy Camp	1	4-Construction	Dec-2019 A	252	601
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	4	186
V-L324-GRC-Sence Ranch	1	5-Close-Out	Jul-2019 A	38	1,026
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Feb-2021	4	258
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Sep-2021	11	232
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	2-Preliminary Design	Jun-2021	9	141
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	May-2021	9	18
V-L2001 And L2051 Fault Isolation-GRC-Monroe St ⁽⁷⁾	2	2-Preliminary Design	Jan-2021	8	142
V-L3000-GRC-Bagdad	1	3-Project Development	Aug-2020	3	218
V-L3000-GRC-Black Ridge	1	3-Project Development	Oct-2020	3	203
V-L3000-GRC-Eagle Peak	1	5-Close-Out	Aug-2019 A	64	1,039
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	(8)	1,049
V-L3000-GRC-Marble Mtn	1	5-Close-Out	Jul-2019 A	(18)	873
V-L3000-GRC-Piute	1	5-Close-Out	Jun-2019 A	8	1,043
V-L3000-GRC-Route 66	0	3-Project Development	Jun-2020	2	208
V-L3001-GRC-Burbank & Lindley	2	1-Initiation & Feasibility	Jul-2021	6	207
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	851	4,812
V-L406-GRC-Burbank Etiwanda	3	2-Preliminary Design	Apr-2020	19	424
V-L407-L1205-GRC-San Vicente	6	4-Construction	Nov-2019 A	2,895	5,964
V-L6906-GRC-Arrow Route Stn	2	3-Project Development	Jan-2020	9	266
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Apr-2021	6	88
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	7	82
V-L765-GRC-Abbot & Atlantic	0	2-Preliminary Design	Jan-2021	1	129
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	0	72
V-L765-GRC-Farragut & Anaheim	0	2-Preliminary Design	Feb-2021	3	307
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Jun-2020	11	367
V-L85-GRC-Ed Pump	1	5-Close-Out	Jan-2019 A	22	575
V-L85-GRC-Rising Canyon Rd	1	5-Close-Out	Jul-2019 A	13	864
V-L85-GRC-Twisselman Rd	1	5-Close-Out	Jul-2019 A	12	643
V-L800-GRC-Nevada Ave	1	3-Project Development	Jul-2020	7	254
V-L800-GRC-Murphy Ranch Rd	1	3-Project Development	Jan-2020	14	217
V-L800-GRC-Lemoore Junction	2	5-Close-Out	Sep-2019 A	82	1,126
V-L8109-GRC-Arundell	1	1-Initiation & Feasibility	Apr-2021	1	26
V-L8109-GRC-Casita Springs	1	1-Initiation & Feasibility	Feb-2021	(1)	38
V-L8109-GRC-Cuyama Meter Stn	1	1-Initiation & Feasibility	Mar-2021	(17)	84
V-L8109-GRC-Hall Canyon	1	1-Initiation & Feasibility	Feb-2021	(1)	68
V-L8109-GRC-Live Oaks	1	1-Initiation & Feasibility	Jan-2021	(1)	67
V-L8109-GRC-Sheep Camp	1	1-Initiation & Feasibility	May-2021	1	32
V-Adelanto-P1B-MLV17	1	3-Project Development	Jun-2021	2	299
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Project Development	Feb-2020	8	387
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jan-2021	3	372
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	11	1,448
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Project Development	Oct-2020	5	828
V-Blythe-P1B-Chuckawalla	2	1-Initiation & Feasibility	Jul-2021	16	100
V-Blythe-GRC-Ford Dry Lake	3	1-Initiation & Feasibility	Jun-2021	21	128
V-Blythe-GRC-Hayfield Stn	3	1-Initiation & Feasibility	May-2021	14	58
V-Brea-GRC-Lincoln	3	5-Close-Out	Apr-2019 A	8	1,941
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	3	354
V-Burbank & Lindley-P1B				(0)	(0)
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Sep-2021	3	304
V-Burbank-GRC-Verdugo & Reese	3	3-Project Development	Mar-2020	86	751
V-Cabazon-GRC-Millard Pass Rd	1	2-Preliminary Design	Jun-2020	49	120
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Jul-2020	13	102
V-Carpinteria-GRC-Conoco	1	5-Close-Out	May-2019 A	11	1,451
V-Chestnut And Grand-GRC	6	5-Close-Out	Sep-2019 A	93	915
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Feb-2021	(70)	744
V-El Segundo-P1B-Scattergood ⁽⁶⁾				15	2,465
V-L1173-GRC-Raytheon	1	2-Preliminary Design	Mar-2021	25	128
V-L1177-GRC-Northrop	1	2-Preliminary Design	Jun-2021	5	80
V-Glendale Bundle-P1B ⁽⁶⁾				5	22
V-Glendale-GRC-Adams	3	3-Project Development	Apr-2020	4	482
V-Glendale-GRC-Glenoaks	2	3-Project Development	Feb-2020	23	536
V-Glendale-GRC-Ave 59	3	3-Project Development	Apr-2020	8	494
V-Goleta-GRC-Santa Rosa Rd Buellton	1	3-Project Development	Oct-2020	13	528
V-Goleta-GRC-Farren Rd	1	3-Project Development	Apr-2020	9	441
V-Goleta-GRC-Gaviota St Park	1	5-Close-Out	May-2019 A	362	2,463
V-Goleta-GRC-Popco	1	3-Project Development	May-2020	13	487
V-Haskell Station FM-P1B	1	2-Preliminary Design	Jul-2020	18	155

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design	Aug-2021	3	383
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Sep-2021	-	-
V-Santa Barbara-GRC-Grove Ln	1	4-Construction	Oct-2019 A	305	1,269
V-SB County-GRC-Park Ln	1	3-Project Development	Aug-2020	10	1,048
V-SB County-GRC-Parsons	1	4-Construction	Nov-2019 A	205	1,312
V-SFV Olympic-GRC-Yarmouth Ave	1	2-Preliminary Design	Jan-2021	6	222
V-SFV Olympic-GRC-Killion St	1	2-Preliminary Design	May-2021	4	98
V-SFV Olympic-GRC-White Oak Ave	1	1-Initiation & Feasibility	Feb-2021	2	16
V-SFV Bundle Valencia ⁽⁶⁾				12	189
V-SFV Valencia-GRC-Chatsworth and Lindley	1	2-Preliminary Design	Nov-2021	-	-
V-SFV Valencia-GRC-Balboa and Westbury	2	1-Initiation & Feasibility	Feb-2021	5	256
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Oct-2020	9	278
V-SFV Valencia-GRC-Eternal Valley	2	2-Preliminary Design	Jun-2020	17	297
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	Aug-2020	11	232
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Mar-2021	18	210
V-Ventura Station-GRC	4	4-Construction	Sep-2019 A	262	1,791
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Project Development	Jun-2020	94	873
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Project Development	Jul-2020	25	386
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	6	8,404
V-L1018-P1B-Alipaz	1	Closed	May-2018 A	0	1,871
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	-	1,257
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	(30)	2,824
V-L1018-P1B-Camino Capistrano	1	Closed	Sep-2018 A	3	4,406
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	6	2,300
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	(137)	3,137
V-29 Palms-P1B-Indian Canyon	1	Closed	Oct-2017 A	(1)	1,476
V-29 Palms-P1B-Mohawk Trail	1	Closed	Feb-2018 A	-	980
V-29 Palms-P1B-Sunburst St	1	Closed	May-2018 A	-	1,440
V-29 Palms-P1B-Utah Trail	1	Closed	Jan-2018 A	-	1,286
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	Closed	Jun-2017 A	(2)	5,940
V-SL45-120 Section 2-P1B	1	Closed	Apr-2018 A	-	1,134
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	10	11,329
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	-	1,294
V-L4000-P1B-Camp Rock Rd	1	Closed	Dec-2018 A	0	1,301
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	0	1,400
V-L4000-P1B-Desert View Rd	1	Closed	Oct-2018 A	1	1,950
V-L4000-P1B-Devore Stn	2	Closed	Sep-2018 A	-	1,546
V-L7000-P1B-Melcher & Elmo	3	Closed	Jun-2018 A	0	3,822
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	(1)	3,560
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	Closed	Jul-2018 A	1	555
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	735
V-Apple Valley-P1B	1	Closed	May-2018 A	6	1,373
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	-	416
V-Aviation-P1B-Aviation and 104th	5	Closed	Apr-2017 A	-	9,645
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	Closed	Oct-2017 A	-	1,432
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	-	1,288
V-Banning-2001-P1B-MLV17A	1	Closed	Apr-2018 A	0	1,926
V-Banning Airport	2	Closed	Apr-2015 A	0	1,753
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	0	1,773
V-Brea Hacienda Bundle-P1B ⁽⁶⁾				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	-	1,085
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	-	454
V-Brea-P1B-Brea Canyon	3	Closed	Oct-2017 A	(1)	1,361
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	-	489
V-Burbank-P1B-Riverside & Agnes	1	5-Close-Out	Oct-2018 A	98	876
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	1	1,239
V-Del Amo Station-P1B	3	Closed	Jan-2018 A	0	1,536
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	Closed	Sep-2017 A	-	1,564
V-Fontana 4002-P1B-Etiwaw & 4th	1	Closed	Apr-2017 A	-	1,266
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	-	539
V-Indio 2016-P1B	2	Closed	Aug-2017 A	-	1,392
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	-	1,998
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	0	2,148
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	6	2,149
V-Rainbow 2017	2	Closed	Jul-2018 A	1	1,909
V-Rainbow CV-P1B ⁽⁶⁾				-	-
V-Rainbow CV-P1B-Newport & Briggs	1	Closed	Jul-2018 A	13	544
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	(0)	1
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	0	466
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	(0)	516
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	7	2,110

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-SB County-P1B-Lions	1	5-Close-Out	Jul-2018 A	(73)	2,456
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	0	1,626
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	(1)	1,419
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,318
V-Taft-P1B-Hageman & Runfro	2	5-Close-Out	Nov-2018 A	139	8,094
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	23	432
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	529
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	9	532
V-Wilmington-P1B Eubank Stn	2	Closed	Mar-2018 A	1	796
V-Western/Del Rey Bundle-P1B ⁽⁶⁾				(14)	(4)
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
Total SoCalGas Active Valve Projects				7,905	360,772

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	December 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2018 Reasonableness Review Application (A.18-11-010)					
V-1600 Bundle	16	Closed	Dec-2014 A	-	444
V-3010 Bundle	9	Closed	Dec-2014 A	-	282
V-3100 and 2010 FM	2	Closed	Oct-2016 A	-	279
V-3600 Bundle	12	Closed	Mar-2015 A	-	5,320
V-49-28	1	Closed	Oct-2016 A	-	1,772
Future Filing					
V-1601 Ultrason	1	5-Close-Out	Apr-2018 A	6	809
V-49-11 & 49-27	1	Closed	Sep-2016 A	22	1,902
V-49-16 RCV	4	Closed	Aug-2017 A	1	2,282
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	11	840
V-49-23	1	Closed	Sep-2018 A	11	2,606
V-49-32-L RCV	1	Closed	Aug-2016 A	31	2,494
Total SDG&E Active Valve Projects				82	19,030

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 Project Development, Stage 4 Construction, Stage 5 Close-out, and Closed. Note " Stage 3 Detailed Design & Procurement" has been renamed to " Stage 3 Project Development "
- (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.

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	December 2019 ⁽¹⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
V-L115-P1B-Walnut	-	154
V-235-198.20	-	(0)
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	-	-
V-L4002 MP 67.00 MLV	-	395
V-L4002 MP 72.70-P1B	-	-
V-L4000-P1B-Cajon Junction	-	0
V-L4002 MP 86.44-FM-P1B	-	(0)
V-L765-P1B-Fairmont & Faircourt	-	-
V-L765-P1B-Mission & Workman	-	-
V-L85 Templin Highway MP 137.99-P1B	-	107
V-L8109-GRC-Apache Canyon	-	-
V-Blythe COMMs-P1B	-	-
V-Blythe-GRC-Shaver Summit	-	-
V-Blythe-P1B-Desert Center Station	-	26
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	-	-
V-SFV Olympic-GRC-Chatsworth St	-	1
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
V-Yorba Station-P1B	0	0
Total SoCalGas Valve Projects Remediated or Removed	0	1,255

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 December 2019

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

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	December 2019 ⁽¹⁾ Actuals (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	December 2019 ⁽¹⁾ Actuals (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 December

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

Table 1 - SoCalGas Cost Summary

Cost Type	December 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	23,835	1,356,603
Active Pipeline Projects ^{A-K}	23,823	1,354,681
Remediated or Removed Pipeline Projects	12	1,922
Total Valve Project Costs	7,906	362,028
Active Valve Projects ^{A-C, F-K}	7,905	360,772
Remediated or Removed Valve Projects	0	1,255
Total Records Review and Interim Safety Measure Costs^{A-E}	-	18,436
Total Pipeline and Valve Other Costs	(224)	23,631
Methane Detectors	-	375
Communications ⁽¹⁾	-	41
Construction ⁽¹⁾	(262)	1,242
Engineering ⁽¹⁾	-	587
Training ⁽¹⁾	8	350
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	-	1,945
General Administration ⁽¹⁾	(19)	17,521
Program Management Office ⁽¹⁾	50	1,541
GRAND TOTAL SOCALGAS PSEP PROJECT COST	31,517	1,760,698

Table 2 - SDG&E Cost Summary

Cost Type	December 2019 Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	3,431	421,026
Active Pipeline Projects ^{A-K}	3,431	421,026
Remediated or Removed Pipeline Projects	-	0
Total Valve Projects	82	19,030
Active Valve Projects ^{A-C, F-K}	82	19,030
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	(225)	4,120
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	0	18
Engineering ⁽¹⁾	0	32
Training ⁽¹⁾	-	(0)
Gas Control ⁽¹⁾	0	1
Environmental ⁽¹⁾	0	20
Supply Management ⁽¹⁾	(271)	2,843
General Administration ⁽¹⁾	1	1,044
Program Management Office ⁽¹⁾	45	38
GRAND TOTAL SDG&E PSEP PROJECT COST	3,288	445,598

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 December 2019 and project-to-date costs from May 2012 to December 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 December 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$1,468,346 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 \$45.4 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the August 2019 to December 2019 report because amortization exceeds interest for the current month.

(E) As of December 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$530 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 December 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$37,255,586 which includes balancing account interest and reflects approximately \$116.3 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' SEEBA has decreased from the November 2019 to December 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 SEEBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of December 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,245,632 which includes balancing account interest and approximately \$7.6 million of amortization revenues to-date.

(I) As of December 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$257,994,698 which includes balancing account interest and reflects approximately \$209.9 million of amortization revenues to-date.

(J) As of December 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$75,462,001 which includes balancing account interest and approximately \$45.2 million of amortization revenues to-date.

(K) As of December 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$7,021,750 which includes balancing account interest.