

April 2020 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 (ED) and Safety and Enforcement Division (SED) as the plan is implemented.¹ Attached is the update for April 2020.

II. Current Project Status

SoCalGas and SDG&E have undertaken the following PSEP-related activities for the month of April 2020:

Pipelines (Appendix A):

- New construction activity began on one pipeline projects (Stage 4)
 - 1600-P1B-Black Mtn (San Diego City)
- 11 pipeline projects are in construction (Stage 4)
- 21 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- No new construction activity began on valve projects (Stage 4)
- 14 valve projects are in construction (Stage 4)
- 32 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, Footnote 15:**
The names of the following projects were changed:
 - Project '1004-P1B-01' is renamed 'L1004-P1B-Sec 2 Repl.'

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 April 2020

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of April 2020

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	April 2020 ⁽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	-	1,001
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 ⁽¹⁵⁾	0.43	Closed	1954	Aug-2014 A	-	5,743
235 West	0.01	Closed	1957	Jun-2014 A	-	3,975
235W Sawtooth Canyon	0.33	Closed	1957	Oct-2014 A	-	2,050
2000-West Section 1,2,3	14.59	Closed	1945	Jul-2014 A	-	24,904
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	822
2001 West-B Section 10,11,14	2.97	Closed	1950	Aug-2014 A	-	13,027
2003	0.25	Closed	1953	Aug-2014 A	-	9,716
33-120 Section 2	0.29	Closed	1940	Jun-2014 A	-	7,640
35-20-N	0.01	Closed	1963	Aug-2014 A	-	285
36-1032	0.70	Closed	1928	May-2014 A	-	10,879
36-37	0.01	Closed	1970	Apr-2014 A	-	1,201
36-9-09 North Section 2B	2.16	Closed	1953	Jun-2014 A	-	2,573
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015 A	-	2,809
38-539	2.62	Closed	1949	Oct-2014 A	-	16,911
41-30-A	0.02	Closed	1951	Jul-2014 A	-	484
44-654	0.03	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	1.20	Closed	1951	Aug-2014 A	-	10,507
407 ⁽¹⁵⁾	3.00	Closed	1951	Mar-2014 A	-	6,976
Playa Del Rey Phase 5 ⁽¹⁵⁾	0.27	Closed	1955	Mar-2015 A	-	5,313
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	10
2000-C-P2	21.62	5-Close-Out	1947	May-2019 A	151	15,382
2000-C-CHLA-P2	4.85	5-Close-Out	1947	Jan-2020 A	419	4,963
2000-D-BADL-P2	7.75	2-Preliminary Design	1947	Sep-2021	77	1,182
2000-Moreno Replacement	0.07	4-Construction	1947	May-2020	50	907
36-1002-P1B-01 ⁽¹²⁾	16.69	3-Project Development	1928	Aug-2020	100	2,562
36-37-P1B-11A	1.49	5-Close-Out	1927	Jun-2019 A	1,283	16,978
36-37-P1B-11B	4.74	5-Close-Out	1927	Jul-2018 A	(755)	35,309
36-37-P1B-11C	1.53	4-Construction	1927	Jun-2019 A	1,208	11,763
36-37-P1B-12 ⁽¹³⁾	30.92	4-Construction	1927	Feb-2019 A	501	20,146
38-514-P1B-03	1.40	5-Close-Out	1945	Sep-2019 A	(40)	6,057
38-556-P2-01	5.64	5-Close-Out	1956	Aug-2019 A	19	8,028
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	-	13,140
43-121-P1B-01	0.27	5-Close-Out	1930	Jul-2019 A	55	4,725
45-1001-P1B-01 & 36-1001-P1B-01	1.58	4-Construction	1925	Mar-2020 A	1,281	3,130
7043-P1B-01	0.00	5-Close-Out	1928	Oct-2019 A	1	533
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	-	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	-	5,126
2003 Section 2 ⁽¹⁵⁾	0.09	Closed	1957	Jul-2015 A	-	2,938
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	-	832
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	2,492
31-09 ⁽¹⁵⁾	0.21	Closed	1969	Jul-2015 A	-	3,779
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	-	11,701
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	26,158
36-9-09 South ⁽¹¹⁾	1.24	Closed	1951	Apr-2016 A	-	2,349
36-9-09-JJ ⁽¹¹⁾	0.46	Closed	1920	Jun-2016 A	-	1,936
37-07	3.22	Closed	1945	Sep-2014 A	-	31,300
37-18	4.06	Closed	1945	Oct-2014 A	-	50,386
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,617

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of April 2020

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	April 2020 ⁽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	-	2,182
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	-	12,749
38-931	2.41	Closed	1942	Jan-2017 A	-	7,416
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	0	2,870
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	0.54	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,688
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	-	84,848
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	Jun-2020	56	694
1030-P2-Hydro ⁽⁸⁾	25.79	2-Preliminary Design	1955	Feb-2022	10	301
225-P2A-North ⁽⁸⁾⁽⁹⁾	8.11	2-Preliminary Design	1959	Oct-2022	9	632
2000-E ⁽⁵⁾⁽⁷⁾	8.88	2-Preliminary Design	1947	Mar-2021	39	845
2000-P2-02 ⁽⁷⁾					-	334
2000 Chino Hills	10.46	3-Project Development	1947	Sep-2020	23	1,329
2000 Blythe to Cactus City Hydrotest	64.74	2-Preliminary Design	1947	Nov-2020	249	1,041
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Jan-2021	107	760
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾	27.43	2-Preliminary Design	1954	Feb-2022	9	298
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾	5.66	2-Preliminary Design	1953	Apr-2022	8	196
2001 West - C, D & E ⁽⁷⁾					0	1,183
2001WC-P2	8.49	4-Construction	1953	Feb-2020 A	2,534	5,289
2001WC-CHLA-P2	4.86	4-Construction	1947	Mar-2020 A	335	914
2001W-D-P2	9.39	2-Preliminary Design	1950	Mar-2021	64	549
2001W-D-BADL-P2	6.06	2-Preliminary Design	1950	Feb-2021	133	415
2001 West - E	8.89	2-Preliminary Design	1953	Jul-2021	71	412
2005-P2-Hydrotest ⁽⁸⁾⁽⁵⁾	0.31	3-Project Development	1950	Aug-2020	74	476
36-1032-P1B-11	0.49	2-Preliminary Design	1939	May-2021	46	1,289
36-1032-P1B-12	5.16	3-Project Development	1943	Jan-2021	135	2,277
36-1032-P1B-13	3.22	2-Preliminary Design	1928	Jun-2021	45	1,602
36-1032-P1B-14	1.73	3-Project Development	1928	May-2021	36	1,503
36-9-09N-P1B-12	0.92	5-Close-Out	1920	Jul-2019 A	66	11,241
36-9-09N-P1B-14	1.87	4-Construction	1920	Nov-2019 A	2,414	8,840
36-9-09N-P1B-15	1.07	4-Construction	1920	Mar-2020 A	1,182	3,580
36-9-09N-P1B-16	1.73	5-Close-Out	1920	Oct-2019 A	790	17,868
407-P2-01	4.26	4-Construction	1951	May-2020	103	1,213
5000-P2-Blythe Repl ⁽⁸⁾	0.02	2-Preliminary Design	1953	Sep-2022	-	158
85 Elk Hills to Lake Station ⁽¹⁰⁾		3-Project Development	1931	Oct-2021	134	10,299
Future Filing						
103-P1B-01 ⁽¹²⁾	9.29	5-Close-Out	1941	May-2019 A	23	1,399
128-P1B-01	0.44	2-Preliminary Design	1945	Oct-2020	23	211
133-P2-01 ⁽¹⁴⁾	3.22	1-Initiation & Feasibility	1946	Jan-2021	-	178
L1004-P1A SECTIONS 1 & 3 HYDRO	2.50	4-Construction	1944	May-2020	141	995
L1004-P1B-Sec 2 Repl ⁽¹⁴⁾⁽¹⁵⁾	2.31	2-Preliminary Design	1944	Apr-2023	25	677
1004-P2-01 ⁽¹⁴⁾	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 ⁽¹⁴⁾	15.25	1-Initiation & Feasibility	1951	Jan-2021	-	305
225	3.24	3-Project Development	1959	Mar-2021	245	2,256
225-South-P2A ⁽⁹⁾⁽¹⁴⁾	10.70	2-Preliminary Design	1959	Apr-2023	9	81
225-P2-02 ⁽¹⁴⁾⁽¹⁶⁾	0.04	1-Initiation & Feasibility	1965	Jan-2021	6	252
225-P2-03 ⁽¹⁴⁾		1-Initiation & Feasibility	1959	Jan-2021	-	-

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Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	April 2020 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
235E-P2-01 Hydro	58.07	3-Project Development	1960	Jun-2022	48	1,064
235E-P2-02 Hydro	56.35	3-Project Development	1960	Jun-2022	82	368
235E-P2-Kelso Repl	0.10	3-Project Development	1960	Jun-2022	12	157
235E-P2-North Needles Repl	0.03	3-Project Development	1960	May-2020	115	316
235E-P2-Newberry Springs Repl	0.05	3-Project Development	1960	Nov-2020	14	617
235W-P2-01 ⁽⁷⁾⁽¹⁵⁾⁽¹⁶⁾					(0)	711
235 West Sec 1 ⁽¹⁶⁾		2-Preliminary Design	1957	TBD	-	-
235 West Sec 2 ⁽¹⁶⁾		2-Preliminary Design	1957	TBD	1	149
235 West Sec 3 ⁽¹⁶⁾⁽¹⁷⁾		2-Preliminary Design	1957	TBD	3	28
257-P2-01 ⁽¹⁴⁾	0.02	1-Initiation & Feasibility	1961	TBD	-	154
2000-D	3.19	Closed	1947	Sep-2017 A	(1)	10,337
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Sep-2021	66	2,027
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	18	12,904
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	43	6,916
2006	0.08	5-Close-Out	1953	Sep-2019 A	14	5,305
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	-	36,102
SL31-08-P1A-01	0.00	2-Preliminary Design	1949	Jul-2020	45	242
31-09-C ⁽¹⁵⁾	1.34	3-Project Development	1968	May-2020	117	581
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	-	12,477
33-121	0.48	Closed	1955	Jan-2018 A	-	4,589
33-750 ⁽¹⁵⁾	0.91	2-Preliminary Design	1946	Jul-2021	109	606
SL33-750-P1A-HASKELL STATION ⁽¹⁵⁾	0.09	2-Preliminary Design	1946	Jul-2021	12	14
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	-	7,747
36-9-09 North Section 5B-01	0.10	2-Preliminary Design	1932	Jan-2021	50	299
36-9-09 North Section 5B-02	0.28	Closed	1932	Nov-2018 A	2	5,990
36-9-09 North Section 6B	1.73	Closed	1955	Oct-2017 A	-	15,916
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	-	16,813
38-1102-P1B-01 ⁽¹⁴⁾	0.01	2-Preliminary Design	1963	Feb-2021	10	733
38-100-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1960	Jan-2021	-	222
38-101-P1B-01	4.53	5-Close-Out	1921	May-2019 A	30	13,102
38-101-P1B-03 ⁽¹²⁾⁽¹⁴⁾⁽¹⁶⁾	5.22	1-Initiation & Feasibility	1921	Jan-2021	-	-
38-143-P1B-01 ⁽¹⁴⁾⁽¹⁷⁾	4.42	1-Initiation & Feasibility	1935	Jan-2021	4	777
38-362-P2-01 ⁽¹⁴⁾	7.31	1-Initiation & Feasibility	1956	Jan-2021	-	242
38-539-P2-01 ⁽¹⁴⁾	12.57	1-Initiation & Feasibility	1947	Jan-2021	-	291
38-952-P2-01 ⁽¹⁴⁾	9.22	1-Initiation & Feasibility	1950	TBD	4	289
41-6000-1-P2A ⁽¹¹⁾	7.43	2-Preliminary Design	1948	Mar-2023	13	214
41-6000-2 Abandonment ⁽¹¹⁾	27.80	Closed	1948	Aug-2018 A	2	14,123
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	19	19,485
41-6001-2	0.01	Closed	1967	Oct-2017 A	-	723
4000-P2A ⁽¹⁵⁾	45.92	1-Initiation & Feasibility	1960	Apr-2023	20	393
3000E-P2A ⁽¹⁵⁾	115.07	2-Preliminary Design	1957	Apr-2025	24	350
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	-	490
44-707-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1969	Jan-2021	-	172
44-729-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1958	Jan-2021	-	319
44-1008-P1B-01 ⁽¹⁶⁾	54.86	1-Initiation & Feasibility	1937	Aug-2022	1,540	3,346
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	69	16,072
404-P2-01 ⁽¹⁴⁾	6.07	1-Initiation & Feasibility	1944	Jan-2021	-	182
404-406 Somis Station	0.14	5-Close-Out	1951	Aug-2018 A	7	9,347
406-P2-01 ⁽¹⁴⁾	14.35	1-Initiation & Feasibility	1951	TBD	-	654
38-2101-P2A	9.01	1-Initiation & Feasibility	1947	Feb-2023	22	159
6921 Dowden & Kershaw ⁽¹⁶⁾	0.02	5-Close-Out	N/A	Apr-2018 A	(21)	2,178
85 ⁽¹⁰⁾⁽¹⁴⁾	61.07	3-Project Development	1931	Oct-2021	-	-
Goleta	0.28	5-Close-Out	1944	May-2019 A	31	5,887
Total SoCalGas Active Pipeline Projects⁽¹⁵⁾					16,018	1,412,115

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of April 2020

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	April 2020 ⁽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	-	6,301
49-13	3.17	Closed	1959	Jul-2015 A	-	23,586
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	Closed	1932	Sep-2014 A	18	49,358
Future Filing						
49-16 Pipeline	1.10	Closed	1948	Mar-2015 A	-	29,680
49-16 4th & Palm	0.10	Closed	1958	Jan-2018 A	-	8,263
49-16 Gate Station	1.73	Closed	1955	Nov-2015 A	-	5,558
49-17 East	5.16	Closed	1948	Jun-2015 A	3	70,465
49-17 West	1.67	Closed	1948	Oct-2014 A	30	36,841
49-25	1.75	Closed	1960	Aug-2014 A	-	24,995
49-26	3.55	Closed	1958	Oct-2014 A	0	35,043
49-26 Abandonment					-	3,062
49-28 Abandonment	0.07	Closed	1932	Nov-2017 A		
49-32-L	0.21	Closed	1965	Aug-2016 A	(2)	8,164
Line 1600						
1600 South					-	0
1600 ⁽⁶⁾					1,763	1,968
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	54	3,896
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	7	1,036
1600-P1B-MCAS South	0.91	2-Preliminary Design	1949	Aug-2023	40	1,119
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	7	1,101
1600-P1B- Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	19	969
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	97	6,255
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	56	2,236
1600-P1B-Midway Dr	3.22	4-Construction	1949	Feb-2020 A	658	10,790
1600-P1B-Pomerado Rd North	5.84	2-Preliminary Design	1949	Mar-2021	121	6,466
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	6	722
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	4	671
1600-P1B-Bear Valley Pkwy	3.55	3-Project Development	1949	Feb-2021	174	5,174
1600-P1B- Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	81	3,634
1600-P1B-Scripps Poway Pkwy	3.64	1-Initiation & Feasibility	1949	Nov-2021	74	2,643
1600-P1B-Black Mtn	5.06	4-Construction	1949	Apr-2020	2,819	13,015
1600-P1B- MCAS North	1.07	2-Preliminary Design	1949	Apr-2023	41	1,437
1600-P1B- MCAS Central	1.88	2-Preliminary Design	1949	Jun-2023	48	1,761
1600-P1B-Kearny Mesa	1.50	3-Project Development	1949	Jun-2020	666	5,235
1600-P1B-Serra Mesa	4.23	3-Project Development	1949	Jun-2020	420	9,961
Total SDG&E Active Pipeline Projects					7,206	438,987

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.
- (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) In compliance with D.18-06-028, which denied the Pipeline Safety and Reliability Project (PSRP) Application, SDG&E and SoCalGas submitted its Line 1600 Test or Replacement Plan to SED in September 2018. In January 2019, the SED transmitted a Response Letter to SDG&E and SoCalGas approving the proposed plan as submitted. In D.20-02-024 the Commission opened a Phase 2 in A.15-09-013 to examine the cost forecast associated with the Line 1600 plan while allowing construction to proceed as planned under SED's oversight.
- (7) This line has been split into individual projects. The line still holds some actual costs which will be transferred to the individual projects in the future.
- (8) This project was filed in the 2019 General Rate Case (GRC) proceeding (A.17-10-008) as a 4th year project (2022).
- (9) All the costs for project 225-South-P2A are captured under project 225-P2A-North. In the future, the cost will be split.
- (10) All the costs for project 85 are captured under project 85 Elk Hills to Lake Station. In the future, the cost will be split. Note: 85 South Newhall is a different project.
- (11) The scope for this project is abandonment only.
- (12) The scope for this project is de-rate only.
- (13) The scope for this project is combination of abandonment and de-rate.
- (14) TBD - Information will be updated in the future.
- (15) Project '1004-P1B-01' is renamed 'L1004-P1B-Sec 2 Repl.'

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of April 2020

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	April 2020 ⁽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 ⁽²⁾	-	93
1024 ⁽²⁾	-	2
1025	-	-
1171LT2	-	-
1171LT1BP2	-	(0)
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313 ⁽²⁾	-	19
203-P2A	-	10
214-P2A	-	11
235 East ⁽²⁾	-	9
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
2001E-P2-Blythe Repl	-	122
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 ⁽²⁾	-	2
35-20 ⁽²⁾	-	21
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520 ⁽²⁾	-	43
36-7-04	-	-
36-1006	-	0
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 ⁽²⁾	-	54
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 April 2020

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of April 2020

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

Pipeline Project	April 2020 ⁽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 ⁽²⁾	-	42
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 ⁽²⁾	-	88
41-198	-	-
41-199	-	-
41-6001-1-P2A	-	15
41-6001-1A-P2A	-	11
41-6045	-	55
41-6501 ⁽²⁾	-	43
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	(1,535)	(237)
45-163	-	1
408XO1	-	-
4000 ⁽¹⁵⁾	-	128
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed⁽²⁾	(1,535)	1,097

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	April 2020 ⁽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 April 2020

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of April 2020

Table 1 - SoCalGas Active Valve Projects

Valve Project	PSEP No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	April 2020 ⁽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	-	2,798
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	-	3,607
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,448
V-Banning 5000	2	Closed	Oct-2015 A	0	2,416
V-El Segundo	2	Closed	Apr-2015 A	-	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	-	16,192
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	Nov-2020	26	626
V-L115-GRC-Pierce	3	4-Construction	Oct-2019 A	597	3,789
V-L115-GRC-Randall	3	4-Construction	Feb-2020 A	1	10
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	45	630
V-L1017-GRC-Bristol	4	4-Construction	Jan-2020 A	990	4,002
V-L1017-GRC-Dyer	1	5-Close-Out	Jul-2019 A	14	5,061
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Jan-2021	5	377
V-L225 Forest Service-GRC-Forest Inn Road	1	3-Project Development	Mar-2021	3	248
V-L225 Forest Service-GRC-Old Ridge Route	1	3-Project Development	Mar-2021	3	218
V-L235-GRC-Black Canyon	1	3-Project Development	Aug-2021	2	206
V-235-335 West-GRC-Agua Dulce Canyon	2	3-Project Development	Oct-2020	7	438
V-235-335 West-GRC-Shannon Valley	2	2-Preliminary Design	Mar-2021	75	336
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Oct-2020	75	297
V-L235-GRC-Bristol Mtn	1	3-Project Development	Oct-2020	3	171
V-L235-GRC-Crucero Rd	1	3-Project Development	Aug-2020	98	331
V-L235-GRC-Fernner	1	3-Project Development	Aug-2021	3	228

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of April 2020

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	April 2020 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-L235-GRC-Hwy 247	1	3-Project Development	Jun-2020	7	193
V-L235-GRC-Kelso Dunes	1	3-Project Development	Sep-2021	2	172
V-L235-GRC-Mtn Springs	1	3-Project Development	Sep-2020	12	224
V-L235-GRC-Oro Mtn	1	5-Close-Out	Oct-2019 A	14	1,001
V-L235-GRC-Pisgah Rd	0	5-Close-Out	Aug-2019 A	15	878
V-L235-GRC-Sacramento Mtn	0	3-Project Development	May-2020	6	247
V-L235-GRC-Stoddard Wells Rd	1	4-Construction	Dec-2019 A	37	1,051
V-SL32-21-GRC-Alhambra Stn	2	5-Close-Out	Jun-2019 A	3	908
V-SL32-21-GRC-State St	1	4-Construction	Mar-2020 A	701	1,434
V-SL32-21-GRC-Crosby St	1	5-Close-Out	Sep-2019 A	10	1,819
V-SL 31-09-GRC-VALLEY AND FAURE	1	2-Preliminary Design	Mar-2021	20	75
V-SL 31-09-GRC-BARRANCA AND FRONT	1	2-Preliminary Design	May-2021	9	63
V-SL33-120-P1B	2	1-Initiation & Feasibility	Jul-2021	(20)	71
V-SL43-121-GRC-UCLA NORTH ⁽⁷⁾	1	1-Initiation & Feasibility	Aug-2021	13	684
V-SL38-504-GRC-Green And 4th	1	2-Preliminary Design	Aug-2020	30	376
V-L324-GRC-Center Rd Stn	3	3-Project Development	Jun-2020	21	468
V-L324-GRC-Happy Camp	1	5-Close-Out	Dec-2019 A	71	1,196
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jan-2021	23	260
V-L324-GRC-Sence Ranch	1	5-Close-Out	Jul-2019 A	17	1,102
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Jun-2020	24	320
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Sep-2021	5	297
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	2-Preliminary Design	Sep-2021	17	202
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	2-Preliminary Design	Oct-2020	8	50
V-L2001 And L2051 Fault Isolation-GRC-Monroe St ⁽⁷⁾	2	2-Preliminary Design	May-2021	216	442
V-L3000-GRC-Bagdad	1	3-Project Development	Oct-2020	8	235
V-L3000-GRC-Black Ridge	1	3-Project Development	Nov-2020	7	218
V-L3000-GRC-Eagle Peak	1	5-Close-Out	Aug-2019 A	9	1,059
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	24	1,095
V-L3000-GRC-Marble Mtn	1	5-Close-Out	Jul-2019 A	8	909
V-L3000-GRC-Piute	1	5-Close-Out	Jun-2019 A	6	1,069
V-L3000-GRC-Route 66	0	3-Project Development	Nov-2020	10	226
V-L3001-GRC-Burbank & Lindley	2	1-Initiation & Feasibility	Jul-2021	6	220
V-L4000 MP 69.00 MLV-P1B	1	5-Close-Out	Jun-2019 A	28	4,905
V-L406-GRC-Burbank Etiwanda	3	2-Preliminary Design	Jul-2021	6	444
V-L407-L1205-GRC-San Vicente	6	4-Construction	Nov-2019 A	1,547	8,580
V-L6906-GRC-Arrow Route Stn	2	5-Close-Out	Jan-2020 A	144	1,082
V-L6906-GRC-Merrill Ave	1	2-Preliminary Design	Apr-2021	7	134
V-L6906-GRC-Mill Rd	1	2-Preliminary Design	Apr-2021	2	128
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Jul-2021	(0)	85
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Aug-2020	25	432
V-L85-GRC-Ed Pump	1	5-Close-Out	Jan-2019 A	3	612
V-L85-GRC-Rising Canyon Rd	1	5-Close-Out	Jul-2019 A	15	915
V-L85-GRC-Twisselman Rd	1	5-Close-Out	Jul-2019 A	(1)	667
V-L800-GRC-Nevada Ave	1	3-Project Development	Jul-2020	8	286
V-L800-GRC-Murphy Ranch Rd	1	5-Close-Out	Jan-2020 A	78	717
V-L800-GRC-Lemoore Junction	2	5-Close-Out	Sep-2019 A	18	1,280
V-L8109-GRC-Arundell	1	1-Initiation & Feasibility	Apr-2021	0	33
V-L8109-GRC-Casita Springs	1	1-Initiation & Feasibility	Mar-2021	0	45
V-L8109-GRC-Cuyama Meter Stn	1	1-Initiation & Feasibility	Mar-2021	(0)	87
V-L8109-GRC-Hall Canyon	1	1-Initiation & Feasibility	Feb-2021	(0)	71
V-L8109-GRC-Live Oaks	1	1-Initiation & Feasibility	Jan-2021	0	74
V-L8109-GRC-Sheep Camp	1	1-Initiation & Feasibility	May-2021	1	35
V-Adelanto-P1B-MLV17	1	3-Project Development	Jun-2021	4	313
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	4-Construction	Mar-2020 A	360	781
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jan-2021	15	420
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	8	1,477
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Project Development	Aug-2021	34	803
V-Blythe-P1B-Chuckawalla	2	2-Preliminary Design	Jul-2021	9	112
V-Blythe-GRC-Ford Dry Lake	3	2-Preliminary Design	Aug-2021	9	140
V-Blythe-GRC-Hayfield Stn	3	2-Preliminary Design	Aug-2021	8	89
V-Brea-GRC-Lincoln	3	5-Close-Out	Apr-2019 A	3	2,001
V-Brea-GRC-Placentia	4	2-Preliminary Design	Jun-2022	5	371
V-Burbank & Lindley-P1B				(0)	(0)
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Sep-2021	3	319
V-Burbank-GRC-Verdugo & Reese	3	3-Project Development	Jul-2020	36	896
V-Cabazon-GRC-Millard Pass Rd	1	3-Project Development	Jun-2020	36	219
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Aug-2020	41	196
V-Carpinteria-GRC-Conoco	1	5-Close-Out	May-2019 A	4	1,532
V-Chestnut And Grand-GRC	6	5-Close-Out	Sep-2019 A	4	1,050

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of April 2020

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	April 2020 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Jul-2021	28	827
V-El Segundo-P1B-Scattergood ⁽⁶⁾				15	2,436
V-L1173-GRC-Raytheon	1	2-Preliminary Design	Mar-2021	46	301
V-L1177-GRC-Northrop	1	2-Preliminary Design	Jun-2021	10	114
V-Glendale-GRC-Adams	3	3-Project Development	Jun-2020	17	545
V-Glendale-GRC-Glenoaks	2	3-Project Development	Jan-2021	8	581
V-Glendale-GRC-Ave 59	3	3-Project Development	Mar-2022	7	561
V-Goleta-GRC-Santa Rosa Rd Buelton	1	3-Project Development	Nov-2020	32	588
V-Goleta-GRC-Farren Rd	1	3-Project Development	Oct-2020	11	573
V-Goleta-GRC-Gaviota St Park	1	5-Close-Out	May-2019 A	33	3,118
V-Goleta-GRC-Popco	1	3-Project Development	Oct-2020	24	626
V-Haskell Station FM-P1B	1	2-Preliminary Design	Jan-2021	19	262
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design	Aug-2022	3	395
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Sep-2021	-	(0)
V-Santa Barbara-GRC-Grove Ln	1	4-Construction	Oct-2019 A	164	1,698
V-SB County-GRC-Park Ln	1	3-Project Development	Feb-2021	11	1,087
V-SB County-GRC-Parsons	1	4-Construction	Nov-2019 A	50	1,734
V-SFV Olympic-GRC-Yarmouth Ave	1	2-Preliminary Design	Jul-2021	5	245
V-SFV Olympic-GRC-Killion St	1	2-Preliminary Design	Aug-2021	7	123
V-SFV Olympic-GRC-White Oak Ave	1	1-Initiation & Feasibility	Feb-2021	7	35
V-SFV Bundle Valencia ⁽⁶⁾				18	241
V-SFV Valencia-GRC-Chatsworth and Lindley	1	2-Preliminary Design	Nov-2021	-	-
V-SFV Valencia-GRC-Balboa and Westbury	2	2-Preliminary Design	Jun-2021	11	288
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Feb-2021	14	319
V-SFV Valencia-GRC-Eternal Valley	2	3-Project Development	Feb-2021	20	369
V-SFV Valencia-GRC-Wilbur	1	3-Project Development	Dec-2020	21	308
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Mar-2021	44	287
V-Ventura Station-GRC	4	4-Construction	Sep-2019 A	28	2,012
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Project Development	Aug-2020	18	954
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Project Development	Aug-2021	35	450
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	0	8,405
V-L1018-P1B-Alipaz	1	Closed	May-2018 A	-	1,871
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	-	1,257
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	-	2,824
V-L1018-P1B-Camino Capistrano	1	Closed	Sep-2018 A	0	4,377
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	6	2,356
V-L1018-P1B-Harvard	3	Closed	Jul-2018 A	0	3,083
V-29 Palms-P1B-Indian Canyon	1	Closed	Oct-2017 A	-	1,497
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	-	1,287
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	-	5,944
V-SL45-120 Section 2-P1B	1	Closed	Apr-2018 A	-	1,136
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	-	11,334
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)	1,340
V-L4000-P1B-Powerline Rd	1	Closed	Nov-2018 A	(0)	1,402
V-L4000-P1B-Desert View Rd	1	Closed	Oct-2018 A	-	1,954
V-L4000-P1B-Devore Stn	2	Closed	Sep-2018 A	-	1,546
V-L7000-P1B-Melcher & Elmo	3	Closed	Jun-2018 A	(3)	3,831
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	-	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	-	555
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	735
V-Apple Valley-P1B	1	Closed	May-2018 A	-	1,402
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	-	1,241
V-Banning-2001-P1B-MLV17A	1	Closed	Apr-2018 A	-	1,930
V-Banning Airport	2	Closed	Apr-2015 A	-	1,721
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	5	1,730
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	-	1,085

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of April 2020

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	April 2020 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	-	454
V-Brea-P1B-Brea Canyon	3	Closed	Oct-2017 A	-	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	4	877
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	-	1,237
V-Del Amo Station-P1B	3	Closed	Jan-2018 A	-	1,542
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	Closed	Sep-2017 A	-	1,566
V-Fontana 4002-P1B-Etiwand & 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	-	2,148
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	25	2,138
V-Rainbow 2017	2	Closed	Jul-2018 A	-	1,908
V-Rainbow CV-P1B-Newport & Briggs	1	Closed	Jul-2018 A	16	571
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	-	1
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	-	466
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	-	515
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	3	1,950
V-SB County-P1B-Lions	1	5-Close-Out	Jul-2018 A	13	2,791
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	(1)	1,624
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	-	1,419
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,357
V-Taft-P1B-Hageman & Runfro	2	5-Close-Out	Nov-2018 A	(43)	8,147
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	1	308
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	529
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	6	549
V-Wilmington-P1B Eubank Stn	2	Closed	Mar-2018 A	-	796
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
Total SoCalGas Active Valve Projects				6,483	378,297

Table 2 - SDG&E Active Valve Projects

Valve Project	PSEP No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	April 2020 ⁽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	Closed	Apr-2018 A	0	820
V-49-11 & 49-27	1	Closed	Sep-2016 A	-	1,906
V-49-16 RCV	4	Closed	Aug-2017 A	-	2,291
V-49-18 MVH	1	Closed	Oct-2017 A	-	844
V-49-23	1	Closed	Sep-2018 A	-	2,632
V-49-32-L RCV	1	Closed	Aug-2016 A	-	2,497
Total SDG&E Active Valve Projects				0	19,088

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.
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) New valve project currently being initiated. TBD represent that the Project scope, stage, and/or construction start date information will be available at a later date.
- (6) This valve has been broken up into separate projects for cost and schedule progress reporting purposes. Part of the project requires separate planning and execution due to location, permitting, and/or constructability.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for April 2020

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of April 2020

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	April 2020 ⁽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	-	0
V-L3000-GRC-Mercury Mtn	-	(0)
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	-	30
V-Blythe COMMs-P1B	-	-
V-Blythe-GRC-Shaver Summit	-	-
V-Blythe-P1B-Desert Center Station	-	0
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	-	0
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
V-Yorba Station-P1B	-	16
V-SL43-121-GRC-UCLA South	4	329
V-L765-GRC-Abbot & Atlantic	1	136
V-L765-GRC-Farragut & Anaheim	2	313
Total SoCalGas Valve Projects Remediated or Removed	6	2,053

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 April 2020

Appendix C - SoCalGas/SDG&E Records Review and Interim Safety Measure Costs as of April 2020

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	April 2020 ⁽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	April 2020 ⁽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 April 2020

Appendix D - SoCalGas/SDG&E PSEP Total Project Cost Summary as of April 2020

Table 1 - SoCalGas Cost Summary

Cost Type	April 2020 Actuals [®] (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	14,484	1,413,211
Active Pipeline Projects ^{A-K}	16,018	1,412,115
Remediated or Removed Pipeline Projects	(1,535)	1,097
Total Valve Project Costs	6,489	380,350
Active Valve Projects ^{A-C, F-K}	6,483	378,297
Remediated or Removed Valve Projects	6	2,053
Total Records Review and Interim Safety Measure Costs^{A-E}	-	18,436
Total Pipeline and Valve Other Costs	233	34,520
Methane Detectors	-	375
Communications ⁽¹⁾	2	43
Construction ⁽¹⁾	(3)	1,246
Engineering ⁽¹⁾	-	642
Training ⁽¹⁾	(53)	26
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	15
Supply Management ⁽¹⁾	-	2,162
General Administration ⁽¹⁾	293	18,712
Program Management Office ⁽¹⁾	(6)	11,289
GRAND TOTAL SOCALGAS PSEP PROJECT COST	21,206	1,846,517

Table 2 - SDG&E Cost Summary

Cost Type	April 2020 Actuals [®] (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	7,206	438,987
Active Pipeline Projects ^{A-K}	7,206	438,987
Remediated or Removed Pipeline Projects	-	-
Total Valve Projects	0	19,088
Active Valve Projects ^{A-C, F-K}	0	19,088
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	1	4,118
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	-	18
Engineering ⁽¹⁾	0	32
Training ⁽¹⁾	-	(0)
Gas Control ⁽¹⁾	-	1
Environmental ⁽¹⁾	-	20
Supply Management ⁽¹⁾	-	2,843
General Administration ⁽¹⁾	-	1,044
Program Management Office ⁽¹⁾	1	35
GRAND TOTAL SDG&E PSEP PROJECT COST	7,207	463,615

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 April 2020 and project-to-date costs from May 2012 to April 2020.

(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 April 2020, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$1,233,146 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 \$45.6 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the February 2020 to April 2020 report because amortization exceeds interest for the current month.

(E) As of April 2020, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$534 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 April 2020, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$31,874,712 which includes balancing account interest and reflects approximately \$122.0 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' SEEBAA has decreased from the January 2019 to April 2020 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 April 2020, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$6,546,667 which includes balancing account interest and approximately \$8.4 million of amortization revenues to-date.

(I) As of April 2020, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$265,264,627 which includes balancing account interest and reflects approximately \$249.4 million of amortization revenues to-date.

(J) As of April 2020, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$77,879,210 which includes balancing account interest and approximately \$55.9 million of amortization revenues to-date.

(K) As of April 2020, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$7,332,940 which includes balancing account interest.