

November 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 November 2019.

II. Current Project Status

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

Pipelines (Appendix A):

- New construction activity began on one pipeline projects (Stage 4)
 - 36-9-09N-P1B-14 (Santa Margarita)
- 7 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- New construction activity began on two valve projects (Stage 4)
 - V-L407-L1205-GRC-San Vicente (Los Angeles)
 - V-SB County-GRC-Parsons (Carpinteria, Santa Barbara County)
- 11 valve projects are in construction (Stage 4)
- 34 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

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 November 2019

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

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	November 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	0.00	2-Preliminary Design	1944	May-2020	-	304
2000-C, D & E ⁽⁵⁾⁽⁷⁾					0	9
2000-C-P2	21.6	5-Close-Out	1947	May-2019 A	1,276	13,633
2000-C-CHLA-P2	4.8	3-Detailed Design & Procurement	1947	Jan-2020	92	329
2000-D-BADL-P2	7.5	2-Preliminary Design	1947	Sep-2021	66	956
2000-Moreno Replacement	0.04	3-Detailed Design & Procurement	1947	May-2020	45	253
36-1002-P1B-01 ⁽¹²⁾	16.68	2-Preliminary Design	1928	Aug-2020	56	2,183
36-37-P1B-11A	1.49	5-Close-Out	1927	Jun-2019 A	999	14,939
36-37-P1B-11B	4.71	5-Close-Out	1927	Jul-2018 A	10	36,041
36-37-P1B-11C	1.53	4-Construction	1927	Jun-2019 A	84	5,006
36-37-P1B-12 ⁽¹³⁾	30.9	4-Construction	1927	Feb-2019 A	1,605	14,453
38-514-P1B-03	1.38	5-Close-Out	1945	Sep-2019 A	1,134	4,921
38-556-P2-01	5.6	5-Close-Out	1956	Aug-2019 A	(430)	7,649
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	8	13,122
43-121-P1B-01	0.27	5-Close-Out	1930	Jul-2019 A	60	4,576
45-1001-P1B-01 & 36-1001-P1B-01	1.6	3-Detailed Design & Procurement	1925	Dec-2019	80	1,520
7043-P1B-01	0.00	5-Close-Out	1928	Oct-2019 A	(103)	340
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	-	5,121
2003 Section 2	0.09	Closed	1957	Jul-2015 A	-	2,626
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	(1)	832
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	2,493
31-09	0.21	Closed	1969	Jul-2015 A	-	2,958
32-21 Section 1	1.56	Closed	1948	May-2015 A	-	10,387
32-21 Section 2	1.60	Closed	1948	Jun-2016 A	-	5,503
32-21 Section 3	2.39	Closed	1948	Sep-2016 A	-	3,858
33-120 Section 3	0.52	Closed	1940	Jun-2017 A	-	7,472
36-1002	0.03	Closed	1928	Jun-2015 A	-	2,036
36-9-09 North Section 1	5.98	Closed	1920	May-2015 A	-	53,883
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	-	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)	31,299
37-18	4.06	Closed	1945	Oct-2014 A	(1)	50,385
37-18-F	2.08	Closed	1946	Aug-2016 A	(0)	7,617

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

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of November 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)	November 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	69	2,247
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	-	12,749
38-931	2.41	Closed	1942	Jan-2017 A	-	7,419
41-17 ⁽¹³⁾	2.62	Closed	1955	Sep-2016 A	-	2,758
41-116	0.01	Closed	1957	Oct-2016 A	-	229
43-121 North	1.01	Closed	1930	Aug-2016 A	-	16,002
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	(0)	27,673
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	(0)	10,993
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,563
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,566
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,685
404 Section 9	0.41	Closed	1944	Jun-2016 A	-	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	-	84,848
85 South Newhall	0.17	Closed	1930	Dec-2014 A	-	9,889
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.8	3-Detailed Design & Procurement	1947	May-2020	1	238
1030-P2-Hydro ⁽⁸⁾	25.8	2-Preliminary Design	1955	Feb-2022	3	271
225-P2A-North ⁽⁸⁾⁽⁹⁾	8.1	2-Preliminary Design	1959	Sep-2022	3	583
235W-P2-01 ⁽⁷⁾					21	165
235 West Sec 1	24.7	2-Preliminary Design	1957	TBD		
235 West Sec 2	20.4	2-Preliminary Design	1957	TBD		
235 West Sec 3	26.9	2-Preliminary Design	1957	TBD		
2000-E ⁽⁵⁾⁽⁷⁾	8.88	2-Preliminary Design	1947	Mar-2021	(52)	383
2000-P2-02 ⁽⁷⁾					-	334
2000 Chino Hills	10.48	3-Detailed Design & Procurement	1947	Sep-2020	-	312
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020	10	287
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	May-2020	58	234
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾	27.43	2-Preliminary Design	1954	Nov-2021	1	270
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾	5.66	2-Preliminary Design	1953	Apr-2022	1	170
2001 West - C, D & E ⁽⁷⁾					16	1,740
2001WC-P2	8.49	2-Preliminary Design	1953	Feb-2020	10	15
2001WC-CHLA-P2	4.86	2-Preliminary Design	1947	Feb-2020	12	45
2001W-D-P2	10.09	2-Preliminary Design	1950	Mar-2020	1	47
2001W-D-BADL-P2	4.57	2-Preliminary Design	1950	Feb-2021	38	63
2001 West - E	8.89	2-Preliminary Design	1953	Jul-2021	(31)	59
2005-P2-Hydrotest ⁽⁸⁾⁽¹⁵⁾	0.28	3-Detailed Design & Procurement	1950	Aug-2020	8	145
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	43	1,088
36-1032-P1B-12	5.16	3-Detailed Design & Procurement	1943	Jul-2020	(1,367)	1,959
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	31	1,403
36-1032-P1B-14	1.72	3-Detailed Design & Procurement	1928	Jan-2021	55	1,313
36-9-09N-P1B-01 ⁽⁷⁾					(3)	-
36-9-09N-P1B-12	0.92	5-Close-Out	1920	Jul-2019 A	604	9,424
36-9-09N-P1B-14	1.87	4-Construction	1920	Nov-2019 A	218	2,682
36-9-09N-P1B-15	1.09	3-Detailed Design & Procurement	1920	Jan-2020	150	2,445
36-9-09N-P1B-16	1.74	4-Construction	1920	Oct-2019 A	2,352	7,351
44-1008-P1B-01	54.9	1-Initiation & Feasibility	1937	Jan-2021	13	1,717
407-P2-01	4.26	3-Detailed Design & Procurement	1951	May-2020	7	452
5000-P2-Blythe Repl ⁽⁸⁾	0.01	2-Preliminary Design	1953	Mar-2021	12	155
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.0	2-Preliminary Design	1931	Oct-2020	459	9,023
Future Filing						
103-P1B-01 ⁽¹¹⁾	9.3	5-Close-Out	1941	May-2019 A	4	1,264
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2020	2	95
133-P2-01 ⁽¹⁴⁾	3.2	1-Initiation & Feasibility	1946	TBD	-	178
L1004-P1A SECTIONS 1 & 3 HYDRO	TBD	TBD		TBD	2	2
1004-P1B-01	2.4	1-Initiation & Feasibility	1944	Apr-2020	64	1,027
1004-P2-01 ⁽¹⁴⁾	1.3	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 ⁽¹⁴⁾	15.3	1-Initiation & Feasibility	1951	TBD	-	305
225	3.10	3-Detailed Design & Procurement	1959	Mar-2020	30	1,901
225-South-P2A ⁽⁹⁾⁽¹⁴⁾	10.70	1-Initiation & Feasibility	TBD	Jan-2023	5	31
225-P2-02 ⁽¹⁴⁾	0.04	1-Initiation & Feasibility	1965	TBD	-	227
225-P2-03 ⁽¹⁴⁾	0.1	1-Initiation & Feasibility	1959	TBD	-	192

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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⁾ (Month-Year)	November 2019 ⁽⁴⁾ Actuals (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
235E-P2-01 Hydro	58.07	3-Detailed Design & Procurement	1960	Jan-2022	20	729
235E-P2-02 Hydro	56.3	3-Detailed Design & Procurement	1960	Mar-2021	43	159
235E-P2-Kelso Repl	0.1	3-Detailed Design & Procurement	1960	Sep-2021	8	116
235E-P2-North Needles Repl	0.0	3-Detailed Design & Procurement	1960	Oct-2020	18	97
235E-P2-Newberry Springs Repl	0.05	3-Detailed Design & Procurement	1960	Oct-2020	12	555
257-P2-01 ⁽¹⁴⁾	0.02	1-Initiation & Feasibility	1961	TBD	-	154
2000-D	3.19	Closed	1947	Sep-2017 A	(0)	10,539
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Aug-2020	83	1,539
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	896	12,576
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	689	6,773
2001W-P2-02 ⁽¹⁴⁾	TBD	1-Initiation & Feasibility	TBD	TBD	-	73
2006	0.1	4-Construction	1953	Sep-2019 A	1,768	4,177
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	-	35,950
SL31-08-P1A-01	3.1	1-Initiation & Feasibility	TBD	Aug-2020	25	50
31-09-C	1.01	2-Preliminary Design	1968	May-2020	1	45
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	0.6	2-Preliminary Design	1946	Jul-2021	19	319
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	-	6,106
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	-	7,746
36-9-09 North Section 5B-01	0.10	1-Initiation & Feasibility	1932	Apr-2020	7	17
36-9-09 North Section 5B-02	0.25	Closed	1932	Nov-2018 A	6	5,932
36-9-09 North Section 6B	1.55	Closed	1955	Oct-2017 A	0	15,856
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	700
38-100-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1960	TBD	-	222
38-101-P1B-01	4.5	4-Construction	1921	May-2019 A	28	10,265
38-101-P1B-03 ⁽¹²⁾⁽¹⁴⁾	5.2	TBD	TBD	TBD	-	-
38-143-P1B-01 ⁽¹⁴⁾	4.42	2-Preliminary Design	1935	TBD	4	758
38-362-P2-01 ⁽¹⁴⁾	7.31	1-Initiation & Feasibility	1956	TBD	-	242
38-539-P2-01 ⁽¹⁴⁾	12.6	1-Initiation & Feasibility	1947	TBD	-	291
38-952-P2-01 ⁽¹⁴⁾	9.2	1-Initiation & Feasibility	1950	TBD	15	276
41-6000-1-P2A ⁽¹¹⁾	7.43	2-Preliminary Design	1948	Mar-2023	20	136
41-6000-2 Abandonment ⁽¹³⁾	26.9	5-Close-Out	1948	Aug-2018 A	3,654	13,610
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	(19)	19,417
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A	45.9	1-Initiation & Feasibility	1960	Apr-2023	40	191
3000E-P2A	115.1	2-Preliminary Design	1957	Apr-2025	33	179
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	44	482
44-707-P2-01 ⁽¹⁴⁾	0.00	1-Initiation & Feasibility	1969	TBD	-	172
44-729-P2-01 ⁽¹⁴⁾	0.01	1-Initiation & Feasibility	1958	TBD	-	319
45-120 Section 2	3.6	Closed	1930	Sep-2014 A	-	92,029
404 Section 4A	0.78	5-Close-Out	1944	Aug-2018 A	305	14,602
404-P2-01 ⁽¹⁴⁾	6.1	1-Initiation & Feasibility	1944	TBD	-	182
404-406 Somis Station	0.14	5-Close-Out	1951	Aug-2018 A	(112)	9,331
406-P2-01 ⁽¹⁴⁾	14.35	1-Initiation & Feasibility	1951	TBD	-	654
38-2101-P2A	9.0	1-Initiation & Feasibility	1947	May-2023	15	86
6921 Dowden & Kershaw ⁽¹⁶⁾	0.01	4-Construction	N/A	Apr-2018 A	266	1,874
85 ⁽¹⁰⁾⁽¹⁴⁾	61.1	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	5-Close-Out	1944	May-2019 A	576	4,055
Total SoCalGas Active Pipeline Projects⁽¹⁵⁾					16,300	1,330,858

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Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of November 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)	November 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	(0)	4,996
49-32	0.09	Closed	1950	Jun-2014 A	-	4,347
2018 Reasonableness Review Application (A.18-11-010)						
49-11	0.96	Closed	1969	Jun-2015 A	-	5,744
49-13	3.17	Closed	1959	Jul-2015 A	-	23,565
49-15	1.78	Closed	1950	Feb-2016 A	-	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	11	49,336
Future Filing						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	-	29,746
49-16 4th & Palm	0.03	Closed	1958	Jan-2018 A	14	8,242
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	34	5,166
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	10	69,860
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	15	36,550
49-25	1.74	Closed	1960	Aug-2014 A	-	24,719
49-26	3.46	Closed	1958	Oct-2014 A	5	38,077
49-32-L	0.21	Closed	1965	Aug-2016 A	(1)	8,180
Line 1600						
1600 South					(6)	(0)
1600 ⁽⁶⁾					9	22
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	40	3,607
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	33	964
1600-P1B-MCAS South	0.84	1-Initiation & Feasibility	1949	Aug-2023	18	933
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	15	1,029
1600-P1B-Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	23	874
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	47	5,825
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	24	2,003
1600-P1B-Midway Dr	3.00	3-Detailed Design & Procurement	1949	Jan-2020	287	6,599
1600-P1B-Pomerado Rd North	5.84	1-Initiation & Feasibility	1949	Mar-2021	50	5,934
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	7	692
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	9	642
1600-P1B-Bear Valley Pkwy	3.55	2-Preliminary Design	1949	Feb-2021	99	4,094
1600-P1B-Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	28	3,380
1600-P1B-Scripps Poway Pkwy	3.52	1-Initiation & Feasibility	1949	Nov-2021	27	2,404
1600-P1B-Black Mtn	4.10	3-Detailed Design & Procurement	1949	Apr-2020	460	7,685
1600-P1B-MCAS North	0.41	1-Initiation & Feasibility	1949	Apr-2023	24	1,193
1600-P1B-MCAS Central	1.30	1-Initiation & Feasibility	1949	Jun-2023	20	1,526
1600-P1B-Kearny Mesa	1.5	2-Preliminary Design	1949	Nov-2020	148	3,360
1600-P1B-Serra Mesa	4.2	3-Detailed Design & Procurement	1949	Jun-2020	508	8,062
Total SDG&E Active Pipeline Projects					1,956	417,595

Tables 1 and 2 - Project Footnotes:

- (1) The mileage column was renamed "PSEP Current Mileage," formerly labeled "PSEP Mileage as filed," and updated to reflect the current reporting month's mileage. The mileage reported is the sum of test, replacement, and abandonment miles (except for extensive incidental abandonment). The mileage is subject to change based on various factors including, but not limited to, engineering drawings, construction, and closeout. Numbers may not add exactly due to rounding.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction,
- (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).
- (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 November 2019

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

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	November 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	-	1
36-6588	-	-
36-8-01	-	-
36-8-01-C	-	-
36-8-06	-	-
36-9-06	-	4
36-9-06-A	-	-
36-9-09 North Section 2A	-	(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 November 2019

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

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

Pipeline Project	November 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	1,283
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed ⁽²⁾	8	1,910

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	November 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 November 2019

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

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	November 2019 ⁽⁴⁾ Actuals (in \$,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$,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	(0)	3,604
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,448
V-Banning 5000	2	Closed	Oct-2015 A	-	2,422
V-El Segundo	2	Closed	Apr-2015 A	-	7,557
V-Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,261
V-Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,615
V-Haynes Station	3	Closed	Nov-2016 A	-	1,763
V-Honor Ranch - L225	4	Closed	May-2016 A	-	1,484
V-Indio 2014	4	Closed	May-2015 A	-	2,860
V-Lampson	4	Closed	Apr-2015 A	-	9,882
V-New Desert	7	Closed	Oct-2014 A	-	10,532
V-Newhall Station	7	Closed	Jan-2015 A	-	16,196
V-Orange	3	Closed	Apr-2015 A	-	5,287
V-Questar Taps	6	Closed	Sep-2015 A	-	1,773
V-Rainbow	10	Closed	May-2016 A	-	5,220
V-Riverside 2001	5	Closed	Oct-2015 A	-	2,484
V-Santa Barbara - 1005	1	Closed	Mar-2015 A	-	516
V-Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	1,040
2019 GRC Application (A.17-10-008)					
V-L115-GRC-Herron	3	2-Preliminary Design	Jun-2020	20	544
V-L115-GRC-Pierce	3	4-Construction	Oct-2019 A	656	2,082
V-L115-GRC-Randall	3	3-Detailed Design & Procurement	Dec-2019	1	20
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	12	320
V-L1017-GRC-Bristol	2	3-Detailed Design & Procurement	Jan-2020	155	702
V-L1017-GRC-Dyer	1	5-Close-Out	Jul-2019 A	657	4,864
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Oct-2020	5	352
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Feb-2020	17	206
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	Feb-2020	12	175
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Apr-2020	13	183
V-235-335 West-GRC-Agua Dulce Canyon	3	3-Detailed Design & Procurement	Jul-2020	9	403
V-235-335 West-GRC-Shannon Valley	2	2-Preliminary Design	Jun-2020	9	213
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	May-2020	12	163
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Jun-2020	16	156
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Jan-2020	9	206
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Mar-2020	5	203
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Aug-2020	14	135
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	May-2020	5	158
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Apr-2020	16	180
V-L235-GRC-Oro Mtn	1	4-Construction	Oct-2019 A	427	602
V-L235-GRC-Pisgah Rd	0	5-Close-Out	Aug-2019	146	748
V-L235-GRC-Sacramento Mtn	0	3-Detailed Design & Procurement	May-2020	8	207
V-L235-GRC-Stoddard Wells Rd	1	3-Detailed Design & Procurement	Dec-2019	14	203

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	November 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	6	911
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	40	428
V-SL32-21-GRC-Crosby St	1	4-Construction	Sep-2019 A	611	1,519
V-SL33-120-P1B	1	1-Initiation & Feasibility	Jun-2021	1	53
V-SL43-121-GRC-UCLA NORTH ⁽⁷⁾	1	2-Preliminary Design	Jul-2020	(254)	620
V-SL43-121-GRC-UCLA South	1	1-Initiation & Feasibility	Sep-2020	271	281
V-SL38-504-GRC-Green And 4th	0	2-Preliminary Design	Jul-2020	29	221
V-L324-GRC-Center Rd Stn	3	3-Detailed Design & Procurement	Jan-2020	69	364
V-L324-GRC-Happy Camp	1	3-Detailed Design & Procurement	Dec-2019	8	349
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	4	181
V-L324-GRC-Sence Ranch	1	5-Close-Out	Jul-2019 A	10	987
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Mar-2021	10	253
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Mar-2021	11	221
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	2-Preliminary Design	Jun-2021	16	132
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	May-2021	0	9
V-L2001 And L2051 Fault Isolation-GRC-Monroe St ⁽⁷⁾	2	2-Preliminary Design	Jan-2021	15	134
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jul-2020	4	215
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2020	4	200
V-L3000-GRC-Eagle Peak	1	5-Close-Out	Aug-2019 A	32	975
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	115	1,057
V-L3000-GRC-Marble Mtn	1	5-Close-Out	Jul-2019 A	8	891
V-L3000-GRC-Piute	1	5-Close-Out	Jun-2019 A	(1)	1,035
V-L3000-GRC-Route 66	1	3-Detailed Design & Procurement	Apr-2020	5	206
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Jul-2021	11	200
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	212	3,960
V-L406-GRC-Burbank Etiwanda	2	2-Preliminary Design	Apr-2020	8	405
V-L407-L1205-GRC-San Vicente	6	4-Construction	Nov-2019 A	793	3,069
V-L6906-GRC-Arrow Route Stn	2	3-Detailed Design & Procurement	Jan-2020	16	257
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Apr-2021	3	83
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	3	75
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Jan-2021	1	128
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	0	72
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Feb-2021	2	304
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Jun-2020	13	356
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	12	553
V-L85-GRC-Rising Canyon Rd	1	5-Close-Out	Jul-2019 A	9	851
V-L85-GRC-Twisselman Rd	1	5-Close-Out	Jul-2019 A	7	631
V-L800-GRC-Nevada Ave	1	3-Detailed Design & Procurement	Jan-2020	12	247
V-L800-GRC-Murphy Ranch Rd	1	3-Detailed Design & Procurement	Jan-2020	14	203
V-L800-GRC-Lemoore Junction	2	5-Close-Out	Sep-2019 A	172	1,045
V-L8109-GRC-Arundell	1	1-Initiation & Feasibility	Jan-2021	0	25
V-L8109-GRC-Casita Springs	1	1-Initiation & Feasibility	Nov-2020	2	39
V-L8109-GRC-Cuyama Meter Stn	1	1-Initiation & Feasibility	Aug-2020	3	101
V-L8109-GRC-Hall Canyon	1	1-Initiation & Feasibility	Oct-2020	3	69
V-L8109-GRC-Live Oaks	1	1-Initiation & Feasibility	Sep-2020	3	67
V-L8109-GRC-Sheep Camp	1	1-Initiation & Feasibility	Jan-2021	0	31
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2020	4	297
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Jan-2020	5	379
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Oct-2020	5	369
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	26	1,437
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	Sep-2020	6	822
V-Blythe-P1B-Chuckawalla	2	1-Initiation & Feasibility	Jul-2021	11	85
V-Blythe-GRC-Ford Dry Lake	3	1-Initiation & Feasibility	Jun-2021	19	107
V-Blythe-GRC-Hayfield Stn	3	1-Initiation & Feasibility	May-2021	9	43
V-Brea-GRC-Lincoln	1	5-Close-Out	Apr-2019 A	23	1,933
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	3	351
V-Burbank & Lindley-P1B				(0)	(0)
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Sep-2021	2	301
V-Burbank-GRC-Verdugo & Reese	3	3-Detailed Design & Procurement	Mar-2020	25	664
V-Cabazon-GRC-Millard Pass Rd	1	2-Preliminary Design	Jun-2020	7	71
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Jul-2020	18	90
V-Carpinteria-GRC-Conoco	1	5-Close-Out	May-2019 A	14	1,439
V-Chestnut And Grand-GRC	4	4-Construction	Sep-2019 A	161	822
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Feb-2021	25	815
V-El Segundo-P1B-Scattergood ⁽⁶⁾				14	2,449
V-L1173-GRC-Raytheon	1	2-Preliminary Design	Oct-2020	18	103
V-L1177-GRC-Northrop	1	2-Preliminary Design	Jun-2021	4	75
V-Glendale Bundle-P1B ⁽⁶⁾				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Apr-2020	8	478
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Feb-2020	14	514
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Apr-2020	13	486
V-Goleta-GRC-Santa Rosa Rd Buellton	1	3-Detailed Design & Procurement	Jul-2020	10	515
V-Goleta-GRC-Farren Rd	1	3-Detailed Design & Procurement	Apr-2020	15	433
V-Goleta-GRC-Gaviota St Park	1	5-Close-Out	May-2019 A	71	2,101
V-Goleta-GRC-Popco	1	3-Detailed Design & Procurement	Apr-2020	10	474
V-Haskell Station FM-P1B	1	2-Preliminary Design	Jul-2020	17	136

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	November 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	380
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Sep-2021	-	-
V-Santa Barbara-GRC-Grove Ln	1	4-Construction	Oct-2019 A	294	964
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	10	1,038
V-SB County-GRC-Parsons	1	4-Construction	Nov-2019 A	163	1,107
V-SFV Olympic-GRC-Yarmouth Ave	3	2-Preliminary Design	Jan-2021	4	217
V-SFV Olympic-GRC-Killion St	3	2-Preliminary Design	May-2021	3	94
V-SFV Olympic-GRC-White Oak Ave	1	1-Initiation & Feasibility	Feb-2021	1	13
V-SFV Bundle Valencia ⁽⁶⁾				22	177
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	11	251
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Oct-2020	7	269
V-SFV Valencia-GRC-Eternal Valley	2	2-Preliminary Design	Jun-2020	22	279
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	Aug-2020	11	222
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Mar-2021	10	192
V-Ventura Station-GRC	4	4-Construction	Sep-2019 A	524	1,529
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	May-2020	26	779
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Jun-2020	7	361
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	0	8,398
V-L1018-P1B-Alipaz	1	Closed	May-2018 A	4	1,871
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	(0)	1,257
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	(1)	2,855
V-L1018-P1B-Camino Capistrano	1	Closed	Sep-2018 A	3	4,402
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	10	2,294
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	9	3,274
V-29 Palms-P1B-Indian Canyon	1	Closed	Oct-2017 A	2	1,477
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	10	1,286
V-SL 31-09-GRC-VALLEY AND FAURE	1	1-Initiation & Feasibility	Dec-2020	10	14
V-SL 31-09-GRC-BARRANCA AND FRONT	1	1-Initiation & Feasibility	Nov-2020	11	15
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	28	5,943
V-SL45-120 Section 2-P1B	1	Closed	Apr-2018 A	2	1,134
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	11	11,319
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	0	1,294
V-L4000-P1B-Camp Rock Rd	1	Closed	Dec-2018 A	2	1,300
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	2	1,400
V-L4000-P1B-Desert View Rd	1	Closed	Oct-2018 A	1	1,949
V-L4000-P1B-Devore Stn	3	Closed	Sep-2018 A	8	1,546
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	5	3,821
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	5-Close-Out	Jul-2018 A	3	554
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	735
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	10	1,367
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	2	1,926
V-Banning Airport	2	Closed	Apr-2015 A	-	1,753
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	4	1,773
V-Brea Hacienda Bundle-P1B ⁽⁶⁾				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	(0)	1,085
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	-	454
V-Brea-P1B-Brea Canyon	3	Closed	Oct-2017 A	3	1,362
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	(0)	489
V-Burbank-P1B-Riverside & Agnes	1	5-Close-Out	Oct-2018 A	26	778
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	(1)	1,238
V-Del Amo Station-P1B	3	Closed	Jan-2018 A	3	1,536
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	Closed	Sep-2017 A	2	1,564
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	10	2,143
V-Rainbow 2017	2	Closed	Jul-2018 A	2	1,909
V-Rainbow CV-P1B ⁽⁶⁾				-	-
V-Rainbow CV-P1B-Newport & Briggs	1	Closed	Jul-2018 A	5	531
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)	465
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	3	516
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	256	2,104

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	November 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	53	2,529
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	2	1,626
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	-	1,420
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,318
V-Taft-P1B-Hageman & Runfro	2	5-Close-Out	Nov-2018 A	484	7,955
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	2	409
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	529
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	16	523
V-Wilmington-P1B Eubank Stn	2	Closed	Mar-2018 A	9	795
V-Western/Del Rey Bundle-P1B ⁽⁶⁾				0	10
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
Total SoCalGas Active Valve Projects				7,237	352,867

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	November 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	4	803
V-49-11 & 49-27	1	Closed	Sep-2016 A	2	1,881
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	5	2,280
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	1	829
V-49-23	1	5-Close-Out	Sep-2018 A	22	2,594
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	1	2,463
Total SDG&E Active Valve Projects				35	18,948

Tables 1 and 2 - Project Footnotes:

- (1) Number subject to change based on design and constructability. Backflow Prevention (BFP2) and Flow Meters (FM) are for check valves, regulatory station modifications and communication sites. Counts do not include BFP1 (regulator station modification) projects.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, Stage 5 Close-out, and Closed.
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) New valve project currently being initiated. TBD represent that the Project scope, stage, and/or construction start date information will be available at a later date.
- (6) This valve has been broken up into separate projects for cost and schedule progress reporting purposes. Part of the project requires separate planning and execution due to location, permitting, and/or constructability.

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	November 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 November 2019

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

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	November 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	November 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 November

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

Table 1 - SoCalGas Cost Summary

Cost Type	November 2019 Actuals ^(c) (in \$1,000)	Project-to-Date Actuals ^(c) (in \$1,000)
Total Pipeline Project Costs	16,307	1,332,768
Active Pipeline Projects ^{A-K}	16,300	1,330,858
Remediated or Removed Pipeline Projects	8	1,910
Total Valve Project Costs	7,237	354,122
Active Valve Projects ^{A-C, F-K}	7,237	352,867
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	(958)	23,855
Methane Detectors	-	375
Communications ⁽¹⁾	-	41
Construction ⁽¹⁾	(59)	1,504
Engineering ⁽¹⁾	0	587
Training ⁽¹⁾	(693)	341
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	19
Supply Management ⁽¹⁾	11	1,945
General Administration ⁽¹⁾	(223)	17,541
Program Management Office ⁽¹⁾	5	1,491
GRAND TOTAL SOCALGAS PSEP PROJECT COST	22,587	1,729,181

Table 2 - SDG&E Cost Summary

Cost Type	November 2019 Actuals ^(c) (in \$1,000)	Project-to-Date Actuals ^(c) (in \$1,000)
Total Pipeline Projects	1,956	417,595
Active Pipeline Projects ^{A-K}	1,956	417,595
Remediated or Removed Pipeline Projects	-	0
Total Valve Projects	105	18,913
Active Valve Projects ^{A-C, F-K}	35	18,948
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-E}	-	1,422
Other Costs	5	4,346
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	19
Supply Management ⁽¹⁾	(1)	3,114
General Administration ⁽¹⁾	0	1,044
Program Management Office ⁽¹⁾	5	(8)
GRAND TOTAL SDG&E PSEP PROJECT COST	2,066	442,275

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 November 2019 and project-to-date costs from May 2012 to November 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 November 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$1,895,294 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 \$45.0 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the August 2019 to November 2019 report because amortization exceeds interest for the current month.

(E) As of November 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$529 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 November 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$38,762,497 which includes balancing account interest and reflects approximately \$113.4 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' SEEBBA has decreased from the October 2019 to November 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 SEEBBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of November 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$7,555,368 which includes balancing account interest and approximately \$7.4 million of amortization revenues to-date.

(I) As of November 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$256,418,938 which includes balancing account interest and reflects approximately \$198.9 million of amortization revenues to-date.

(J) As of November 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$74,582,293 which includes balancing account interest and approximately \$42.8 million of amortization revenues to-date.

(K) As of November 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$6,771,990 which includes balancing account interest.