



## February 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.<sup>1</sup> Attached is the update for February 2019.

### II. Current Project Status

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

#### Pipelines (Appendix A):

- New construction activity began on three pipeline projects (Stage 4)
  - 36-37-P1B-12 (Somis)
  - 2001 West-C (Indio, Palm Desert, Cathedral City)
  - 2001 West-D (Whitewater, Banning, Cabazon)
- 6 pipeline projects are in construction (Stage 4)
- 17 pipeline projects are in close-out (Stage 5)

#### Valves (Appendix B):

- New construction activity began on one valve project (Stage 4)
  - V-L3000-GRC-Kelbaker (Needles, San Bernardino)
- 21 valve projects are in construction (Stage 4)
- 35 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*

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<sup>1</sup> D.12-04-021 at 7 and 12 (Ordering Paragraph 4).

V. **Notes**

- **Appendix A Table 1-4, Appendix B Table 1-3, Appendix C Table 1-3, and Appendix D Table 1-2:**

In an effort to ensure costs reported on the PSEP Monthly Status Report are aligned with the costs in regulatory filings, total project-to-date costs now include indirect costs and applicable loaders. Previously, the applicable loaders were excluded from this report.

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

The Valve V-SL38-504-GRC-Green and 4th project lifecycle stage was revised to Stage 1 to accurately reflect the status of the project.

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

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

**Table 1 - SoCalGas Active Pipeline Projects**

Pipeline Project	PSEP Current Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$1,000)
<b>PSRMA Application (A.14-12-016)</b>						
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
<b>2016 Reasonableness Review Application (A.16-09-005)</b>						
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	-	2,737
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	-	1,202
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	-	2,889
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
<b>2017 Forecast Application (A.17-03-021)</b>						
127-P1B-01	0.00	2-Preliminary Design	1944	Mar-2020	-	304
2000-C, D & E <sup>(4)</sup>					9	1,843
2000-C	23.00					
2000-C-P2 <sup>(13)</sup>	TBD	2-Preliminary Design	1947	Jul-2019	15	750
2000-C-CHLA-P2 <sup>(13)</sup>	TBD	2-Preliminary Design	1947	Jan-2020	13	92
2000-D	14.00					
2000-D-BADL-P2 <sup>(13)</sup>	TBD	2-Preliminary Design	1947	Feb-2021	9	121
2000-Moreno	TBD	2-Preliminary Design	1947	May-2020	11	69
36-1002-P1B-01 <sup>(11)</sup>	16.68	2-Preliminary Design	1928	Aug-2020	9	1,751
36-37-P1B-11A	1.46	3-Detailed Design & Procurement	1927	Jun-2019	50	1,255
36-37-P1B-11B	4.71	4-Construction	1927	Jul-2018 A	3,477	28,180
36-37-P1B-11C	1.47	3-Detailed Design & Procurement	1927	Oct-2019	67	902
36-37-P1B-12 <sup>(12)</sup>	31.00	4-Construction	1927	Feb-2019 A	289	3,110
38-514-P1B-03	1.40	3-Detailed Design & Procurement	1945	Jun-2019	66	852
38-556	5.60	3-Detailed Design & Procurement	1956	May-2019	110	1,380
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	89	13,548
43-121-P1B-01	0.30	3-Detailed Design & Procurement	1930	Jun-2019	38	760
45-1001-P1B-01 & 36-1001-P1B-01	1.58	3-Detailed Design & Procurement	1925	Sep-2019	32	960
7043-P1B-01	0.00	2-Preliminary Design	1928	Mar-2020	-	149
<b>2018 Reasonableness Review Application (A.18-11-010)</b>						
1004	9.03	Closed	1945	May-2015 A	-	14,026
2000-C	7.59	Closed	1947	Jan-2017 A	(26)	14,023
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	2	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	-	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	-	3,857
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	20	53,882
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014 A	-	27,256
36-9-09 North Section 4 <sup>(6)</sup>					-	3,125
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	4	11,679
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	26,158
36-9-09 South <sup>(10)</sup>	1.24	Closed	1951	Apr-2016 A	-	2,349

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

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

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$,000)
36-9-09-J <sup>(10)</sup>	0.46	Closed	1920	Jun-2016 A	-	1,936
37-07	3.22	Closed	1945	Sep-2014 A	8	31,299
37-18	4.06	Closed	1945	Oct-2014 A	-	50,386
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,616
37-18 Section 5	0.23	Closed	1945	Apr-2017 A	-	8,393
38-KWB-P1B-01 <sup>(10)</sup>	15.23	Closed	1939	Oct-2015 A	-	1,893
38-200	0.37	Closed	1945	Apr-2016 A	-	8,589
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	5,395
38-501 Section 2	2.12	Closed	1952	Aug-2016 A	-	17,033
38-504	0.38	Closed	1952	Sep-2016 A	-	5,755
38-512	4.92	Closed	1929	Mar-2015 A	333	32,431
38-512 Section 3	0.04	Closed	1929	Sep-2017 A	-	91
38-514 Section 1	0.09	Closed	1945	May-2016 A	-	2,177
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	-	12,749
38-931	2.41	Closed	1942	Jan-2017 A	-	7,419
41-17 <sup>(12)</sup>	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	-	16,134
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	43	27,797
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	-	10,994
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,563
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,566
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	(1)	6,685
404 Section 9	0.41	Closed	1944	Jun-2016 A	-	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	-	84,867
85 South Newhall	0.17	Closed	1930	Dec-2014 A	-	9,889
<b>2019 GRC Application (A.17-10-008)</b>						
1011-P2-01	1.77	2-Preliminary Design	1947	Apr-2020	-	152
1030-P2-01 <sup>(7)</sup>	25.79	2-Preliminary Design	1955	Sep-2020	-	208
225 North <sup>(7)(8)</sup>	8.12	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 <sup>(6)</sup>					1	844
235 West Sec 1	24.64	2-Preliminary Design	1957	Jan-2021		
235 West Sec 2	20.35	2-Preliminary Design	1957	Mar-2020		
235 West Sec 3	26.88	2-Preliminary Design	1957	Nov-2019		
2000-E <sup>(4)</sup>	8.88	2-Preliminary Design	1947	Sep-2020	4	51
2000-P2-02 <sup>(6)</sup>					-	417
2000 Chino Hills	10.00	3-Detailed Design & Procurement	1947	Oct-2019	101	458
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020		
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Feb-2020	11	61
2001E-P2-01 <sup>(7)</sup>	0.07	2-Preliminary Design	1953	Mar-2022	-	100
2001E-P2-02 <sup>(7)</sup>	27.43	2-Preliminary Design	1954	Mar-2022	-	206
2001W-P2-01 <sup>(7)</sup>	5.66	2-Preliminary Design	1953	Jan-2022	-	121
2001 West - C, D & E <sup>(6)</sup>					7	1,630
2001 West - C	13.85		1953			
2001WC-P2 <sup>(13)</sup>	3.67	2-Preliminary Design	TBD	May-2019	10	675
2001WC-CHLA-P2 <sup>(13)</sup>	4.86	2-Preliminary Design	TBD	Mar-2020	12	25
2001 West - D	17.84		1950			
2001W-D-P2 <sup>(13)</sup>	10.35	2-Preliminary Design	TBD	Mar-2020	13	22
2001W-D-BADL-P2 <sup>(13)</sup>	4.57	2-Preliminary Design	TBD	Oct-2020	4	6
2001 West - E	8.88	2-Preliminary Design	1953	Mar-2020	4	5
2005-P2-01 <sup>(7)</sup>	0.28	2-Preliminary Design	1950	Aug-2020	16	135
36-1032-P1B-01 <sup>(6)</sup>					-	382
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Apr-2020	30	641
36-1032-P1B-12	5.16	2-Preliminary Design	1943	Jul-2020	36	727
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	29	812
36-1032-P1B-14	1.73	2-Preliminary Design	1928	Jul-2021	30	759
36-9-09N-P1B-01 <sup>(6)</sup>					-	120
36-9-09N-P1B-12	0.88	3-Detailed Design & Procurement	1920	Jul-2019	82	1,381
36-9-09N-P1B-14	1.92	3-Detailed Design & Procurement	1920	Sep-2019	85	1,288
36-9-09N-P1B-15	1.53	2-Preliminary Design	1920	Mar-2020	36	1,051
36-9-09N-P1B-16	2.02	3-Detailed Design & Procurement	1920	Aug-2019	78	2,544
44-1008-P1B-01 <sup>(6)</sup>					12	463
44-1008 (50%)	27.43	1-Initiation & Feasibility	1937	Jan-2020		
44-1008 (50%) <sup>(7)</sup>	27.43	1-Initiation & Feasibility	1937	Jan-2021		
407-P2-01	3.97	2-Preliminary Design	1951	Jul-2020	22	354
5000-P2-01 <sup>(7)</sup>	0.01	2-Preliminary Design	1953	Mar-2020	-	96
85 Elk Hills to Lake Station <sup>(9)</sup>	13.03	2-Preliminary Design	1931	Oct-2020	74	6,950
<b>Future Filing</b>						
103-P1B-01 <sup>(11)</sup>	9.28	3-Detailed Design & Procurement	1941	Jun-2019	16	328
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2019	1	92
133-P2-01 <sup>(13)</sup>	3.22	1-Initiation & Feasibility	1946	TBD	-	178
173-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1952	TBD	-	6

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

**Table 1 - SoCalGas Active Pipeline Projects (continued)**

Pipeline Project	PSEP Current Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$1,000)
1004-P1B-01	2.43	2-Preliminary Design	1944	Apr-2021	4	642
1004-P2-01 <sup>(13)</sup>	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 <sup>(13)</sup>	12.53	1-Initiation & Feasibility	1951	TBD	-	305
225	3.10	3-Detailed Design & Procurement	1959	Aug-2019	-	1,585
225-P2-01 <sup>(8)(13)</sup>	10.70	1-Initiation & Feasibility	1959	TBD	-	564
225-P2-02 <sup>(13)</sup>	0.04	1-Initiation & Feasibility	1965	TBD	-	227
225-P2-03 <sup>(13)</sup>	0.06	1-Initiation & Feasibility	1959	TBD	-	192
235E-P2-01	114.01	1-Initiation & Feasibility	1960	Jun-20	18	418
L235E-P2-KELSO REPL <sup>(13)</sup>	TBD	TBD	TBD	TBD	-	5
L235E-P2-NORTH NEEDLES REPL <sup>(13)</sup>	TBD	TBD	TBD	TBD	-	2
L235E-P2-NEWBERRY SPRINGS REPL <sup>(13)</sup>	TBD	TBD	TBD	TBD	13	107
257-P2-01 <sup>(13)</sup>	0.02	TBD	1961	TBD	-	154
2000-D	3.18	5-Close-Out	1947	Sep-2017 A	41	10,189
2000-D Section 7&9 <sup>(13)</sup>	3.28	TBD	1947	TBD	-	-
2000-P2-01	0.57	1-Initiation & Feasibility	TBD	Sep-2020	-	-
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Jul-2020	13	1,097
2001 West - C	11.41	4-Construction	1953	Feb-2019 A	518	2,750
2001 West - D	1.60	4-Construction	1950	Feb-2019 A	338	2,138
2001W-P2-02 <sup>(13)</sup>	TBD	TBD	TBD	TBD	-	73
2006	0.07	2-Preliminary Design	1953	Sep-2019	29	286
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	26	35,923
31-09-C <sup>(13)</sup>	1.01	1-Initiation & Feasibility	TBD	Jan-2020	10	26
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	20	12,599
33-121	0.48	Closed	1955	Jan-2018 A	3	4,553
33-750	0.57	1-Initiation & Feasibility	1946	Sep-2019	46	116
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	1	6,104
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	(1)	7,746
36-9-09 North Section 5B-01	0.10	3-Detailed Design & Procurement	1932	Jun-2022	-	2
36-9-09 North Section 5B-02	0.20	5-Close-Out	1932	Nov-2018 A	797	4,578
36-9-09 North Section 6B	1.55	5-Close-Out	1955	Oct-2017 A	27	15,700
36-9-21	0.46	Closed	1950	Aug-2017 A	1	6,794
37-18-K	1.91	5-Close-Out	1949	Mar-2018 A	4	15,994
38-1102-P1B-01 <sup>(13)</sup>	0.01	2-Preliminary Design	1963	TBD	4	665
38-100-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1960	TBD	-	222
38-101-P1B-01	8.76	3-Detailed Design & Procurement	1921	May-2019	339	3,017
38-143-P1B-01 <sup>(13)</sup>	4.42	2-Preliminary Design	1935	TBD	-	755
38-362-P2-01 <sup>(13)</sup>	7.31	1-Initiation & Feasibility	1956	TBD	-	242
38-539-P2-01 <sup>(13)</sup>	12.57	1-Initiation & Feasibility	1947	TBD	-	291
38-952-P2-01 <sup>(13)</sup>	9.22	1-Initiation & Feasibility	1950	TBD	-	252
41-6000-2 Abandonment <sup>(12)</sup>	27.44	5-Close-Out	1948	Aug-2018 A	367	8,109
41-6000-2 Tie Over	0.15	5-Close-Out	1949	Oct-2017 A	129	18,878
41-6001-2	0.00	Closed	1967	Oct-2017 A	1	723
43-121N-P1A-02	0.13	Closed	1930	Apr-2017 A	2	4,990
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	17	4,768
43-121N-P1A-04	0.78	Closed	1930	Aug-2017 A	3	12,745
44-707-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1969	TBD	-	172
44-729-P2-01 <sup>(13)</sup>	0.01	1-Initiation & Feasibility	1958	TBD	-	319
45-120 Section 2	3.53	5-Close-Out	1930	Sep-2014 A	20	92,449
404 Section 4A	0.79	4-Construction	1944	Aug-2018 A	511	9,017
404-P2-01 <sup>(13)</sup>	6.07	1-Initiation & Feasibility	1944	TBD	-	182
404-406 Somis Station	0.14	5-Close-Out	1951	Aug-2018 A	203	7,782
406-P2-01 <sup>(13)</sup>	13.72	1-Initiation & Feasibility	1951	TBD	-	654
6921 Dowden & Kershaw	0.01	5-Close-Out	N/A	Apr-2018 A	43	1,449
85 <sup>(9)(13)</sup>	61.07	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	3-Detailed Design & Procurement	1944	Apr-2019 A	-	1,932
<b>Total SoCalGas Active Pipeline Projects</b>					<b>8,930</b>	<b>1,197,594</b>

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

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

**Table 2 - SDG&E Active Pipeline Projects**

Pipeline Project	PSEP Current Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$1,000)
<b>2016 Reasonableness Review Application (A.16-09-005)</b>						
49-14	0.03	Closed	1959	Sep-2014 A	-	4,622
49-22 <sup>(10)</sup>	4.05	Closed	1951	Apr-2014 A	-	4,996
49-32	0.09	Closed	1950	Jun-2014 A	1	5,017
<b>2018 Reasonableness Review Application (A.18-11-010)</b>						
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	Nov-2015 A	42	36,725
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	363	48,522
<b>Future Filing</b>						
49-16 Pipeline	0.99	5-Close-Out	1948	Mar-2015 A	54	29,696
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018 A	24	7,925
49-16 Gate Station	1.70	4-Construction	1955	Nov-2018 A	200	2,819
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	26	69,390
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	647	36,567
49-25	1.74	Closed	1960	Aug-2014 A	-	24,638
49-26	3.46	5-Close-Out	1958	Oct-2014 A	51	37,052
49-32-L	0.20	5-Close-Out	1965	Aug-2016 A	2	5,600
<b>Line 1600</b>						
1600 South					(515)	12
1600 <sup>(5)</sup>					(35,770)	4,260
L1600-P1B-RAINBOW	3.7	1-Initiation & Feasibility	1949	Apr-22	2,817	2,817
L1600-P1B-COUSER CYN NORTH	2.6	1-Initiation & Feasibility	1949	Dec-23	1,199	1,199
L1600-P1B-MCAS SOUTH	0.8	1-Initiation & Feasibility	1949	Aug-23	731	731
L1600-P1B-RICE CYN	3.2	1-Initiation & Feasibility	1949	Oct-23	1,262	1,262
L1600-P1B-COUSER CYN SOUTH	2.6	1-Initiation & Feasibility	1949	Mar-24	1,115	1,115
L1600-P1B-LILAC RD	5.9	1-Initiation & Feasibility	1949	Aug-22	4,364	4,364
L1600-P1B-LA HONDA AND LINCOLN	1.6	1-Initiation & Feasibility	1949	Jan-22	1,493	1,493
L1600-P1B-MIDWAY DR	2.2	1-Initiation & Feasibility	1949	Jan-20	2,270	2,270
L1600-P1B-POMERADO RD NORTH	5.8	1-Initiation & Feasibility	1949	Mar-21	4,485	4,485
L1600-P1B-DALEY RANCH	3.5	1-Initiation & Feasibility	1949	Feb-23	847	847
L1600-P1B-MOOSA CREEK	0.9	1-Initiation & Feasibility	1949	Jan-23	776	776
L1600-P1B-BEAR VALLEY PKWY	3.7	1-Initiation & Feasibility	1949	Feb-21	2,541	2,541
L1600-P1B-POMERADO RD SOUTH	3.1	1-Initiation & Feasibility	1949	Aug-21	2,617	2,617
L1600-P1B-SCRIPPS POWAY PKWY	3	1-Initiation & Feasibility	1949	Nov-21	1,881	1,881
L1600-P1B-BLACK MTN	4.5	1-Initiation & Feasibility	1949	Apr-20	2,864	2,864
L1600-P1B-MCAS NORTH	1.3	1-Initiation & Feasibility	1949	Apr-23	918	918
L1600-P1B-MCAS CENTRAL	1.3	1-Initiation & Feasibility	1949	Jun-23	1,174	1,174
L1600-P1B-KEARNY MESA	1.4	1-Initiation & Feasibility	1949	Nov-20	1,317	1,317
L1600-P1B-SERRA MESA	4.4	1-Initiation & Feasibility	1949	Jul-20	3,579	3,579
<b>Total SDG&amp;E Active Pipeline Projects</b>					<b>3,373</b>	<b>394,214</b>

**Tables 1 and 2 - Project Footnotes:**

- (1) The mileage column was renamed "PSEP Current Mileage," formerly labeled "PSEP Mileage as filed," and updated to reflect the current reporting month's mileage. The mileage reported is the sum of test, replacement, and abandonment miles (except for extensive incidental abandonment). The mileage is subject to change based on various factors including, but not limited to, engineering drawings, construction, and closeout. Numbers may not add exactly due to rounding.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, Stage 5 Close-out, and Closed.
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) 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.
- (5) 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.
- (6) 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.
- (7) This project was filed in the 2019 General Rate Case (GRC) proceeding (A.17-10-008) as a 4th year project (2022).
- (8) All the costs for project 225 North are captured under project 225-P2-01. In the future, the cost will be split.
- (9) 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.
- (10) The scope for this project is abandonment only.
- (11) The scope for this project is de-rate only.
- (12) The scope for this project is combination of abandonment and de-rate.
- (13) TBD - Information will be updated in the future.
- (14) 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 February 2019**

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

**Table 3 - SoCalGas Pipeline Projects Remediated or Removed**

Pipeline Project	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
119 North-P2-01	-	21
169	-	-
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	-
1024	-	-
1025	-	-
1171LT2	-	-
1171LT1BP2	-	-
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	-
235 East	-	-
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
30-02	-	-
30-02-U	-	-
30-09-A	-	-
30-32	-	1
30-6200	-	-
30-6209	-	-
30-6292	-	-
30-6543	-	-
30-6799	-	-
30-6799BR1	-	-
32-90	-	-
33-6263	-	6
35-10	-	-
35-20	-	-
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520	-	-
36-7-04	-	-
36-1006	-	1
36-6588	-	-
36-8-01	-	-
36-8-01-C	-	-
36-8-06	-	-
36-9-06	-	4
36-9-06-A	-	-
36-9-09 North Section 2A	-	-
36-9-21BR1	-	-
37-04	-	-
37-18 J	-	-
37-49	-	-
37-6180	-	-
38-116-1-P2-01	-	28
38-351	-	-
38-508	-	-
38-516	-	-
38-523	-	63
38-528	-	24
38-552	-	-
38-931-P1B-01	-	113
38-959	-	-
317	-	-
3000-261.73-BO	-	-
3000-261.73-BR	-	-
41-04-1	-	11
41-05	-	6



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

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

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

Pipeline Project	February 2019 Actuals <sup>(1a)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
41-05-A	-	-
41-17-A2	-	5
41-17-F	-	-
41-17-FST1	-	-
41-19	-	-
41-25	-	-
41-25-A	-	-
41-30	-	50
41-35-1-KST2	-	-
41-55	-	-
41-80	-	46
41-83	-	-
41-84	-	-
41-84-A	-	-
41-90	-	-
41-101	-	-
41-116BP1	-	-
41-117	-	-
41-128	-	-
41-141	-	-
41-181	-	35
41-201	-	-
41-207BR1	-	-
41-198	-	-
41-199	-	-
41-6045	-	55
41-6501	-	-
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	3	2,086
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
<b>Total SoCalGas Pipeline Projects Remediated or Removed</b>	<b>3</b>	<b>2,701</b>

**Table 4 - SDG&E Pipeline Projects Remediated or Removed**

Pipeline Project	February 2019 Actuals <sup>(1a)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	-
49-32 (Test)	-	-
<b>Total SDG&amp;E Pipeline Projects Remediated or Removed</b>	<b>-</b>	<b>-</b>

**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 February 2019

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

**Table 1 - SoCalGas Active Valve Projects**

Valve Project	No. of Valves <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
<b>2016 Reasonableness Review Application (A.16-09-005)</b>					
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
<b>2018 Reasonableness Review Application (A.18-11-010)</b>					
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	-	3,883
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	-	2,792
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	7	3,601
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,448
V-Banning 5000	2	Closed	Oct-2015 A	1	2,420
V-El Segundo	2	Closed	Apr-2015 A	-	7,558
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	5	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
<b>2019 GRC Application (A.17-10-008)</b>					
V-L1115-GRC-Herron	3	2-Preliminary Design	Sep-2019	6	372
V-L1115-GRC-Pierce	3	2-Preliminary Design	Jun-2019	74	878
V-L1115-GRC-Randall	3	2-Preliminary Design	Aug-2019	1	3
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Mar-2020	4	221
V-L1017-GRC-Bristol	2	2-Preliminary Design	Dec-2019	90	171
V-L1017-P1B-Dyer	1	3-Detailed Design & Procurement	Jun-2019	13	1,247
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	Aug-2019	12	299
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Apr-2020	7	59
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	May-2020	8	48
V-L235-GRC-Black Canyon	1	2-Preliminary Design	Apr-2020	4	98
V-235-335 West Bundle-P1B <sup>(5)</sup>				(19)	3
V-235-335 West-GRC-Agua Dulce Canyon	3	2-Preliminary Design	Jun-2019	7	206
V-235-335 West-GRC-Shannon Valley	1	2-Preliminary Design	Jun-2020	6	97
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	Apr-2020	25	64
V-L235-GRC-Bristol Mtn	1	2-Preliminary Design	Jun-2020	1	93
V-L235-GRC-Crucero Rd	1	2-Preliminary Design	Jul-2020	2	87
V-L235-GRC-Fernner	1	2-Preliminary Design	Mar-2020	8	133
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Mar-2020	2	45
V-L235-GRC-Kelso Dunes	1	2-Preliminary Design	May-2020	2	96
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Feb-2020	3	119
V-L235-GRC-Oro Mtn	1	2-Preliminary Design	Sep-2020	2	68

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

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

**Table 1 - SoCalGas Active Valve Projects (continued)**

Valve Project	No. of Valves <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(4)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-L235-GRC-Pisgah Rd	0	2-Preliminary Design	Aug-2020	1	50
V-L235-GRC-Sacramento Mtn	0	2-Preliminary Design	Jan-2020	11	131
V-L235-GRC-Stoddard Wells Rd	1	2-Preliminary Design	Oct-2020	1	45
V-SL32-21-GRC-Alhambra Stn	2	2-Preliminary Design	Sep-2019	17	105
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	42	202
V-SL32-21-GRC-Crosby St	1	2-Preliminary Design	May-2020	15	141
V-SL33-120-P1B <sup>(4)</sup>	1	TBD	May-2020	2	41
V-SL38-504-GRC-Hanford Armona And Front	1	1-Initiation & Feasibility	Aug-2020	6	12
V-SL38-504-GRC-Green And 4th <sup>(7)</sup>	TBD	1-Initiation & Feasibility	Jul-2020	-	-
V-L324 Bundle-P1B <sup>(5)</sup>				-	92
V-L324-GRC-Center Rd Stn	3	2-Preliminary Design	Oct-2019	1	1
V-L324-GRC-Happy Camp	1	2-Preliminary Design	Mar-2020	5	64
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	7	123
V-L324-GRC-Sence Ranch	1	2-Preliminary Design	Jul-2020	6	64
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Jul-2019	2	122
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	May-2020	5	115
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	0	1-Initiation & Feasibility	Apr-2021	1	3
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon R	0	1-Initiation & Feasibility	May-2021	(1)	2
V-L2000 And L2051 Fault Isolation-GRC-Monroe St	0	1-Initiation & Feasibility	Jul-2021	1	2
V-L3000-GRC-Bagdad	1	2-Preliminary Design	Jul-2020	2	127
V-L3000-GRC-Black Ridge	1	2-Preliminary Design	Aug-2020	2	117
V-L3000-GRC-Eagle Peak	1	2-Preliminary Design	Jan-2020	9	222
V-L3000-GRC-Kelbaker	1	4-Construction	Feb-2019 A	14	199
V-L3000-GRC-Marble Mtn	1	2-Preliminary Design	May-2020	3	119
V-L3000-GRC-Mercury Mtn	1	2-Preliminary Design	Mar-2020	2	64
V-L3000-GRC-Piute	1	2-Preliminary Design	Feb-2020	16	119
V-L3000-GRC-Route 66	1	2-Preliminary Design	Apr-2020	3	108
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Aug-2020	7	112
V-L4000 MP 69.00 MLV-P1B	1	3-Detailed Design & Procurement	May-2019	13	1,318
V-43-121-P1B	2	2-Preliminary Design	May-2020	-	835
V-L406-GRC-Burbank Etiwanda	1	2-Preliminary Design	Mar-2020	-	-
V-L407-L1205-GRC-San Vicente	2	3-Detailed Design & Procurement	Nov-2019	184	1,783
V-L6906-GRC-Arrow Route Stn	2	1-Initiation & Feasibility	Feb-2021	1	20
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Mar-2021	1	19
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	1	34
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Dec-2019	(3)	96
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	1	65
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Nov-2019	18	209
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Nov-2019	28	195
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	106	244
V-L85-GRC-Rising Canyon Rd	1	2-Preliminary Design	Aug-2019	16	90
V-L85-GRC-Twisselman Rd	1	2-Preliminary Design	Jul-2019	25	82
V-L800-GRC-Nevada Ave	1	2-Preliminary Design	Nov-2019	4	81
V-L800-GRC-Murphy Ranch Rd	1	2-Preliminary Design	Dec-2019	7	58
V-L800-GRC-Lemoore Junction	2	2-Preliminary Design	Dec-2019	14	91
V-L8109 Bundle-P1B <sup>(5)</sup>				-	2
V-L8109-GRC-Arundell	1	TBD	Jan-2021	-	24
V-L8109-GRC-Casita Springs	1	TBD	Nov-2020	9	33
V-L8109-GRC-Cuyama Meter Stn	1	TBD	Aug-2020	3	107
V-L8109-GRC-Hall Canyon	1	TBD	Oct-2020	13	61
V-L8109-GRC-Live Oaks	1	TBD	Sep-2020	9	58
V-L8109-GRC-Sheep Camp	1	TBD	Jan-2021	-	28
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2019	2	267
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Apr-2019	15	307
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Jun-2020	9	327
V-Brea-P1B-Beach	1	3-Detailed Design & Procurement	Mar-2019	69	526
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	May-2019	6	748
V-Blythe-P1B-Chuckawalla <sup>(4)</sup>	2	TBD	Jan-2021	10	33
V-Blythe-P1B-Desert Center Station <sup>(4)</sup>	1	TBD	Feb-2021	1	23
V-Blythe-GRC-Ford Dry Lake <sup>(4)</sup>	3	TBD	Jul-2020	14	39
V-Blythe-GRC-Hayfield Stn <sup>(4)</sup>	3	TBD	Aug-2020	8	23
V-Blythe-GRC-Shaver Summit <sup>(4)</sup>	3	TBD	Feb-2021	-	18
V-Brea-P1B-Lincoln	1	3-Detailed Design & Procurement	Jun-2019	60	624
V-Brea-GRC-Placencia	4	2-Preliminary Design	Oct-2020	7	293
V-Burbank & Lindley-P1B	1	2-Preliminary Design	Apr-2020	6	211
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Mar-2020	10	217
V-Burbank-GRC-Verdugo & Reese	3	2-Preliminary Design	Jul-2019	9	442
V-Cabazon-P1B	3	1-Initiation & Feasibility	May-2020	-	22
V-Carpinteria-GRC-Conoco	1	2-Preliminary Design	Aug-2019	23	536
V-Chestnut And Grand-GRC <sup>(4)</sup>	4	1-Initiation & Feasibility	Sep-2019	20	314
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Apr-2020	22	538
V-El Segundo-P1B-Scattergood	4	3-Detailed Design & Procurement	Mar-2021	18	2,269
V-Glendale Bundle-P1B <sup>(5)</sup>				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Sep-2019	9	248

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

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

**Table 1 - SoCalGas Active Valve Projects (continued)**

Valve Project	No. of Valves <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Sep-2019	10	214
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Sep-2019	9	283
V-Goleta-GRC-Santa Rosa Rd Buellton	1	2-Preliminary Design	Apr-2020	12	375
V-Goleta-GRC-Farren Rd	1	2-Preliminary Design	Dec-2019	8	314
V-Goleta-GRC-Gaviota St Park	1	2-Preliminary Design	May-2019	49	735
V-Goleta-GRC-Popco	1	2-Preliminary Design	Oct-2019	23	301
V-Haskell Station FM-P1B	1	1-Initiation & Feasibility	Nov-2019	7	43
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design	Feb-2020	5	353
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Aug-2020	-	-
V-Santa Barbara-GRC-Grove Ln	1	2-Preliminary Design	Aug-2019	28	352
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	(70)	757
V-SB County-GRC-Parsons	1	3-Detailed Design & Procurement	Jul-2019	(62)	610
V-SFV Olympic-GRC-Yarmouth Ave <sup>(4)</sup>	3	TBD	Apr-2020	4	145
V-SFV Olympic-GRC-Chatsworth St <sup>(4)</sup>	2	TBD	May-2021	(1)	-
V-SFV Olympic-GRC-Killion St <sup>(4)</sup>	3	TBD	May-2020	4	12
V-SFV Olympic-GRC-White Oak Ave <sup>(4)</sup>	1	TBD	Feb-2020	-	4
V-SFV Bundle Valencia <sup>(5)</sup>				4	80
V-SFV Valencia-GRC-Chatsworth and Lindley <sup>(4)(7)</sup>	1	1-Initiation & Feasibility	Oct-2020	-	-
V-SFV Valencia-GRC-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	4	156
V-SFV Valencia-GRC-San Fernando Mission	1	1-Initiation & Feasibility	Apr-2020	7	180
V-SFV Valencia-GRC-Eternal Valley <sup>(4)</sup>	2	1-Initiation & Feasibility	Jan-2021	7	104
V-SFV Valencia-GRC-Wilbur	1	1-Initiation & Feasibility	May-2020	6	105
V-SFV Valencia-GRC-Woodley and Rinaldi	1	1-Initiation & Feasibility	Oct-2020	5	104
V-Ventura Station-GRC	6	2-Preliminary Design	Oct-2019	23	178
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	2-Preliminary Design	Jul-2019	9	285
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Jul-2019	7	236
<b>Future Filing</b>					
V-L1014 Olympic	6	5-Close-Out	Feb-2016 A	178	8,068
V-L1018-P1B-Alipaz	1	5-Close-Out	May-2018 A	7	1,459
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	3	1,231
V-L1018-P1B-Burt Bdl	2	5-Close-Out	Jul-2017 A	14	2,653
V-L1018-P1B-Camino Capistrano	1	4-Construction	Sep-2018 A	198	3,733
V-L1018-P1B-El Toro	1	4-Construction	Dec-2018 A	182	1,517
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	30	2,947
V-29 Palms-P1B-Indian Canyon	1	4-Construction	Oct-2017 A	18	1,380
V-29 Palms-P1B-Mohawk Trail	1	5-Close-Out	Feb-2018 A	9	932
V-29 Palms-P1B-Sunburst St	1	5-Close-Out	May-2018 A	20	1,563
V-29 Palms-P1B-Utah Trail	1	5-Close-Out	Jan-2018 A	42	1,368
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	4-Construction	Jun-2017 A	58	5,576
V-SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	3	1,040
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	28	11,099
V-404-406 Vent. 2016 P1B Somis Yard	1	5-Close-Out	May-2018 A	20	1,281
V-L4000-P1B-Camp Rock Rd	1	4-Construction	Dec-2018 A	253	669
V-L4000-P1B-Powerline Rd	1	4-Construction	Nov-2018 A	450	1,098
V-L4000-P1B-Desert View Rd	1	4-Construction	Oct-2018 A	315	1,742
V-L4000-P1B-Devore Stn	3	4-Construction	Sep-2018 A	64	1,312
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	171	3,597
V-L7000-P1B-Beech & HWY 46	1	5-Close-Out	Mar-2018 A	100	3,596
V-L7000-P1B-Rd 68 & Ave 232	1	Closed	Jan-2018 A	3	2,043
V-L7000-P1B-Rd 96 & Ave 198	1	Closed	Oct-2017 A	9	2,222
V-L7000-P1B-Visalia Stn	2	5-Close-Out	Jul-2018 A	18	439
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	643
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	16	1,586
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	5	387
V-Aviation-P1B-Aviation and 104th	5	5-Close-Out	Apr-2017 A	8	9,741
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	5-Close-Out	Oct-2017 A	5	1,322
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	-	1,288
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	8	1,756
V-Banning Airport	2	Closed	Apr-2015 A	-	1,251
V-Blythe (Cactus City)-P1B	1	4-Construction	Jul-2018 A	70	1,712
V-Brea Hacienda Bundle-P1B				2	2
V-Brea-P1B-Atwood Stn	3	5-Close-Out	Jul-2017 A	33	1,014
V-Brea-P1B-Azusa Ave	1	5-Close-Out	Mar-2018 A	7	438
V-Brea-P1B-Brea Canyon	3	5-Close-Out	Oct-2017 A	39	1,349
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	15	495
V-Burbank-P1B-Riverside & Agnes	1	4-Construction	Oct-2018 A	20	474
V-Carpinteria-P1B-Oxy-Rincon	1	5-Close-Out	Apr-2018 A	6	1,290
V-Del Amo Station-P1B	3	5-Close-Out	Jan-2018 A	7	1,372
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	13	1,506
V-Fontana 4002-P1B-Etiwand & 4th	1	5-Close-Out	Apr-2017 A	9	1,634

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

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

**Table 1 - SoCalGas Active Valve Projects (continued)**

Valve Project	No. of Valves <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	1	543
V-Indio 2016-P1B	2	Closed	Aug-2017 A	26	1,383
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	(13)	1,774
V-Indio-2016-P1B-MLV8s	3	5-Close-Out	Jan-2018 A	4	1,907
V-Palowalla-P1B	3	4-Construction	Feb-2018 A	134	3,821
V-Rainbow 2017	2	5-Close-Out	Jul-2018 A	51	1,781
V-Rainbow CV-P1B <sup>(5)</sup>				-	204
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	(17)	439
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	5-Close-Out	Aug-2018 A	8	198
V-Rainbow CV-P1B-Ramona & Lakeview	2	5-Close-Out	Jul-2018 A	(19)	393
V-Rainbow CV-P1B-Scott & El Centro	2	5-Close-Out	Sep-2018 A	18	507
V-Rainbow-P1B-MLV5	3	4-Construction	Oct-2018 A	147	968
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	81	1,923
V-Spence Station-P1B	2	4-Construction	Dec-2017 A	58	1,472
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	8	1,298
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	(89)	1,318
V-Taft-P1B-Hageman & Runfro	2	4-Construction	Nov-2018 A	436	4,674
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	1	1,337
V-Victorville COMMS-P1B-MLV11	1	4-Construction	Oct-2018 A	36	839
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	1	513
V-Wilmington-P1B Lecouever Ave & F St	3	4-Construction	Oct-2018 A	16	374
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	5	651
V-Western/Del Rey Bundle-P1B <sup>(5)</sup>				-	10
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	1	494
V-Yorba Station-P1B <sup>(4)</sup>	0	TBD	Jan-2022	-	19
<b>Total SoCalGas Active Valve Projects</b>				<b>4,670</b>	<b>306,800</b>

**Table 2 - SDG&E Active Valve Projects**

Valve Project	No. of Valves <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date <sup>(3)</sup> (Month-Year)	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
<b>2018 Reasonableness Review Application (A.18-11-010)</b>					
V-1600 Bundle	16	Closed	Dec-2014 A	-	483
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	12	1,761
<b>Future Filing</b>					
V-1601 Ultrason	1	4-Construction	Apr-2018 A	105	570
V-49-11 & 49-27	1	5-Close-Out	Sep-2016 A	78	1,780
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	50	2,189
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	31	623
V-49-23	1	4-Construction	Sep-2018 A	103	1,865
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	81	2,350
<b>Total SDG&amp;E Active Valve Projects</b>				<b>459</b>	<b>17,503</b>

**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 complete.
- (4) 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.
- (5) 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.
- (6) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (7) The Valve V-SL38-504-GRC-Green and 4th project lifecycle stage was revised to Stage 1 to accurately reflect the status of the project.

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

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

**Table 3 - SoCalGas Valve Projects Remediated or Removed**

<b>Valve Project</b>	<b>February 2019 Actuals<sup>(14)</sup> (in \$1,000)</b>	<b>Project-to-Date Actuals<sup>(1)</sup> (in \$1,000)</b>
V-L115-P1B-Walnut	-	154
V-235-198.20	-	-
V-L247 Goleta-P1B	-	59
V-L2002-P1B	-	7
V-L37-18F	-	-
V-L4002 MP 67.00 MLV	-	395
V-L4002 MP 72.70-P1B	-	-
V-L4000-P1B-Cajon Junction	-	-
V-L4002 MP 86.44-FM-P1B	-	-
V-L765-P1B-Fairmont & Faircourt	-	-
V-L765-P1B-Mission & Workman	-	-
V-L85 Templin Highway MP 137.99-P1B	-	107
V-L8109-GRC-Apache Canyon	-	32
V-Blythe COMMs-P1B	-	-
V-Goleta-P1B-More Ranch Rd	-	130
V-Lampson Check Valves-P1B	-	20
V-Los Alamitos	-	250
V-Needles COMMs-P1B	-	21
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
<b>Total SoCalGas Valve Projects Remediated or Removed</b>	-	<b>1,282</b>

**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 February 2019

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

**Table 1 - SoCalGas Records Review and Interim Safety Measure Costs**

Cost Type	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
Leak Survey and Pipeline Patrol	-	1,820
Records Review	-	15,822
Pressure Protection Equipment	-	312
Other Remediation	-	482
<b>Total SoCalGas Records Review and Interim Safety Measure Costs</b>	-	<b>18,436</b>

**Table 2 - SDG&E Records Review and Interim Safety Measure Costs**

Cost Type	February 2019 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
Leak Survey and Pipeline Patrol	-	70
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
<b>Total SDG&amp;E Records Review and Interim Safety Measure Costs</b>	-	<b>1,172</b>

**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 February 2019

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

**Table 1 - SoCalGas Cost Summary**

Cost Type	February 2019 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Project Costs</b>	<b>8,934</b>	<b>1,200,295</b>
Active Pipeline Projects <sup>A,K</sup>	8,930	1,197,594
Remediated or Removed Pipeline Projects	3	2,701
<b>Total Valve Project Costs</b>	<b>4,670</b>	<b>308,082</b>
Active Valve Projects <sup>A,C, F,K</sup>	4,670	306,800
Remediated or Removed Valve Projects	-	1,282
<b>Total Records Review and Interim Safety Measure Costs<sup>A,E</sup></b>	<b>-</b>	<b>18,436</b>
<b>Total Pipeline and Valve Other Costs</b>	<b>401</b>	<b>24,215</b>
Methane Detectors	-	376
Communications <sup>(1)</sup>	-	41
Construction <sup>(1)</sup>	4	1,576
Engineering <sup>(1)</sup>	-	584
Training <sup>(1)</sup>	27	813
Gas Control <sup>(1)</sup>	-	11
Environmental <sup>(1)</sup>	-	19
Supply Management <sup>(1)</sup>	-	2,151
General Administration <sup>(1)</sup>	368	17,846
Program Management Office <sup>(1)</sup>	1	799
<b>GRAND TOTAL SOCALGAS PSEP PROJECT COST</b>	<b>14,005</b>	<b>1,551,028</b>

**Table 2 - SDG&E Cost Summary**

Cost Type	February 2019 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Projects</b>	<b>3,373</b>	<b>394,214</b>
Active Pipeline Projects <sup>A,K</sup>	3,373	394,214
Remediated or Removed Pipeline Projects	-	-
<b>Total Valve Projects</b>	<b>459</b>	<b>17,503</b>
Active Valve Projects <sup>A,C, F,K</sup>	459	17,503
Remediated or Removed Valve Projects	n/a	n/a
<b>Total Records Review and Interim Safety Measure Costs<sup>A,E</sup></b>	<b>-</b>	<b>1,172</b>
<b>Other Costs</b>	<b>37</b>	<b>3,891</b>
Methane Detectors	-	117
Communications <sup>(1)</sup>	-	8
Construction <sup>(1)</sup>	-	18
Engineering <sup>(1)</sup>	-	132
Training <sup>(1)</sup>	-	(0)
Gas Control <sup>(1)</sup>	0	1
Environmental <sup>(1)</sup>	0	19
Supply Management <sup>(1)</sup>	(2)	2,167
General Administration <sup>(1)</sup>	39	1,405
Program Management Office <sup>(1)</sup>	0	23
<b>GRAND TOTAL SDG&amp;E PSEP PROJECT COST</b>	<b>3,869</b>	<b>416,781</b>

**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 February 2019 and project-to-date costs from May 2012 to February 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 February 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$5,510,364 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 \$41.3 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the January 2019 to February 2019 report because amortization exceeds interest for the current month.

(E) As of February 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$520 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 February 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$48,340,860 which includes balancing account interest and reflects approximately \$88.5 million of amortization revenues to-date. The overall SoCalGas SEEBA balance has decreased from the January 2019 to February 2019 report because amortization exceeds the recorded costs and interest for the current month.

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

(H) As of February 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,941,971 which includes balancing account interest and approximately \$6.0 million of amortization revenues to-date. The overall SDG&E SEEBA balance has decreased from the January 2019 to February 2019 report because amortization exceeds the recorded costs and interest for the current month.

(I) As of February 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$242,227,042 which includes balancing account interest and reflects approximately \$102.9 million of amortization revenues to-date.

(J) As of February 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$66,310,918 which includes balancing account interest and approximately \$22.0 million of amortization revenues to-date.

(K) As of February 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$9,675,491 which includes balancing account interest.