



## October 2018 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 October 2018.

### II. Current Project Status

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

#### Pipelines (Appendix A):

- No new construction activity on pipeline projects (Stage 4)
- 4 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stages 5)

#### Valves (Appendix B):

- New construction activity began on four valve projects (Stage 4)
  - V-L4000-P1B-Desert View Rd (San Bernardino County)
  - V-Burbank-P1B-Riverside & Agnes (Valley Village)
  - V-Rainbow-P1B-MLV5 (Temecula, Riverside)
  - V-Wilmington-P1B Lecouver Ave & F St (Los Angeles)
- 19 valve projects are in construction (Stage 4)
- 47 valve projects are in close-out (Stage 5)

### III. Costs

Actual project costs are tracked in SoCalGas' and SDG&E's respective Regulatory Accounts and are provided in Appendices A, B, and C, and are summarized in Appendix D.

### IV. Attachments

- Appendix A – *SoCalGas/SDG&E PSEP - Pipeline Project 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 No. 4).

V. **Notes**

- **Appendix A, SoCalGas Active Pipeline Projects Table 1, Footnote 15 and Appendix A, SoCalGas Pipeline Projects Remediated or Removed Table 3, Footnote 2:** Project 38-931-P1B-01 has been descoped. This project was removed from the SoCalGas active pipeline projects table and added to the SoCalGas pipeline projects remediated or removed table.
- **Appendix A, SoCalGas Active Pipeline Projects Table 1, Footnote 16:** The difference of approximately \$5K from the September 2018 to October 2018 project-to-date cost is due to rounding.

**SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018**

**Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018**

**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)	October 2018 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	-	22,427
42-66-1&2	0.06	Closed	1947	Oct-2013 A	-	681
Playa Del Rey Phase 1&2	0.13	Closed	1955	Mar-2013 A	-	648
<b>2016 Reasonableness Review Application (A.16-09-005)</b>						
1005	0.03	Closed	1951	Sep-2014	-	5,820
1011	0.08	Closed	1947	Jul-2014	-	2,418
1013	0.03	Closed	1956	Jul-2014	-	2,423
1014	0.00	Closed	1959	Oct-2014	-	825
1015	0.41	Closed	1954	Aug-2014	-	5,541
235 West	0.03	Closed	1957	Jun-2014	-	3,406
235W Sawtooth Canyon	0.32	Closed	1957	Oct-2014	-	1,884
2000-West Section 1,2,3	14.57	Closed	1945	Jul-2014	(153)	23,280
2001 West - A	0.01	Closed	1950	Apr-2014	-	745
2001 West-B Section 10,11,14	2.94	Closed	1950	Aug-2014	-	11,884
2003	0.25	Closed	1953	Aug-2014	-	8,805
33-120 Section 2	0.28	Closed	1940	Jun-2014	-	7,052
35-20-N	0.01	Closed	1963	Aug-2014	-	231
36-1032	0.65	Closed	1928	May-2014	-	9,895
36-37	0.01	Closed	1970	Apr-2014	-	1,042
36-9-09 North Section 2B	2.15	Closed	1953	Jun-2014	-	2,416
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015	-	2,699
38-539	2.61	Closed	1949	Oct-2014	-	15,469
41-30-A	0.02	Closed	1951	Jul-2014	-	432
44-654	0.05	Closed	1957	Jun-2014	-	1,825
45-120 Section 1	0.55	Closed	1930	Mar-2014	-	5,828
45-120X01	0.01	Closed	1930	Sep-2013	-	750
406 Section 1,2,2A,4,5	1.17	Closed	1951	Aug-2014	-	9,685
407	3.00	Closed	1951	Mar-2014	-	6,391
Playa Del Rey Phase 5	0.27	Closed	1955	Mar-2015	-	5,007
<b>2017 Forecast Application (A.17-03-021)</b>						
127-P1B-01	0.00	2-Preliminary Design	1944	Mar-2020	-	234
2000-C, D & E <sup>(4)</sup>					21	2,454
2000-C	23.00	2-Preliminary Design	1947	Jul-2019		
2000-D	14.00	2-Preliminary Design	1947	Jan-2020		
36-1001-P1B-01	0.13	2-Preliminary Design	1925	Sep-2019	(143)	-
36-1002-P1B-01 <sup>(11)</sup>	16.68	2-Preliminary Design	1928	Jul-2019	-	1,503
36-37-P1B-11A	1.75	3-Detailed Design & Procurement	1927	Jun-2019	104	450
36-37-P1B-11B	4.40	4-Construction	1927	Jul-2018	5,592	14,962
36-37-P1B-11C	1.47	2-Preliminary Design	1927	Jun-2019	35	258
36-37-P1B-12 <sup>(12)</sup>	31.00	3-Detailed Design & Procurement	1927	Feb-2019	119	2,203
38-514-P1B-01	1.40	2-Preliminary Design	1945	Jun-2019	7	450
38-556	5.60	2-Preliminary Design	1956	Apr-2019	13	801
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018	1,729	10,903
43-121-P1B-01	0.30	2-Preliminary Design	1930	Aug-2019	19	524
45-1001-P1B-01	1.10	2-Preliminary Design	1925	Sep-2019	175	632
7043-P1B-01	0.00	2-Preliminary Design	1928	Mar-2020	-	124
<b>2019 GRC Application (A.17-10-008)</b>						
1011-P2-01	1.77	2-Preliminary Design	1947	May-2020	-	144
1030-P2-01 <sup>(7)</sup>	25.79	2-Preliminary Design	1955	Apr-2022	-	196
225 North <sup>(7)(8)</sup>	8.12	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 <sup>(6)</sup>					-	777
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	May-2020		
2000-P2-02 <sup>(6)</sup>					-	391
2000 Chino Hills	10.00	2-Preliminary Design	1947	Oct-2019		
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Aug-2020		
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Aug-2020		
2001E-P2-01 <sup>(7)</sup>	0.07	2-Preliminary Design	1953	Mar-2022	-	88
2001E-P2-02 <sup>(7)</sup>	27.43	2-Preliminary Design	1954	Mar-2022	-	193
2001W-P2-01 <sup>(7)</sup>	5.66	2-Preliminary Design	1953	Jan-2022	-	113
2001 West -E <sup>(6)</sup>					-	2,063
2001 West - C	13.85	2-Preliminary Design	1953	Jan-2021		
2001 West - D	17.84	2-Preliminary Design	1950	Mar-2020		
2001 West - E	8.88	2-Preliminary Design	1953	Oct-2021		
2005-P2-01 <sup>(7)</sup>	0.28	2-Preliminary Design	1950	Nov-2019	-	101
36-1032-P1B-01 <sup>(6)</sup>					-	292
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Apr-2020	-	507
36-1032-P1B-12	5.16	2-Preliminary Design	1943	Sep-2020	-	574
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	-	621
36-1032-P1B-14	1.73	2-Preliminary Design	1928	Jul-2021	1	565

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018

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)	October 2018 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$1,000)
36-9-09N-P1B-01 <sup>(6)</sup>					-	43
36-9-09N-P1B-12	0.88	3-Detailed Design & Procurement	1920	Jul-2019	29	848
36-9-09N-P1B-14	1.92	2-Preliminary Design	1920	Sep-2019	7	812
36-9-09N-P1B-15	1.53	2-Preliminary Design	1920	Jan-2020	8	758
36-9-09N-P1B-16	2.02	3-Detailed Design & Procurement	1920	Aug-2019	36	1,661
44-1008-P1B-01 <sup>(6)</sup>					2	323
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	5	229
5000-P2-01 <sup>(7)</sup>	0.02	2-Preliminary Design	1953	Sep-2022	-	84
85 Elk Hills to Lake Station <sup>(9)</sup>	13.03	2-Preliminary Design	1931	Oct-2020	3	4,487
Future Filing						
103-P1B-01 <sup>(11)</sup>	9.28	1-Initiation & Feasibility	1941	Feb-2019	6	179
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2019	1	54
133-P2-01 <sup>(13)</sup>	3.22	1-Initiation & Feasibility	1946	TBD	-	161
173-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1952	TBD	-	5
1004	9.03	Closed	1945	May-2015	-	13,047
1004-P1B-01 <sup>(13)</sup>	2.43	2-Preliminary Design	1944	TBD	-	580
1004-P2-01 <sup>(13)</sup>	1.28	1-Initiation & Feasibility	1944	TBD	-	144
1005-P2 <sup>(13)</sup>	12.53	1-Initiation & Feasibility	1951	TBD	-	291
225	3.10	3-Detailed Design & Procurement	1959	Mar-2019	-	1,374
225-P2-01 <sup>(8)(13)</sup>	10.70	1-Initiation & Feasibility	1959	TBD	-	514
225-P2-02 <sup>(13)</sup>	0.04	1-Initiation & Feasibility	1965	TBD	-	199
225-P2-03 <sup>(13)</sup>	0.06	1-Initiation & Feasibility	1959	TBD	-	168
235E-P2-01 <sup>(13)</sup>	114.01	1-Initiation & Feasibility	1960	TBD	24	93
257-P2-01 <sup>(13)</sup>	0.02	TBD	1961	TBD	-	134
2000-C	7.59	Closed	1947	Jan-2017	3	12,892
2000-D	3.18	5-Close-Out	1947	Sep-2017	26	9,110
2000-D Section 7&9 <sup>(13)</sup>	3.28	TBD	1947	TBD	-	-
2000-P2-01	0.57	1-Initiation & Feasibility	TBD	Sep-2020	-	27
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016	4	8,391
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Jul-2020	54	764
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015	-	4,742
2001 West - C	11.41	3-Detailed Design & Procurement	1953	Apr-2019	33	1,812
2001 West - D	1.60	3-Detailed Design & Procurement	1950	Apr-2019	13	1,525
2001W-P2-02 <sup>(13)</sup>	TBD	TBD	TBD	TBD	-	60
2003 Section 2	0.09	Closed	1957	Jul-2015	-	2,749
2006	0.06	2-Preliminary Design	TBD	Sep-2019	23	106
30-18 Section 1	2.00	Closed	1943	Jul-2014	5	592
30-18 Section 2	0.65	5-Close-Out	1943	Jan-2018	17	30,455
30-18 Section 3	0.01	Closed	1943	Oct-2016	-	1,806
31-09	0.21	Closed	1969	Jul-2015	-	3,647
31-09-C <sup>(13)</sup>	TBD	TBD	TBD	TBD	-	4
32-21 Section 1	1.56	Closed	1948	May-2015	-	9,430
32-21 Section 2	1.60	Closed	1948	Jun-2016	-	5,140
32-21 Section 3	2.39	Closed	1948	Sep-2016	(1)	3,565
33-120 Section 1	0.23	5-Close-Out	1930	Sep-2017	2	10,857
33-120 Section 3	0.52	Closed	1940	Jun-2017	-	6,565
33-121	0.46	Closed	1955	Jan-2018	10	4,103
33-750	0.57	1-Initiation & Feasibility	TBD	Aug-2020	1	21
36-1002	0.03	Closed	1928	Jun-2015	-	1,847
36-1032 Section 4	0.32	5-Close-Out	1953	Jul-2017	1	5,401
36-9-09 North Section 1	5.98	Closed	1920	May-2015	-	46,900
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014	-	25,480
36-9-09 North Section 4 <sup>(6)</sup>					-	3,036
36-9-09 North Section 4A	0.58	Closed	1940	May-2017	(3)	4,248
36-9-09 North Section 4B	0.46	Closed	1940	Sep-2014	-	5,657
36-9-09 North Section 5A	1.49	Closed	1960	Feb-2016	1	12,647
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016	7	7,062
36-9-09 North Section 5B-01	0.10	3-Detailed Design & Procurement	1932	Jun-2022	-	1
36-9-09 North Section 5B-02	0.20	3-Detailed Design & Procurement	1932	Nov-2018	148	456
36-9-09 North Section 6B	1.55	5-Close-Out	1955	Oct-2017	166	13,768
36-9-09 North Section 7A	1.07	Closed	1932	Sep-2016	1	10,770
36-9-09 North Section 7B	3.19	Closed	1932	May-2015	-	24,258
36-9-09 South <sup>(10)</sup>	1.24	Closed	1951	Apr-2016	-	2,146
36-9-09-JJ <sup>(10)</sup>	0.46	Closed	1920	Jun-2016	1	1,724
36-9-21	0.46	5-Close-Out	1950	Aug-2017	4	5,937
37-07	3.22	Closed	1945	Sep-2014	1	27,425
37-18	4.06	Closed	1945	Oct-2014	12	42,116
37-18-F	2.08	Closed	1946	Aug-2016	-	6,892
37-18-K	1.91	5-Close-Out	1949	Mar-2018	1,040	15,120
37-18 Section 5	0.23	Closed	1945	Apr-2017	-	7,580
38-KWB-P1B-01 <sup>(10)</sup>	15.23	Closed	1939	Oct-2015	-	1,741

**SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018**

**Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018**

**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)	October 2018 Actuals <sup>(14)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(14)</sup> (in \$1,000)
38-1102-P1B-01 <sup>(13)</sup>	0.01	2-Preliminary Design	1963	TBD	3	485
38-100-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1960	TBD	-	211
38-101-P1B-01 <sup>(13)</sup>	8.56	2-Preliminary Design	1921	TBD	99	1,841
38-143-P1B-01 <sup>(13)</sup>	4.42	2-Preliminary Design	1935	TBD	-	626
38-200	0.37	Closed	1945	Apr-2016	-	7,517
38-362-P2-01 <sup>(13)</sup>	7.31	1-Initiation & Feasibility	1956	TBD	-	222
38-501 Section 1	0.32	Closed	1952	Jun-2015	-	4,727
38-501 Section 2	2.12	Closed	1952	Aug-2016	(1)	15,482
38-504	0.38	Closed	1952	Sep-2016	-	5,180
38-512	4.92	Closed	1929	Mar-2015	1	28,972
38-512 Section 3	0.04	Closed	1929	Sep-2017	-	76
38-514 Section 1	0.09	Closed	1945	May-2016	2	1,935
38-514 Section 2	2.84	Closed	1945	Feb-2016	-	11,680
38-539-P2-01 <sup>(13)</sup>	12.57	1-Initiation & Feasibility	1947	TBD	-	265
38-931	2.41	Closed	1942	Jan-2017	1	6,639
38-952-P2-01 <sup>(13)</sup>	9.22	1-Initiation & Feasibility	1950	TBD	-	229
41-17 <sup>(12)</sup>	2.62	5-Close-Out	1955	Sep-2016	1	2,554
41-116	0.01	Closed	1957	Oct-2016	-	200
41-6000-2 Abandonment <sup>(12)</sup>	27.44	4-Construction	1948	Aug-2018	520	3,094
41-6000-2 Tie Over	0.15	5-Close-Out	1949	Oct-2017	97	15,465
41-6001-2	0.00	Closed	1967	Oct-2017	1	542
43-121 North	1.01	Closed	1930	Aug-2016	7	14,216
43-121 South	1.48	Closed	1930	Aug-2014	(17)	30,280
43-121N-P1A-02	0.10	Closed	1930	Apr-2017	4	4,451
43-121N-P1A-03	0.15	5-Close-Out	1930	Apr-2017	19	4,259
43-121N-P1A-04	0.78	5-Close-Out	1930	Aug-2017	17	11,307
44-137	1.04	Closed	1950	Nov-2014	3	24,632
44-687	0.30	Closed	1946	Sep-2014	1	5,176
44-707-P2-01 <sup>(13)</sup>	0.00	1-Initiation & Feasibility	1969	TBD	-	150
44-720	1.49	Closed	1947	Jun-2015	1	9,951
44-729-P2-01 <sup>(13)</sup>	0.01	1-Initiation & Feasibility	1958	TBD	-	306
45-120 Section 2	3.53	5-Close-Out	1930	Sep-2014	26	75,690
404 Section 1	0.03	Closed	1944	Sep-2015	1	2,622
404 Section 2	2.98	Closed	1944	Sep-2015	1	3,784
404 Section 2A	0.82	Closed	1944	Mar-2017	-	2,292
404 Section 3A	0.56	Closed	1944	Aug-2016	-	5,047
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014	(25)	2,470
404 Section 4A	0.79	4-Construction	1944	Aug-2018	1,987	4,423
404 Section 4&5	7.32	Closed	1944	Sep-2015	1	6,191
404 Section 9	0.41	Closed	1944	Jun-2016	-	1,869
404-P2-01 <sup>(13)</sup>	6.07	1-Initiation & Feasibility	1944	TBD	-	174
404-406 Somis Station	0.14	4-Construction	1951	Aug-2018	1,044	4,194
406-P2-01 <sup>(13)</sup>	13.72	1-Initiation & Feasibility	1951	TBD	-	622
406 Section 3	0.43	Closed	1949	Jun-2016	-	2,374
6914 Installation	11.74	Closed	1948	Sep-2015	-	76,599
6921 Dowden & Kershaw	0.02	5-Close-Out	N/A	Apr-2018	24	704
85 <sup>(9)(13)</sup>	61.07	2-Preliminary Design	1931	TBD	-	-
85 South Newhall	0.17	Closed	1930	Dec-2014	-	8,919
Goleta	0.29	3-Detailed Design & Procurement	1944	Apr-2019	(45)	1,637
<b>Total SoCalGas Active Pipeline Projects<sup>(15)(16)</sup></b>					<b>12,981</b>	<b>1,030,675</b>

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018

**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)	October 2018 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	(18)	4,061
49-22 <sup>(10)</sup>	4.05	Closed	1951	Apr-2014	-	4,057
49-32	0.09	Closed	1950	Jun-2014	2	4,220
<b>Future Filing</b>						
49-11	0.96	Closed	1969	Jun-2015	-	6,667
49-13	3.17	Closed	1959	Jul-2015	-	20,898
49-15	2.79	5-Close-Out	1950	Nov-2015	(341)	32,522
49-15 Transmission	0.98	Closed	1950	Nov-2015	2	7,854
49-16 Pipeline	0.99	5-Close-Out	1948	Mar-2015	32	25,509
49-16 4th & Palm	0.01	5-Close-Out	1958	Jan-2018	86	7,004
49-16 Gate Station	0.03	3-Detailed Design & Procurement	1955	Nov-2018	76	1,638
49-17 East	5.16	5-Close-Out	1948	Jun-2015	467	60,417
49-17 West	1.64	5-Close-Out	1948	Oct-2014	86	28,484
49-25	1.74	Closed	1960	Aug-2014	(377)	21,882
49-26	3.46	5-Close-Out	1958	Oct-2014	831	31,022
49-28	2.60	5-Close-Out	1932	Sep-2014	135	39,463
49-32-L	0.20	5-Close-Out	1965	Aug-2016	1	4,932
<b>Line 1600</b>						
1600 South					-	444
1600 <sup>(6)(13)</sup>	49.89	2-Preliminary Design	1949	TBD	126	25,786
<b>Total SDG&amp;E Active Pipeline Projects</b>					<b>1,108</b>	<b>326,859</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 five stages of a pipeline project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, and Stage 5 Close-out.
- (3) The "A" at the end of the date represents that construction has begun.
- (4) Project 2000-C, D & E currently includes cost for Sections C, D & E. Sections C & D are part of Forecast Application and Section E is part of 2019 GRC. In the future, the cost will be split.
- (5) Decision (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 to include the status of Line 1600 in this report. See D.18-06-028, mimeo., 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.
- (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) Application A.17-10-007/008 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) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.
- (15) Project 38-931-P1B-01 has been descope. This project was removed from the SoCalGas active pipeline projects table and added to the SoCalGas pipeline projects remediated or removed table.
- (16) The difference of approximately \$5K from the September 2018 to October 2018 project-to-date cost is due to rounding.

**SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018**

**Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018**

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

Pipeline Project	October 2018 Actuals <sup>(1)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
119 North-P2-01	-	20
169	-	-
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	-
1024	-	-
1025	-	-
1171LT2	-	-
1171LT1BP2	-	-
1172 BP2ST1	-	-
1172 BP2ST2	-	2
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	29
235 East	-	-
247	-	18
2000-Bridge	-	(7)
2000-0.18-BO Crossover Piping	-	(3)
2001 East	-	106
30-02	-	-
30-02-U	-	-
30-09-A	-	-
30-32	-	-
30-6200	-	-
30-6209	-	-
30-6292	-	-
30-6543	-	-
30-6799	-	-
30-6799BR1	-	-
32-90	-	-
35-10	-	-
35-20	-	-
35-20-A	-	17
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	-	27
38-351	-	-
38-508	-	-
38-516	-	5
38-523	-	55
38-528	-	22
38-552	-	-
38-931-P1B-01 (2)	-	91
38-959	-	-
317	-	-
3000-261.73-BO	-	-
3000-261.73-BR	-	-
41-04-I	-	8
41-05	-	4
41-05-A	-	-



**SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018**

**Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of October 2018**

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

Pipeline Project	October 2018 Actuals <sup>(1)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
41-17-A2	-	4
41-17-F	-	(1)
41-17-FST1	-	-
41-19	-	-
41-25	-	1
41-25-A	-	-
41-30	-	37
41-35-1-KST2	-	-
41-55	-	-
41-80	-	41
41-83	-	-
41-84	-	-
41-84-A	-	-
41-90	-	-
41-101	-	-
41-116BP1	-	-
41-117	-	-
41-128	-	-
41-141	-	-
41-181	-	28
41-201	-	-
41-207BR1	-	-
41-198	-	-
41-199	-	-
41-6045	-	52
41-6501	-	-
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	-	1,336
45-163	-	1
408XO1	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
<b>Total SoCalGas Pipeline Projects Remediated or Removed<sup>(2)</sup></b>	-	<b>1,900</b>

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

Pipeline Project	October 2018 Actuals <sup>(1)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	-
49-32 <sup>(Test)</sup>	-	-
<b>Total SDG&amp;E Pipeline Projects Remediated or Removed</b>	-	-

**Tables 3 and 4 - Project Footnotes:**

(1) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

(2) Project 38-931-P1B-01 has been descope. This project was removed from the SoCalGas active pipeline projects table and added to the SoCalGas pipeline projects remediated or removed table.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 2018

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)	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
<b>2016 Reasonableness Review Application (A.16-09-005)</b>					
235-335 Palmdale	6	Closed	Jun-2014 A	-	6,771
Arrow & Haven	1	Closed	May-2014 A	-	965
Bain Street Station	2	Closed	Dec-2013 A	-	883
Brea Station-1013	1	Closed	Oct-2014 A	-	240
Chino Station	5	Closed	Dec-2013 A	-	997
Haskell Station	2	Closed	Jan-2014 A	-	698
Moreno Large	1	Closed	Jan-2014 A	-	505
Moreno Small	2	Closed	Jan-2014 A	-	710
Pixley Station	3	Closed	Nov-2014 A	-	1,339
Prado Station	5	Closed	Jan-2014 A	-	1,207
Puente Station	2	Closed	Jun-2014 A	-	16
Santa Fe Springs	3	Closed	Mar-2014 A	-	723
SGV	3	Closed	Feb-2015 A	-	5,051
Victoria Station	4	Closed	Dec-2014 A	-	1,533
Whitewater Station	3	Closed	Mar-2014 A	-	702
<b>2019 GRC Application (A.17-10-008)</b>					
V-L115-P1B-Herron	3	2-Preliminary Design	Apr-2019	7	270
V-L115-P1B-Pierce	3	2-Preliminary Design	Jun-2019	22	358
V-L115-P1B-Randall	3	2-Preliminary Design	May-2019	(8)	262
V-L1004-P1B-Ortega Hill	1	2-Preliminary Design	Mar-2020	8	141
V-L1017-P1B-Bristol	2	2-Preliminary Design	Oct-2019	3	55
V-L225 Honor Ranch-P1B-Castaic	1	2-Preliminary Design	Mar-2019	2	178
V-L225 Forest Service-P1B-Forest Inn Road	1	1-Initiation & Feasibility	Apr-2020	2	4
V-L225 Forest Service-P1B-Old Ridge Route	1	1-Initiation & Feasibility	May-2020	1	2
V-L235-P1B-Black Canyon	0	2-Preliminary Design	Apr-2020	13	77
235-335 West Bundle-P1B <sup>(5)</sup>				(17)	86
V-235-335 West-P1B-Agua Dulce Canyon	3	2-Preliminary Design	Jun-2019	22	110
V-235-335 West-P1B-Shannon Valley	1	2-Preliminary Design	Jun-2020	4	8
V-235-335 West-P1B-Tick Canyon	2	2-Preliminary Design	Mar-2020	2	5
V-L235-P1B-Bristol Mtn	0	2-Preliminary Design	Jun-2020	15	76
V-L235-P1B-Crucero Rd	0	2-Preliminary Design	Jul-2020	3	44
V-L235-P1B-Fernner	0	2-Preliminary Design	Mar-2020	15	93
V-L235-P1B-Hwy 247	0	2-Preliminary Design	Mar-2020	1	26
V-L235-P1B-Kelso Dunes	0	2-Preliminary Design	May-2020	14	79
V-L235-P1B-Mtn Springs	0	2-Preliminary Design	Feb-2020	8	92
V-L235-P1B-Oro Mtn	0	2-Preliminary Design	Sep-2020	3	35
V-L235-P1B-Pisgah Rd	0	2-Preliminary Design	Aug-2020	2	28
V-L235-P1B-Sacramento Mtn	0	2-Preliminary Design	Jan-2020	14	90
V-L235-P1B-Stoddard Wells Rd	1	2-Preliminary Design	Oct-2020	2	24
V-SL32-21-GRC-Alhambra Stn	2	2-Preliminary Design	Sep-2019	10	36
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	21	54
V-SL32-21-GRC-Crosby St	1	2-Preliminary Design	May-2020	19	59
V-SL33-120-P1B <sup>(4)</sup>	1	TBD	May-2020	-	28
L324 Bundle-P1B <sup>(5)</sup>				-	79
V-L324-P1B-Center Road Station	3	1-Initiation & Feasibility	Oct-2019	1	16
V-L324-P1B-Happy Camp	1	1-Initiation & Feasibility	Mar-2020	3	27
V-L324-P1B-Rice Road	1	1-Initiation & Feasibility	Jul-2020	5	76
V-L324-P1B-Sence Ranch	1	1-Initiation & Feasibility	Jul-2020	5	32
V-L324-P1B-Torrey Mountain	0	2-Preliminary Design	Aug-2019	9	79
V-L324-P1B-Windy Gap & Salt Creek	1	2-Preliminary Design	May-2020	7	72
V-L3000-P1B-Bagdad	0	2-Preliminary Design	Jul-2020	8	74
V-L3000-P1B-Black Ridge	0	2-Preliminary Design	Aug-2020	7	65
V-L3000-P1B-Eagle Peak	0	2-Preliminary Design	Jan-2020	25	127
V-L3000-P1B-Kelbaker	0	2-Preliminary Design	Jun-2020	14	48
V-L3000-P1B-Marble Mtn	0	2-Preliminary Design	May-2020	5	64
V-L3000-P1B-Mercury Mtn	0	2-Preliminary Design	Mar-2020	2	49
V-L3000-P1B-Piute	0	2-Preliminary Design	Feb-2020	9	64
V-L3000-P1B-Route 66	0	2-Preliminary Design	Apr-2020	4	59
43-121-P1B	2	2-Preliminary Design	Feb-2020	-	689
407 Sullivan Canyon-P1B	2	3-Detailed Design & Procurement	Sep-2019	64	1,022
V-L4000-P1B-Camp Rock Rd	1	3-Detailed Design & Procurement	Dec-2018	26	224
V-L4000-P1B-Powerline Rd	1	3-Detailed Design & Procurement	Nov-2018	35	228
V-L6906-GRC-Arrow Route Stn <sup>(4)</sup>	0	1-Initiation & Feasibility	May-2020	11	11
V-L6906-GRC-Merrill Ave <sup>(4)</sup>	0	1-Initiation & Feasibility	Jun-2020	9	9
V-L6906-GRC-Mill Rd <sup>(4)</sup>	0	1-Initiation & Feasibility	Jul-2020	11	11
V-L765-P1B-Abbot & Atlantic	1	2-Preliminary Design	Jun-2019	14	72
V-L765-P1B-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	May-2019	0	48
V-L765-P1B-Farragut & Anaheim	1	1-Initiation & Feasibility	Aug-2019	14	66
V-L765-P1B-Linsley & Atlantic	1	2-Preliminary Design	Jun-2019	27	108
V-L85-P1B-Ed Pump	1	1-Initiation & Feasibility	Apr-2019	35	52
V-L85-P1B-Rising Canyon Rd	1	1-Initiation & Feasibility	Aug-2019	15	29
V-L85-P1B-Twisselman Rd	0	1-Initiation & Feasibility	Jul-2019	8	23
V-L800-P1B-Kettleman Nevada	0	2-Preliminary Design	Dec-2019	11	39

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 2018

**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)	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-L800-P1B-Murphy Ranch Rd	0	2-Preliminary Design	Dec-2019	7	21
V-L800-P1B-Lemoore Junction	2	2-Preliminary Design	Feb-2020	7	45
L8109 Bundle-P1B <sup>(5)</sup>				-	2
V-L8109-GRC-Apache Canyon <sup>(4)</sup>	0	TBD	Jul-2020	1	25
V-L8109-GRC-Arundell <sup>(4)</sup>	1	TBD	Jan-2021	2	17
V-L8109-GRC-Casita Springs <sup>(4)</sup>	1	TBD	Nov-2020	1	16
V-L8109-GRC-Cuyama Meter Stn <sup>(4)</sup>	1	TBD	Aug-2020	2	74
V-L8109-GRC-Hall Canyon <sup>(4)</sup>	1	TBD	Oct-2020	5	32
V-L8109-GRC-Live Oaks <sup>(4)</sup>	1	TBD	Sep-2020	5	37
V-L8109-GRC-Sheep Camp <sup>(4)</sup>	1	TBD	Jan-2021	3	19
V-Adelanto-P1B-Stoddard Wells	1	2-Preliminary Design	Mar-2019	18	225
V-Aviation-P1B-190th & Green	3	1-Initiation & Feasibility	Jun-2019	12	238
Blythe Station 2	0	3-Detailed Design & Procurement	May-2019	6	452
V-Blythe-P1B-Chuckawalla <sup>(4)</sup>	0	TBD	Dec-2020	2	12
V-Blythe-P1B-Desert Center Station <sup>(4)</sup>	0	TBD	Nov-2020	3	15
V-Blythe-P1B-Ford Dry Lake <sup>(4)</sup>	0	TBD	Jul-2020	2	13
V-Blythe-P1B-Hayfield Station <sup>(4)</sup>	0	TBD	Aug-2020	1	8
V-Blythe-P1B-Shavers Summit <sup>(4)</sup>	0	TBD	Oct-2020	2	13
V-Brea-P1B-Lincoln	1	3-Detailed Design & Procurement	Jan-2019	38	439
V-Brea-P1B-Placentia	4	2-Preliminary Design	May-2020	55	214
Burbank & Lindley-P1B	3	2-Preliminary Design	Apr-2020	27	199
V-Burbank-P1B-Valleyheart & Noble	3	2-Preliminary Design	Mar-2020	18	98
V-Burbank-P1B-Verdugo & Reese	3	2-Preliminary Design	Apr-2019	44	255
Cabazon-P1B	3	1-Initiation & Feasibility	Jan-2021	-	12
V-Carpinteria-P1B-Conoco	1	2-Preliminary Design	Aug-2019	19	344
Chestnut & Grand-P1B <sup>(4)</sup>	4	TBD	Sep-2019	8	115
Del Amo / Wilmington-P1B	1	2-Preliminary Design	Sep-2019	12	381
V-El Segundo-P1B-Scattergood	4	3-Detailed Design & Procurement	Oct-2019	7	1,365
Glendale Bundle-P1B <sup>(5)</sup>				-	127
V-Glendale-P1B-Adams	3	2-Preliminary Design	Apr-2019	10	144
V-Glendale-P1B-Glenoaks	2	2-Preliminary Design	Jun-2019	4	113
V-Glendale-P1B-Avenue 59	3	1-Initiation & Feasibility	Mar-2019	18	151
V-Goleta-P1B-Santa Rosa Rd Buellton	1	2-Preliminary Design	Apr-2019	12	212
V-Goleta-P1B-Farren Rd	1	2-Preliminary Design	Nov-2019	15	222
V-Goleta-P1B-Gaviota St Park	1	2-Preliminary Design	May-2019	6	478
V-Goleta-P1B-POPCO	1	2-Preliminary Design	Oct-2019	25	160
Haskell Station FM-P1B	1	1-Initiation & Feasibility	Mar-2020	1	16
Pico-P1B	3	2-Preliminary Design	Feb-2020	1	265
V-Santa Barbara-P1B-Cabrillo Bl	1	2-Preliminary Design	Aug-2020	0	48
V-Santa Barbara-P1B-Grove Ln	1	2-Preliminary Design	Apr-2019	8	166
V-SB County-P1B-Park Ln	1	3-Detailed Design & Procurement	Mar-2019	98	692
V-SB County-P1B-Parsons	1	3-Detailed Design & Procurement	Apr-2019	16	520
V-SFV Olympic-GRC-Yarmouth Ave <sup>(4)</sup>	2	TBD	Apr-2020	1	102
V-SFV Olympic-GRC-Chatsworth St <sup>(4)</sup>	1	TBD	May-2020	0	1
V-SFV Olympic-GRC-Killion St <sup>(4)</sup>	1	TBD	Jun-2020	1	2
V-SFV Olympic-GRC-White Oak Ave <sup>(4)</sup>	1	TBD	Jul-2020	1	1
V-SFV Bundle Valencia <sup>(5)</sup>				13	43
V-SFV Valencia-P1B-Encino and San Jose <sup>(4)</sup>	1	TBD	Oct-2020	-	-
V-SFV Valencia-P1B-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	6	103
V-SFV Valencia-P1B-San Fernando Mission	1	1-Initiation & Feasibility	Apr-2020	18	126
V-SFV Valencia-P1B-Eternal Valley <sup>(4)</sup>	2	TBD	Sep-2021	2	65
V-SFV Valencia-P1B-Wilbur	1	1-Initiation & Feasibility	Oct-2020	5	71
V-SFV Valencia-P1B-Woodley and Rinaldi <sup>(4)</sup>	1	1-Initiation & Feasibility	Oct-2020	3	70
Ventura Station Bundle-P1B <sup>(4)</sup>	6	2-Preliminary Design	Jun-2019	11	38
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms	1	2-Preliminary Design	Jun-2019	16	148
<b>Future Filing</b>					
L1014 Brea	6	Closed	Nov-2015 A	-	6,421
L1014 Olympic	6	5-Close-Out	Feb-2016 A	4	6,721
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	-	561
V-L1017-P1B-Dyer	1	3-Detailed Design & Procurement	Jan-2019	16	900
V-L1018-P1B-Alipaz	1	5-Close-Out	May-2018 A	10	1,176
V-L1018-P1B-Avery	1	5-Close-Out	Feb-2018 A	15	1,050
V-L1018-P1B-Burt Bdl	2	5-Close-Out	Jul-2017 A	(19)	2,204
V-L1018-P1B-Camino Capistrano	1	4-Construction	Sep-2018 A	1,514	2,304
V-L1018-P1B-El Toro	1	3-Detailed Design & Procurement	Nov-2018	8	611
V-L1018-P1B-Harvard	3	4-Construction	Jul-2018 A	86	1,649
L 1020	1	Closed	Mar-2015 A	-	1,397
V-29 Palms-P1B-Indian Canyon	1	4-Construction	Oct-2017 A	7	1,099
V-29 Palms-P1B-Mohawk Trail	1	5-Close-Out	Feb-2018 A	17	770
V-29 Palms-P1B-Sunburst St	1	5-Close-Out	May-2018 A	29	1,289
V-29 Palms-P1B-Utah Trail	1	4-Construction	Jan-2018 A	18	1,112
L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,283
V-L225-P1B-Beartrap	1	5-Close-Out	May-2017 A	3	1,139

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 2018

**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)	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-L225-P1B-Quail Canal	1	5-Close-Out	Jun-2017 A	2	1,108
235-335 East	2	Closed	Oct-2016 A	(2)	3,435
L2000 Beaumont 2015	3	Closed	Aug-2015 A	1	2,373
L2000 Beaumont 2016	4	4-Construction	Jun-2017 A	153	4,260
L2000 And L2001 Fault Isolation-GRC-Dillon Rd	0	1-Initiation & Feasibility	Oct-2020	-	-
L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	Jan-2021	-	-
L2000 And L2051 Fault Isolation-GRC-Monroe St	0	1-Initiation & Feasibility	Mar-2021	-	-
2001W Seg 10-11	1	Closed	Jan-2017 A	1	1,386
L2003 East	7	Closed	Sep-2015 A	1	3,913
L2003 West	6	Closed	Oct-2015 A	-	3,441
SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	7	791
404 Ventura	4	Closed	Feb-2016 A	-	3,864
404-406 Valley	8	5-Close-Out	Sep-2015 A	12	9,099
404-406 Ventura 2016 Bundle	2	5-Close-Out	Oct-2016 A	-	856
V-404-406 Vent. 2016 P1B Somis Yard	1	5-Close-Out	May-2018 A	8	1,025
406 Ventura	5	Closed	Nov-2015 A	-	3,249
L4000 MP 45.36	1	Closed	Sep-2016 A	-	1,224
L4000 MP 53.00	3	Closed	May-2015 A	-	1,184
L4000 MP 69.00 MLV-P1B	1	3-Detailed Design & Procurement	Apr-2019	10	924
L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,137
V-L4000-P1B-Desert View Rd	1	4-Construction	Oct-2018 A	71	346
V-L4000-P1B-Devore Stn	2	4-Construction	Sep-2018 A	91	402
L6916-P1B	3	Closed	Nov-2016 A	-	2,434
Valve - L7000 Bundle-P1B	2	Closed	Sep-2016 A	(8)	1,511
V-L7000-P1B-Melcher & Elmo	3	4-Construction	Jun-2018 A	120	2,809
V-L7000-P1B-Beech & HWY 46	1	5-Close-Out	Mar-2018 A	17	2,903
V-L7000-P1B-Rd 68 & Ave 232	1	5-Close-Out	Jan-2018 A	11	1,750
V-L7000-P1B-Rd 96 & Ave 198	1	5-Close-Out	Oct-2017 A	14	1,903
V-L7000-P1B-Visalia Stn	2	5-Close-Out	Jul-2018 A	14	309
V-Adelanto-P1B-MLV4	1	5-Close-Out	Dec-2017 A	3	584
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	Jan-2019	5	218
Apple Valley-P1B	1	5-Close-Out	May-2018 A	18	1,277
V-Apple Valley-P1B-MLV13	0	5-Close-Out	Nov-2017 A	11	305
Alhambra Station	3	Closed	Apr-2015 A	-	3,132
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	4	6,591
V-Aviation-P1B-Aviation and 104th	5	5-Close-Out	Apr-2017 A	54	8,136
Banning 2001	3	Closed	Apr-2016 A	-	1,148
V-Banning-2001-P1B-MLV16A	1	5-Close-Out	Oct-2017 A	22	1,052
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	1	1,088
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	23	1,453
Banning 5000	2	Closed	Oct-2015 A	6	2,145
Banning Airport	2	Closed	Apr-2015 A	-	990
Blythe (Cactus City)-P1B	1	4-Construction	Jul-2018 A	284	1,285
Brea Hacienda Bundle-P1B				(181)	(13)
V-Brea-P1B-Atwood Stn	3	5-Close-Out	Jul-2017 A	63	845
V-Brea-P1B-Azusa Ave	0	4-Construction	Mar-2018 A	(27)	310
V-Brea-P1B-Beach	1	2-Preliminary Design	Dec-2018	54	336
V-Brea-P1B-Brea Canyon	2	5-Close-Out	Oct-2017 A	(23)	1,111
V-Brea-P1B-Carbon Canyon	0	5-Close-Out	Sep-2017 A	-	380
V-Burbank-P1B-Riverside & Agnes	1	4-Construction	Oct-2018 A	36	219
V-Carpinteria-P1B-Oxy-Rincon	1	5-Close-Out	Apr-2018 A	6	1,012
Del Amo Station-P1B	3	5-Close-Out	Jan-2018 A	9	1,098
El Segundo	2	Closed	Apr-2015 A	-	6,619
Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,112
Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,340
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	(147)	1,347
V-Fontana 4002-P1B-Etiwanda & 4th	1	5-Close-Out	Apr-2017 A	4	1,312
V-Glendale-P1B-Monterey	1	5-Close-Out	Feb-2018 A	2	411
Haynes Station	3	Closed	Nov-2016 A	-	1,422
Honor Ranch - L225	4	Closed	May-2016 A	(16)	1,189
Indio 2014	4	Closed	May-2015 A	-	2,461
Indio 2016-P1B	2	5-Close-Out	Aug-2017 A	85	1,166
V-Indio-2016-P1B-MLV10s	3	5-Close-Out	Oct-2017 A	(48)	1,515
V-Indio-2016-P1B-MLV8s	3	5-Close-Out	Jan-2018 A	37	1,581
Lampson	4	5-Close-Out	Apr-2015 A	5	8,266
New Desert	7	Closed	Oct-2014 A	-	9,261
Newhall Station	7	Closed	Jan-2015 A	1	13,624
Orange	3	Closed	Apr-2015 A	(39)	4,679
Palowalla-P1B	3	4-Construction	Feb-2018 A	665	5,403
Questar Taps	6	Closed	Sep-2015 A	-	1,608
Rainbow	10	Closed	May-2016 A	-	4,425
Riverside 2001	5	Closed	Oct-2015 A	-	2,111
Rainbow 2017	2	4-Construction	Jul-2018 A	134	1,135
V-Rainbow CV-P1B <sup>(5)</sup>				5	157
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	14	380
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	5-Close-Out	Aug-2018 A	17	147

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 2018

**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)	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
V-Rainbow CV-P1B-Ramona & Lakeview	2	5-Close-Out	Jul-2018 A	(53)	340
V-Rainbow CV-P1B-Scott & El Centro <sup>(7)</sup>	2	5-Close-Out	Sep-2018 A	127	389
V-Rainbow-P1B-MLV5	3	4-Construction	Oct-2018 A	92	230
Santa Barbara - 1005	1	Closed	Mar-2015 A	-	416
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	79	1,461
Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	886
Spence Station-P1B	2	4-Construction	Dec-2017 A	10	1,113
Taft-P1B <sup>(5)</sup>				-	0
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	1	1,133
V-Taft-P1B-7th Standard	1	5-Close-Out	Sep-2017 A	2	1,204
V-Taft-P1B-Hageman & Runfro	2	3-Detailed Design & Procurement	Nov-2018	64	980
V-Taft-P1B-Sycamore	1	5-Close-Out	Aug-2017 A	6	1,131
V-Victorville COMMS-P1B-MLV11	1	3-Detailed Design & Procurement	Nov-2018	6	243
V-Victorville COMMS-P1B-MLV12	1	5-Close-Out	Nov-2017 A	(123)	413
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	12	197
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	11	501
Western/Del Rey Bundle-P1B <sup>(5)</sup>				-	5
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	5-Close-Out	Nov-2017 A	6	410
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	2-Preliminary Design	Dec-2018	11	94
Yorba Station-P1B <sup>(4)</sup>	0	TBD	Jan-2022	-	14
<b>Total SoCalGas Active Valve Projects</b>				<b>4,734</b>	<b>245,839</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)	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(6)</sup> (in \$1,000)
<b>Future Filing</b>					
1600 Bundle	0	Closed	Dec-2014 A	29	485
1601 Ultrason	0	4-Construction	Apr-2018 A	90	239
3010 Bundle	0	Closed	Dec-2014 A	2	220
3100 and 2010 FM	2	Closed	Oct-2016 A	-	238
3600 Bundle	12	Closed	Mar-2015 A	-	4,399
49-11 & 49-27	1	5-Close-Out	Sep-2016 A	2	1,572
49-16 RCV	4	5-Close-Out	Aug-2017 A	(7)	1,827
49-18 MVH	1	5-Close-Out	Oct-2017 A	9	448
49-23	1	4-Construction	Sep-2018 A	456	906
49-28	1	Closed	Oct-2016 A	12	1,517
49-32-L RCV	1	5-Close-Out	Aug-2016 A	5	1,868
<b>Total SDG&amp;E Active Valve Projects</b>				<b>598</b>	<b>13,720</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 and reg. station modifications. Counts do not include BFP1 (regulator station modification) projects and communications only projects.
- (2) Project Lifecycle Stage represents the five stages of a valve project's lifecycle: Stage 1 Project Initiation & Feasibility, Stage 2 Preliminary Design, Stage 3 Detailed Design & Procurement, Stage 4 Construction, and Stage 5 Close-out.
- (3) The "A" at the end of the date represents that construction has begun.
- (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) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.
- (7) The Rainbow CV-P1B-Scott & El Centro project had a short construction duration, thus the project moved from Stage 3 in the August 2018 report to Stage 5 in the September 2018.

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 2018

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

Valve Project	October 2018 Actuals <sup>(6)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
V-L115-P1B-Walnut	-	142
235-198.20	-	-
L247 Goleta-P1B	-	38
L2002-P1B	-	5
V-L37-18F	-	-
L4002 MP 67.00 MLV	-	361
L4002 MP 72.70-P1B	-	-
L4002 MP 86.44-FM-P1B	-	-
V-L4000-P1B-Cajon Junction	(62)	-
V-L765-P1B-Mission & Workman	-	-
V-L765-P1B-Fairmont & Faircourt	-	-
L85 Templin Highway MP 137.99-P1B	-	90
Blythe COMMs-P1B	-	-
V-Goleta-P1B-More Ranch Rd	-	122
Lampson Check Valves-P1B	-	15
Los Alamitos	-	-
Needles COMMs-P1B	-	19
Quigley Station	-	82
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
<b>Total SoCalGas Valve Projects Remediated or Removed</b>	<b>(62)</b>	<b>874</b>

**Tables 3 - Project Footnotes:**

(1) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix C - SoCalGas/SDG&E Records Review and Interim Safety Measure Costs as of October 2018

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

Cost Type	October 2018 Actuals <sup>(1)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
Leak Survey and Pipeline Patrol	-	684
Records Review	-	14,707
Pressure Protection Equipment	-	196
Other Remediation	-	447
<b>Total SoCalGas Records Review and Interim Safety Measure Costs</b>	-	<b>16,035</b>

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

Cost Type	October 2018 Actuals <sup>(1)</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) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

# SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for October 2018

## Appendix D - SoCalGas/SDG&E PSEP Total Project Cost Summary as of October 2018

**Table 1 - SoCalGas Cost Summary**

Cost Type	October 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Project Costs</b>	<b>12,981</b>	<b>1,032,576</b>
Active Pipeline Projects <sup>A,K</sup>	12,981	1,030,675
Remediated or Removed Pipeline Projects	-	1,900
<b>Total Valve Project Costs</b>	<b>4,673</b>	<b>246,713</b>
Active Valve Projects <sup>A-C, F-K</sup>	4,734	245,839
Remediated or Removed Valve Projects	(62)	874
<b>Total Records Review and Interim Safety Measure Costs<sup>A-E</sup></b>	<b>-</b>	<b>16,035</b>
<b>Total Pipeline and Valve Other Costs</b>	<b>300</b>	<b>21,287</b>
Methane Detectors	3	723
Communications <sup>(1)</sup>	-	(27)
Construction <sup>(1)</sup>	45	1,130
Engineering <sup>(1)</sup>	-	251
Training <sup>(1)</sup>	14	344
Gas Control <sup>(1)</sup>	-	1
Environmental <sup>(1)</sup>	-	2
Supply Management <sup>(1)</sup>	-	2,025
General Administration <sup>(1)</sup>	229	16,477
Program Management Office <sup>(1)</sup>	9	361
<b>GRAND TOTAL SOCALGAS PSEP PROJECT COST</b>	<b>17,954</b>	<b>1,316,610</b>

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

Cost Type	October 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Projects</b>	<b>1,108</b>	<b>326,859</b>
Active Pipeline Projects <sup>A,K</sup>	1,108	326,859
Remediated or Removed Pipeline Projects	-	-
<b>Total Valve Projects</b>	<b>598</b>	<b>13,720</b>
Active Valve Projects <sup>A-C, F-K</sup>	598	13,720
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>(123)</b>	<b>3,049</b>
Methane Detectors	-	104
Communications <sup>(1)</sup>	1	7
Construction <sup>(1)</sup>	-	0
Engineering <sup>(1)</sup>	18	65
Training <sup>(1)</sup>	-	0
Gas Control <sup>(1)</sup>	-	-
Environmental <sup>(1)</sup>	-	30
Supply Management <sup>(1)</sup>	(162)	1,884
General Administration <sup>(1)</sup>	21	961
Program Management Office <sup>(1)</sup>	-	(2)
<b>GRAND TOTAL SDG&amp;E PSEP PROJECT COST</b>	<b>1,584</b>	<b>344,800</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 October 2018 and project-to-date costs from May 2012 to October 2018.

(B) Project costs do not reflect year-to-date actuals. There is some lag time in getting costs posted.

(C) Costs are in nominal direct dollars. Costs recovery will include indirects and applicable loaders.

(D) As of October 2018, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$6,914,865 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 \$39.8 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the September 2018 to October 2018 report because amortization exceeds interest for the current month.

(E) As of October 2018, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$516 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 October 2018, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$54,400,003 which includes balancing account interest and reflects approximately \$79.7 million of amortization revenues to-date. The overall SoCalGas SEEBBA balance has decreased from the September 2018 to October 2018 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 SEEBBA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.

(H) As of October 2018, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$4,534,070 which includes balancing account interest and approximately \$5.4 million of amortization revenues to-date. The overall SDG&E SEEBBA balance has decreased from the September 2018 to October 2018 report because amortization exceeds the recorded costs and interest for the current month.

(I) As of October 2018, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$222,243,169 which includes balancing account interest and reflects approximately \$76.3 million of amortization revenues to-date.

(J) As of October 2018, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$60,135,004 which includes balancing account interest and approximately \$15.6 million of amortization revenues to-date.

(K) As of October 2018, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$8,500,672 which includes balancing account interest.