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December 2, 2019

Mr. Ed Randolph  
Director, Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

Ms. Elizaveta Malashenko  
Director, Safety and Enforcement Division  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

**RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline  
Safety Enhancement Plan Status Report-October 2019**

Dear Mr. Randolph and Ms. Malashenko:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for October 2019 as required per D.12-04-021. Decision 12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission's Energy Division and Safety and Enforcement Division (SED) as our plan is implemented.

Please feel free to contact me should you have any additional questions regarding this report.

Sincerely,

/s/ Diana Alcala

Diana Alcala  
Regulatory Case Manager

Attachment

CC: Belinda Gatti, CPUC Energy Division  
Jean Spencer, CPUC Energy Division  
Sunil Shori, CPUC Safety and Enforcement Division  
Matthewson Epuna, CPUC Safety and Enforcement Division

## October 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 October 2019.

### II. Current Project Status

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

#### **Pipelines (Appendix A):**

- New construction activity began on two pipeline projects (Stage 4)
  - 7043-P1B-01 (Avenal)
  - 36-9-09N-P1B-16 (San Luis Obispo, Santa Margarita)
- 9 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stage 5)

#### **Valves (Appendix B):**

- New construction activity began on three valve projects (Stage 4)
  - V-L115-GRC Pierce (Los Angeles)
  - V-L235-GRC-ORO MTN (San Bernardino)
  - V-Santa Barbara-GRC-Grove LN (Santa Barbara)
- 12 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.

### III. Attachments

- Appendix A – *SoCalGas/SDG&E PSEP - Pipeline Projects List with Costs*
- Appendix B – *SoCalGas/SDG&E PSEP - Valve Projects List with Costs*
- Appendix C – *SoCalGas/SDG&E PSEP - Records Review and Interim Safety Measure Costs*
- Appendix D – *SoCalGas/SDG&E PSEP - Total Project Costs Summary*

### V. Notes

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

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

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

**Table 1 - SoCalGas Active Pipeline Projects**

Pipeline Project	PSEP Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(4)</sup> Actuals (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	-	2,738
1014	0.00	Closed	1959	Oct-2014 A	-	928
1015	0.41	Closed	1954	Aug-2014 A	-	2,672
235 West	0.03	Closed	1957	Jun-2014 A	-	3,975
235W Sawtooth Canyon	0.32	Closed	1957	Oct-2014 A	-	2,050
2000-West Section 1,2,3	14.57	Closed	1945	Jul-2014 A	-	24,836
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	822
2001 West-B Section 10,11,14	2.94	Closed	1950	Aug-2014 A	-	13,027
2003	0.25	Closed	1953	Aug-2014 A	-	9,716
33-120 Section 2	0.28	Closed	1940	Jun-2014 A	-	7,640
35-20-N	0.01	Closed	1963	Aug-2014 A	-	285
36-1032	0.65	Closed	1928	May-2014 A	-	10,879
36-37	0.01	Closed	1970	Apr-2014 A	-	1,201
36-9-09 North Section 2B	2.15	Closed	1953	Jun-2014 A	-	2,573
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015 A	-	2,809
38-539	2.61	Closed	1949	Oct-2014 A	-	16,911
41-30-A	0.02	Closed	1951	Jul-2014 A	-	484
44-654	0.05	Closed	1957	Jun-2014 A	-	2,068
45-120 Section 1	0.55	Closed	1930	Mar-2014 A	-	6,429
45-120X01	0.01	Closed	1930	Sep-2013 A	-	857
406 Section 1,2,2A,4,5	1.17	Closed	1951	Aug-2014 A	-	10,507
407	3.00	Closed	1951	Mar-2014 A	-	6,974
Playa Del Rey Phase 5	0.27	Closed	1955	Mar-2015 A	-	1,971
<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>(5)(7)</sup>					0	9
2000-C-P2	21.63	5-Close-Out	1947	May-2019 A	2,521	12,358
2000-C-CHLA-P2	4.85	2-Preliminary Design	1947	Jan-2020	61	237
2000-D-BADL-P2	7.46	2-Preliminary Design	1947	Sep-2021	70	890
2000-Moreno Replacement	0.04	3-Detailed Design & Procurement	1947	May-2020	32	208
36-1002-P1B-01 <sup>(12)</sup>	16.68	2-Preliminary Design	1928	Aug-2020	43	2,127
36-37-P1B-11A	1.49	5-Close-Out	1927	Jun-2019 A	2,958	13,940
36-37-P1B-11B	4.71	5-Close-Out	1927	Jul-2018 A	(65)	36,032
36-37-P1B-11C	1.53	4-Construction	1927	Jun-2019 A	436	4,922
36-37-P1B-12 <sup>(13)</sup>	30.92	4-Construction	1927	Feb-2019 A	416	12,848
38-514-P1B-03	1.38	4-Construction	1945	Sep-2019 A	2,564	3,787
38-556-P2-01	5.63	5-Close-Out	1956	Aug-2019 A	1,369	8,079
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	8	13,114
43-121-P1B-01	0.27	5-Close-Out	1930	Jul-2019 A	198	4,517
45-1001-P1B-01 & 36-1001-P1B-01	1.45	3-Detailed Design & Procurement	1925	Nov-2019	84	1,440
7043-P1B-01	0.00	5-Close-Out	1928	Oct-2019 A	256	443
<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	-	14,027
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	-	9,462
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015 A	-	5,121
2003 Section 2	0.09	Closed	1957	Jul-2015 A	-	2,626
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	-	833
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	2,493
31-09	0.21	Closed	1969	Jul-2015 A	-	2,958
32-21 Section 1	1.56	Closed	1948	May-2015 A	-	10,387
32-21 Section 2	1.60	Closed	1948	Jun-2016 A	-	5,503
32-21 Section 3	2.39	Closed	1948	Sep-2016 A	-	3,858
33-120 Section 3	0.52	Closed	1940	Jun-2017 A	-	7,472
36-1002	0.03	Closed	1928	Jun-2015 A	-	2,036
36-9-09 North Section 1	5.98	Closed	1920	May-2015 A	-	53,883
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014 A	-	27,256
36-9-09 North Section 4						3,129
36-9-09 North Section 4A	0.58	Closed	1940	May-2017 A	-	4,659
36-9-09 North Section 4B	0.46	Closed	1940	Sep-2014 A	-	7,222
36-9-09 North Section 5A	1.49	Closed	1960	Feb-2016 A	-	14,289
36-9-09 North Section 7A	1.07	Closed	1932	Sep-2016 A	-	11,708
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	26,158
36-9-09 South <sup>(11)</sup>	1.24	Closed	1951	Apr-2016 A	-	2,349
36-9-09-JJ <sup>(11)</sup>	0.46	Closed	1920	Jun-2016 A	-	1,938
37-07	3.22	Closed	1945	Sep-2014 A	-	31,300
37-18	4.06	Closed	1945	Oct-2014 A	-	50,386
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,618

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

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

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

Pipeline Project	PSEP Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(4)</sup> Actuals (in \$1,000)
37-18 Section 5	0.23	Closed	1945	Apr-2017 A	-	8,393
38-KWB-P1B-01 <sup>(11)</sup>	15.23	Closed	1939	Oct-2015 A	-	1,893
38-200	0.37	Closed	1945	Apr-2016 A	-	8,588
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	5,400
38-501 Section 2	2.12	Closed	1952	Aug-2016 A	-	17,033
38-504	0.38	Closed	1952	Sep-2016 A	-	5,756
38-512	4.92	Closed	1929	Mar-2015 A	-	32,431
38-512 Section 3 <sup>(11)</sup>	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>(13)</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	-	16,002
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	-	27,673
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	-	10,994
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,563
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,566
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,685
404 Section 9	0.41	Closed	1944	Jun-2016 A	-	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	(18)	84,848
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	3-Detailed Design & Procurement	1947	May-2020	(115)	238
1030-P2-Hydro <sup>(8)</sup>	25.79	2-Preliminary Design	1955	Feb-2022	4	268
225-P2A-North <sup>(8)(9)(14)</sup>	8.11	2-Preliminary Design	1959	TBD	5	580
235W-P2-01 <sup>(7)</sup>					(708)	144
235 West Sec 1	24.64	2-Preliminary Design	1957	Jan-2021		
235 West Sec 2	20.35	2-Preliminary Design	1957	Jan-2020		
235 West Sec 3	26.88	2-Preliminary Design	1957	Jan-2020		
2000-E <sup>(5)(7)</sup>	8.88	2-Preliminary Design	1947	Mar-2021	(12)	435
2000-P2-02 <sup>(7)</sup>						334
2000 Chino Hills	10.48	3-Detailed Design & Procurement	1947	Sep-2020	(706)	312
2000 Blythe to Cactus City Hydrotest	64.65	2-Preliminary Design	1947	Sep-2020	56	276
2000-E Cactus City Compressor Sta	0.17	2-Preliminary Design	1947	Apr-2020	24	176
2001E-P2-Blythe to 1030 Hydro <sup>(8)</sup>	27.43	2-Preliminary Design	1954	Nov-2021	2	269
2001W-P2-Cactus To 1030 Hydro <sup>(8)</sup>	5.66	2-Preliminary Design	1953	Apr-2022	2	169
2001 West - C, D & E <sup>(7)</sup>					37	1,724
2001WC-P2	8.49	2-Preliminary Design	1953	Feb-2020	(806)	5
2001WC-CHLA-P2	4.86	2-Preliminary Design	1947	Feb-2020	(46)	33
2001W-D-P2	10.09	2-Preliminary Design	1950	Mar-2020	(70)	46
2001W-D-BADL-P2	4.57	2-Preliminary Design	1950	Feb-2021	(35)	25
2001 West - E	8.89	2-Preliminary Design	1953	Jul-2021	4	90
2005-P2-Hydrotest <sup>(8)(15)</sup>	0.28	3-Detailed Design & Procurement	1950	Aug-2020	(95)	138
36-1032-P1B-11	0.49	2-Preliminary Design	1939	Sep-2020	25	1,045
36-1032-P1B-12	5.16	3-Detailed Design & Procurement	1943	Jul-2020	49	3,326
36-1032-P1B-13	3.21	2-Preliminary Design	1928	Feb-2021	51	1,371
36-1032-P1B-14	1.72	3-Detailed Design & Procurement	1928	Jan-2021	55	1,258
36-9-09N-P1B-01 <sup>(7)</sup>					(117)	3
36-9-09N-P1B-12	0.92	5-Close-Out	1920	Jul-2019 A	1,489	8,820
36-9-09N-P1B-14	1.87	4-Construction	1920	Nov-2019	170	2,463
36-9-09N-P1B-15	1.09	3-Detailed Design & Procurement	1920	Nov-2019	189	2,295
36-9-09N-P1B-16	1.74	4-Construction	1920	Oct-2019 A	1,766	4,998
44-1008-P1B-01	54.86	1-Initiation & Feasibility	1937	Jan-2021	38	1,704
407-P2-01	4.26	3-Detailed Design & Procurement	1951	Jun-2020	(292)	445
5000-P2-Blythe Repl <sup>(8)</sup>	0.01	2-Preliminary Design	1953	Mar-2021	13	143
85 Elk Hills to Lake Station <sup>(10)</sup>	13.03	2-Preliminary Design	1931	Oct-2020	190	8,564
<b>Future Filing</b>						
103-P1B-01 <sup>(11)</sup>	9.28	5-Close-Out	1941	May-2019 A	6	1,260
128-P1B-01	0.44	2-Preliminary Design	1945	Sep-2020	2	93
133-P2-01 <sup>(14)</sup>	3.22	1-Initiation & Feasibility	1946	TBD	-	178
1004-P1B-01	2.43	1-Initiation & Feasibility	1944	Jul-2020	138	962
1004-P2-01 <sup>(14)</sup>	1.28	1-Initiation & Feasibility	1944	TBD	-	150
1005-P2 <sup>(14)</sup>	15.24	1-Initiation & Feasibility	1951	TBD	-	305
225	3.10	3-Detailed Design & Procurement	1959	Mar-2020	57	1,871
225-South-P2A <sup>(9)(14)</sup>	10.70	1-Initiation & Feasibility	TBD	TBD	13	26
225-P2-02 <sup>(14)</sup>	0.04	1-Initiation & Feasibility	1965	TBD	-	227
225-P2-03 <sup>(14)</sup>	0.06	1-Initiation & Feasibility	1959	TBD	-	192

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

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

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

Pipeline Project	PSEP Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(4)</sup> Actuals (in \$1,000)
235E-P2-01 Hydro	58.07	3-Detailed Design & Procurement	1960	Jan-2022	25	710
235E-P2-02 Hydro	56.35	3-Detailed Design & Procurement	1960	Mar-2021	23	116
235E-P2-Kelso Repl	0.10	3-Detailed Design & Procurement	1960	Sep-2021	15	108
235E-P2-North Needles Repl	0.03	3-Detailed Design & Procurement	1960	Oct-2020	13	79
235E-P2-Newberry Springs Repl	0.05	3-Detailed Design & Procurement	1960	Oct-2020	31	542
257-P2-01 <sup>(14)</sup>	0.02	1-Initiation & Feasibility	1961	TBD	-	154
2000-D	3.19	Closed	1947	Sep-2017 A	2	10,539
2001 West Santa Ana River Crossing	0.15	2-Preliminary Design	1950	Aug-2020	45	1,456
2001 West - C	16.73	5-Close-Out	1953	Feb-2019 A	23	11,680
2001 West - D	4.52	5-Close-Out	1950	Feb-2019 A	21	6,083
2001W-P2-02 <sup>(14)</sup>	TBD	1-Initiation & Feasibility	TBD	TBD	-	73
2006	0.07	4-Construction	1953	Sep-2019 A	972	2,409
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	(0)	35,950
SL31-08-P1A-01	0.00	1-Initiation & Feasibility	TBD	Aug-2020	15	25
31-09-C	1.01	2-Preliminary Design	1968	May-2020	1	44
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	(8)	12,477
33-121	0.48	Closed	1955	Jan-2018 A	-	4,589
33-750	0.57	1-Initiation & Feasibility	1946	Jul-2021	22	300
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	(0)	6,106
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	(0)	7,746
36-9-09 North Section 5B-01	0.10	1-Initiation & Feasibility	1932	Oct-2020	3	10
36-9-09 North Section 5B-02	0.25	5-Close-Out	1932	Nov-2018 A	7	5,926
36-9-09 North Section 6B	1.55	Closed	1955	Oct-2017 A	(0)	15,856
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,796
37-18-K	1.93	Closed	1949	Mar-2018 A	0	16,668
38-1102-P1B-01 <sup>(14)</sup>	0.00	2-Preliminary Design	1963	TBD	5	695
38-100-P2-01 <sup>(14)</sup>	0.00	1-Initiation & Feasibility	1960	TBD	-	222
38-101-P1B-01	4.53	4-Construction	1921	May-2019 A	77	10,237
38-101-P1B-03 <sup>(12)(14)</sup>	5.21	TBD	TBD	TBD	-	-
38-143-P1B-01 <sup>(14)</sup>	4.42	2-Preliminary Design	1935	TBD	-	755
38-362-P2-01 <sup>(14)</sup>	7.31	1-Initiation & Feasibility	1956	TBD	-	242
38-539-P2-01 <sup>(14)</sup>	12.57	1-Initiation & Feasibility	1947	TBD	-	291
38-952-P2-01 <sup>(14)</sup>	9.22	1-Initiation & Feasibility	1950	TBD	2	261
41-6000-1-P2A <sup>(11)</sup>	7.43	2-Preliminary Design	1948	Feb-2023	18	115
41-6000-2 Abandonment <sup>(13)</sup>	27.46	5-Close-Out	1948	Aug-2018 A	54	9,956
41-6000-2 Tie Over	1.51	5-Close-Out	1949	Oct-2017 A	32	19,436
41-6001-2	0.00	Closed	1967	Oct-2017 A	-	723
4000-P2A	45.91	1-Initiation & Feasibility	1960	Feb-2023	24	151
3000E-P2A	115.06	2-Preliminary Design	1957	Apr-2025	34	146
43-121N-P1A-02	0.16	Closed	1930	Apr-2017 A	-	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	-	4,798
43-121N-P1A-04	0.77	Closed	1930	Aug-2017 A	-	12,822
44-137 Caltrans Removal	0.00	5-Close-Out	1950	May-2019 A	(203)	439
44-707-P2-01 <sup>(14)</sup>	0.00	1-Initiation & Feasibility	1969	TBD	-	172
44-729-P2-01 <sup>(14)</sup>	0.01	1-Initiation & Feasibility	1958	TBD	-	319
45-120 Section 2	3.57	Closed	1930	Sep-2014 A	0	92,029
404 Section 4A	0.78	5-Close-Out	1944	Aug-2018 A	2,044	14,296
404-P2-01 <sup>(14)</sup>	6.07	1-Initiation & Feasibility	1944	TBD	-	182
404-406 Somis Station	0.14	5-Close-Out	1951	Aug-2018 A	41	9,443
406-P2-01 <sup>(14)</sup>	14.35	1-Initiation & Feasibility	1951	TBD	-	654
38-2101-P2A	9.01	1-Initiation & Feasibility	1947	Feb-2023	9	71
6921 Dowden & Kershaw <sup>(16)</sup>	0.01	4-Construction	N/A	Apr-2018 A	13	1,608
85 <sup>(10)(14)</sup>	61.24	2-Preliminary Design	1931	TBD	-	-
Goleta	0.29	4-Construction	1944	May-2019 A	56	3,478
<b>Total SoCalGas Active Pipeline Projects<sup>(15)</sup></b>					<b>15,735</b>	<b>1,314,558</b>

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

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

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

Pipeline Project	PSEP Mileage <sup>(1)</sup>	Project Lifecycle Stage <sup>(2)</sup>	Predominant Vintage	Construction Start Date <sup>(3)</sup> (Month-Year)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(4)</sup> Actuals (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>(11)</sup>	4.05	Closed	1951	Apr-2014 A	-	4,996
49-32	0.09	Closed	1950	Jun-2014 A	-	4,347
<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	Feb-2016 A	-	34,800
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.60	5-Close-Out	1932	Sep-2014 A	9	49,325
<b>Future Filing</b>						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	(10)	29,746
49-16 4th & Palm	0.03	Closed	1958	Jan-2018 A	109	8,228
49-16 Gate Station	1.70	5-Close-Out	1955	Nov-2015 A	75	5,132
49-17 East	5.16	5-Close-Out	1948	Jun-2015 A	(33)	69,849
49-17 West	1.64	5-Close-Out	1948	Oct-2014 A	1	36,535
49-25	1.74	Closed	1960	Aug-2014 A	1	24,719
49-26	3.46	5-Close-Out	1958	Oct-2014 A	4	38,072
49-32-L	0.21	Closed	1965	Aug-2016 A	11	8,181
<b>Line 1600</b>						
1600 South					(4)	6
1600 <sup>(6)</sup>					(56)	13
1600-P1B-Rainbow	3.68	1-Initiation & Feasibility	1949	Apr-2022	41	3,567
1600-P1B-Couser Cyn North	2.57	1-Initiation & Feasibility	1949	Dec-2023	36	931
1600-P1B-MCAS South	0.84	1-Initiation & Feasibility	1949	Aug-2023	12	916
1600-P1B-Rice Cyn	3.28	1-Initiation & Feasibility	1949	Oct-2023	48	1,014
1600-P1B-Couser Cyn South	2.58	1-Initiation & Feasibility	1949	Mar-2024	24	852
1600-P1B-Lilac Rd	5.94	1-Initiation & Feasibility	1949	Aug-2022	131	5,779
1600-P1B-La Honda And Lincoln	1.56	1-Initiation & Feasibility	1949	Jan-2022	55	1,979
1600-P1B-Midway Dr	3.00	3-Detailed Design & Procurement	1949	Jan-2020	667	6,312
1600-P1B-Pomerado Rd North	5.84	1-Initiation & Feasibility	1949	Mar-2021	105	5,884
1600-P1B-Daley Ranch	3.25	1-Initiation & Feasibility	1949	Feb-2023	32	686
1600-P1B-Moosa Creek	0.94	1-Initiation & Feasibility	1949	Jan-2023	22	632
1600-P1B-Bear Valley Pkwy	3.55	2-Preliminary Design	1949	Feb-2021	183	3,995
1600-P1B-Pomerado Rd South	3.05	1-Initiation & Feasibility	1949	Aug-2021	38	3,353
1600-P1B-Scrapps Poway Pkwy	3.52	1-Initiation & Feasibility	1949	Nov-2021	27	2,377
1600-P1B-Black Mtn	4.10	3-Detailed Design & Procurement	1949	Apr-2020	358	7,225
1600-P1B-MCAS North	0.41	1-Initiation & Feasibility	1949	Apr-2023	20	1,169
1600-P1B-MCAS Central	1.30	1-Initiation & Feasibility	1949	Jun-2023	23	1,506
1600-P1B-Kearny Mesa	1.58	2-Preliminary Design	1949	Nov-2020	245	3,212
1600-P1B-Serra Mesa	4.23	3-Detailed Design & Procurement	1949	Jun-2020	321	7,554
<b>Total SDG&amp;E Active Pipeline Projects</b>					<b>2,497</b>	<b>415,639</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
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) Project 2000-C, D & E currently includes cost for Sections C, D & E. Sections C & D are part of PSEP Forecast Application (A.17-03-021) and Section E is part of 2019 General Rate Case proceeding
- (6) D.18-06-028 denies the Pipeline Safety and Reliability Project (PSRP) Application A.15-09-013, but requires a test or replace plan for Line 1600 and inclusion of the status of Line 1600 in this report. See D.18-06-028 at 129 (Ordering Paragraph No. 8). In compliance with D.18-06-028, SDG&E and SoCalGas submitted its Line 1600 Test or Replacement Plan to SED on September 26, 2018. On January 15, 2019, the SED transmitted a Response Letter to SDG&E and SoCalGas approving the proposed plan as submitted.
- (7) This line has been split into individual projects. The line still holds some actual costs which will be transferred to the individual projects in the future.
- (8) This project was filed in the 2019 General Rate Case (GRC) proceeding (A.17-10-008) as a 4th year project (2022).
- (9) All the costs for project 225-South-P2A are captured under project 225-P2A-North. In the future, the cost will be split.
- (10) All the costs for project 85 are captured under project 85 Elk Hills to Lake Station. In the future, the cost will be split. Note: 85 South Newhall is a different project.
- (11) The scope for this project is abandonment only.
- (12) The scope for this project is de-rate only.
- (13) The scope for this project is combination of abandonment and de-rate.
- (14) TBD - Information will be updated in the future.

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

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

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

Pipeline Project	October 2019 <sup>(1)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(1)</sup> Actuals (in \$1,000)
119 North-P2-01	-	21
169	-	-
173-P2-01 <sup>(2)</sup>	-	6
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	(0)
1024	-	-
1025	-	-
1171LT2	-	-
1171LT1BP2	-	(0)
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	-
203-P2A	(11)	0
214-P2A	(12)	0
235 East	-	-
247	-	-
2000-Bridge	-	-
2000-0.18-BO Crossover Piping	-	-
2001 East	-	115
2001E-P2-Blythe Repl	(139)	6
30-02	-	-
30-02-U	-	-
30-09-A	-	-
30-32	-	1
30-6200	-	-
30-6209	-	-
30-6292	-	-
30-6543	-	-
30-6799	-	-
30-6799BR1	-	-
32-90	-	-
33-6263	-	6
35-10	-	(0)
35-20	-	0
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520	-	(0)
36-7-04	-	-
36-1006	-	1
36-6588	-	-
36-8-01	-	-
36-8-01-C	-	-
36-8-06	-	-
36-9-06	-	4
36-9-06-A	-	-
36-9-09 North Section 2A	-	(0)
36-9-21BR1	-	-
37-04	-	-
37-18 J	-	(0)
37-49	-	-
37-6180	-	-
38-116-1-P2-01	-	28
38-351	-	-
38-508	-	-
38-516	-	-
38-523	-	63
38-528	-	24
38-552	-	-
38-931-P1B-01	-	113
38-959	-	-
317	-	-
3000-261.73-BO	-	-

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

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

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

Pipeline Project	October 2019 <sup>(1)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(1)</sup> Actuals (in \$1,000)
3000-261.73-BR	-	-
41-04-I	-	11
41-05	-	6
41-05-A	-	-
41-17-A2	-	5
41-17-F	-	(0)
41-17-FST1	-	-
41-19	-	(0)
41-25	-	-
41-25-A	-	-
41-30	-	50
41-35-1-KST2	-	-
41-55	-	-
41-80	-	46
41-83	-	-
41-84	-	-
41-84-A	-	-
41-90	-	-
41-101	-	-
41-116BP1	-	-
41-117	-	-
41-128	-	-
41-141	-	-
41-181	-	35
41-201	-	0
41-207BR1	-	(0)
41-198	-	-
41-199	-	-
41-6001-1-P2A	(16)	(0)
41-6001-1A-P2A	(12)	0
41-6045	-	55
41-6501	-	-
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	8	1,276
45-163	-	1
408X01	-	-
4000	-	-
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775BO1	-	-
8107	-	-
<b>Total SoCalGas Pipeline Projects Remediated or Removed <sup>(2)</sup></b>	<b>(184)</b>	<b>1,902</b>

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

Pipeline Project	October 2019 <sup>(1)</sup> Actuals (in \$1,000)	Project-to-Date <sup>(1)</sup> Actuals (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	0
49-32 (Test)	-	-
<b>Total SDG&amp;E Pipeline Projects Remediated or Removed</b>	<b>-</b>	<b>0</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 October 2019

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 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)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(4)</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	-	3,910
V-L4000 MP 45.36	1	Closed	Sep-2016 A	-	1,387
V-L4000 MP 53.00	3	Closed	May-2015 A	-	1,371
V-L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,246
V-L6916-P1B	3	Closed	Nov-2016 A	-	2,772
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	4	3,605
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,448
V-Banning 5000	2	Closed	Oct-2015 A	-	2,422
V-El Segundo	2	Closed	Apr-2015 A	-	7,557
V-Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,261
V-Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,615
V-Haynes Station	3	Closed	Nov-2016 A	-	1,763
V-Honor Ranch - L225	4	Closed	May-2016 A	-	1,484
V-Indio 2014	4	Closed	May-2015 A	-	2,860
V-Lampson	4	Closed	Apr-2015 A	-	9,882
V-New Desert	7	Closed	Oct-2014 A	-	10,532
V-Newhall Station	7	Closed	Jan-2015 A	-	16,196
V-Orange	3	Closed	Apr-2015 A	-	5,287
V-Questar Taps	6	Closed	Sep-2015 A	-	1,773
V-Rainbow	10	Closed	May-2016 A	-	5,220
V-Riverside 2001	5	Closed	Oct-2015 A	-	2,484
V-Santa Barbara - 1005	1	Closed	Mar-2015 A	-	516
V-Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	1,040
<b>2019 GRC Application (A.17-10-008)</b>					
V-L115-GRC-Herron	3	2-Preliminary Design	Jun-2020	11	524
V-L115-GRC-Pierce	3	4-Construction	Oct-2019 A	111	1,426
V-L115-GRC-Randall	3	3-Detailed Design & Procurement	Dec-2019	8	18
V-L1004-GRC-Ortega Hill	1	2-Preliminary Design	Sep-2021	13	308
V-L1017-GRC-Bristol	2	3-Detailed Design & Procurement	Jan-2020	19	547
V-L1017-GRC-Dyer	1	4-Construction	Jul-2019 A	384	4,207
V-L225 Honor Ranch-GRC-Castaic	1	2-Preliminary Design	May-2020	12	347
V-L225 Forest Service-GRC-Forest Inn Road	1	2-Preliminary Design	Feb-2020	29	189
V-L225 Forest Service-GRC-Old Ridge Route	1	2-Preliminary Design	Feb-2020	25	163
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Apr-2020	4	170
V-235-335 West-GRC-Agua Dulce Canyon	3	3-Detailed Design & Procurement	Jul-2020	17	394
V-235-335 West-GRC-Shannon Valley	2	2-Preliminary Design	Jun-2020	12	204
V-235-335 West-GRC-Tick Canyon	2	2-Preliminary Design	May-2020	9	150
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Jun-2020	4	141
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Dec-2019	2	197
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Mar-2020	4	199
V-L235-GRC-Hwy 247	1	2-Preliminary Design	Aug-2020	4	122
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	May-2020	4	153
V-L235-GRC-Mtn Springs	1	2-Preliminary Design	Apr-2020	3	164
V-L235-GRC-Oro Mtn	1	4-Construction	Oct-2019 A	9	175
V-L235-GRC-Pisgah Rd	0	5-Close-Out	Aug-2019 A	316	602
V-L235-GRC-Sacramento Mtn	0	3-Detailed Design & Procurement	May-2020	3	198
V-L235-GRC-Stoddard Wells Rd	1	3-Detailed Design & Procurement	Nov-2019	6	189

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 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)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(4)</sup> (in \$1,000)
V-SL32-21-GRC-Alhambra Stn	2	5-Close-Out	Jun-2019 A	46	905
V-SL32-21-GRC-State St	1	2-Preliminary Design	Apr-2020	19	388
V-SL32-21-GRC-Crosby St	1	4-Construction	Sep-2019 A	454	908
V-SL33-120-P1B	1	1-Initiation & Feasibility	Jan-2021	1	53
V-SL43-121-GRC-UCLA NORTH <sup>(7)</sup>	1	2-Preliminary Design	Jul-2020	5	874
V-SL43-121-GRC-UCLA South	1	1-Initiation & Feasibility	Sep-2020	9	11
V-SL38-504-GRC-Green And 4th	0	2-Preliminary Design	Jul-2020	25	192
V-L324-GRC-Center Rd Stn	3	2-Preliminary Design	Dec-2019	24	295
V-L324-GRC-Happy Camp	1	3-Detailed Design & Procurement	Dec-2019	7	341
V-L324-GRC-Rice Rd	1	2-Preliminary Design	Jul-2020	3	177
V-L324-GRC-Sence Ranch	1	5-Close-Out	Jul-2019 A	106	978
V-L324-GRC-Torrey Mtn	1	2-Preliminary Design	Feb-2021	7	243
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design	Mar-2021	7	210
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	2-Preliminary Design	Jan-2021	19	116
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon Rd	0	1-Initiation & Feasibility	May-2021	1	8
V-L2001 And L2051 Fault Isolation-GRC-Monroe St <sup>(7)</sup>	2	2-Preliminary Design	Jan-2021	18	118
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jul-2020	10	211
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2020	11	197
V-L3000-GRC-Eagle Peak	1	5-Close-Out	Aug-2019 A	148	943
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	3	942
V-L3000-GRC-Marble Mtn	1	5-Close-Out	Jul-2019 A	62	883
V-L3000-GRC-Piute	1	5-Close-Out	Jun-2019 A	39	1,036
V-L3000-GRC-Route 66	1	3-Detailed Design & Procurement	Apr-2020	11	201
V-L3001-GRC-Burbank & Lindley	1	1-Initiation & Feasibility	Jul-2021	8	189
V-L4000 MP 69.00 MLV-P1B	1	4-Construction	Jun-2019 A	251	3,749
V-L406-GRC-Burbank Etiwanda	2	2-Preliminary Design	Apr-2020	43	397
V-L407-L1205-GRC-San Vicente	6	3-Detailed Design & Procurement	Nov-2019	64	2,276
V-L6906-GRC-Arrow Route Stn	2	3-Detailed Design & Procurement	Jan-2020	47	241
V-L6906-GRC-Merrill Ave	1	1-Initiation & Feasibility	Mar-2021	1	79
V-L6906-GRC-Mill Rd	1	1-Initiation & Feasibility	Apr-2021	2	73
V-L765-GRC-Abbot & Atlantic	1	2-Preliminary Design	Jan-2021	1	127
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	Oct-2020	1	71
V-L765-GRC-Farragut & Anaheim	1	2-Preliminary Design	Feb-2021	2	302
V-L765-GRC-Linsley & Atlantic	1	2-Preliminary Design	Jun-2020	10	343
V-L85-GRC-Ed Pump	1	4-Construction	Jan-2019 A	7	541
V-L85-GRC-Rising Canyon Rd	1	5-Close-Out	Jul-2019 A	92	841
V-L85-GRC-Twisselman Rd	1	5-Close-Out	Jul-2019 A	43	624
V-L800-GRC-Nevada Ave	1	3-Detailed Design & Procurement	Dec-2019	18	236
V-L800-GRC-Murphy Ranch Rd	1	3-Detailed Design & Procurement	Dec-2019	13	189
V-L800-GRC-Lemoore Junction	2	4-Construction	Sep-2019 A	503	872
V-L8109-GRC-Arundell	1	1-Initiation & Feasibility	Jan-2021	0	25
V-L8109-GRC-Casita Springs	1	1-Initiation & Feasibility	Nov-2020	0	37
V-L8109-GRC-Cuyama Meter Stn	1	1-Initiation & Feasibility	Aug-2020	1	98
V-L8109-GRC-Hall Canyon	1	1-Initiation & Feasibility	Oct-2020	(0)	66
V-L8109-GRC-Live Oaks	1	1-Initiation & Feasibility	Sep-2020	(0)	65
V-L8109-GRC-Sheep Camp	1	1-Initiation & Feasibility	Jan-2021	(0)	31
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	May-2020	5	293
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	3-Detailed Design & Procurement	Jan-2020	20	374
V-Aviation-GRC-190th & Green	3	1-Initiation & Feasibility	Oct-2020	6	364
V-Brea-GRC-Beach	1	5-Close-Out	Mar-2019 A	207	1,411
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	Sep-2020	7	817
V-Blythe-P1B-Chuckawalla	2	1-Initiation & Feasibility	May-2021	5	73
V-Blythe-GRC-Ford Dry Lake	3	1-Initiation & Feasibility	Jun-2021	6	88
V-Blythe-GRC-Hayfield Stn	3	1-Initiation & Feasibility	May-2021	0	35
V-Brea-GRC-Lincoln	1	5-Close-Out	Apr-2019 A	47	1,910
V-Brea-GRC-Placentia	4	2-Preliminary Design	Oct-2020	4	348
V-Burbank & Lindley-P1B				(0)	(0)
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design	Jul-2021	3	298
V-Burbank-GRC-Verdugo & Reese	3	3-Detailed Design & Procurement	Mar-2020	16	640
V-Cabazon-GRC-Millard Pass Rd	1	2-Preliminary Design	Jun-2020	7	64
V-Cabazon-GRC-Elm St	1	2-Preliminary Design	Jul-2020	7	71
V-Carpinteria-GRC-Conoco	1	5-Close-Out	May-2019 A	6	1,426
V-Chestnut And Grand-GRC	4	4-Construction	Sep-2019 A	68	661
V-Del Amo And Wilmington-GRC	1	2-Preliminary Design	Feb-2021	111	789
V-El Segundo-P1B-Scattergood <sup>(6)</sup>				20	2,435
V-L1173-GRC-Raytheon	1	2-Preliminary Design	Oct-2020	18	85
V-L1177-GRC-Northrop	1	2-Preliminary Design	Nov-2020	18	71
V-Glendale Bundle-P1B <sup>(6)</sup>				-	17
V-Glendale-GRC-Adams	3	2-Preliminary Design	Apr-2020	10	470
V-Glendale-GRC-Glenoaks	2	2-Preliminary Design	Feb-2020	30	499
V-Glendale-GRC-Ave 59	3	2-Preliminary Design	Apr-2020	12	473
V-Goleta-GRC-Santa Rosa Rd Buellton	1	3-Detailed Design & Procurement	Jul-2020	7	506
V-Goleta-GRC-Farren Rd	1	3-Detailed Design & Procurement	Apr-2020	10	418
V-Goleta-GRC-Gaviota St Park	1	5-Close-Out	May-2019 A	13	2,030
V-Goleta-GRC-Popco	1	3-Detailed Design & Procurement	Apr-2020	8	464
V-Haskell Station FM-P1B	1	2-Preliminary Design	Mar-2020	8	120

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 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)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(4)</sup> (in \$1,000)
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design	Feb-2021	4	377
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design	Sep-2021	-	-
V-Santa Barbara-GRC-Grove Ln	1	4-Construction	Oct-2019 A	96	670
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2020	14	1,028
V-SB County-GRC-Parsons	1	3-Detailed Design & Procurement	Nov-2019	25	945
V-SFV Olympic-GRC-Yarmouth Ave	3	2-Preliminary Design	Jan-2021	11	213
V-SFV Olympic-GRC-Killion St	3	2-Preliminary Design	May-2021	16	91
V-SFV Olympic-GRC-White Oak Ave	1	1-Initiation & Feasibility	Feb-2021	1	12
V-SFV Bundle Valencia <sup>(6)</sup>				11	155
V-SFV Valencia-GRC-Chatsworth and Lindley	1	2-Preliminary Design	May-2020	-	-
V-SFV Valencia-GRC-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	10	240
V-SFV Valencia-GRC-San Fernando Mission	1	2-Preliminary Design	Apr-2020	12	261
V-SFV Valencia-GRC-Eternal Valley	2	2-Preliminary Design	Jun-2020	27	258
V-SFV Valencia-GRC-Wilbur	1	2-Preliminary Design	May-2020	19	211
V-SFV Valencia-GRC-Woodley and Rinaldi	1	2-Preliminary Design	Oct-2020	11	182
V-Ventura Station-GRC	4	4-Construction	Sep-2019 A	383	1,005
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	Mar-2020	33	753
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Feb-2020	24	354
<b>Future Filing</b>					
V-L1014 Olympic	6	Closed	Feb-2016 A	8	8,398
V-L1018-P1B-Alipaz	1	Closed	May-2018 A	1	1,867
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	32	1,257
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	3	2,855
V-L1018-P1B-Camino Capistrano	1	5-Close-Out	Sep-2018 A	16	4,400
V-L1018-P1B-El Toro	1	5-Close-Out	Dec-2018 A	22	2,284
V-L1018-P1B-Harvard	3	5-Close-Out	Jul-2018 A	45	3,265
V-29 Palms-P1B-Indian Canyon	1	Closed	Oct-2017 A	77	1,475
V-29 Palms-P1B-Mohawk Trail	1	Closed	Feb-2018 A	0	980
V-29 Palms-P1B-Sunburst St	1	Closed	May-2018 A	0	1,440
V-29 Palms-P1B-Utah Trail	1	Closed	Jan-2018 A	0	1,276
V-SL 31-09-GRC-VALLEY AND FAURE <sup>(5)</sup>	1	1-Initiation & Feasibility	Dec-2020	3	4
V-SL 31-09-GRC-BARRANCA AND FRONT <sup>(6)</sup>	1	1-Initiation & Feasibility	Nov-2020	2	4
V-L225-P1B-Beartrap	1	Closed	May-2017 A	-	1,262
V-L225-P1B-Quail Canal	1	Closed	Jun-2017 A	-	1,260
V-L2000 Beaumont 2016	4	Closed	Jun-2017 A	5	5,915
V-SL45-120 Section 2-P1B	1	Closed	Apr-2018 A	0	1,132
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	6	11,308
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	1	1,294
V-L4000-P1B-Camp Rock Rd	1	Closed	Dec-2018 A	5	1,298
V-L4000-P1B-Powerline Rd	1	5-Close-Out	Nov-2018 A	75	1,398
V-L4000-P1B-Desert View Rd	1	Closed	Oct-2018 A	5	1,948
V-L4000-P1B-Devore Stn	3	Closed	Sep-2018 A	12	1,539
V-L7000-P1B-Melcher & Elmo	3	5-Close-Out	Jun-2018 A	6	3,816
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	2	3,560
V-L7000-P1B-Rd 68 & Ave 232	1	Closed	Jan-2018 A	-	2,000
V-L7000-P1B-Rd 96 & Ave 198	1	Closed	Oct-2017 A	-	2,225
V-L7000-P1B-Visalia Stn	2	5-Close-Out	Jul-2018 A	18	550
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	735
V-Apple Valley-P1B	1	5-Close-Out	May-2018 A	4	1,358
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	18	416
V-Aviation-P1B-Aviation and 104th	5	Closed	Apr-2017 A	(0)	9,645
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	Closed	Oct-2017 A	99	1,432
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	-	1,288
V-Banning-2001-P1B-MLV17A	1	Closed	Apr-2018 A	1	1,924
V-Banning Airport	2	Closed	Apr-2015 A	-	1,753
V-Blythe (Cactus City)-P1B	1	5-Close-Out	Jul-2018 A	2	1,769
V-Brea Hacienda Bundle-P1B <sup>(6)</sup>				-	-
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	1	1,086
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	(0)	454
V-Brea-P1B-Brea Canyon	3	5-Close-Out	Oct-2017 A	2	1,359
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	0	489
V-Burbank-P1B-Riverside & Agnes	1	5-Close-Out	Oct-2018 A	96	752
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	(6)	1,239
V-Del Amo Station-P1B	3	Closed	Jan-2018 A	4	1,533
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	Closed	Sep-2017 A	3	1,562
V-Fontana 4002-P1B-Etiwanda & 4th	1	Closed	Apr-2017 A	(6)	1,266
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	-	539
V-Indio 2016-P1B	2	Closed	Aug-2017 A	-	1,392
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	-	1,998
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	(1)	2,148
V-Palowalla-P1B	3	5-Close-Out	Feb-2018 A	(657)	2,133
V-Rainbow 2017	2	Closed	Jul-2018 A	8	1,907
V-Rainbow CV-P1B <sup>(6)</sup>				(1)	-
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	0	526
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	1	1
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	3	466
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	2	513
V-Rainbow-P1B-MLV5	3	5-Close-Out	Oct-2018 A	1	1,848

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of October 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)	October 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(4)</sup> (in \$1,000)
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	53	2,477
V-Spence Station-P1B	2	5-Close-Out	Dec-2017 A	3	1,624
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	122	1,420
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,318
V-Taft-P1B-Hageman & Runfro	2	5-Close-Out	Nov-2018 A	28	7,471
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	(1)	407
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	(92)	529
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	8	507
V-Wilmington-P1B Eubank Stn	2	5-Close-Out	Mar-2018 A	81	786
V-Western/Del Rey Bundle-P1B <sup>(6)</sup>				0	10
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
<b>Total SoCalGas Active Valve Projects</b>				<b>4,652</b>	<b>345,630</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 2019 <sup>(4)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(4)</sup> (in \$1,000)
<b>2018 Reasonableness Review Application (A.18-11-010)</b>					
V-1600 Bundle	16	Closed	Dec-2014 A	-	444
V-3010 Bundle	9	Closed	Dec-2014 A	-	282
V-3100 and 2010 FM	2	Closed	Oct-2016 A	-	279
V-3600 Bundle	12	Closed	Mar-2015 A	-	5,320
V-49-28	1	Closed	Oct-2016 A	-	1,772
<b>Future Filing</b>					
V-1601 Ultrason	1	5-Close-Out	Apr-2018 A	21	799
V-49-11 & 49-27	1	Closed	Sep-2016 A	6	1,878
V-49-16 RCV	4	5-Close-Out	Aug-2017 A	20	2,275
V-49-18 MVH	1	5-Close-Out	Oct-2017 A	8	828
V-49-23	1	5-Close-Out	Sep-2018 A	47	2,573
V-49-32-L RCV	1	5-Close-Out	Aug-2016 A	3	2,462
<b>Total SDG&amp;E Active Valve Projects</b>				<b>105</b>	<b>18,913</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 completed.

(4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.

(5) New valve project currently being initiated. TBD represent that the Project scope, stage, and/or construction start date information will be available at a later date.

(6) This valve has been broken up into separate projects for cost and schedule progress reporting purposes. Part of the project requires separate planning and execution due to location, permitting, and/or constructability.

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

Valve Project	October 2019 <sup>(1)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
V-L115-P1B-Walnut	-	154
V-235-198.20	-	(0)
V-L247 Goleta-P1B	-	59
V-L2002-P1B	-	7
V-L37-18F	-	-
V-SL38-504-GRC-Hanford Armona And Front	-	-
V-L3000-GRC-Mercury Mtn	0	-
V-L4002 MP 67.00 MLV	-	395
V-L4002 MP 72.70-P1B	-	-
V-L4000-P1B-Cajon Junction	-	0
V-L4002 MP 86.44-FM-P1B	-	(0)
V-L765-P1B-Fairmont & Faircourt	-	-
V-L765-P1B-Mission & Workman	-	-
V-L85 Templin Highway MP 137.99-P1B	-	107
V-L8109-GRC-Apache Canyon	(33)	(0)
V-Blythe COMMS-P1B	-	-
V-Blythe-GRC-Shaver Summit	0	-
V-Blythe-P1B-Desert Center Station	(0)	25
V-CABAZON-GRC-DEEP CREEK RD	-	-
V-Goleta-P1B-More Ranch Rd	-	130
V-Lampson Check Valves-P1B	-	20
V-Los Alamitos	-	250
V-Needles COMMS-P1B	1	-
V-SFV Olympic-GRC-Chatsworth St	-	1
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
V-Yorba Station-P1B	(17)	(0)
<b>Total SoCalGas Valve Projects Remediated or Removed</b>	<b>(50)</b>	<b>1,255</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 October 2019

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

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

Cost Type	October 2019 <sup>(1)</sup> Actuals (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	October 2019 <sup>(1)</sup> Actuals (in \$1,000)	Project-to-Date Actuals <sup>(1)</sup> (in \$1,000)
Leak Survey and Pipeline Patrol	-	107
Records Review	-	1,307
Pressure Protection Equipment	-	5
Other Remediation	-	2
<b>Total SDG&amp;E Records Review and Interim Safety Measure Costs</b>	-	<b>1,422</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 October 2019

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

**Table 1 - SoCalGas Cost Summary**

Cost Type	October 2019 Actuals <sup>(c)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(c)</sup> (in \$1,000)
<b>Total Pipeline Project Costs</b>	<b>15,466</b>	<b>1,316,460</b>
Active Pipeline Projects <sup>A-K</sup>	15,650	1,314,558
Remediated or Removed Pipeline Projects	(184)	1,902
<b>Total Valve Project Costs</b>	<b>4,602</b>	<b>346,885</b>
Active Valve Projects <sup>A-C, F-K</sup>	4,652	345,630
Remediated or Removed Valve Projects	(50)	1,255
<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>(3,319)</b>	<b>24,813</b>
Methane Detectors	-	375
Communications <sup>(1)</sup>	-	41
Construction <sup>(1)</sup>	-	1,562
Engineering <sup>(1)</sup>	0	586
Training <sup>(1)</sup>	23	1,034
Gas Control <sup>(1)</sup>	-	11
Environmental <sup>(1)</sup>	-	19
Supply Management <sup>(1)</sup>	-	1,934
General Administration <sup>(1)</sup>	29	17,764
Program Management Office <sup>(1)</sup>	(3,372)	1,487
<b>GRAND TOTAL SOCALGAS PSEP PROJECT COST</b>	<b>16,749</b>	<b>1,706,594</b>

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

Cost Type	October 2019 Actuals <sup>(c)</sup> (in \$1,000)	Project-to-Date Actuals <sup>(c)</sup> (in \$1,000)
<b>Total Pipeline Projects</b>	<b>2,497</b>	<b>415,639</b>
Active Pipeline Projects <sup>A-K</sup>	2,497	415,639
Remediated or Removed Pipeline Projects	-	-
<b>Total Valve Projects</b>	<b>105</b>	<b>18,913</b>
Active Valve Projects <sup>A-C, F-K</sup>	105	18,913
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>1,422</b>
<b>Other Costs</b>	<b>168</b>	<b>4,340</b>
Methane Detectors	-	117
Communications <sup>(1)</sup>	-	8
Construction <sup>(1)</sup>	0	18
Engineering <sup>(1)</sup>	0	32
Training <sup>(1)</sup>	-	(0)
Gas Control <sup>(1)</sup>	0	1
Environmental <sup>(1)</sup>	0	19
Supply Management <sup>(1)</sup>	217	3,115
General Administration <sup>(1)</sup>	(49)	1,043
Program Management Office <sup>(1)</sup>	(1)	(13)
<b>GRAND TOTAL SDG&amp;E PSEP PROJECT COST</b>	<b>2,769</b>	<b>440,314</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 2019 and project-to-date costs from May 2012 to October 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 October 2019, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$2,321,351 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 \$44.5 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' PSRMA has decreased from the August 2019 to October 2019 report because amortization exceeds interest for the current month.

(E) As of October 2019, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$528 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 2019, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$40,143,593 which includes balancing account interest and reflects approximately \$110.6 million of amortization revenues to-date. The overall regulatory account balance in SoCalGas' SEEBAA has decreased from the August 2019 to October 2019 report because amortization exceeds O&M cost for the current month.

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

(H) As of October 2019, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$7,637,815 which includes balancing account interest and approximately \$7.2 million of amortization revenues to-date.

(I) As of October 2019, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$255,603,421 which includes balancing account interest and reflects approximately \$187.9 million of amortization revenues to-date.

(J) As of October 2019, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$73,689,076 which includes balancing account interest and approximately \$40.4 million of amortization revenues to-date.

(K) As of October 2019, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$6,743,635 which includes balancing account interest.