



## August 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 August 2018.

### II. Current Project Status

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

#### Pipelines (Appendix A):

- New construction activity began on three pipeline projects (Stage 4)
  - 41-6000-2 Abandonment (El Centro)
  - 404 Section 4A (Ventura, Somis)
  - 404-406 Somis Station (Somis)
- 5 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stages 5)

#### Valves (Appendix B):

- New construction activity began on one valve project (Stage 4)
  - V-Rainbow CV-P1B-Rainbow Valley & Pechanga (Temecula)
- 22 valve projects are in construction (Stage 4)
- 38 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 Appendix A, B, C, and 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, mimeo., at 7 and 12 (Ordering Paragraph No. 4).

## V. Notes

- Appendix A, SoCalGas Active Pipeline Projects Table 1, Footnote 21:  
The difference of approximately \$4K from the July 2018 to August 2018 project-to-date costs is due to rounding.
- Appendix A, SDG&E Active Pipeline Projects Table 2, Footnote 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.
- Appendix A, SDG&E Active Pipeline Projects Table 2, Footnote 22:  
Project Lifecycle for Line 1600 has been revised to Stage 2 to accurately reflect the status of the project.
- Appendix B, SoCalGas Active Valve Projects Table 1, Footnote 6:  
The following valve bundles were split this month:
  - “V-SL32-21-P1B” was split into two individual projects.
    - V-SL32-21-GRC-State St
    - V-SL32-21-GRC-Crosby St
  - “L8109 Bundle-P1B” was split into seven individual projects.
    - V-L8109-GRC-Apache Canyon
    - V-L8109-GRC-Arundell
    - V-L8109-GRC-Casita Springs
    - V-L8109-GRC-Cuyama Meter Stn
    - V-L8109-GRC-Hall Canyon
    - V-L8109-GRC-Live Oaks
    - V-L8109-GRC-Sheep Camp
  - “V-SFV Bundle Olympic” was split into four individual projects.
    - V-SFV Olympic-GRC-Chatsworth St
    - V-SFV Olympic-GRC-Killion St
    - V-SFV Olympic-GRC-White Oak Ave
    - V-SFV Olympic-GRC-Yarmouth Ave
- Appendix B, SoCalGas Active Valve Projects Table 1, Footnote 7:  
The difference of approximately \$5K from the July 2018 to August 2018 project-to-date costs is due to rounding.
- Appendix D, SoCalGas Active Pipeline Projects Table 1, Footnote E:  
The overall regulatory account balance in SoCalGas’ PSRMA has decreased from the July 2018 to August 2018 report because amortization exceeds interest for the current month.
- Appendix D, SoCalGas Active Pipeline Projects Table 1, Footnote G:  
The overall SoCalGas SEEBA balance has decreased from the July 2018 to August 2018 report because amortization exceeds the recorded costs and interest for the current month.

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

## Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>PSRMA Application (A.14-12-016)</b>						
2000-A	15.417	Closed	1947	Jun-2013 A	-	22,427
42-66-1&2 <sup>(17)</sup>	0.034	Closed	1947	Oct-2013 A	-	681
Playa Del Rey Phase 1&2	0.129	Closed	1955	Aug-2013 A	-	648
<b>2016 Reasonableness Review Application (A.16-09-005)</b>						
1005	0.028	Closed	1951	Sep-2014 A	-	5,820
1011	0.077	Closed	1947	Jul-2014 A	-	2,418
1013	0.027	Closed	1956	Jul-2014 A	-	2,423
1014	0.003	Closed	1959	Oct-2014 A	-	825
1015	0.432	Closed	1954	Aug-2014 A	-	2,470
235 West	0.007	Closed	1957	Jun-2014 A	-	3,406
235W Sawtooth Canyon	0.329	Closed	1957	Oct-2014 A	-	1,884
2000-West Section 1,2,3	14.593	Closed	1945	Jul-2014 A	-	23,364
2001 West - A	0.006	Closed	1950	Apr-2014 A	-	745
2001 West-B Section 10,11,14	2.974	Closed	1950	Aug-2014 A	-	11,884
2003	0.249	Closed	1953	Aug-2014 A	2	8,804
33-120 Section 2	0.293	Closed	1940	Jun-2014 A	-	7,052
35-20-N	0.013	Closed	1963	Aug-2014 A	-	231
36-1032 (REPL)	0.686	Closed	1928	May-2014 A	-	9,895
36-37	0.012	Closed	1970	May-2014 A	-	1,042
36-9-09 North Section 2B	2.155	Closed	1953	Jun-2014 A	-	2,416
36-9-09 North Section 6A	0.921	Closed	1954	Mar-2015 A	-	2,697
38-539	2.616	Closed	1949	Oct-2014 A	-	15,469
41-30-A	0.020	Closed	1951	Jul-2014 A	-	432
44-654	0.032	Closed	1957	Jun-2014 A	-	1,825
45-120 Section 1	0.553	Closed	1930	Mar-2014 A	-	5,828
45-120X01	0.011	Closed	1930	Sep-2013 A	-	750
406 Section 1,2,2A,4,5	1.200	Closed	1951	Aug-2014 A	-	9,685
407	2.997	Closed	1951	Mar-2014 A	-	6,388
Storage - Playa Del Rey Phase 5	0.118	Closed	1955	Mar-2015 A	-	1,665
<b>2017 Forecast Application (A.17-03-021)</b>						
127-P1B-01	0.003	2-Preliminary Design	1944	Mar-2020	-	234
2000-C, D & E <sup>(4)</sup>					44	2,407
2000-C	23.007	2-Preliminary Design	1947	Aug-2020		
2000-D	14.039	2-Preliminary Design	1947	Jan-2020		
36-1001-P1B-01	0.125	2-Preliminary Design	1925	Sep-2019	-	141
36-1002-P1B-01 <sup>(11)</sup>	16.683	2-Preliminary Design	1928	Jul-2019	-	1,503
36-37-P1B-01 <sup>(6)</sup>					(50)	-
SL36-37-P1B-11A	1.440	3-Detailed Design & Procurement	1927	Jun-2019	287	290
SL36-37-P1B-11B	4.399	4-Construction	1927	Jul-2018 A	2,526	6,118
SL36-37-P1B-11C	1.450	2-Preliminary Design	1927	Jun-2019	191	194
SL36-37-P1B-12 <sup>(12)</sup>	30.916	3-Detailed Design & Procurement	1927	Feb-2019	21	1,983
38-514-P1B-01	1.382	2-Preliminary Design	1945	Jul-2020	-	440
38-556	5.572	2-Preliminary Design	1956	Apr-2019	8	775
38-960-P1B-01	6.123	4-Construction	1928	Jul-2018 A	2,729	6,131
43-121-P1B-01	0.258	2-Preliminary Design	1930	Sep-2019	-	499
45-1001-P1B-01	1.104	2-Preliminary Design	1925	Sep-2019	-	456
7043-P1B-01	0.001	2-Preliminary Design	1928	Mar-2020	-	124
<b>2019 GRC Application (A.17-10-008)</b>						
1011-P2-01	1.772	2-Preliminary Design	1947	Jul-2021	-	144
1030-P2-01 <sup>(7)</sup>	25.787	2-Preliminary Design	1955	Apr-2022	-	196
225 North <sup>(7)(8)</sup>	8.115	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 <sup>(6)</sup>					6	777
235 West Sec 1	24.676	2-Preliminary Design	1957	Jan-2021		
235 West Sec 2	20.348	2-Preliminary Design	1957	Mar-2020		
235 West Sec 3	26.884	2-Preliminary Design	1957	Nov-2019		
2000-E <sup>(4)</sup>	8.884	2-Preliminary Design	1947	Sep-2020		
2000-P2-02 <sup>(6)</sup>					-	391
2000 Chino Hills	9.998	2-Preliminary Design	1947	Jan-2021		
2000 Blythe to Cactus City Hydrotest	64.650	2-Preliminary Design	1947	Aug-2020		
2000-E Cactus City Compressor Sta	0.167	2-Preliminary Design	1947	Aug-2020		
2001E-P2-01 <sup>(7)</sup>	0.073	2-Preliminary Design	1953	Mar-2022	-	88
2001E-P2-02 <sup>(7)</sup>	27.433	2-Preliminary Design	1954	Mar-2022	-	193
2001W-P2-01 <sup>(7)</sup>	5.658	2-Preliminary Design	1953	Jan-2022	-	113
2001 West - E <sup>(6)</sup>					-	2,063
2001 West - C	13.851	2-Preliminary Design	1953	Jan-2021		
2001 West - D	17.838	2-Preliminary Design	1950	Jun-2021		
2001 West - E	8.891	2-Preliminary Design	1953	Oct-2021		
2005-P2-01 <sup>(7)</sup>	0.280	2-Preliminary Design	1950	Jul-2022	-	101
36-1032-P1B-01 <sup>(6)</sup>					-	292
PSEP-SL36-1032-P1B-11	0.494	2-Preliminary Design	1939	Apr-2020	-	507
PSEP-SL36-1032-P1B-12	5.159	2-Preliminary Design	1943	Sep-2020	-	574
PSEP-SL36-1032-P1B-13	3.210	2-Preliminary Design	1928	Feb-2021	-	621
PSEP-SL36-1032-P1B-14	1.730	2-Preliminary Design	1928	Jul-2021	-	564

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

## Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
36-9-09N-P1B-01 <sup>(6)</sup>					-	43
PSEP-SL36-9-09N-P1B-12	0.875	2-Preliminary Design	1920	Aug-2019	8	808
PSEP-SL36-9-09N-P1B-14	1.915	2-Preliminary Design	1920	Oct-2019	-	805
PSEP-SL36-9-09N-P1B-15	1.531	2-Preliminary Design	1920	Jan-2020	-	750
PSEP-SL36-9-09N-P1B-16	2.017	2-Preliminary Design	1920	May-2020	6	1,603
44-1008-P1B-01 <sup>(6)</sup>					-	321
44-1008 (50%)	27.430	1-Initiation & Feasibility	1937	Jan-2021		
44-1008 (50%) <sup>(7)</sup>	27.430	1-Initiation & Feasibility	1937	Jan-2022		
407-P2-01	3.972	2-Preliminary Design	1951	May-2020	-	221
5000-P2-01 <sup>(7)</sup>	0.015	2-Preliminary Design	1953	Sep-2022	-	84
85 Elk Hills to Lake Station <sup>(9)</sup>	13.030	2-Preliminary Design	1931	Oct-2020	37	4,480
<b>Future Filing</b>						
103-P1B-01 <sup>(11)</sup>	9.284	1-Initiation & Feasibility	1941	Feb-2019	9	169
128-P1B-01	0.436	2-Preliminary Design	1945	Sep-2019	2	53
133-P2-01 <sup>(19)</sup>	3.218	1-Initiation & Feasibility	1946	TBD	-	161
173-P2-01 <sup>(19)</sup>	0.003	1-Initiation & Feasibility	1952	TBD	-	5
1004 <sup>(18)</sup>	8.603	Closed	1944	May-2015 A	-	13,047
1004-P1B-01 <sup>(19)</sup>	2.430	2-Preliminary Design	1944	TBD	-	580
1004-P2-01 <sup>(19)</sup>	1.278	1-Initiation & Feasibility	1944	TBD	-	144
1005-P2 <sup>(19)</sup>	12.531	1-Initiation & Feasibility	1951	TBD	-	291
225	3.097	3-Detailed Design & Procurement	1959	Mar-2019	-	1,374
225-P2-01 <sup>(8)(19)</sup>	10.701	1-Initiation & Feasibility	1959	TBD	-	514
225-P2-02 <sup>(19)</sup>	0.038	1-Initiation & Feasibility	1965	TBD	-	199
225-P2-03 <sup>(19)</sup>	0.064	1-Initiation & Feasibility	1959	TBD	-	168
235E-P2-01 <sup>(19)</sup>	114.023	1-Initiation & Feasibility	1960	TBD	14	59
257-P2-01 <sup>(19)</sup>	0.020	TBD	1961	TBD	-	134
2000-C	7.585	Closed	1947	Jan-2017 A	(12)	12,885
2000-D	3.185	5-Close-Out	1947	Sep-2017 A	45	8,639
2000-D Section 7&9 <sup>(19)</sup>	3.277	TBD	1947	TBD	-	-
2000-P2-01	0.570	1-Initiation & Feasibility	TBD	Sep-2020	-	34
2000-West Santa Fe Springs Sta.	0.150	Closed	1947	Oct-2016 A	6	8,382
2001 West Santa Ana River Crossing	0.153	2-Preliminary Design	1950	Jul-2019	82	697
2001 West-B Section 17,18,19	1.800	Closed	1949	Aug-2015 A	4	4,737
2001 West - C	11.408	3-Detailed Design & Procurement	1953	Apr-2019	11	1,770
2001 West - D	1.600	3-Detailed Design & Procurement	1950	Apr-2019	4	1,507
2001W-P2-02 <sup>(19)</sup>	TBD	TBD	TBD	TBD	-	60
2003 Section 2	0.094	Closed	1951	Jul-2015 A	3	2,438
2006 <sup>(19)</sup>	0.058	2-Preliminary Design	TBD	May-2019	24	75
30-18 Section 1	2.000	Closed	1943	Jul-2014 A	2	585
30-18 Section 2	0.647	5-Close-Out	1943	Jan-2018 A	149	31,660
30-18 Section 3	0.008	Closed	1943	Oct-2016 A	-	1,806
31-09	0.201	Closed	1957	Jul-2015 A	-	2,826
31-09-C <sup>(19)</sup>	TBD	TBD	TBD	TBD	-	4
32-21 Section 1	1.561	Closed	1948	May-2015 A	-	9,426
32-21 Section 2	1.595	Closed	1948	Jun-2016 A	-	5,140
32-21 Section 3	2.391	Closed	1948	Sep-2016 A	-	3,566
33-120 Section 1	0.231	5-Close-Out	1930	Sep-2017 A	(75)	10,838
33-120 Section 3	0.516	Closed	1940	Jun-2017 A	-	6,564
33-121 (REPL)	0.465	5-Close-Out	1955	Jan-2018 A	72	4,083
33-750 <sup>(19)</sup>	0.571	1-Initiation & Feasibility	TBD	Aug-2020	7	18
36-1002	0.034	Closed	1928	May-2015 A	-	1,847
36-1032 Section 4	0.321	5-Close-Out	1953	Jul-2017 A	1	5,396
36-9-09 North Section 1	5.975	Closed	1920	May-2015 A	-	46,900
36-9-09 North Section 3	2.956	Closed	1927	Dec-2014 A	-	25,480
36-9-09 North Section 4 <sup>(6)</sup>					-	3,036
36-9-09 North Section 4A	0.579	Closed	1940	May-2017 A	-	4,251
36-9-09 North Section 4B	0.455	Closed	1940	Sep-2014 A	-	5,657
36-9-09 North Section 5A	1.486	Closed	1959	Feb-2016 A	1	12,647
36-9-09 North Section 5C	0.617	Closed	1932	Dec-2016 A	1	7,054
36-9-09 North Section 5B-01	0.150	3-Detailed Design & Procurement	1932	Jun-2022	-	-
36-9-09 North Section 5B-02	0.295	3-Detailed Design & Procurement	1932	Oct-2018	69	217
36-9-09 North Section 6B	1.554	5-Close-Out	1955	Oct-2017 A	462	13,567
36-9-09 North Section 7A	1.345	Closed	1932	Sep-2016 A	10	10,767
36-9-09 North Section 7B	3.186	Closed	1932	May-2015 A	-	24,258
36-9-09 South <sup>(10)</sup>	1.240	Closed	1951	Apr-2016 A	-	2,146
36-9-09-JJ <sup>(10)</sup>	0.462	Closed	1920	Jun-2016 A	-	1,723
36-9-21	0.463	5-Close-Out	1950	Aug-2017 A	5	5,925
37-07	3.222	Closed	1945	Sep-2014 A	-	27,423
37-18	4.062	Closed	1945	Oct-2014 A	17	42,094
37-18-F	2.065	Closed	1946	Aug-2016 A	2	6,995
37-18-K	1.914	5-Close-Out	1949	Mar-2018 A	126	13,808
37-18 Section 5	0.230	Closed	1940	Apr-2017 A	9	7,578
38-KWB-P1B-01 <sup>(10)</sup>	15.225	Closed	1939	Oct-2015 A	1	1,749

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

## Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
38-1102-P1B-01 <sup>(19)</sup>	0.008	2-Preliminary Design	1963	TBD	-	482
38-100-P2-01 <sup>(19)</sup>	0.002	1-Initiation & Feasibility	1960	TBD	-	211
38-101-P1B-01 <sup>(19)</sup>	8.555	2-Preliminary Design	1921	TBD	71	1,658
38-143-P1B-01 <sup>(19)</sup>	4.422	2-Preliminary Design	1935	TBD	-	626
38-200	0.369	Closed	1945	Apr-2016 A	-	7,516
38-362-P2-01 <sup>(19)</sup>	7.309	1-Initiation & Feasibility	1956	TBD	-	222
38-501 Section 1	0.321	Closed	1951	Jun-2015 A	-	4,727
38-501 Section 2	2.088	Closed	1952	Aug-2016 A	1	15,504
38-504	0.377	Closed	1952	Sep-2016 A	1	5,184
38-512	4.897	Closed	1929	Mar-2015 A	-	28,968
38-512 Section 3 <sup>(20)</sup>	4.823	Closed	1929	Sep-2017 A	-	76
38-514 Section 1	0.089	Closed	1945	May-2016 A	-	1,926
38-514 Section 2	2.841	Closed	1945	Feb-2016 A	-	11,679
38-539-P2-01 <sup>(19)</sup>	12.565	1-Initiation & Feasibility	1947	TBD	-	265
38-931-P1B-01 <sup>(19)</sup>	TBD	2-Preliminary Design	1942	TBD	-	91
38-931 <sup>(18)</sup>	0.997	Closed	1942	Jan-2017 A	-	6,636
38-952-P2-01 <sup>(19)</sup>	9.220	1-Initiation & Feasibility	1950	TBD	-	229
41-17 <sup>(12)</sup>	2.462	5-Close-Out	1955	Sep-2016 A	3	2,554
41-116	0.009	Closed	1957	Oct-2016 A	-	200
41-6000-2 Abandonment <sup>(12)</sup>	27.437	4-Construction	1948	Aug-2018 A	1,291	2,233
41-6000-2 Tie Over	0.115	5-Close-Out	1949	Oct-2017 A	241	15,313
41-6001-2	0.005	Closed	1967	Oct-2017 A	4	539
43-121 North	1.008	Closed	1930	Aug-2016 A	7	14,207
43-121 South	1.476	Closed	1930	Aug-2014 A	7	30,279
43-121N-P1A-02	0.117	Closed	1930	Apr-2017 A	2	4,440
43-121N-P1A-03	0.153	5-Close-Out	1930	Apr-2017 A	14	4,229
43-121N-P1A-04	0.782	5-Close-Out	1930	Aug-2017 A	12	11,221
44-137	1.031	Closed	1950	Nov-2014 A	3	24,619
44-687	0.303	Closed	1946	Sep-2014 A	-	5,175
44-707-P2-01 <sup>(19)</sup>	0.002	1-Initiation & Feasibility	1969	TBD	-	150
44-720	1.482	Closed	1947	Jun-2015 A	-	9,950
44-729-P2-01 <sup>(19)</sup>	0.005	1-Initiation & Feasibility	1958	TBD	-	306
45-120 Section 2	3.533	5-Close-Out	1930	Sep-2014 A	71	75,465
404 Section 1	0.028	Closed	1944	Sep-2015 A	1	2,621
404 Section 2	2.976	Closed	1944	Sep-2015 A	-	3,783
404 Section 2A	0.817	Closed	1944	Mar-2017 A	-	2,291
404 Section 3A <sup>(15)</sup>	0.265	Closed	1944	Aug-2016 A	-	5,047
404 Section 3,7&8,8A	7.563	Closed	1944	Feb-2014 A	1	2,470
404 Section 4A	0.581	4-Construction	1944	Aug-2018 A	649	1,824
404 Section 4&5	7.315	Closed	1944	Sep-2015 A	1	6,190
404 Section 9	0.408	Closed	1962	Jun-2016 A	-	1,868
404-P2-01 <sup>(19)</sup>	6.071	1-Initiation & Feasibility	1944	TBD	-	174
404-406 Somis Station	0.034	4-Construction	1951	Aug-2018 A	1,046	2,547
406-P2-01 <sup>(19)</sup>	13.718	1-Initiation & Feasibility	1951	TBD	-	622
406 Section 3	0.433	Closed	1949	Jun-2016 A	-	2,374
6914 Installation	11.706	Closed	1948	Sep-2015 A	2	76,599
6921 Dowden & Kershaw	0.015	5-Close-Out	N/A	Apr-2018 A	50	678
85 <sup>(9)(19)</sup>	61.066	2-Preliminary Design	1931	TBD	-	-
85 South Newhall <sup>(14)</sup>	0.085	Closed	1931	Dec-2014 A	8	8,918
Storage - Goleta	0.287	3-Detailed Design & Procurement	1944	Apr-2019	240	1,633
<b>Total SoCalGas Active Pipeline Projects<sup>(21)</sup></b>					<b>10,588</b>	<b>1,001,884</b>

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

## Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>2016 Reasonableness Review Application (A.16-09-005)</b>						
49-14	0.032	Closed	1959	Sep-2014 A	-	4,048
49-22 <sup>(10)</sup>	4.046	Closed	1951	Apr-2014 A	-	4,057
49-32 (REPL)	0.093	Closed	1950	Jun-2014 A	5	4,215
<b>Future Filing</b>						
49-11	0.960	Closed	1969	Jun-2015 A	8	4,594
49-13	3.175	Closed	1959	Jul-2015 A	8	20,850
49-15 (REPL)	2.402	5-Close-Out	1950	Nov-2015 A	492	32,864
49-15 Transmission	0.984	Closed	1950	Nov-2015 A	2	7,852
49-16 Pipeline	0.993	5-Close-Out	1948	Mar-2015 A	(58)	25,424
49-16 4th & Palm	0.014	5-Close-Out	1958	Jan-2018 A	190	6,750
49-16 Gate Station	0.028	3-Detailed Design & Procurement	1955	Sep-2018	77	1,582
49-17 East	5.165	5-Close-Out	1948	Jun-2015 A	186	59,945
49-17 West	1.643	5-Close-Out	1948	Oct-2014 A	93	28,389
49-25	1.744	Closed	1960	Aug-2014 A	-	20,762
49-26	3.466	5-Close-Out	1958	Oct-2014 A	(997)	30,156
49-28	2.600	5-Close-Out	1932	Sep-2014 A	32	39,311
49-32-L	0.198	5-Close-Out	1965	Aug-2016 A	(166)	4,950
<b>Line 1600</b>						
1600 South					-	444
1600 <sup>(5)(19)(22)</sup>	49.894	2-Preliminary Design	1949	TBD	121	25,393
<b>Total SDG&amp;E Active Pipeline Projects</b>					<b>(7)</b>	<b>321,586</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 sum of test and/or replacement miles (unless otherwise noted). 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 projects in future.
- (7) This project was filed in 2019 GRC 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) The scope for this project is primarily abandonment with minor replacement (0.006 miles).
- (14) The scope for this project includes 0.085 miles of replacement and 0.089 miles of abandonment.
- (15) The scope for this project includes 0.265 miles of replacement and 0.298 miles of abandonment.
- (16) The scope for this project includes 0.997 miles of replacement, 0.018 miles of abandonment and 1.391 miles of de-rate.
- (17) The scope for this project includes 0.034 miles of replacement and 0.028 miles of abandonment.
- (18) The scope for this project includes 8.574 miles of test, 0.030 miles of replacement and 0.063 miles of abandonment.
- (19) TBD - Information will be updated in the future.
- (20) The scope for this project includes 0.005 miles of replacement. The 4.818 miles of abandonment is combination of projects 38-508 and 38-512-D.
- (21) The difference of approximately \$4K from the July 2018 to August 2018 project-to-date costs is due to rounding.
- (22) Project Lifecycle for Line 1600 has been revised to Stage 2 to accurately reflect the status of the project.

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

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

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

Pipeline Project	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Line 119 North-P2-01	-	20
Line 169	-	-
Line 1003	-	-
Line 1003LT2	-	-
Line 1017BP1	-	-
Line 1017BP2	-	-
Line 1017BP3	-	-
Line 1017BR4	-	-
Line 1017BR5	-	-
Line 1017BR6	-	-
Line 1017BR7	-	-
Line 1018	-	-
Line 1020	-	-
Line 1024	-	-
Line 1025	-	-
Line 1171LT2	-	-
Line 1171LT1BP2	-	-
Line 1172 BP2ST1	-	-
Line 1172 BP2ST2	-	2
Line 1172 BP2ST3	-	-
Line 1172 BP2ST4	-	-
Line 1172 BP3	-	-
Line 1172 ID 2313	-	13
Line 235 East	-	-
Line 247	-	18
Line 2000-Bridge	-	(7)
Line 2000-0.18-BO Crossover Piping	-	(3)
Line 2001 East	-	106
Line 30-02	-	-
Line 30-02-U	-	-
Line 30-09-A	-	-
Line 30-32	-	-
Line 30-6200	-	-
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-
Line 30-6799BR1	-	-
Line 32-90	-	-
Line 35-10	-	-
Line 35-20	-	-
Line 35-20-A	-	17
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 35-6520	-	-
Line 36-7-04	-	-
Line 36-1006	-	1
Line 36-6588	-	-
Line 36-8-01	-	-
Line 36-8-01-C	-	-
Line 36-8-06	-	-
Line 36-9-06	-	4
Line 36-9-06-A	-	-
Line 36-9-09 North Section 2A	-	-
Line 36-9-21BR1	-	-
Line 37-04	-	-
Line 37-18 J	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-116-1-P2-01	-	27
Line 38-351	-	-
Line 38-508	-	-
Line 38-516	5	5
Line 38-523	-	55
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 317	-	-
Line 3000-261.73-BO	-	-
Line 3000-261.73-BR	-	-
Line 41-04-I	-	8
Line 41-05	-	4
Line 41-05-A	-	-



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

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

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

Pipeline Project	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Line 41-17-A2	-	4
Line 41-17-F	-	(1)
Line 41-17-FST1	-	-
Line 41-19	-	-
Line 41-25	-	1
Line 41-25-A	-	-
Line 41-30	-	37
Line 41-35-1-KST2	-	-
Line 41-55	-	-
Line 41-80	-	41
Line 41-83	-	-
Line 41-84	-	-
Line 41-84-A	-	-
Line 41-90	-	-
Line 41-101	-	-
Line 41-116BP1	-	-
Line 41-117	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-181	-	28
Line 41-201	-	-
Line 41-207BR1	-	-
Line 41-198	-	-
Line 41-199	-	-
Line 41-6045	-	52
Line 41-6501	-	-
Line 42-12	-	-
Line 42-46	-	-
Line 42-46-F	-	-
Line 42-57	-	-
Line 43-1106	-	-
Line 43-34	-	-
Line 44-719	-	1
Line 44-1008 Section 2B	-	1,336
Line 45-163	-	1
Line 408XO1	-	-
Line 4000	-	-
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
<b>Total SoCalGas Pipeline Projects Remediated or Removed</b>	<b>5</b>	<b>1,792</b>

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

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

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of August 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)	August 2018 Actuals (in \$,000)	Project-to-Date Actuals (in \$,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	Jan-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	1-Initiation & Feasibility	Apr-2019	15	238
V-L115-P1B-Pierce	3	1-Initiation & Feasibility	Jun-2019	9	271
V-L115-P1B-Randall	3	1-Initiation & Feasibility	May-2019	2	219
V-L1004-P1B-Ortega Hill	1	2-Preliminary Design	Mar-2020	1	131
V-L1017-P1B-Bristol	2	2-Preliminary Design	Oct-2019	4	50
V-L225 Honor Ranch-P1B-Castaic	1	2-Preliminary Design	Mar-2019	-	176
V-L225 Forest Service-P1B-Forest Inn Road	1	1-Initiation & Feasibility	Apr-2020	-	1
V-L225 Forest Service-P1B-Old Ridge Route	1	1-Initiation & Feasibility	May-2020	-	1
V-L235-P1B-Black Canyon	0	1-Initiation & Feasibility	Apr-2020	12	57
<b>235-335 West Bundle-P1B<sup>(5)</sup></b>					
V-235-335 West-P1B-Agua Dulce Canyon	3	2-Preliminary Design	Jun-2019	7	75
V-235-335 West-P1B-Shannon Valley <sup>(4)</sup>	1	TBD	Jun-2020	-	1
V-235-335 West-P1B-Tick Canyon	2	1-Initiation & Feasibility	Mar-2020	-	1
V-L235-P1B-Bristol Mtn	0	1-Initiation & Feasibility	Jun-2020	10	53
V-L235-P1B-Crucero Rd	0	1-Initiation & Feasibility	Jul-2020	2	38
V-L235-P1B-Fernner	0	1-Initiation & Feasibility	Mar-2020	12	63
V-L235-P1B-Hwy 247	0	1-Initiation & Feasibility	Mar-2020	2	23
V-L235-P1B-Kelso Dunes	0	1-Initiation & Feasibility	May-2020	16	57
V-L235-P1B-Mtn Springs	0	1-Initiation & Feasibility	Feb-2020	18	79
V-L235-P1B-Oro Mtn	0	1-Initiation & Feasibility	Sep-2020	2	27
V-L235-P1B-Pisgah Rd	0	1-Initiation & Feasibility	Aug-2020	2	25
V-L235-P1B-Sacramento Mtn	0	1-Initiation & Feasibility	Jan-2020	15	63
V-L235-P1B-Stoddard Wells Rd	1	1-Initiation & Feasibility	Oct-2020	2	21
V-SL32-21-P1B <sup>(4)(6)</sup>	0	TBD	Mar-2021	(19)	28
V-SL32-21-GRC-State St <sup>(4)</sup>	TBD	TBD	TBD	17	17
V-SL32-21-GRC-Crosby St <sup>(4)</sup>	TBD	TBD	TBD	16	16
V-SL33-120-P1B <sup>(4)</sup>	1	TBD	May-2020	-	28
<b>L324 Bundle-P1B<sup>(5)</sup></b>					
V-L324-P1B-Center Road Station	3	1-Initiation & Feasibility	Oct-2019	1	11
V-L324-P1B-Happy Camp	1	1-Initiation & Feasibility	Mar-2020	7	22
V-L324-P1B-Rice Road	1	1-Initiation & Feasibility	Jul-2020	4	63
V-L324-P1B-Sence Ranch	1	1-Initiation & Feasibility	Jul-2020	7	22
V-L324-P1B-Torrey Mountain	0	2-Preliminary Design	Aug-2019	12	60
V-L324-P1B-Windy Gap & Salt Creek	1	2-Preliminary Design	May-2020	13	59
V-L3000-P1B-Bagdad	0	1-Initiation & Feasibility	Jul-2020	9	63
V-L3000-P1B-Black Ridge	0	1-Initiation & Feasibility	Aug-2020	9	54
V-L3000-P1B-Eagle Peak	0	1-Initiation & Feasibility	Jan-2020	21	92
V-L3000-P1B-Kelbaker	0	1-Initiation & Feasibility	Jun-2020	1	33
V-L3000-P1B-Marble Mtn	0	1-Initiation & Feasibility	May-2020	10	56
V-L3000-P1B-Mercury Mtn	0	1-Initiation & Feasibility	Mar-2020	2	46
V-L3000-P1B-Piute	0	1-Initiation & Feasibility	Feb-2020	8	52
V-L3000-P1B-Route 66	0	1-Initiation & Feasibility	Apr-2020	8	51
43-121-P1B	2	2-Preliminary Design	Feb-2020	-	689
407 Sullivan Canyon-P1B	2	3-Detailed Design & Procurement	Sep-2019	24	927
V-L4000-P1B-Camp Rock Rd	1	2-Preliminary Design	Feb-2019	4	187
V-L4000-P1B-Powerline Rd	1	2-Preliminary Design	Jan-2019	5	182
V-L6906-GRC-Arrow Route Stn <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-L6906-GRC-Merrill Ave <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-L6906-GRC-Mill Rd <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-L765-P1B-Abbot & Atlantic	1	2-Preliminary Design	Jun-2019	1	56
V-L765-P1B-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	May-2019	1	47
V-L765-P1B-Farragut & Anaheim	1	1-Initiation & Feasibility	Aug-2019	2	49
V-L765-P1B-Linsley & Atlantic	1	2-Preliminary Design	Jun-2019	5	69
V-L85-P1B-Ed Pump	1	1-Initiation & Feasibility	Apr-2019	6	14
V-L85-P1B-Rising Canyon Rd	1	1-Initiation & Feasibility	Aug-2019	6	9
V-L85-P1B-Twisselman Rd	0	1-Initiation & Feasibility	Jul-2019	6	9
V-L800-P1B-Kettleman Nevada	0	2-Preliminary Design	Dec-2019	3	23

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
V-L800-P1B-Murphy Ranch Rd	0	2-Preliminary Design	Dec-2019	3	7
V-L800-P1B-Lemoore Junction	2	2-Preliminary Design	Feb-2020	7	11
L8109 Bundle-P1B <sup>(4)(5)</sup>	6	TBD	Jan-2021	-	2
V-L8109-GRC-Apache Canyon <sup>(4)</sup>	TBD	TBD	TBD	4	16
V-L8109-GRC-Arundell <sup>(4)</sup>	TBD	TBD	TBD	3	14
V-L8109-GRC-Casita Springs <sup>(4)</sup>	TBD	TBD	TBD	2	14
V-L8109-GRC-Cuyama Meter Stn <sup>(4)</sup>	TBD	TBD	TBD	6	63
V-L8109-GRC-Hall Canyon <sup>(4)</sup>	TBD	TBD	TBD	3	31
V-L8109-GRC-Live Oaks <sup>(4)</sup>	TBD	TBD	TBD	8	16
V-L8109-GRC-Sheep Camp <sup>(4)</sup>	TBD	TBD	TBD	2	15
V-Adelanto-P1B-Stoddard Wells	1	2-Preliminary Design	Mar-2019	5	154
V-Aviation-P1B-190th & Green	3	1-Initiation & Feasibility	Jun-2019	4	285
Blythe Station 2	0	3-Detailed Design & Procurement	May-2019	11	443
V-Blythe-P1B-Chuckawalla <sup>(4)</sup>	0	TBD	Dec-2020	1	10
V-Blythe-P1B-Desert Center Station <sup>(4)</sup>	0	TBD	Nov-2020	1	11
V-Blythe-P1B-Ford Dry Lake <sup>(4)</sup>	0	TBD	Jul-2020	2	11
V-Blythe-P1B-Hayfield Station <sup>(4)</sup>	0	TBD	Aug-2020	1	7
V-Blythe-P1B-Shavers Summit <sup>(4)</sup>	0	TBD	Oct-2020	1	10
V-Brea-P1B-Lincoln	1	2-Preliminary Design	Jan-2019	37	393
V-Brea-P1B-Placentia	4	1-Initiation & Feasibility	Jan-2019	9	157
Burbank & Lindley-P1B	3	2-Preliminary Design	Apr-2020	21	153
V-Burbank-P1B-Valleyheart & Noble	3	2-Preliminary Design	Mar-2020	6	70
V-Burbank-P1B-Verdugo & Reese	3	2-Preliminary Design	Apr-2019	8	191
Cabazon-P1B	3	1-Initiation & Feasibility	Jan-2021	-	12
V-Carpinteria-P1B-Conoco	1	2-Preliminary Design	Aug-2019	28	311
Chestnut & Grand-P1B <sup>(4)</sup>	4	TBD	Jul-2019	13	103
Del Amo / Wilmington-P1B	1	2-Preliminary Design	Sep-2019	3	367
V-El Segundo-P1B-Scattergood	4	3-Detailed Design & Procurement	Oct-2019	20	1,352
Glendale Bundle-P1B <sup>(5)</sup>				-	127
V-Glendale-P1B-Adams	3	2-Preliminary Design	Apr-2019	18	118
V-Glendale-P1B-Glenoaks	2	2-Preliminary Design	Jun-2019	3	107
V-Glendale-P1B-Avenue 59	3	1-Initiation & Feasibility	Mar-2019	13	129
V-Goleta-P1B-Santa Rosa Rd Buellton	1	2-Preliminary Design	Apr-2019	27	187
V-Goleta-P1B-Farren Rd	1	2-Preliminary Design	Nov-2019	30	171
V-Goleta-P1B-Gaviota St Park	1	2-Preliminary Design	May-2019	17	455
V-Goleta-P1B-POPCO	1	2-Preliminary Design	Oct-2019	10	129
Haskell Station FM-P1B	1	1-Initiation & Feasibility	Mar-2020	1	14
Pico-P1B	3	2-Preliminary Design	Jan-2020	-	264
V-Santa Barbara-P1B-Cabrillo Bl	1	2-Preliminary Design	Aug-2020	2	45
V-Santa Barbara-P1B-Grove Ln	1	2-Preliminary Design	Apr-2019	7	149
V-SB County-P1B-Park Ln	1	3-Detailed Design & Procurement	Mar-2019	27	585
V-SB County-P1B-Parsons	1	3-Detailed Design & Procurement	Mar-2019	16	493
V-SFV Bundle Olympic <sup>(4)(5)</sup>	9	TBD	Apr-2020	-	100
V-SFV Olympic-GRC-Chatsworth St <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-SFV Olympic-GRC-Killion St <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-SFV Olympic-GRC-White Oak Ave <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-SFV Olympic-GRC-Yarmouth Ave <sup>(4)</sup>	TBD	TBD	TBD	-	-
V-SFV Bundle Valencia <sup>(5)</sup>				2	29
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	14	92
V-SFV Valencia-P1B-San Fernando Mission	1	1-Initiation & Feasibility	Apr-2020	4	106
V-SFV Valencia-P1B-Eternal Valley <sup>(4)</sup>	2	TBD	Sep-2021	4	61
V-SFV Valencia-P1B-Wilbur	1	1-Initiation & Feasibility	Oct-2020	5	63
V-SFV Valencia-P1B-Woodley and Rinaldi <sup>(4)</sup>	1	TBD	Oct-2020	12	61
Ventura Station Bundle-P1B <sup>(4)</sup>	6	TBD	Jun-2019	7	20
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms	1	2-Preliminary Design	Jun-2019	17	127
<b>Future Filing</b>					
L1014 Brea	6	Closed	Nov-2015 A	-	6,421
L1014 Olympic	6	5-Close-Out	Feb-2016 A	18	6,709
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	-	561
V-L1017-P1B-Dyer	1	3-Detailed Design & Procurement	Oct-2018	16	875
V-L1018-P1B-Alipaz	1	4-Construction	May-2018 A	217	1,167
V-L1018-P1B-Avery	1	5-Close-Out	Feb-2018 A	12	1,023
V-L1018-P1B-Burt Bdl	2	4-Construction	Jul-2017 A	40	2,220
V-L1018-P1B-Camino Capistrano	1	3-Detailed Design & Procurement	Sep-2018	283	639
V-L1018-P1B-El Toro	1	3-Detailed Design & Procurement	Nov-2018	25	486
V-L1018-P1B-Harvard	3	4-Construction	Jul-2018 A	766	1,551
L 1020	1	Closed	Mar-2015 A	-	1,396
V-29 Palms-P1B-Indian Canyon	1	4-Construction	Oct-2017 A	-	1,091
V-29 Palms-P1B-Mohawk Trail	1	4-Construction	Feb-2018 A	6	748
V-29 Palms-P1B-Sunburst St	1	4-Construction	May-2018 A	12	1,253
V-29 Palms-P1B-Utah Trail	1	4-Construction	Jan-2018 A	10	1,093
L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,283
V-L225-P1B-Beartrap	1	5-Close-Out	May-2017 A	2	1,134

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
V-L225-P1B-Quail Canal	1	5-Close-Out	Jun-2017 A	(16)	1,105
235-335 East	2	5-Close-Out	Oct-2016 A	1	3,431
L2000 Beaumont 2015	3	Closed	Aug-2015 A	-	2,372
L2000 Beaumont 2016	4	4-Construction	Jun-2017 A	(36)	4,071
2001W Seg 10-11	1	Closed	Jan-2017 A	1	1,385
L2003 East	7	Closed	Sep-2015 A	1	3,910
L2003 West	6	Closed	Oct-2015 A	-	3,441
SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	9	778
404 Ventura	4	Closed	Feb-2016 A	4	3,864
404-406 Valley	8	5-Close-Out	Sep-2015 A	56	9,073
404-406 Ventura 2016 Bundle	2	5-Close-Out	Oct-2016 A	3	856
V-404-406 Vent. 2016 P1B Somis Yard	1	5-Close-Out	May-2018 A	98	1,066
406 Ventura	5	Closed	Nov-2015 A	1	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	Oct-2018	4	903
L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,137
L4000 Victorville-P1B <sup>(5)</sup>				-	-
V-L4000-P1B-Desert View Rd	1	2-Preliminary Design	Oct-2018	4	271
V-L4000-P1B-Devore Stn	2	3-Detailed Design & Procurement	Sep-2018	7	290
L6916-P1B	3	Closed	Nov-2016 A	1	2,434
Valve - L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,518
V-L7000-P1B-Melcher & Elmo	3	4-Construction	Jun-2018 A	997	2,326
V-L7000-P1B-Beech & HWY 46	1	4-Construction	Mar-2018 A	23	2,860
V-L7000-P1B-Rd 68 & Ave 232	1	5-Close-Out	Jan-2018 A	21	1,726
V-L7000-P1B-Rd 96 & Ave 198	1	5-Close-Out	Oct-2017 A	20	1,877
V-L7000-P1B-Visalia Stn	2	4-Construction	Jul-2018 A	121	270
V-Adelanto-P1B-MLV4	1	5-Close-Out	Dec-2017 A	10	578
V-Adelanto-P1B-MLV17	1	2-Preliminary Design	Oct-2018	23	198
Apple Valley-P1B	1	5-Close-Out	May-2018 A	63	1,226
V-Apple Valley-P1B-MLV13	0	5-Close-Out	Nov-2017 A	5	275
Alhambra Station	3	Closed	Apr-2015 A	-	3,131
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	May-2016 A	1	6,586
V- Aviation-P1B-Aviation and 104th	5	5-Close-Out	Apr-2017 A	8	8,065
Banning 2001	3	Closed	Apr-2016 A	-	1,148
V-Banning-2001-P1B-MLV16A	1	5-Close-Out	Oct-2017 A	20	1,009
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	3	1,085
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	295	1,400
Banning 5000	2	Closed	Oct-2015 A	-	2,139
Banning Airport	2	Closed	Apr-2015 A	-	990
Blythe (Cactus City)-P1B	1	4-Construction	Jul-2018 A	66	978
Brea Hacienda Bundle-P1B				-	168
V-Brea-P1B-Atwood Stn	3	5-Close-Out	Jul-2017 A	16	778
V-Brea-P1B-Azusa Ave	0	4-Construction	Mar-2018 A	11	333
V-Brea-P1B-Beach	1	2-Preliminary Design	Dec-2018	25	212
V-Brea-P1B-Brea Canyon	2	5-Close-Out	Oct-2017 A	12	1,125
V-Brea-P1B-Carbon Canyon	0	5-Close-Out	Sep-2017 A	16	371
V-Burbank-P1B-Riverside & Agnes	1	3-Detailed Design & Procurement	Oct-2018	11	172
V-Carpinteria-P1B-Oxy-Rincon	1	4-Construction	Apr-2018 A	43	988
Del Amo Station-P1B	3	4-Construction	Jan-2018 A	4	1,075
El Segundo	2	Closed	Apr-2015 A	-	6,618
Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,111
Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,339
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	3	3,050
V-Fontana 4002-P1B-Etiwanda & 4th	1	5-Close-Out	Apr-2017 A	11	1,303
V-Glendale-P1B-Monterey	1	5-Close-Out	Feb-2018 A	8	405
Haynes Station	3	Closed	Nov-2016 A	-	1,422
Honor Ranch - L225	4	Closed	May-2016 A	-	1,189
Indio 2014	4	Closed	May-2015 A	-	2,461
Indio 2016-P1B	2	5-Close-Out	Aug-2017 A	2	1,077
V-Indio-2016-P1B-MLV10s	3	5-Close-Out	Oct-2017 A	22	1,543
V-Indio-2016-P1B-MLV8s	3	4-Construction	Jan-2018 A	10	1,529
Lampson	4	5-Close-Out	Apr-2015 A	6	8,261
New Desert	7	Closed	Oct-2014 A	-	9,261
Newhall Station	7	Closed	Jan-2015 A	-	13,623
Orange	3	Closed	Apr-2015 A	1	4,718
Palowalla-P1B	3	4-Construction	Feb-2018 A	20	4,177
Questar Taps	6	Closed	Sep-2015 A	-	1,608
Rainbow	10	Closed	May-2016 A	-	4,412
Riverside 2001	5	Closed	Oct-2015 A	1	2,111
Rainbow 2017	2	4-Construction	Jul-2018 A	46	781
V-Rainbow CV-P1B <sup>(5)</sup>				(1)	149
V-Rainbow CV-P1B-Newport & Briggs	1	5-Close-Out	Jul-2018 A	117	330
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	5-Close-Out	Aug-2018 A	26	105

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

## Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of August 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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
V-Rainbow CV-P1B-Ramona & Lakeview	2	5-Close-Out	Jul-2018 A	208	279
V-Rainbow CV-P1B-Scott & El Centro	2	3-Detailed Design & Procurement	Sep-2018	3	109
V-Rainbow-P1B-MLV5	3	3-Detailed Design & Procurement	Oct-2018	33	119
Santa Barbara - 1005	1	Closed	Mar-2015 A	-	416
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	455	1,207
Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	886
Spence Station-P1B	2	4-Construction	Dec-2017 A	4	1,101
Taft-P1B <sup>(5)</sup>				11	36
V-Taft-P1B-Buttonwillow	1	5-Close-Out	Apr-2017 A	6	1,121
V-Taft-P1B-7th Standard	1	5-Close-Out	Sep-2017 A	7	1,191
V-Taft-P1B-Hageman & Runfro	2	3-Detailed Design & Procurement	Dec-2018	50	795
V-Taft-P1B-Sycamore	1	5-Close-Out	Aug-2017 A	(61)	1,113
Victorville COMMS-P1B <sup>(5)</sup>				-	-
V-Victorville COMMS-P1B-MLV11	1	3-Detailed Design & Procurement	Oct-2018	2	234
V-Victorville COMMS-P1B-MLV12	1	5-Close-Out	Nov-2017 A	2	529
Wilmington-P1B <sup>(5)</sup>				-	-
V-Wilmington-P1B Lecouver Ave & F St	3	2-Preliminary Design	Oct-2018	11	178
V-Wilmington-P1B Eubank Stn	2	4-Construction	Mar-2018 A	32	486
Western/Del Rey Bundle-P1B <sup>(5)</sup>				1	5
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	5-Close-Out	Nov-2017 A	13	397
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	2-Preliminary Design	Oct-2018	19	77
Yorba Station-P1B <sup>(4)</sup>	0	TBD	Jan-2022	-	13
<b>Total SoCalGas Active Valve Projects<sup>(7)</sup></b>				<b>5,187</b>	<b>239,268</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)	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Future Filing</b>					
1600 Bundle	0	Closed	Dec-2014 A	39	327
1601 Ultrason	0	4-Construction	Apr-2018 A	14	128
3010 Bundle	0	Closed	Dec-2014 A	3	218
3100 and 2010 FM	2	Closed	Oct-2016 A	-	238
3600 Bundle	12	Closed	Mar-2015 A	5	4,399
49-11 & 49-27	1	5-Close-Out	Sep-2016 A	11	1,565
49-16 RCV	4	5-Close-Out	Aug-2017 A	99	1,870
49-18 MVH	1	5-Close-Out	Oct-2017 A	(33)	424
49-23	3	3-Detailed Design & Procurement	Sep-2018	55	356
49-28	1	Closed	Oct-2016 A	21	1,497
49-32-L RCV	1	5-Close-Out	Aug-2016 A	7	1,862
<b>Total SDG&amp;E Active Valve Projects</b>				<b>221</b>	<b>12,884</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) The following valve bundles were split this month:

- o "V-SL32-21-P1B" was split into two individual projects named as
  - V-SL32-21-GRC-State St
  - V-SL32-21-GRC-Crosby St
- o "L8109 Bundle-P1B" was split into seven individual projects named as
  - V-L8109-GRC-Apache Canyon
  - V-L8109-GRC-Arundell
  - V-L8109-GRC-Casita Springs
  - V-L8109-GRC-Cuyama Meter Stn
  - V-L8109-GRC-Hall Canyon
  - V-L8109-GRC-Live Oaks
  - V-L8109-GRC-Sheep Camp
- o "V-SFV Bundle Olympic" was split into four individual projects named as
  - V-SFV Olympic-GRC-Chatsworth St
  - V-SFV Olympic-GRC-Killion St
  - V-SFV Olympic-GRC-White Oak Ave
  - V-SFV Olympic-GRC-Yarmouth Ave

(7) The difference of approximately \$5K from the July 2018 to August 2018 project-to-date costs is due to rounding.

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

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

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

<b>Valve Project</b>	<b>August 2018 Actuals (in \$1,000)</b>	<b>Project-to-Date Actuals (in \$1,000)</b>
V-L115-P1B-Walnut	-	142
235-198.20	-	-
L247 Goleta-P1B	-	39
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	1	14
Los Alamitos	-	206
Needles COMMs-P1B	-	19
Quigley Station	-	82
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
<b>Total SoCalGas Valve Projects Remediated or Removed</b>	<b>1</b>	<b>1,141</b>

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

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

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

Cost Type	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (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	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (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>

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

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

**Table 1 - SoCalGas Cost Summary**

Cost Type	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Project Costs</b>	<b>10,594</b>	<b>1,003,676</b>
Active Pipeline Projects <sup>A-L</sup>	10,588	1,001,884
Remediated or Removed Pipeline Projects	5	1,792
<b>Total Valve Project Costs</b>	<b>5,188</b>	<b>240,409</b>
Active Valve Projects <sup>A-D, G-L</sup>	5,187	239,268
Remediated or Removed Valve Projects	1	1,141
<b>Total Records Review and Interim Safety Measure Costs<sup>A-F</sup></b>	<b>-</b>	<b>16,035</b>
<b>Total Pipeline and Valve Other Costs</b>	<b>201</b>	<b>20,741</b>
Methane Detectors	5	659
Communications <sup>(1)</sup>	-	(27)
Construction <sup>(1)</sup>	(3)	1,085
Engineering <sup>(1)</sup>	(106)	251
Training <sup>(1)</sup>	26	313
Gas Control <sup>(1)</sup>	-	1
Environmental <sup>(1)</sup>	-	2
Supply Management <sup>(1)</sup>	3	2,025
General Administration <sup>(1)</sup>	260	16,033
Program Management Office <sup>(1)</sup>	16	400
<b>GRAND TOTAL SOCALGAS PSEP PROJECT COST</b>	<b>15,983</b>	<b>1,280,862</b>

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

Cost Type	August 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
<b>Total Pipeline Projects</b>	<b>(7)</b>	<b>321,586</b>
Active Pipeline Projects <sup>A-L</sup>	(7)	321,586
Remediated or Removed Pipeline Projects	-	-
<b>Total Valve Projects</b>	<b>221</b>	<b>12,884</b>
Active Valve Projects <sup>A-D, G-L</sup>	221	12,884
Remediated or Removed Valve Projects	n/a	n/a
<b>Total Records Review and Interim Safety Measure Costs<sup>A-F</sup></b>	<b>-</b>	<b>1,172</b>
<b>Other Costs</b>	<b>395</b>	<b>2,965</b>
Methane Detectors	-	104
Communications <sup>(1)</sup>	-	3
Construction <sup>(1)</sup>	-	-
Engineering <sup>(1)</sup>	23	45
Training <sup>(1)</sup>	-	-
Gas Control <sup>(1)</sup>	-	-
Environmental <sup>(1)</sup>	-	30
Supply Management <sup>(1)</sup>	349	1,868
General Administration <sup>(1)</sup>	25	917
Program Management Office <sup>(1)</sup>	(2)	(2)
<b>GRAND TOTAL SDG&amp;E PSEP PROJECT COST</b>	<b>609</b>	<b>338,607</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 August 2018 and project-to-date costs from May 2012 to August 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.

(D) Costs recovery will include indirects and applicable loaders.

(E) As of August 2018, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$7,848,649 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 \$38.9 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased 2018 from the July to August 2018 report because amortization exceeds interest for the current month.

(F) As of August 2018, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$514 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).

(G) As of August 2018, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$58,569,235 which includes balancing account interest and reflects approximately \$74.9 million of amortization revenues to-date. The overall SoCalGas SEEBA balance has decreased from the July 2018 to August 2018 report because amortization exceeds the recorded costs and interest for the current month.

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

(I) As of August 2018, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$4,679,246 which includes balancing account interest and reflects approximately \$5.1 million of amortization revenues to-date.

(J) As of August 2018, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$210,370,572 which includes balancing account interest and reflects approximately \$65.6 million of amortization revenues to-date.

(K) As of August 2018, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$56,333,243 which includes balancing account interest and reflects approximately \$13.1 million of amortization revenues to-date.

(L) As of August 2018, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$8,264,159 which includes balancing account interest.