

July 2018 PSEP Update

I. Introduction

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 implemented¹. Attached is the update for July 2018.

II. Current Project Status

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

Pipelines:

- New construction activity began on two pipeline projects (Stage 4)
 - SL36-37-P1B-11B (Ventura)
 - 38-960-P1B-01 (Bakersfield)
- 2 pipeline projects are in construction (Stage 4)
- 22 pipeline projects are in close-out (Stages 5)

Valves:

- New construction activity began on seven valve projects (Stage 4)
 - V-L1018-P1B-Harvard (Irvine)
 - Rainbow 2017 (Martine & Ramona)
 - V-Rainbow CV-P1B-Newport & Briggs (Menifee)
 - V-Rainbow CV-P1B-Ramona & Lakeview (Riverside County, Lakeview)
 - Blythe (Cactus City)-P1B (Blythe)
 - V-L7000-P1B-Visalia Stn (Visalia)
 - V-SB County-P1B-Lions (Santa Barbara County)
- 25 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 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*

¹ 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 project-to-date cost difference of approximately \$982K from the June 2018 to July 2018 Report is due to the following:
 - Direct Costs of approximately \$961K on Phase 2 projects increased to reconcile costs inadvertently excluded in the June 2018 report.
 - Direct Costs of approximately \$21 increased on project 38-200 to include charges previously categorized as 36-200 in the June 2018 Report.

- Appendix A, SoCalGas Pipeline Projects Remediated or Removed Table 3, Footnote 1:
The project-to-date cost difference of approximately \$48K from the June 2018 to July 2018 Report is due to the following projects being added to Table 3 - SoCalGas Pipeline Projects remediated or removed:
 - SL38-116-1-P2-01
 - Line 119 North-P2-01

- Appendix B, SoCalGas Active Valve Projects Table 1, Footnote 6 and Appendix B, SoCalGas Valve Pipeline Projects Remediated or Removed Table 3, Footnote 1:
The project-to-date cost difference of approximately \$228K from the June 2018 to July 2018 Report is due to the following projects transferred from Table 1 – SoCalGas Active Valve Projects to Table 3 – SoCalGas Valve Projects remediated or removed:
 - V-L4000-P1B-Cajon Junction
 - V-Rainbow CV-P1B-Rancho California & Margarita
 - L247 Goleta-P1B
 - V-Goleta-P1B-More Ranch Rd

- Appendix D, SoCalGas Active Pipeline Projects Table 1, Footnote E:
The overall regulatory account balance in SoCalGas' PSRMA has decreased from the June 2018 to July 2018 report because amortization exceeds interest for the current month.

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

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

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
PSRMA Application (A.14-12-016)						
2000-A	15.417	Closed	1947	Jun-2013 A	-	22,427
42-66-1&2 ⁽¹⁷⁾	0.028	Closed	1947	Oct-2013 A	-	681
Playa Del Rey Phase 1&2	0.129	Closed	1955	Aug-2013 A	-	648
2016 Reasonableness Review Application (A.16-09-005)						
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	0.248	Closed	1953	Aug-2014 A	0	8,803
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	(113)	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	(0)	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	2.998	Closed	1951	Mar-2014 A	-	6,388
Storage - Playa Del Rey Phase 5	0.118	Closed	1955	Mar-2015 A	-	1,665
2017 Forecast Application (A.17-03-021)						
127-P1B-01	0.003	2-Preliminary Design	1944	Mar-2020	-	234
2000-C, D & E ⁽⁴⁾					39	2,363
2000-C	23.015	2-Preliminary Design	1947	Aug-2022		
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 ⁽¹¹⁾	16.683	2-Preliminary Design	1928	Jul-2019	-	1,503
36-37-P1B-01 ⁽⁶⁾					-	50
SL36-37-P1B-11A	1.470	2-Preliminary Design	1927	Jun-2019	3	3
SL36-37-P1B-11B	4.399	4-Construction	1927	Jul-2018 A	910	3,592
SL36-37-P1B-11C	1.490	2-Preliminary Design	1927	Jun-2019	4	4
SL36-37-P1B-12 ⁽¹²⁾	30.916	2-Preliminary Design	1927	Feb-2019	165	1,962
38-514-P1B-01	1.382	2-Preliminary Design	1945	Jul-2020	-	440
38-556	5.572	2-Preliminary Design	1956	Apr-2019	-	767
38-960-P1B-01	6.123	4-Construction	1928	Jul-2018 A	1,125	3,402
43-121-P1B-01	0.284	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
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.773	2-Preliminary Design	1947	Jul-2021	-	144
1030-P2-01 ⁽⁷⁾	25.787	2-Preliminary Design	1955	Apr-2022	-	196
225 North ⁽⁷⁾⁽⁸⁾	8.115	2-Preliminary Design	1959	Jan-2022	-	-
235W-P2-01 ⁽⁶⁾					-	771
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 ⁽⁴⁾	8.884	2-Preliminary Design	1947	Sep-2020		
2000-P2-02 ⁽⁶⁾					-	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 ⁽⁷⁾	0.073	2-Preliminary Design	1953	Mar-2022	-	88
2001E-P2-02 ⁽⁷⁾	27.433	2-Preliminary Design	1954	Mar-2022	-	193
2001W-P2-01 ⁽⁷⁾	5.658	2-Preliminary Design	1953	Jan-2022	-	113
2001 West -E ⁽⁶⁾					-	2,063
2001 West - C	13.851	2-Preliminary Design	1953	Jan-2021		
2001 West - D	17.842	2-Preliminary Design	1950	Jun-2021		
2001 West - E	8.891	2-Preliminary Design	1953	Oct-2021		
2005-P2-01 ⁽⁷⁾	0.280	2-Preliminary Design	1950	Jul-2022	-	101
36-1032-P1B-01 ⁽⁶⁾					-	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 July 2018

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

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$,000)	Project-to-Date Actuals (in \$,000)
36-9-09N-P1B-01 ⁽⁶⁾					-	43
PSEP-SL36-9-09N-P1B-12	0.875	2-Preliminary Design	1920	Aug-2019	-	801
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	-	1,597
44-1008-P1B-01 ⁽⁶⁾					1	321
44-1008 (50%)	27.430	1-Initiation & Feasibility	1937	Jan-2021		
44-1008 (50%) ⁽⁷⁾	27.430	1-Initiation & Feasibility	1937	Jan-2022		
407-P2-01	3.972	2-Preliminary Design	1951	May-2020	-	221
5000-P2-01 ⁽⁷⁾	0.015	2-Preliminary Design	1990	Sep-2022	-	84
85 Elk Hills to Lake Station ⁽⁹⁾	13.030	2-Preliminary Design	1931	Oct-2020	7	4,444
Future Filing						
103-P1B-01 ⁽¹¹⁾	9.284	1-Initiation & Feasibility	1941	Feb-2019	15	160
128-P1B-01	0.164	2-Preliminary Design	1945	Sep-2019	0	51
133-P2-01	3.218	1-Initiation & Feasibility	1946	TBD	-	161
173-P2-01	0.003	1-Initiation & Feasibility	1952	TBD	-	5
1004 ⁽¹⁸⁾	8.603	Closed	1944	May-2015 A	0	13,047
1004-P1B-01	2.430	2-Preliminary Design	1944	TBD	-	580
1004-P2-01	1.278	1-Initiation & Feasibility	1944	TBD	-	144
1005-P2	12.531	1-Initiation & Feasibility	1951	TBD	-	291
225	3.097	3-Detailed Design & Procurement	1959	Mar-2019	-	1,374
225-P2-01 ⁽⁸⁾	10.701	1-Initiation & Feasibility	1959	TBD	-	514
225-P2-02	0.038	1-Initiation & Feasibility	1965	TBD	-	199
225-P2-03	0.064	1-Initiation & Feasibility	1959	TBD	-	168
235E-P2-01	114.009	1-Initiation & Feasibility	1960	TBD	12	44
257-P2-01	0.020	TBD	1961	TBD	-	134
2000-C	7.712	Closed	1947	Jan-2017 A	7	12,898
2000-D	3.185	5-Close-Out	1947	Sep-2017 A	(119)	8,594
2000-D Section 7&9	3.277	TBD	1947	TBD	-	-
2000-P2-01	0.570	1-Initiation & Feasibility	TBD	Sep-20	-	34
2000-West Santa Fe Springs Sta.	0.101	Closed	1947	Oct-2016 A	5	8,376
2001 West Santa Ana River Crossing	0.153	2-Preliminary Design	1950	Jul-2019	79	615
2001 West-B Section 17,18,19	1.800	Closed	1949	Aug-2015 A	-	4,733
2001 West - C	11.408	3-Detailed Design & Procurement	1953	Apr-2019	5	1,758
2001 West - D	1.601	3-Detailed Design & Procurement	1950	Apr-2019	6	1,503
2001W-P2-02	TBD	TBD	TBD	TBD	-	60
2003 Section 2	0.094	Closed	1951	Jul-2015 A	3	2,435
2006	0.060	2-Preliminary Design	TBD	May-19	34	50
30-18 Section 1	2.000	Closed	1943	Jul-2014 A	1	584
30-18 Section 2	0.558	5-Close-Out	1943	Jan-2018 A	908	31,511
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	TBD	TBD	TBD	TBD	1	4
32-21 Section 1	1.561	Closed	1948	May-2015 A	2	9,426
32-21 Section 2	1.595	Closed	1948	Jun-2016 A	1	5,140
32-21 Section 3	2.391	Closed	1948	Sep-2016 A	(0)	3,565
33-120 Section 1	0.231	5-Close-Out	1930	Sep-2017 A	640	10,914
33-120 Section 3	0.516	Closed	1940	Jun-2017 A	1	6,564
33-121 (REPL)	0.465	5-Close-Out	1955	Jan-2018 A	30	4,011
33-750	0.570	1-Initiation & Feasibility	TBD	Aug-20	4	10
36-1002	0.034	Closed	1928	May-2015 A	0	1,847
36-1032 Section 4	0.321	5-Close-Out	1953	Jul-2017 A	2	5,395
36-9-09 North Section 1	6.416	Closed	1920	May-2015 A	1	46,900
36-9-09 North Section 3	2.956	Closed	1927	Dec-2014 A	2	25,480
36-9-09 North Section 4 ⁽⁶⁾					-	3,036
36-9-09 North Section 4A	0.579	Closed	1940	May-2017 A	(0)	4,251
36-9-09 North Section 4B	0.455	Closed	1940	Sep-2014 A	-	5,657
36-9-09 North Section 5 ⁽⁶⁾					-	0
36-9-09 North Section 5C	0.612	Closed	1932	Dec-2016 A	-	7,053
36-9-09 North Section 5A	1.487	Closed	1959	Feb-2016 A	5	12,645
36-9-09 North Section 5B-01	0.150	3-Detailed Design & Procurement	1932	Jun-22	-	0
36-9-09 North Section 5B-02	0.252	3-Detailed Design & Procurement	1932	Oct-18	60	148
36-9-09 North Section 6B	1.554	5-Close-Out	1955	Oct-2017 A	(327)	13,106
36-9-09 North Section 7A	1.345	Closed	1932	Sep-2016 A	(1)	10,757
36-9-09 North Section 7B	3.188	Closed	1932	May-2015 A	0	24,258
36-9-09 South ⁽¹⁰⁾	1.240	Closed	1951	Apr-2016 A	0	2,146
36-9-09-JJ ⁽¹⁰⁾	0.459	Closed	1920	Jun-2016 A	1	1,723
36-9-21	0.463	5-Close-Out	1950	Aug-2017 A	14	5,920
37-07	3.222	Closed	1945	Sep-2014 A	-	27,423
37-18	4.062	Closed	1945	Oct-2014 A	16	42,077
37-18-F	2.065	Closed	1946	Aug-2016 A	(2)	6,993
37-18-K	1.914	5-Close-Out	1949	Mar-2018 A	564	13,682
37-18 Section 5	0.203	Closed	1940	Apr-2017 A	8	7,569
38-KWB-P1B-01 ⁽¹⁰⁾	15.225	Closed	1939	Oct-2015 A	-	1,749

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

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
38-1102-P1B-01	0.008	2-Preliminary Design	1963	TBD	-	482
38-100-P2-01	0.002	1-Initiation & Feasibility	1960	TBD	-	211
38-101-P1B-01	8.555	2-Preliminary Design	1921	TBD	199	1,587
38-143-P1B-01	4.422	2-Preliminary Design	1935	TBD	-	626
38-200	0.369	Closed	1945	Apr-2016 A	1	7,516
38-362-P2-01	7.309	1-Initiation & Feasibility	1956	TBD	-	222
38-501 Section 1	0.321	Closed	1951	Jun-2015 A	0	4,727
38-501 Section 2	2.155	Closed	1952	Aug-2016 A	0	15,504
38-504	0.377	Closed	1952	Sep-2016 A	2	5,183
38-512	4.898	Closed	1929	Mar-2015 A	1	28,968
38-512 Section 3 ⁽²⁰⁾	4.822	Closed	1935	Sep-2017 A	(0)	76
38-514 Section 1	0.089	Closed	1945	May-2016 A	0	1,926
38-514 Section 2	2.841	Closed	1945	Feb-2016 A	0	11,678
38-539-P2-01	12.565	1-Initiation & Feasibility	1947	TBD	-	265
38-931-P1B-01	TBD	2-Preliminary Design	1942	TBD	-	91
38-931 ⁽¹⁶⁾	0.997	Closed	1942	Jan-2017 A	2	6,636
38-952-P2-01	9.220	1-Initiation & Feasibility	1950	TBD	-	229
41-17 ⁽¹²⁾	2.462	5-Close-Out	1955	Sep-2016 A	0	2,550
41-116	0.009	Closed	1957	Oct-2016 A	(0)	200
41-6000-2 Abandonment ⁽¹²⁾	27.437	2-Preliminary Design	1948	Aug-2018	93	942
41-6000-2 Tie Over	0.115	5-Close-Out	1949	Oct-2017 A	(205)	15,072
41-6001-2	0.005	Closed	1967	Oct-2017 A	(0)	535
43-121 North	1.007	Closed	1930	Aug-2016 A	4	14,200
43-121 South	1.422	Closed	1930	Aug-2014 A	1	30,272
43-121N-P1A-02	0.133	Closed	1930	Apr-2017 A	6	4,438
43-121N-P1A-03	0.157	5-Close-Out	1930	Apr-2017 A	25	4,215
43-121N-P1A-04	0.794	5-Close-Out	1930	Aug-2017 A	36	11,209
44-137	1.031	Closed	1950	Nov-2014 A	2	24,616
44-687	0.312	Closed	1946	Sep-2014 A	1	5,175
44-707-P2-01	0.002	1-Initiation & Feasibility	1969	TBD	-	150
44-720	1.474	Closed	1947	Jun-2015 A	-	9,950
44-729-P2-01	0.005	1-Initiation & Feasibility	1958	TBD	-	306
45-120 Section 2	3.532	5-Close-Out	1930	Sep-2014 A	(131)	75,394
404 Section 1	0.028	Closed	1944	Sep-2015 A	0	2,620
404 Section 2	2.976	Closed	1944	Sep-2015 A	0	3,783
404 Section 2A	0.817	Closed	1944	Mar-2017 A	0	2,291
404 Section 3A ⁽¹⁵⁾	0.265	Closed	1944	Aug-2016 A	-	5,047
404 Section 3,7&8,8A	7.561	Closed	1944	Feb-2014 A	0	2,469
404 Section 4A	0.767	3-Detailed Design & Procurement	1944	Aug-2018	103	1,175
404 Section 4&5	7.315	Closed	1944	Sep-2015 A	0	6,189
404 Section 9	0.409	Closed	1962	Jun-2016 A	0	1,868
404-P2-01	2.278	1-Initiation & Feasibility	1944	TBD	-	174
404-406 Somis Station	0.073	3-Detailed Design & Procurement	1951	Aug-2018	81	1,502
406-P2-01	13.718	1-Initiation & Feasibility	1951	TBD	-	622
406 Section 3	0.427	Closed	1962	Jun-2016 A	-	2,374
6914 Installation	11.702	Closed	1948	Sep-2015 A	0	76,597
6921 Dowden & Kershaw	0.000	5-Close-Out	N/A	Apr-2018 A	278	628
85 ⁽⁹⁾	61.066	2-Preliminary Design	1931	TBD	-	-
85 South Newhall ⁽¹⁴⁾	0.110	Closed	1950	Dec-2014 A	2	8,911
Storage - Goleta	0.286	3-Detailed Design & Procurement	1944	Apr-2019	2	1,393
Total SoCalGas Active Pipeline Projects⁽²¹⁾					4,624	991,292

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

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Current Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)						
49-14	0.032	Closed	1959	Sep-2014 A	-	4,048
49-22 ⁽¹⁰⁾	4.051	Closed	1951	Apr-2014 A	-	4,057
49-32 (REPL)	4.051	Closed	1950	Jun-2014 A	2	4,210
Future Filing						
49-11	0.960	Closed	1969	Jun-2015 A	-	4,586
49-13	3.166	Closed	1959	Jul-2015 A	1	20,841
49-15 (REPL)	2.414	5-Close-Out	1950	Nov-2015 A	101	32,373
49-15 Transmission	1.008	Closed	1950	Nov-2015 A	1	7,850
49-16 Pipeline	0.992	5-Close-Out	1948	Mar-2015 A	(216)	25,483
49-16 4th & Palm	0.014	5-Close-Out	1958	Jan-2018 A	242	6,560
49-16 Gate Station	0.028	3-Detailed Design & Procurement	1955	Aug-2018	23	1,504
49-17 East	5.165	5-Close-Out	1948	Jun-2015 A	145	59,760
49-17 West	1.643	5-Close-Out	1948	Oct-2014 A	(47)	28,296
49-25	1.743	Closed	1960	Aug-2014 A	1	20,762
49-26	3.453	5-Close-Out	1958	Oct-2014 A	518	31,153
49-28	2.600	5-Close-Out	1932	Sep-2014 A	26	39,279
49-32-L	0.198	5-Close-Out	1965	Aug-2016 A	(13)	5,117
Line 1600						
1600 South					-	444
1600 ⁽⁵⁾	49.895	3-Detailed Design & Procurement	TBD	TBD	157	25,271
Total SDG&E Active Pipeline Projects					941	321,593

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 project stage, engineering drawings, construction and closeout.
- (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) The Pipeline Safety and Reliability Project (PSRP) Line 1600 was previously added to Appendix A and was the subject of A.15-09-013 for a Certificate of Public Convenience and Necessity. D.18-06-028 denies the application 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).
- (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-P2-01 are captured under project 225 North. 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.
- (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 0.110 miles of replacement and 0.190 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, 1.391 miles of de-rate and 0.015 miles of abandonment.
- (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 0.004 miles of replacement and 4.817 miles of abandonment.
- (21) The project-to-date cost difference of approximately \$982K from the June 2018 to July 2018 Report is due to the following:
 - i) Direct Costs of approximately \$961K on Phase 2 projects increased to reconcile costs inadvertently excluded in the June 2018 report.
 - ii) Direct Costs of approximately \$21 increased on project 38-200 to include charges previously categorized as 36-200 in the June 2018 report.

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

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

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	July 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	(8)	(7)
Line 2000-0.18-BO Crossover Piping	-	(3)
Line 2001 East	14	106
Line 30-02	-	-
Line 30-02-U	-	-
Line 30-09-A	-	-
Line 30-32	1	1
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	1
Line 36-6588	-	-
Line 36-8-01	-	-
Line 36-8-01-C	-	-
Line 36-8-06	-	-
Line 36-9-06	4	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	(0)	-
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 July 2018

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

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

Pipeline Project	July 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	-	-
Total SoCalGas Pipeline Projects Remediated or Removed ⁽¹⁾	11	1,788

Table 3 - Project Footnotes:

(1) The project-to-date cost difference of approximately \$48K from the June 2018 to July 2018 Report is due to the following projects being added to Table 3 - SoCalGas Pipeline Projects remediated or removed:

- o SL38-116-1-P2-01
- o Line 119 North-P2-01

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	July 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)	-	-
Total SDG&E Pipeline Projects Remediated or Removed	-	-

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

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

Table 1 - SoCalGas Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)					
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
2019 GRC Application (A.17-10-008)					
V-L115-P1B-Herron	3	1-Initiation & Feasibility	Apr-2019	4	224
V-L115-P1B-Pierce	3	1-Initiation & Feasibility	Jun-2019	16	262
V-L115-P1B-Randall	3	1-Initiation & Feasibility	May-2019	3	217
V-L1004-P1B-Ortega Hill	1	2-Preliminary Design	Mar-2020	10	130
V-L1017-P1B-Bristol	2	2-Preliminary Design	Apr-2019	1	46
V-L225 Honor Ranch-P1B-Castaic	1	2-Preliminary Design	Mar-2019	1	177
V-L225 Forest Service-P1B-Forest Inn Road	1	1-Initiation & Feasibility	Apr-2020	1	1
V-L225 Forest Service-P1B-Old Ridge Route	1	1-Initiation & Feasibility	May-2020	1	1
V-L235-P1B-Black Canyon	0	1-Initiation & Feasibility	Apr-2020	6	45
235-335 West Bundle-P1B ⁽⁵⁾				0	103
V-235-335 West-P1B-Agua Dulce Canyon	3	2-Preliminary Design	Jun-2019	29	68
V-235-335 West-P1B-Shannon Valley ⁽⁴⁾	1	TBD	Jun-2020	0	1
V-235-335 West-P1B-Tick Canyon	2	1-Initiation & Feasibility	Mar-2020	0	1
V-L235-P1B-Bristol Mtn	0	1-Initiation & Feasibility	Jun-2020	7	43
V-L235-P1B-Crucero Rd	0	1-Initiation & Feasibility	Jul-2020	11	36
V-L235-P1B-Fernner	0	1-Initiation & Feasibility	Mar-2020	6	52
V-L235-P1B-Hwy 247	0	1-Initiation & Feasibility	Mar-2020	4	21
V-L235-P1B-Kelso Dunes	0	1-Initiation & Feasibility	May-2020	6	42
V-L235-P1B-Mtn Springs	0	1-Initiation & Feasibility	Feb-2020	6	61
V-L235-P1B-Oro Mtn	0	1-Initiation & Feasibility	Sep-2020	4	25
V-L235-P1B-Pisgah Rd	0	1-Initiation & Feasibility	Aug-2020	2	23
V-L235-P1B-Sacramento Mtn	0	1-Initiation & Feasibility	Jan-2020	8	48
V-L235-P1B-Stoddard Wells Rd	1	1-Initiation & Feasibility	Oct-2020	2	19
V-SL32-21-P1B ⁽⁴⁾	0	TBD	Mar-2021	19	47
V-SL33-120-P1B ⁽⁴⁾	1	TBD	May-2020	1	28
L324 Bundle-P1B ⁽⁵⁾				2	79
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	3	15
V-L324-P1B-Rice Road	1	1-Initiation & Feasibility	Jul-2020	50	59
V-L324-P1B-Sence Ranch	1	1-Initiation & Feasibility	Jul-2020	3	15
V-L324-P1B-Torrey Mountain	0	1-Initiation & Feasibility	Aug-2019	18	48
V-L324-P1B-Windy Gap & Salt Creek	1	1-Initiation & Feasibility	May-2020	17	46
V-L3000-P1B-Bagdad	0	1-Initiation & Feasibility	Jul-2020	8	54
V-L3000-P1B-Black Ridge	0	1-Initiation & Feasibility	Aug-2020	7	46
V-L3000-P1B-Eagle Peak	0	1-Initiation & Feasibility	Jan-2020	3	70
V-L3000-P1B-Kelbaker	0	1-Initiation & Feasibility	Jun-2020	2	32
V-L3000-P1B-Marble Mtn	0	1-Initiation & Feasibility	May-2020	7	46
V-L3000-P1B-Mercury Mtn	0	1-Initiation & Feasibility	Mar-2020	2	44
V-L3000-P1B-Piute	0	1-Initiation & Feasibility	Feb-2020	5	44
V-L3000-P1B-Route 66	0	1-Initiation & Feasibility	Apr-2020	5	43
43-121-P1B	2	2-Preliminary Design	Feb-2020	-	689
407 Sullivan Canyon-P1B	2	3-Detailed Design & Procurement	Mar-2019	7	903
V-L4000-P1B-Camp Rock Rd	1	2-Preliminary Design	Feb-2019	21	183
V-L4000-P1B-Powerline Rd	1	2-Preliminary Design	Jan-2019	23	177
V-L765-P1B-Abbot & Atlantic	1	2-Preliminary Design	Jun-2019	6	54
V-L765-P1B-Cypress & Arroyo Seco	3	1-Initiation & Feasibility	May-2019	2	46
V-L765-P1B-Farragut & Anaheim	1	1-Initiation & Feasibility	Aug-2019	6	47
V-L765-P1B-Linsley & Atlantic	1	2-Preliminary Design	Jun-2019	7	64
V-L85-P1B-Ed Pump	1	1-Initiation & Feasibility	Mar-2019	6	8
V-L85-P1B-Rising Canyon Rd	1	1-Initiation & Feasibility	Aug-2019	1	3
V-L85-P1B-Twisselman Rd	0	1-Initiation & Feasibility	Jul-2019	1	3
V-L800-P1B-Kettlemen Nevada	0	1-Initiation & Feasibility	Dec-2019	3	20
V-L800-P1B-Murphy Ranch Rd	0	1-Initiation & Feasibility	Dec-2019	2	4
V-L800-P1B-Lemoore Junction	2	1-Initiation & Feasibility	Feb-2020	4	4
L8109 Bundle-P1B ⁽⁴⁾	6	TBD	Jan-2021	71	144
V-Adelanto-P1B-Stoddard Wells	1	2-Preliminary Design	Mar-2019	3	149
V-Aviation-P1B-190th & Green	3	1-Initiation & Feasibility	Jun-2019	1	281

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

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Blythe Station 2	0	3-Detailed Design & Procurement	Jan-2019	34	432
V-Blythe-P1B-Chuckawalla ⁽⁴⁾	0	TBD	Dec-2020	2	9
V-Blythe-P1B-Desert Center Station ⁽⁴⁾	0	TBD	Nov-2020	2	10
V-Blythe-P1B-Ford Dry Lake ⁽⁴⁾	0	TBD	Jul-2020	2	9
V-Blythe-P1B-Hayfield Station ⁽⁴⁾	0	TBD	Aug-2020	1	7
V-Blythe-P1B-Shavers Summit ⁽⁴⁾	0	TBD	Oct-2020	2	9
Burbank & Lindley-P1B	3	1-Initiation & Feasibility	Apr-2020	44	132
V-Burbank-P1B-Valleyheart & Noble	3	2-Preliminary Design	Mar-2020	3	64
V-Burbank-P1B-Verdugo & Reese	3	2-Preliminary Design	Apr-2019	23	183
Cabazon-P1B	3	1-Initiation & Feasibility	Jan-2021	-	12
V-Carpinteria-P1B-Conoco	1	2-Preliminary Design	Aug-2019	11	283
Chestnut & Grand-P1B ⁽⁴⁾	4	TBD	Jul-2019	23	91
Del Amo / Wilmington-P1B	1	2-Preliminary Design	Sep-2019	4	364
V-El Segundo-P1B-Scattergood	4	3-Detailed Design & Procurement	Oct-2019	34	1,332
Glendale Bundle-P1B ⁽⁵⁾				-	127
V-Glendale-P1B-Adams	3	2-Preliminary Design	Feb-2019	13	100
V-Glendale-P1B-Glenoaks	2	2-Preliminary Design	Mar-2019	5	105
V-Glendale-P1B-Avenue 59	3	1-Initiation & Feasibility	Mar-2019	3	115
V-Goleta-P1B-Santa Rosa Rd Buellton	1	2-Preliminary Design	Apr-2019	26	160
V-Goleta-P1B-Farren Rd	1	2-Preliminary Design	Nov-2019	33	141
V-Goleta-P1B-Gaviota St Park	1	2-Preliminary Design	May-2019	17	438
V-Goleta-P1B-POPCO	1	2-Preliminary Design	Oct-2019	19	119
Haskell Station FM-P1B	1	1-Initiation & Feasibility	Mar-2020	2	12
Pico-P1B	3	2-Preliminary Design	Jan-2020	1	264
V-Santa Barbara-P1B-Cabrillo Bl	1	2-Preliminary Design	Aug-2020	2	44
V-Santa Barbara-P1B-Grove Ln	1	2-Preliminary Design	Apr-2019	14	142
V-SFV Bundle Olympic ⁽⁴⁾	9	TBD	Apr-2020	(1)	101
V-SFV Bundle Valencia ⁽⁵⁾				(114)	27
V-SFV Valencia-P1B-Encino and San Jose ⁽⁴⁾	1	TBD	Oct-2020	-	-
V-SFV Valencia-P1B-Balboa and Westbury	2	1-Initiation & Feasibility	Nov-2020	30	77
V-SFV Valencia-P1B-San Fernando Mission	1	1-Initiation & Feasibility	Apr-2020	32	103
V-SFV Valencia-P1B-Eternal Valley ⁽⁴⁾	2	TBD	Sep-2021	29	57
V-SFV Valencia-P1B-Wilbur	1	1-Initiation & Feasibility	Oct-2020	30	58
V-SFV Valencia-P1B-Woodley and Rinaldi ⁽⁴⁾	1	TBD	Oct-2020	41	49
Ventura Station Bundle-P1B ⁽⁴⁾	6	TBD	Jun-2019	9	13
V-Wstrn Del Rey Bdle-P1B-McLaughn & Palms	1	2-Preliminary Design	Jun-2019	15	110
Future Filing					
L1014 Brea	6	Closed	Nov-2015 A	0	6,420
L1014 Olympic	6	5-Close-Out	Feb-2016 A	3	6,692
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	0	561
V-L1017-P1B-Dyer	1	3-Detailed Design & Procurement	Oct-2018	53	859
V-L1018-P1B-Alipaz	1	4-Construction	May-2018 A	248	950
V-L1018-P1B-Avery	1	5-Close-Out	Feb-2018 A	270	1,010
V-L1018-P1B-Burt Bdl	2	4-Construction	Jul-2017 A	6	2,180
V-L1018-P1B-Camino Capistrano	1	3-Detailed Design & Procurement	Aug-2018	61	356
V-L1018-P1B-El Toro	1	3-Detailed Design & Procurement	Nov-2018	22	462
V-L1018-P1B-Harvard	3	4-Construction	Jul-2018 A	216	785
L 1020	1	Closed	Mar-2015 A	0	1,396
V-29 Palms-P1B-Indian Canyon	1	4-Construction	Oct-2017 A	2	1,091
V-29 Palms-P1B-Mohawk Trail	1	4-Construction	Feb-2018 A	4	742
V-29 Palms-P1B-Sunburst St	1	4-Construction	May-2018 A	90	1,242
V-29 Palms-P1B-Utah Trail	1	4-Construction	Jan-2018 A	3	1,084
L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,283
V-L225-P1B-Beartrap	1	5-Close-Out	May-2017 A	5	1,132
V-L225-P1B-Quail Canal	1	5-Close-Out	Jun-2017 A	3	1,121
235-335 East	2	5-Close-Out	Oct-2016 A	52	3,430
L2000 Beaumont 2015	3	Closed	Aug-2015 A	1	2,372
L2000 Beaumont 2016	4	4-Construction	Jun-2017 A	5	4,106
2001W Seg 10-11	1	Closed	Jan-2017 A	9	1,384
L2003 East	7	Closed	Sep-2015 A	-	3,909
L2003 West	6	Closed	Oct-2015 A	1	3,441
SL45-120 Section 2-P1B	1	5-Close-Out	Apr-2018 A	57	769
404 Ventura	4	Closed	Feb-2016 A	0	3,860
404-406 Valley	8	5-Close-Out	Sep-2015 A	32	9,016
404-406 Ventura 2016 Bundle	2	5-Close-Out	Oct-2016 A	-	853
V-404-406 Vent. 2016 P1B Somis Yard	1	5-Close-Out	May-2018 A	178	968
406 Ventura	5	Closed	Nov-2015 A	0	3,248
L4000 MP 45.36	1	Closed	Sep-2016 A	0	1,224
L4000 MP 53.00	3	Closed	May-2015 A	0	1,184
L4000 MP 69.00 MLV-P1B	1	3-Detailed Design & Procurement	Oct-2018	2	899
L4000 MP 80.08 MLV	3	Closed	May-2015 A	1	1,137
L4000 Victorville-P1B ⁽⁵⁾				-	0
V-L4000-P1B-Desert View Rd	1	2-Preliminary Design	Oct-2018	35	267
V-L4000-P1B-Devore Stn	2	2-Preliminary Design	Aug-2018	22	283

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
L6916-P1B	3	Closed	Nov-2016 A	0	2,433
Valve - L7000 Bundle-P1B	2	Closed	Sep-2016 A	0	1,518
V-L7000-P1B-Melcher & Elmo	3	4-Construction	Jun-2018 A	(32)	1,330
V-L7000-P1B-Beech & HWY 46	1	4-Construction	Mar-2018 A	559	2,837
V-L7000-P1B-Rd 68 & Ave 232	1	5-Close-Out	Jan-2018 A	6	1,705
V-L7000-P1B-Rd 96 & Ave 198	1	5-Close-Out	Oct-2017 A	33	1,857
V-L7000-P1B-Visalia Stn	2	4-Construction	Jul-2018 A	22	149
V-Adelanto-P1B-MLV4	1	5-Close-Out	Dec-2017 A	9	568
V-Adelanto-P1B-MLV17	1	2-Preliminary Design	Sep-2018	14	175
Apple Valley-P1B	1	4-Construction	May-2018 A	170	1,163
V-Apple Valley-P1B-MLV13	0	5-Close-Out	Nov-2017 A	4	271
Alhambra Station	3	Closed	Apr-2015 A	1	3,131
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	May-2016 A	5	6,585
V- Aviation-P1B-Aviation and 104th	5	5-Close-Out	Apr-2017 A	16	8,058
Banning 2001 ⁽⁵⁾	3	Closed	Apr-2016 A	0	1,148
V-Banning-2001-P1B-MLV16A	1	5-Close-Out	Oct-2017 A	18	988
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	1	1,082
V-Banning-2001-P1B-MLV17A	1	5-Close-Out	Apr-2018 A	18	1,104
Banning 5000	2	Closed	Oct-2015 A	0	2,139
Banning Airport	2	Closed	Apr-2015 A	0	990
Blythe (Cactus City)-P1B	1	4-Construction	Jul-2018 A	30	911
Brea Hacienda Bundle-P1B				-	167
V-Brea-P1B-Atwood Stn	3	5-Close-Out	Jul-2017 A	6	763
V-Brea-P1B-Azusa Ave	0	4-Construction	Mar-2018 A	8	322
V-Brea-P1B-Beach	1	2-Preliminary Design	Nov-2018	15	187
V-Brea-P1B-Brea Canyon	2	5-Close-Out	Oct-2017 A	8	1,113
V-Brea-P1B-Carbon Canyon	0	5-Close-Out	Sep-2017 A	17	355
V-Brea-P1B-Lincoln	1	2-Preliminary Design	Dec-2018	112	356
V-Brea-P1B-Placentia	4	1-Initiation & Feasibility	Dec-2018	20	148
V-Burbank-P1B-Riverside & Agnes	1	2-Preliminary Design	Oct-2018	14	160
V-Carpinteria-P1B-Oxy-Rincon	1	4-Construction	Apr-2018 A	98	945
Del Amo Station-P1B	3	4-Construction	Jan-2018 A	6	1,071
El Segundo	2	Closed	Apr-2015 A	0	6,618
Fontana Bundle - L4002	1	Closed	Jul-2015 A	0	1,111
Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	0	1,339
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	5-Close-Out	Sep-2017 A	2	3,048
V-Fontana 4002-P1B-Etiwand & 4th	1	5-Close-Out	Apr-2017 A	(56)	1,291
V-Glendale-P1B-Monterey	1	5-Close-Out	Feb-2018 A	17	397
Haynes Station	3	Closed	Nov-2016 A	0	1,421
Honor Ranch - L225	4	Closed	May-2016 A	(1)	1,189
Indio 2014	4	Closed	May-2015 A	0	2,461
Indio 2016-P1B ⁽⁵⁾	2	5-Close-Out	Aug-2017 A	26	1,075
V-Indio-2016-P1B-MLV10s	3	5-Close-Out	Oct-2017 A	35	1,521
V-Indio-2016-P1B-MLV8s	3	4-Construction	Jan-2018 A	20	1,520
Lampson	4	5-Close-Out	Apr-2015 A	14	8,255
New Desert	7	Closed	Oct-2014 A	-	9,260
Newhall Station	7	Closed	Jan-2015 A	8	13,623
Orange	3	Closed	Apr-2015 A	1	4,717
Palowalla-P1B	3	4-Construction	Feb-2018 A	255	4,157
Questar Taps	6	Closed	Sep-2015 A	-	1,608
Rainbow	10	Closed	May-2016 A	-	4,412
Riverside 2001	5	Closed	Oct-2015 A	-	2,110
Rainbow 2017	2	4-Construction	Jul-2018 A	7	735
V-Rainbow CV-P1B ⁽⁵⁾				7	150
V-Rainbow CV-P1B-Newport & Briggs	1	4-Construction	Jul-2018 A	145	213
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	3-Detailed Design & Procurement	Aug-2018	23	79
V-Rainbow CV-P1B-Ramona & Lakeview	2	4-Construction	Jul-2018 A	19	71
V-Rainbow CV-P1B-Scott & El Centro	2	3-Detailed Design & Procurement	Aug-2018	40	106
V-Rainbow-P1B-MLV5	3	2-Preliminary Design	Nov-2018	14	86
Santa Barbara - 1005	1	Closed	Mar-2015 A	-	416
V-SB County-P1B-Parsons	1	3-Detailed Design & Procurement	Dec-2018	15	477
V-SB County-P1B-Lions	1	4-Construction	Jul-2018 A	153	752
V-SB County-P1B-Park Ln	1	3-Detailed Design & Procurement	Dec-2018	14	558
Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	886
Spence Station-P1B	2	4-Construction	Dec-2017 A	6	1,097
Taft-P1B ⁽⁵⁾				0	25
V-Taft-P1B-Buttonwillow	1	5-Close-Out	Apr-2017 A	15	1,116
V-Taft-P1B-7th Standard	1	5-Close-Out	Sep-2017 A	6	1,184
V-Taft-P1B-Hageman & Runfro	2	3-Detailed Design & Procurement	Dec-2018	155	746
V-Taft-P1B-Sycamore	1	5-Close-Out	Aug-2017 A	13	1,174
Victorville COMMS-P1B ⁽⁵⁾				-	(0)
V-Victorville COMMS-P1B-MLV11	1	3-Detailed Design & Procurement	Aug-2018	4	232
V-Victorville COMMS-P1B-MLV12	1	5-Close-Out	Nov-2017 A	7	527
Wilmington-P1B ⁽⁵⁾				-	(0)

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

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
V-Wilmington-P1B Lecouver Ave & F St	3	2-Preliminary Design	Oct-2018	(1)	167
V-Wilmington-P1B Eubank Stn	2	4-Construction	Mar-2018 A	3	454
Western/Del Rey Bundle-P1B ⁽⁵⁾				-	3
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	5-Close-Out	Nov-2017 A	21	384
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	2-Preliminary Design	Dec-2018	14	58
Yorba Station-P1B ⁽⁴⁾	0	TBD	Jan-2022	0	13
Total SoCalGas Active Valve Projects⁽⁶⁾				4,402	234,076

Table 2 - SDG&E Active Valve Projects

Valve Project	No. of Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾ (Month-Year)	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Future Filing					
1600 Bundle	0	Closed	Dec-2014 A	-	288
1601 Ultrason	0	4-Construction	Apr-2018 A	8	114
3010 Bundle	0	Closed	Dec-2014 A	1	215
3100 and 2010 FM	2	5-Close-Out	Oct-2016 A	2	237
3600 Bundle	12	Closed	Mar-2015 A	1	4,394
49-11 & 49-27	1	5-Close-Out	Sep-2016 A	9	1,554
49-16 RCV	4	5-Close-Out	Aug-2017 A	6	1,771
49-18 MVH	1	5-Close-Out	Oct-2017 A	14	458
49-23	3	3-Detailed Design & Procurement	Sep-2018	29	301
49-28	1	Closed	Oct-2016 A	10	1,476
49-32-L RCV	1	5-Close-Out	Aug-2016 A	1	1,855
Total SDG&E Active Valve Projects				81	12,663

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. 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 project-to-date cost difference of approximately \$228K from the June 2018 to July 2018 Report is due to the following projects transferred from Table 1 – SoCalGas Active Valve Projects to Table 3 – SoCalGas Valve Projects remediated or removed:

- o V-L4000-P1B-Cajon Junction
- o V-Rainbow CV-P1B-Rancho California & Margarita
- o L247 Goleta-P1B
- o V-Goleta-P1B-More Ranch Rd

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
V-L115-P1B-Walnut	(49)	142
235-198.20	(4)	0
L247 Goleta-P1B	4	39
L2002-P1B	-	5
V-L37-18F	-	-
L4002 MP 67.00 MLV	-	361
L4002 MP 72.70-P1B	-	0
L4002 MP 86.44-FM-P1B	-	(0)
V-L4000-P1B-Cajon Junction	-	62
V-L765-P1B-Mission & Workman	-	(0)
V-L765-P1B-Fairmont & Faircourt	-	-
L85 Templin Highway MP 137.99-P1B	-	90
Blythe COMMs-P1B	-	-
V-Goleta-P1B-More Ranch Rd	(8)	122
Lampson Check Valves-P1B	-	13
Los Alamitos	206	206
Needles COMMs-P1B	-	19
Quigley Station	(0)	82
V-Rainbow CV-P1B-Rancho California & Margarita	(0)	0
Total SoCalGas Valve Projects Remediated or Removed	148	1,141

Table 3 - Project Footnotes:

(1) The project-to-date cost difference of approximately \$228K from the June 2018 to July 2018 Report is due to the following projects transferred from Table 1 – SoCalGas Active Valve Projects to Table 3 – SoCalGas Valve Projects remediated or removed:

- o V-L4000-P1B-Cajon Junction
- o V-Rainbow CV-P1B-Rancho California & Margarita
- o L247 Goleta-P1B
- o V-Goleta-P1B-More Ranch Rd

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

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	July 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
Total SoCalGas Records Review and Interim Safety Measure Costs	-	16,035

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

Cost Type	July 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
Total SDG&E Records Review and Interim Safety Measure Costs	-	1,172

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

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

Table 1 - SoCalGas Cost Summary

Cost Type	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Total Pipeline Project Costs	4,635	993,080
Active Pipeline Projects ^{A-L}	4,624	991,292
Remediated or Removed Pipeline Projects	11	1,788
Total Valve Project Costs	4,549	235,217
Active Valve Projects ^{A-D, G-L}	4,402	234,076
Remediated or Removed Valve Projects	148	1,141
Total Records Review and Interim Safety Measure Costs^{A-F}	0	16,035
Total Pipeline and Valve Other Costs	2,239	20,541
Methane Detectors	16	653
Communications ⁽¹⁾	-	(27)
Construction ⁽¹⁾	0	1,088
Engineering ⁽¹⁾	-	358
Training ⁽¹⁾	27	288
Gas Control ⁽¹⁾	-	1
Environmental ⁽¹⁾	-	2
Supply Management ⁽¹⁾	1,948	2,022
General Administration ⁽¹⁾	237	15,773
Program Management Office ⁽¹⁾	11	383
GRAND TOTAL SOCALGAS PSEP PROJECT COST	11,423	1,264,873

Table 2 - SDG&E Cost Summary

Cost Type	July 2018 Actuals (in \$1,000)	Project-to-Date Actuals (in \$1,000)
Total Pipeline Projects	941	321,593
Active Pipeline Projects ^{A-L}	941	321,593
Remediated or Removed Pipeline Projects	0	0
Total Valve Projects	81	12,663
Active Valve Projects ^{A-D, G-L}	81	12,663
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A-F}	0	1,172
Other Costs	128	2,569
Methane Detectors	-	104
Communications ⁽¹⁾	-	3
Construction ⁽¹⁾	-	0
Engineering ⁽¹⁾	(75)	22
Training ⁽¹⁾	-	0
Gas Control ⁽¹⁾	-	-
Environmental ⁽¹⁾	-	30
Supply Management ⁽¹⁾	200	1,519
General Administration ⁽¹⁾	3	892
Program Management Office ⁽¹⁾	-	0
GRAND TOTAL SDG&E PSEP PROJECT COST	1,150	337,998

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 July 2018 and project-to-date costs from May 2012 to July 2018.

(B) Project costs may 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 July 2018, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$8,314,514 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), and reflects approximately \$38.4 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the June 2018 to July 2018 report because amortization exceeds interest for the current month.

(F) As of July 2018, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$513 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 July 2018, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$60,079,930 which includes balancing account interest and reflects approximately \$72.6 million of amortization revenues to-date.

(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 July 2018, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$4,437,786 which includes balancing account interest and approximately \$5.0 million of amortization revenues to-date.

(J) As of July 2018, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$204,485,773 which includes balancing account interest and reflects approximately \$60.3 million of amortization revenues to-date.

(K) As of July 2018, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$54,439,209 which includes balancing account interest and approximately \$11.9 million of amortization revenues to-date.

(L) As of July 2018, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$8,205,406 which includes balancing account interest.