

May 2017 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 implemented.¹ Attached is the update for May 2017.

II. Current Status

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

Pipelines:

1. New construction activity began on 1 pipeline project
 - 36-9-09 North Section 4A (Shell Beach)
2. 11 pipeline projects are in Construction (Stage 5)
3. 9 pipeline projects are in Start Up/Turnover (Stage 6)
4. 36 pipeline projects are in Close-Out (Stage 7)

Valves:

1. No new construction activity for the month of May
2. 38 valve projects are in construction/turnover (Stages 5-6)
3. 7 valve projects are in Close-Out (Stage 7)

III. Costs

Actual costs tracked in SoCalGas and SDG&E's respective Regulatory Accounts are provided in Appendix A and Appendix C.

IV. Attachments

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

¹ D.12-04-021, mimeo., at 7 and 12 (Ordering Paragraph No. 4).

V. Notes

- Appendix A, SoCalGas/SDG&E Active Pipeline Projects Table, Footnote E & F:
The overall regulatory account balances have decreased from the April to May 2017 report because amortization exceeds interest for the current month.
- Appendix A, SoCalGas/SDG&E Active Pipeline Projects Table, Footnote G & I:
The overall regulatory account balances have decreased from the April to May 2017 report because amortization is greater than the expenditures and interest for the current month.
- Appendix A, SoCalGas/SDG&E Active Pipeline Projects Table, Footnote L:
The SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$5,219,801 which includes balancing account interest.
- Appendix A, SoCalGas Active Pipeline Projects Table, Footnote 14:
Project 43-121 North split into 3 individual projects named as "L43-121N-P1A-02", "L43-121N-P1A-03", and "L43-121N-P1A-04"
- Appendix B, SoCalGas Active Valve Projects Table, Footnote 20:
"Valve Santa Barbara Bundle-P1B" has been renamed to "Valve - Santa Barbara Bundle".
- Appendix B, SoCalGas Active Valve Projects Table, Footnote 21:
V-L1018 Bundle-P1B was split into 7 individual projects named as "V-L1018 Bundle-P1B", "V-L1018 Bundle-P1B-ALIPAZ", "V-L1018 Bundle-P1B-AVERY", "V-L1018 Bundle-P1B-BURT", "V-L1018 Bundle-P1B-CAMINO CAPIST", "V-L1018 Bundle-P1B-EL TORO", and "V-L1018 Bundle-P1B-HARVARD".
- Appendix B, SoCalGas Active Valve Projects Table, Footnote 22:
L115 Bundle-P1B was split into 4 individual projects named as "L115 Bundle-P1B", "L115 Bundle-P1B-Pierce", "L115 Bundle-P1B-Randall", and "L115 Bundle-P1B-Walnut".

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Active Projects Listing

| Pipeline - SoCalGas | | | | | | | |
|---|----------------------|----------------------|---|---------------------|---|-------------------------------|---|
| Pipeline Project | PSEP Filing Priority | Total Miles as Filed | Project Lifecycle Stage for May 2017 ⁽¹⁾ | Predominant Vintage | Construction Start Date (Est.) Reported in May 2017 | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
| 2000 ⁽²⁾ | 1 | 117.6 ⁽³⁾ | | 1947 | | | |
| 2000-A | | | Closed | | Jun-13 | - | 22,427 |
| 2000-Bridge | | | 3-Project Definition | | Jul-18 | 1 | 554 |
| 2000-West ⁽⁵⁾ | | | | | | | |
| 2000-West Section 1,2,3 | | | 7-Close-out | | Jul-14 | 3 | 23,213 |
| 2000-West Santa Fe Springs Sta. | | | 6-Start Up/Turnover | | Oct-16 | 180 | 8,184 |
| 2001 West ⁽³⁾ | 3 | 64.10 | | 1950 | | | |
| 2001 West - A | | | Closed | | Apr-14 | - | 745 |
| 2001 West - B ⁽⁵⁾ | | | | | | | |
| 2001 West-B Section 10,11,14 | | | Closed | | Aug-14 | 1 | 11,885 |
| 2001 West-B Section 17,18,19 | | | Closed | | Aug-15 | 5 | 4,556 |
| 2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽⁵⁾ | | | | | | | |
| 2000-C | | | 6-Start Up/Turnover | | Jan-17 | 1,853 | 11,028 |
| 2001 West - C | | | 4-Detailed Design | | Sep-17 | 79 | 1,587 |
| 2000-D ^(M) | | | 3-Project Definition | | Nov-17 | 87 | 1,583 |
| 2001 West - D | | | 3-Project Definition | | Dec-17 | 96 | 1,174 |
| 2000-E | N/A | N/A | 2-Selection | N/A | N/A | 4 | 2,093 |
| 2001 West -E | N/A | N/A | 2-Selection | N/A | N/A | (26) | 1,963 |
| 1005 | 4 | 3.50 | Closed | 1949 | Sep-14 | - | 5,820 |
| 2003 ⁽⁵⁾ | 6 | 26.50 | | 1949 | | | |
| 2003 | | | Closed | | Aug-14 | 3 | 8,802 |
| 2003 Section 2 | | | Closed | | Jul-15 | 69 | 2,779 |
| 407 | 7 | 6.30 | Closed | 1951 | Mar-14 | (2) | 6,380 |
| 406 ⁽⁵⁾ | 9 | 20.70 | | 1951 | | | |
| 406 Section 1,2,2A,4,5 | | | Closed | | Aug-14 | 4 | 9,685 |
| 406 Section 3 | | | Closed | | Jun-16 | (142) | 2,332 |
| 235 West | 10 | 3.10 | Closed | 1957 | Jun-14 | - | 3,406 |
| 1013 | 11 | 3.50 | Closed | 1954 | Jul-14 | - | 2,423 |
| 1015 | 12 | 7.85 | Closed | 1954 | Aug-14 | 4 | 2,470 |
| 1004 | 13 | 19.70 | 7-Close-out | 1944 | May-15 | (29) | 12,779 |
| 404 ⁽⁵⁾ | 14 | 37.80 | | 1949 | | | |
| 404 Section 1 | | | Closed | | Sep-15 | 24 | 2,496 |
| 404 Section 2 | | | Closed | | Sep-15 | 17 | 4,032 |
| 404 Section 2A | | | 6-Start Up/Turnover | | Mar-17 | 369 | 1,527 |
| 404 Section 3,7&8,8A | | | 7-Close-out | | Feb-14 | - | 2,341 |
| 404 Section 3A | | | 7-Close-out | | Aug-16 | 23 | 5,158 |
| 404 Section 4&5 | | | Closed | | Sep-15 | 13 | 6,495 |
| 404 Section 4A | | | 4-Detailed Design | | Jan-18 | 2 | 675 |
| 404 Section 9 | | | Closed | | Jun-16 | 19 | 1,750 |
| 44-137 | 15 | 1.00 | 7-Close-out | 1950 | Nov-14 | (24) | 23,874 |
| 2000-0.18-BO Crossover Piping ⁽⁴⁾ | | | 3-Project Definition | | Jul-18 | | |
| 2000-0.18-BO | 23 | 0.01 | | 1952 | | - | - |
| 2000-0.18-XO1 | 43 | 0.01 | | 1952 | | 0 | 283 |
| 2000-0.18-XO2 | 16 | 0.01 | | 1961 | | - | - |
| 1014 | 18 | 0.003 | Closed | 1959 | Oct-14 | - | 825 |
| 43-121 ⁽⁵⁾ | 22 | 4.41 | | 1930 | | | |
| 43-121 North ⁽¹⁴⁾ | | | 6-Start Up/Turnover | | Aug-16 | 305 | 15,891 |
| L43-121N-P1A-02 ⁽¹⁴⁾ | | | 5-Construction | | Apr-17 | 470 | 470 |
| L43-121N-P1A-03 ⁽¹⁴⁾ | | | 5-Construction | | Apr-17 | 330 | 330 |
| L43-121N-P1A-04 ⁽¹⁴⁾ | | | 4-Detailed Design | | Sep-17 | 80 | 80 |
| 43-121 South | | | 7-Close-out | | Aug-14 | 2,538 | 30,664 |
| 33-120 ⁽⁵⁾ | 24 | 1.25 | | 1940 | | | |
| 33-120 Section 1 | | | 4-Detailed Design | | Jul-17 | 145 | 2,724 |
| 33-120 Section 2 | | | Closed | | Jun-14 | - | 7,052 |
| 33-120 Section 3 | | | 4-Detailed Design | | Jun-17 | 92 | 1,881 |
| 45-120 ⁽⁵⁾ | 25 | 4.30 | | 1930 | | | |
| 45-120 Section 1 | | | Closed | | Mar-14 | - | 5,828 |
| 45-120 Section 2 | | | 5-Construction | | Sep-14 | 5,218 | 56,449 |
| 32-21 ⁽⁵⁾ | 26 | 10.23 | | 1948 | | | |
| 32-21 Section 1 | | | 7-Close-out | | May-15 | 12 | 9,083 |
| 32-21 Section 2 | | | 7-Close-out | | Jun-16 | 48 | 5,087 |
| 32-21 Section 3 | | | 7-Close-out | | Sep-16 | 286 | 3,488 |
| 41-6000-2 ⁽⁶⁾ | 27 | 39.95 | 7-Close-out | 1948 | Various | 45 | 79,626 |
| 36-9-09 North ⁽⁵⁾ | 29 | 16.02 | | 1932 | | | |
| 36-9-09 North Section 1 | | | 7-Close-out | | May-15 | (88) | 44,587 |
| 36-9-09 North Section 2A | | | 4-Detailed Design | | Jul-18 | - | 86 |
| 36-9-09 North Section 2B | | | Closed | | Jun-14 | - | 2,960 |
| 36-9-09 North Section 3 | | | 7-Close-out | | Dec-14 | (18) | 24,218 |
| 36-9-09 North Section 4 ⁽⁵⁾ | | | | | | 28 | 3,011 |
| 36-9-09 North Section 4A | | | 5-Construction | | May-17 | 60 | 589 |
| 36-9-09 North Section 4B | | | Closed | | Sep-14 | 4 | 5,480 |
| 36-9-09 North Section 5 ⁽⁵⁾ | | | | | | (83) | 1,654 |
| 36-9-09 North Section 5A | | | 7-Close-out | | Feb-16 | 49 | 10,851 |
| 36-9-09 North Section 5C | | | 7-Close-out | | Dec-16 | 317 | 6,362 |
| 36-9-09 North Section 6A | | | Closed | | Mar-15 | 1 | 2,697 |
| 36-9-09 North Section 6B | | | 3-Project Definition | | Nov-17 | 110 | 1,924 |
| 36-9-09 North Section 7A | | | 7-Close-out | | Sep-16 | 136 | 9,797 |
| 36-9-09 North Section 7B | | | 7-Close-out | | May-15 | 26 | 23,492 |

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Active Projects Listing

| Pipeline - SoCalGas | | | | | | | | |
|---------------------------------------|----------------------|----------------------|--|---------------------|---|-------------------------------|---|--|
| Pipeline Project | PSEP Filing Priority | Total Miles as Filed | Project Lifecycle Stage for May 2017 (1) | Predominant Vintage | Construction Start Date (Est.) Reported in May 2017 | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) | |
| 1011 | 36 | 5.14 | Closed | 1955 | Jul-14 | - | 2,418 | |
| 36-37 | 38 | 0.02 | Closed | 1970 | May-14 | - | 1,044 | |
| 42-66-1&2 ⁽⁹⁾ | | | Closed | | Oct-13 | | | |
| 42-66-1 | 40 | 0.04 | | 1947 | | - | 681 | |
| 42-66-2 | 41 | 0.03 | | 1947 | | - | - | |
| 37-18 ⁽⁵⁾ | 45 | 4.16 | | 1945 | | | | |
| 37-18 | | | 6-Start Up/Turnover | | Oct-14 | 1,847 | 44,127 | |
| 37-18 Section 5 | | | 5-Construction | | Apr-17 | - | - | |
| 37-18-F | 46 | 2.06 | 7-Close-out | 1946 | Aug-16 | 21 | 7,025 | |
| 37-18-K | 12 | 2.85 | 3-Project Definition | 1949 | May-18 | 48 | 684 | |
| 30-18 ⁽⁵⁾ | 47 | 2.58 | | 1943 | | | | |
| 30-18 Section 2 | | | 4-Detailed Design | | Oct-17 | 177 | 23,556 | |
| 30-18 Section 1 | | | 7-Close-out | | Jul-14 | 67 | 230 | |
| 30-18 Section 3 | | | 7-Close-out | | Oct-16 | 12 | 1,431 | |
| 44-654 | 50 | 0.01 | Closed | 1957 | Jun-14 | - | 1,825 | |
| 31-09 ⁽¹²⁾ | 52 | 12.81 | Closed | 1958 | Jul-15 | - | 47 | |
| 37-07 | 53 | 2.68 | 7-Close-out | 1945 | Sep-14 | 29 | 26,906 | |
| 33-121 (REPL) ⁽¹¹⁾ | 59 | 0.16 | 3-Project Definition | 1955 | Jun-18 | 71 | 1,458 | |
| 41-6001-2 | 63 | 0.005 | 3-Project Definition | 1967 | Sep-17 | 3 | 253 | |
| 36-1032 (REPL) ⁽¹¹⁾ | 64 | 1.54 | Closed | 1963 | May-14 | - | 10,008 | |
| 36-1032 Section 4 | N/A | N/A | 4-Detailed Design | 1963 | Jul-17 | 152 | 1,684 | |
| 41-30-A | 80 | 0.26 | Closed | 1940 | Jul-14 | - | 433 | |
| 41-30 ⁽¹³⁾ | 82 | 3.95 | N/A | 1953 | N/A | - | 33 | |
| 38-200 | 86 | 0.23 | 7-Close-out | 1948 | Apr-16 | 50 | 7,262 | |
| 45-120X01 | 87 | 0.01 | Closed | 1930 | Sep-13 | - | 750 | |
| 38-501 ⁽⁵⁾ | 89 | 1.98 | | 1952 | | | | |
| 38-501 Section 1 | | | Closed | | Jun-15 | 6 | 5,441 | |
| 38-501 Section 2 | | | 7-Close-out | | Aug-16 | 106 | 15,029 | |
| 36-1002 | 96 | 0.21 | 7-Close-out | 1928 | May-15 | (4) | 1,793 | |
| 44-687 | 99 | 0.23 | 7-Close-out | 1946 | Sep-14 | (5) | 5,162 | |
| 38-512 ⁽⁵⁾ | 106 | 4.78 | | 1939 | | | | |
| 38-512 | | | 7-Close-out | | Mar-15 | 3 | 26,983 | |
| 38-512 Section 3 | | | 4-Detailed Design | | Aug-17 | 33 | 261 | |
| 44-1008 Section 2B ⁽⁷⁾ | 107 | 10.06 | 4-Detailed Design | 1937 | Oct-17 | 59 | 1,394 | |
| 35-20-N | 113 | 0.010 | Closed | 1929 | Aug-14 | - | 231 | |
| 38-539 | 124 | 12.08 | Closed | 1964 | Oct-14 | - | 15,469 | |
| 38-556 | N/A | N/A | 3-Project Definition | N/A | N/A | 16 | 766 | |
| 36-9-21 | 126 | 5.06 | 4-Detailed Design | 1950 | Aug-17 | 96 | 1,450 | |
| 44-720 | 132 | 1.17 | 7-Close-out | 1947 | Jun-15 | 18 | 9,652 | |
| 41-116 | 142 | 0.006 | 6-Start Up/Turnover | 1957 | Oct-16 | - | 18 | |
| 225 | N/A | N/A | 4-Detailed Design | 1959 | Mar-18 | (38) | 1,646 | |
| 235W Sawtooth Canyon | N/A | N/A | Closed | 1957 | Oct-14 | - | 1,884 | |
| 38-931 | N/A | N/A | 7-Close-out | 1942 | Jan-17 | 162 | 6,515 | |
| 38-504 | N/A | N/A | 7-Close-out | 1952 | Sep-16 | 54 | 5,328 | |
| 38-514 ⁽⁵⁾ | N/A | N/A | | 1945 | | | | |
| 38-514 Section 1 | | | 7-Close-out | | May-16 | 30 | 1,775 | |
| 38-514 Section 2 | | | 7-Close-out | | Feb-16 | 19 | 11,694 | |
| 36-9-09 South | N/A | N/A | Closed | 1951 | Apr-16 | 11 | 2,077 | |
| 36-9-09-JJ | N/A | N/A | Closed | 1920 | Jun-16 | 21 | 1,707 | |
| 85 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | N/A | TBD | 54 | 3,783 | |
| 85 South Newhall | N/A | N/A | 7-Close-out | 1931 | Dec-14 | (22) | 8,605 | |
| 404-406 Somis Station ⁽¹⁰⁾ | N/A | N/A | 4-Detailed Design | 1951 | Feb-18 | 37 | 1,015 | |
| Storage ⁽⁶⁾ | - | 2.83 | | various | | | | |
| Playa Del Rey Phase 1&2 | | | Closed | | Aug-13 | - | 648 | |
| Playa Del Rey Phase 5 ⁽¹⁵⁾ | | | 7-Close-out | | Mar-15 | 0 | 1,921 | |
| Goleta | | | 4-Detailed Design | | Sep-17 | 22 | 419 | |
| 128-P1B-01 | | | 2-Selection | | Feb-18 | - | 42 | |
| 36-1001-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1925 | Mar-18 | - | 137 | |
| 36-1032-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1928 | May-18 | (0) | 286 | |
| PSEP-SL36-1032-P1B-11 | N/A | N/A | N/A | N/A | N/A | 18 | 473 | |
| PSEP-SL36-1032-P1B-12 | N/A | N/A | N/A | N/A | N/A | 6 | 555 | |
| PSEP-SL36-1032-P1B-13 | N/A | N/A | N/A | N/A | N/A | 29 | 595 | |
| PSEP-SL36-1032-P1B-14 | N/A | N/A | N/A | N/A | N/A | 36 | 545 | |
| 36-37-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1927 | May-18 | - | 182 | |
| PSEP-SL36-37-P1B-11 | N/A | N/A | N/A | N/A | N/A | (3) | 1,663 | |
| PSEP-SL36-37-P1B-12 | N/A | N/A | N/A | N/A | N/A | 97 | 1,166 | |
| 36-1002-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1928 | Jun-18 | 29 | 1,453 | |
| PSEP-SL36-1002-P1B-11 | N/A | N/A | N/A | N/A | N/A | - | (17) | |
| PSEP-SL36-1002-P1B-12 | N/A | N/A | N/A | N/A | N/A | - | (8) | |
| PSEP-SL36-1002-P1B-13 | N/A | N/A | N/A | N/A | N/A | - | (7) | |
| PSEP-SL36-1002-P1B-14 | N/A | N/A | N/A | N/A | N/A | - | (5) | |

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Active Projects Listing

| Pipeline - SoCalGas | | | | | | | | |
|--|----------------------|----------------------|--|---------------------|---|-------------------------------|---|--|
| Pipeline Project | PSEP Filing Priority | Total Miles as Filed | Project Lifecycle Stage for May 2017 (1) | Predominant Vintage | Construction Start Date (Est.) Reported in May 2017 | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) | |
| 43-121-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1930 | Oct-18 | 44 | 495 | |
| 45-1001-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1925 | Oct-18 | 16 | 439 | |
| 38-931-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1942 | Nov-18 | 4 | 87 | |
| 36-9-09N-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1920 | Mar-18 | 8 | 79 | |
| PSEP-SL36-9-09N-P1B-12 | N/A | N/A | | | | 11 | 774 | |
| PSEP-SL36-9-09N-P1B-14 | N/A | N/A | | | | 134 | 803 | |
| PSEP-SL36-9-09N-P1B-15 | N/A | N/A | | | | (2) | 720 | |
| PSEP-SL36-9-09N-P1B-16 | N/A | N/A | | | | 0 | 886 | |
| 38-101-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1921 | Apr-18 | 34 | 1,018 | |
| 38-960-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1928 | May-18 | - | 1,520 | |
| 44-1008-P1B-01 ⁽¹²⁾ | N/A | N/A | 2-Selection | 1937 | May-18 | 49 | 111 | |
| 38-143-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1939 | Nov-18 | 2 | 580 | |
| 38-1102-P1B-01 ⁽¹²⁾ | N/A | N/A | 2-Selection | 1938 | May-18 | (0) | 469 | |
| 7043-P1B-01 ⁽¹²⁾ | N/A | N/A | 1-Project Initiation | 1930 | Mar-18 | 4 | 117 | |
| 127-P1B-01 ⁽¹²⁾ | N/A | N/A | 2-Selection | 1944 | Apr-18 | (0) | 227 | |
| 1004-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1945 | Jul-18 | (0) | 484 | |
| 38-KWB-P1B-01 | N/A | N/A | 7-Close-out | Various | Oct-15 | (2) | 1,681 | |
| 38-514-P1B-01 ⁽¹²⁾ | N/A | N/A | 3-Project Definition | 1945 | Mar-18 | 11 | 428 | |
| 103-P1B-01 ⁽¹²⁾ | N/A | N/A | 2-Selection | 1941 | Jan-18 | 0 | 46 | |
| 41-17 | 57 | 3,580 | 6-Start Up/Turnover | 1955 | Sep-16 | - | 2,706 | |
| 235W-P2-01 | N/A | N/A | N/A | N/A | N/A | 18 | 61 | |
| Valves- SoCalGas | | | | | | 4,121 | 168,193 | |
| Methane Detectors | | | | | | - | 322 | |
| Communications * | | | | | | 8 | 20 | |
| Construction * | | | | | | 229 | 1,157 | |
| Engineering * | | | | | | 62 | 3,101 | |
| Training * | | | | | | 38 | 1,269 | |
| Gas Control * | | | | | | - | 78 | |
| Environmental * | | | | | | 4 | 427 | |
| Supply Management * | | | | | | 39 | 2,841 | |
| General Administration * | | | | | | 227 | 12,750 | |
| Program Management Office * | | | | | | 18 | 3,541 | |
| Total SoCalGas PSEP Pipeline and Valve Projects | | | | | | 21,183 | 1,032,692 | |

*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.

Overall Financial Notes:

- (A) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 2017.
- (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 May 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$30,597,661 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 \$16.1 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.
- (F) As of May 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$49,286 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). The overall SDG&E PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.
- (G) As of May 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$90,959,116 which includes balancing account interest and reflects approximately \$31.6 million of amortization revenues to-date. The overall SoCalGas SEEBA balance has decreased from the April to May 2017 report because amortization is greater than the expenditures 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 May 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,811,666 which includes balancing account interest and approximately \$2.2 million of amortization revenues to-date. The overall SDG&E SEEBA balance has decreased from the April to May 2017 report because amortization is greater than the expenditures and interest for the current month.
- (J) As of May 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$107,887,790 which includes balancing account interest and reflects approximately \$12.4 million of amortization revenues to-date.
- (K) As of May 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$22,857,033 which includes balancing account interest and approximately \$1.9 million of amortization revenues to-date.
- (L) As of May 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$5,219,801 which includes balancing account interest.

Project Footnotes:

- (1) Stage Categories: - These categories represent seven stages of a pipeline project's lifecycle: Stage 1 Project Initiation, Stage 2 Selection, Stage 3 Project Definition, Stage 4 Detailed Design/Procurement, Stage 5 Construction, Stage 6 Start-up/Turn-over, and Stage 7 Close-out.
- (2) L-2000, because of its length, will be remediated in four phases. 2000-A, 2000-Bridge, 2000-C and 2000-West. 2000-C has been regrouped with 2001 West-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."
- (3) 2001-West will be remediated as three projects: 2001 West-A, 2001 West-B, and 2001 West-C. This pipeline has been broken up into sections to report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability. 2001 West-C has been regrouped with 2000-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."
- (4) 2000-0.18-XO1, 2000-0.18-XO2, and 2000-0.18-BO have been combined and will be remediated as one project under "2000-0.18-BO Crossover Piping".
- (5) This pipeline has been broken up into separate projects for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.
- (6) There are numerous storage fields, with too many lines to distinguish predominant pipe diameter, vintage, %SMYS and construction start dates for each Storage line. However Storage field project stage and construction start will only be reported.
- (7) Project 44-1008 has been renamed to project "44-1008 Section 2B".
- (8) Per PSEP filing, the extension of existing L-6914 (6914 Ext) will allow for the abandonment of 41-6000-2. For the purpose of this appendix, both pipelines will be reported under 41-6000-2.
- (9) Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2".
- (10) Project "Somis Station" has been renamed to "404-406 Somis Station".
- (11) Project name has been changed to include "(REPL)" at the end of the project name.
- (12) Construction start dates and lifecycle stages for Phase 1B projects are as of March 2016 and may be forecasted to change pending final CPUC approval.
- (13) Project 41-30 is in the process of being descope.
- (14) Project 43-121 North has split into 3 individual projects named as "L43-121N-P1A-02", "L43-121N-P1A-03" and "L43-121N-P1A-04".

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Active Projects Listing

| Pipeline - SDG&E | | | | | | | |
|--|----------------------|----------------------|--|---------------------|---|-------------------------------|---|
| Pipeline Project | PSEP Filing Priority | Total Miles as Filed | Project Lifecycle Stage for May 2017 (1) | Predominant Vintage | Construction Start Date (Est.) Reported in May 2017 | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
| Line 1600 South | N/A | N/A | N/A | N/A | N/A | - | 444 |
| PSRP Line 1600/3602 ⁽¹⁷⁾ | N/A | 47.00 | 4-Detailed Design | | TBD | 584 | 18,906 |
| 49-28 | 1 | 4.89 | 5-Construction | 1932 | Sep-14 | 22 | 37,238 |
| 49-17 | 2 | 5.812 | | 1948 | | | |
| 49-17 East | | | 6-Start Up/Turnover | | Jun-15 | 88 | 53,940 |
| 49-17 West | | | 5-Construction | | Oct-14 | 992 | 20,036 |
| 49-25 | 4 | 2.278 | 7-Close-out | 1960 | Aug-14 | 13 | 21,492 |
| 49-32 (REPL) ⁽¹¹⁾ | 5 | 0.06 | Closed | 1950 | Jun-14 | 52 | 4,015 |
| 49-16 ⁽⁵⁾ | 6 | 9.590 | | 1955 | | | |
| 49-16 Pipeline | | | 5-Construction | | Mar-15 | (25) | 14,157 |
| 49-16 4th & Palm | | | 4-Detailed Design | | Aug-17 | (14) | 768 |
| 49-16 Gate Station | | | 4-Detailed Design | | Oct-17 | 4 | 684 |
| 49-11 | 7 | 6.30 | 7-Close-out | 1969 | Jun-15 | 5 | 5,255 |
| 49-26 ⁽¹⁸⁾ | 10 | 2.615 | 5-Construction | 1958 | Oct-14 | 38 | 30,840 |
| 49-14 | 14 | 2.45 | Closed | 1959 | Sep-14 | 0 | 4,048 |
| 49-15 ⁽⁵⁾ | 15 | 6.60 | | 1950 | | | |
| 49-15 (REPL) ⁽¹⁹⁾ | | | 5-Construction | | Nov-15 | 580 | 26,972 |
| 49-15 Transmission | | | 6-Start Up/Turnover | | Nov-15 | 12 | 6,223 |
| 49-22 | 16 | 4.04 | Closed | 1951 | Apr-14 | - | 4,055 |
| 49-13 | 18 | 3.46 | 7-Close-out | 1959 | Jul-15 | 324 | 23,195 |
| 49-32-L | N/A | 0.115 | 5-Construction | 1965 | Aug-16 | (11) | 4,918 |
| Valves | | | | | | 125 | 8,547 |
| Methane Detectors | | | | | | - | 104 |
| Communications * | | | | | | 5 | 5 |
| Construction * | | | | | | - | 107 |
| Engineering * | | | | | | 14 | 241 |
| Training * | | | | | | - | 0 |
| Gas Control * | | | | | | - | 11 |
| Environmental * | | | | | | 0 | 34 |
| Supply Management * | | | | | | - | 444 |
| General Administration * | | | | | | 37 | 1,205 |
| Program Management Office * | | | | | | - | 105 |
| Total SDG&E PSEP Pipeline and Valve Projects ⁽⁴⁾ | | | | | | 2,846 | 287,990 |

*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.

Overall Financial Notes:

- (A) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 2017.
- (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 May 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$30,597,661 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 \$16.1 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.
- (F) As of May 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRMA) reflects a balance of \$49,286 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). The overall SDG&E PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.
- (G) As of May 2017, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$90,959,116 which includes balancing account interest and reflects approximately \$31.6 million of amortization revenues to-date. The overall SoCalGas SEEBA balance has decreased from the April to May 2017 report because amortization is greater than the expenditures 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 May 2017, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,811,666 which includes balancing account interest and approximately \$2.2 million of amortization revenues to-date. The overall SDG&E SEEBA balance has decreased from the April to May 2017 report because amortization is greater than the expenditures and interest for the current month.
- (J) As of May 2017, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$107,887,790 which includes balancing account interest and reflects approximately \$12.4 million of amortization revenues to-date.
- (K) As of May 2017, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$22,857,033 which includes balancing account interest and approximately \$1.9 million of amortization revenues to-date.
- (L) As of May 2017, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$5,219,801 which includes balancing account interest.

Project Footnotes:

- (5) This pipeline has been broken up into separate projects for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.
- (11) Project name has been changed to include "(REPL)" at the end of the project name.
- (17) The Pipeline Safety and Reliability Project (PSRP) (Line 1600/3602) was previously added to Appendix A and is the subject of Application 15-09-013 for a Certificate of Public Convenience and Necessity, which was filed consistent with D. 14-06-007 and is pending Commission review. Line 85 North and Line 85 South have been added and combined in Appendix A as Line 85.

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Projects Remediated or Removed

| Pipeline Projects - SoCalGas | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|------------------------------|----------------------------------|---|
| Line 36-8-01 | - | - |
| Line 36-8-01-C | - | - |
| Line 36-8-06 | - | - |
| Line 36-9-06 | - | - |
| Line 36-9-06-A | - | - |
| Line 37-04 | - | - |
| Line 37-18 J | - | - |
| Line 38-508 | - | - |
| Line 38-516 | - | - |
| Line 38-523 | - | 55 |
| Line 38-528 | - | 22 |
| Line 38-552 | - | - |
| Line 38-959 | - | - |
| Line 41-116BP1 | - | 8 |
| Line 41-117 | - | - |
| Line 41-181 | - | 28 |
| Line 41-19 | - | - |
| Line 41-25 | - | 1 |
| Line 41-201 | - | 3 |
| Line 41-207BR1 | - | - |
| Line 41-35-1-KST2 | - | - |
| Line 41-80 | - | 41 |
| Line 44-719 | - | 1 |
| Line 1003 | - | - |
| Line 1003LT2 | - | - |
| Line 1017BP1 | - | - |
| Line 1017BP2 | - | - |
| Line 1017BP3 | - | - |
| Line 1017BR4 | - | - |
| Line 1017BR5 | - | - |
| Line 1017BR6 | - | - |
| Line 1017BR7 | - | - |
| Line 1018 | - | - |
| Line 1020 | - | 85 |
| Line 1024 | - | 2 |
| 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 169 | - | - |
| Line 235 East | - | 8 |
| Line 247 | - | 18 |
| Line 2001 East | - | 92 |
| Line 3000-261.73-BO | - | - |
| Line 3000-261.73-BR | - | - |
| Line 30-02 | - | - |
| Line 30-02-U | - | - |
| Line 30-09-A | - | - |
| Line 30-6200 | - | - |
| Line 30-32 | - | - |
| Line 30-6209 | - | - |
| Line 30-6292 | - | - |
| Line 30-6543 | - | - |
| Line 30-6799 | - | - |
| Line 30-6799BR1 | - | - |
| Line 317 | - | - |
| 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 36-1006 | - | - |
| Line 36-6588 | - | - |
| Line 36-7-04 | - | - |
| Line 36-9-21BR1 | - | - |

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Projects Remediated or Removed

| Pipeline Projects - SoCalGas | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|--|----------------------------------|---|
| Line 37-49 | - | - |
| Line 37-6180 | - | - |
| Line 38-351 | - | - |
| Line 408XO1 | - | - |
| Line 41-04-I | - | 8 |
| Line 41-05 | - | 4 |
| Line 41-05-A | - | - |
| Line 41-101 | - | - |
| Line 41-128 | - | - |
| Line 41-141 | - | - |
| Line 41-17-A2 | - | 4 |
| Line 41-17-F | - | (1) |
| Line 41-17-FST1 | - | - |
| Line 41-198 | - | - |
| Line 41-199 | - | - |
| Line 41-25-A | - | - |
| Line 41-55 | - | - |
| Line 41-83 | - | - |
| Line 41-84 | - | - |
| Line 41-84-A | - | - |
| Line 41-90 | - | - |
| Line 41-6045 | - | 48 |
| Line 41-6501 | - | - |
| Line 42-12 | - | - |
| Line 42-46 | - | - |
| Line 42-46-F | - | - |
| Line 42-57 | - | - |
| Line 43-1106 | - | - |
| Line 43-34 | - | - |
| Line 45-163 | - | 1 |
| Line 53 | - | - |
| Line 6100 | - | - |
| Line 765-8.24-BO | - | - |
| Line 765BR4 | - | - |
| Line 775 | - | - |
| Line 775BO1 | - | - |
| Line 8107 | - | - |
| Line 4000 | - | - |
| Total SoCalGas PSEP Pipeline Projects - Remediated or Removed | - | 460 |

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix A - Projects Remediated or Removed

| Pipeline Projects -SDG&E | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|---|----------------------------------|---|
| Line 49-18 | - | - |
| Line 49-19 | - | - |
| Line 49-27 | - | - |
| Line 49-32 (Test) | - | - |
| Total SDG&E PSEP Pipeline Projects - Remediated or Removed | - | - |

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix B - Active Valve Projects List

Valves-SoCalGas

| Valve Projects | May-17 No. of Valves ⁽¹⁾ | Project Lifecycle Stage for May 2017 ⁽¹⁾ | Construction Start Date (Est.) Reported in May-17 | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|--|-------------------------------------|---|---|-------------------------------|---|
| Bain Street Station | 2 | Closed | Dec-13 | - | 883 |
| Chino Station | 5 | Closed | Dec-13 | - | 997 |
| Moreno Small | 2 | Closed | Jan-14 | - | 710 |
| Prado Station | 5 | Closed | Jan-14 | - | 1,207 |
| Haskell Station | 2 | Closed | Jan-14 | - | 698 |
| Moreno Large | 1 | Closed | Jan-14 | - | 505 |
| Whitewater Station | 3 | Closed | Mar-14 | - | 702 |
| Santa Fe Springs | 3 | Closed | Mar-14 | - | 723 |
| Arrow & Haven | 1 | Closed | May-14 | - | 965 |
| 235 - 335 Palmdale | 6 | Closed | Jun-14 | - | 6,771 |
| Puente Station | 2 | Closed | Jan-14 | - | 16 |
| Brea Station-1013 | 1 | Closed | Oct-14 | - | 240 |
| Newhall Station | 7 | Stage 5-6 Construction / Turnover | Jan-15 | 383 | 13,428 |
| 407 Sullivan Canyon-P1B ⁽⁷⁾⁽¹²⁾ | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | (33) | 830 |
| Victoria Station | 4 | Closed | Dec-14 | - | 1,533 |
| Alhambra Station | 3 | Stage 7 Close-out / Reconciliation | Apr-15 | - | 3,036 |
| Pixley Station | 3 | Closed | Nov-14 | - | 1,339 |
| 2001W Seg 10-11-P1B ⁽¹²⁾ | 1 | Stage 5-6 Construction / Turnover | Jan-17 | 155 | 931 |
| SGV | 3 | Stage 7 Close-out / Reconciliation | Feb-15 | (8) | 5,014 |
| Lampson | 4 | Stage 5-6 Construction / Turnover | Apr-15 | 70 | 7,762 |
| Blythe ⁽³⁾ | | | | | |
| Blythe (Cactus City)-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-18 | 1 | 846 |
| Blythe Station 2 | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Nov-17 | 1 | 328 |
| Banning Airport | 2 | Stage 7 Close-out / Reconciliation | Apr-15 | 112 | 1,907 |
| Orange | 3 | Closed | Apr-15 | (78) | 4,993 |
| Palowalla-P1B ⁽¹²⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Oct-17 | (71) | 1,342 |
| L 1020 | 1 | Closed | Mar-15 | 6 | 1,293 |
| New Desert | 7 | Stage 5-6 Construction / Turnover | Oct-14 | (27) | 8,841 |
| El Segundo | 6 | Stage 5-6 Construction / Turnover | Apr-15 | 32 | 7,063 |
| 404-406 Valley | 7 | Stage 5-6 Construction / Turnover | Sep-15 | 463 | 4,976 |
| Indio ⁽⁴⁾ | | | | | |
| Indio 2014 | 4 | Closed | May-15 | 1 | 2,251 |
| Indio 2016-P1B ⁽¹²⁾ | 6 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Mar-18 | 103 | 909 |
| 235-198.20 ⁽⁶⁾ | N/A | N/A | N/A | - | 1 |
| L1004 MP 15.27 Carpinteria-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-19 | - | 104 |
| Santa Barbara - 1005 ⁽¹⁰⁾ | 1 | Closed | Mar-15 | 0 | 405 |
| L4000 MP 45.36 ⁽⁹⁾ | 1 | Stage 5-6 Construction / Turnover | Sep-16 | 33 | 1,228 |
| L4000 MP 53.00 ⁽⁸⁾ | 3 | Stage 7 Close-out / Reconciliation | May-15 | 9 | 1,855 |
| L4000 MP 69.00 MLV-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Nov-17 | (51) | 555 |
| L4000 MP 80.08 MLV | 3 | Stage 7 Close-out / Reconciliation | May-15 | 3 | 1,285 |
| L4002 MP 67.00 MLV ⁽⁶⁾ | N/A | N/A | N/A | - | 437 |
| L1014 Brea | 6 | Stage 5-6 Construction / Turnover | Nov-15 | 27 | 6,219 |
| L1014 Olympic | 6 | Stage 5-6 Construction / Turnover | Feb-16 | (108) | 6,549 |
| L2003 East | 7 | Stage 5-6 Construction / Turnover | Sep-15 | 106 | 3,885 |
| Banning 2001 | 6 | Stage 5-6 Construction / Turnover | Apr-16 | 164 | 2,119 |
| Questar Taps | 6 | Stage 7 Close-out / Reconciliation | Sep-15 | (167) | 2,979 |
| Quigley Station ⁽⁶⁾ | N/A | N/A | N/A | - | 29 |
| Riverside 2001 | 5 | Stage 5-6 Construction / Turnover | Oct-15 | 23 | 2,015 |
| Aviation | 10 | Stage 5-6 Construction / Turnover | May-16 | 1,065 | 9,576 |
| 404 Ventura | 4 | Stage 5-6 Construction / Turnover | Feb-16 | (6) | 3,687 |
| 406 Ventura | 5 | Stage 5-6 Construction / Turnover | Nov-15 | 11 | 3,531 |
| Honor Ranch - L225 | 5 | Stage 5-6 Construction / Turnover | May-16 | 46 | 3,944 |
| Los Alamitos ⁽⁶⁾ | N/A | N/A | N/A | - | 239 |
| Haynes Station | 3 | Stage 5-6 Construction / Turnover | Nov-16 | 12 | 1,279 |
| Fontana MLVs 4000-4002 | 3 | Stage 5-6 Construction / Turnover | Oct-16 | 215 | 2,047 |
| Fontana Bundle - L4002 | 1 | Stage 7 Close-out / Reconciliation | Jul-15 | - | 1,058 |
| SL45-120 Section 2-P1B ⁽⁵⁾⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Mar-18 | 7 | 230 |
| 235-335 East | 2 | Stage 5-6 Construction / Turnover | Oct-16 | 625 | 2,903 |
| L1017-P1B ⁽¹²⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-17 | 43 | 518 |
| L1018-P1B ⁽¹²⁾⁽²¹⁾ | 1 | Stage 5-6 Construction / Turnover | Oct-16 | 1 | 705 |
| V-L1018 Bundle-P1B-ALUPAZ ⁽²¹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | 6 | 145 |
| V-L1018 Bundle-P1B-AVERV ⁽²¹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | 6 | 91 |

| | | | | | |
|--|----|---|--------|------|-------|
| V-L1018 Bundle-P1B-BURT ⁽²¹⁾ | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | 10 | 143 |
| V-L1018 Bundle-P1B-CAMINO CAPIST ⁽²¹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | 1 | 68 |
| V-L1018 Bundle-P1B-EL TORO ⁽²¹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | 13 | 117 |
| V-L1018 Bundle-P1B-HARVARD ⁽²¹⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | 2 | 206 |
| L2000 Beaumont Riverside ⁽¹¹⁾ | | | | | |
| L2000 Beaumont 2015 ⁽¹⁷⁾ | 3 | Stage 5-6 Construction / Turnover | Aug-15 | 118 | 3,173 |
| L2000 Beaumont 2016 ⁽¹⁷⁾ | 4 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jun-17 | - | - |
| L7000-P1B ⁽¹²⁾⁽¹⁹⁾ | | | | - | 0 |
| Valve - L7000 Bundle-P1B | 2 | Stage 5-6 Construction / Turnover | Sep-16 | 2 | 2,099 |
| V-L7000-P1B-Melcher & Elmo | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | (11) | 26 |
| V-L7000-P1B-Beech & HWY 46 | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Dec-17 | 1 | 3 |
| V-L7000-P1B-Road 68 & Ave 232 | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-17 | 1 | 2 |
| V-L7000-P1B-Road 96 & Ave 198 | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-18 | (17) | 46 |
| V-L7000-P1B-Visalia Stn | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | 2 | 2 |
| Taft-P1B ⁽¹²⁾⁽¹⁷⁾ | 5 | Stage 5-6 Construction / Turnover | Apr-17 | 199 | 1,401 |
| Rainbow Bundle ⁽¹⁹⁾ | | | | | |
| Rainbow | 10 | Stage 5-6 Construction / Turnover | May-16 | 21 | 4,788 |
| Rainbow 2017 | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Sep-17 | 10 | 50 |
| L2003 West | 6 | Stage 5-6 Construction / Turnover | Oct-15 | 8 | 3,315 |
| Cabazon-P1B ⁽¹²⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Nov-18 | - | 11 |
| Banning 5000 | 2 | Stage 5-6 Construction / Turnover | Oct-15 | 15 | 2,075 |
| L85 Templin Highway MP 137.99-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | May-19 | 3 | 86 |
| 43-121-P1B ⁽¹²⁾ | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Mar-18 | 46 | 478 |
| Adelanto-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | 39 | 54 |
| Apple Valley-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Dec-17 | 22 | 350 |
| Burbank & Lindley-P1B ⁽¹²⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-19 | - | 27 |
| Blythe COMMs-P1B ⁽¹²⁾ | 0 | Stage 1 Project Initiation | Jun-18 | (0) | 8 |
| Del Amo Station-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Sep-18 | 12 | 66 |
| Del Amo / Wilmington-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-18 | 6 | 225 |
| Haskell Station FM-P1B ⁽¹²⁾⁽¹³⁾ | 1 | N/A | Feb-18 | - | 8 |
| L2002-P1B ⁽¹²⁾⁽⁶⁾ | 0 | N/A | N/A | - | 5 |
| L4000 Victorville-P1B ⁽¹²⁾⁽¹⁹⁾ | | | | 3 | 127 |
| V-L4000-P1B-Cajon Junction | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | 3 | 4 |
| V-L4000-P1B-Camp Rock Rd | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | 4 | 5 |
| V-L4000-P1B-Desert View Rd | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | 2 | 3 |
| V-L4000-P1B-Devore Stn | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-19 | 10 | 11 |
| V-L4000-P1B-Powerline Rd | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | 4 | 5 |
| L6916-P1B ⁽¹²⁾ | 3 | Stage 5-6 Construction / Turnover | Nov-16 | 185 | 2,755 |
| V-29 Palms-P1B-Indian Canyon ⁽¹⁹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | May-18 | 0 | 2 |
| V-29 Palms-P1B-Mohawk Trail ⁽¹⁹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Oct-17 | 0 | 2 |
| V-29 Palms-P1B-Sunburst St ⁽¹⁹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-17 | 1 | 2 |
| V-29 Palms-P1B-Utah Trail ⁽¹⁹⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Sep-17 | 0 | 2 |
| Needles COMMs-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-18 | 3 | 8 |
| Pico-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-18 | 4 | 99 |
| Wilmington-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jun-19 | 1 | 221 |
| L4002 MP 72.70-P1B ⁽¹²⁾⁽¹³⁾ | 0 | N/A | Sep-19 | - | 4 |
| Brea Hacienda Bundle-P1B ⁽¹²⁾⁽¹⁹⁾ | | | | 20 | 167 |
| V-Brea-P1B-Atwood Stn | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-17 | 9 | 11 |
| V-Brea-P1B-Azusa Ave | 0 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-18 | 0 | 1 |
| V-Brea-P1B-Beach | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Nov-18 | 1 | 1 |
| V-Brea-P1B-Brea Canyon | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Dec-17 | 1 | 3 |
| V-Brea-P1B-Carbon Canyon | 0 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Sep-17 | 3 | 5 |
| V-Brea-P1B-Lincoln | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-18 | 1 | 1 |
| V-Brea-P1B-Placentia | 4 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Dec-18 | 0 | 1 |
| L4002 MP 86.44-FM-P1B ⁽¹²⁾⁽¹³⁾ | 1 | N/A | Jul-18 | - | 14 |
| Yorba Station-P1B ⁽¹²⁾⁽¹³⁾ | 1 | N/A | Jan-19 | 2 | 7 |
| Lampson Check Valves-P1B ⁽¹³⁾ | 0 | Stage 1 Project Initiation | Aug-18 | - | 4 |
| L324 Bundle-P1B ⁽¹³⁾ | 7 | N/A | Mar-19 | - | 6 |
| 235-335 West Bundle-P1B ⁽¹³⁾ | 7 | N/A | Mar-19 | - | 22 |
| Glendale Bundle-P1B ⁽¹³⁾⁽¹⁹⁾ | | | | 11 | 129 |
| V-Glendale-P1B-Adams | 3 | N/A | Feb-19 | 0 | 1 |
| V-Glendale-P1B-Monterey | 2 | N/A | Feb-18 | 1 | 1 |
| V-Glendale-P1B-Glenoaks | 2 | N/A | Dec-18 | 0 | 0 |
| V-Glendale-P1B-Avenue 59 | 3 | N/A | Mar-19 | 1 | 1 |
| Western/Del Rey Bundle-P1B ⁽¹³⁾ | 9 | N/A | May-19 | 7 | 14 |
| L8109 Bundle-P1B ⁽¹³⁾ | 6 | N/A | May-19 | - | 3 |
| Sepulveda Station-P1B ⁽¹⁵⁾ | 2 | Stage 5-6 Construction / Turnover | Sep-16 | 43 | 849 |
| Victorville COMMs-P1B ⁽¹²⁾ | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Oct-17 | 10 | 219 |
| Ventura Station Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁶⁾ | 6 | N/A | Jun-20 | 0 | 4 |
| Chestnut & Grand-P1B ⁽¹³⁾ | 4 | N/A | Mar-18 | 1 | 6 |
| L247 Goleta-P1B ⁽¹²⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Apr-18 | 0 | 26 |
| 404-406 Ventura 2016 Bundle | 3 | Stage 5-6 Construction / Turnover | Oct-16 | 48 | 854 |
| L225 Bundle-P1B ⁽¹²⁾ | 5 | Stage 5-6 Construction / Turnover | Aug-16 | - | - |
| SB County Bundle-P1B ⁽¹²⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-18 | 40 | 757 |
| Spence Station-P1B ⁽¹²⁾⁽¹⁷⁾ | 3 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Nov-17 | 6 | 112 |

| | | | | | |
|--|-----|---|--------|--------------|----------------|
| Carpenteria Bundle-P1B ⁽¹²⁾⁽¹⁶⁾⁽¹⁹⁾ | | | | - | - |
| V-Carpenteria-P1B-Conoco | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Sep-18 | - | 19 |
| Valve - Carpenteria Bundle-P1B | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Aug-18 | - | 13 |
| Santa Barbara Bundle-P1B ⁽¹²⁾⁽¹⁹⁾ | | | | - | - |
| Valve - Santa Barbara Bundle ⁽²⁰⁾ | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | (0) | 14 |
| V-Santa Barbara-P1B-Grove Lane | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-19 | 0 | 21 |
| Goleta Bundle-P1B ⁽¹²⁾⁽¹⁹⁾ | | | | - | - |
| V-Goleta-P1B-Santa Rosa Rd Buellton | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Apr-19 | 0 | 31 |
| V-Goleta-P1B-Farren Rd | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jan-19 | (0) | 15 |
| Valve - Goleta Bundle-P1B | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-19 | 1 | 3 |
| V-Goleta-P1B-POPCO | 1 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Feb-19 | - | 12 |
| V-Goleta-P1B-More Ranch | 2 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Mar-19 | 0 | 17 |
| L115 Bundle-P1B ⁽¹²⁾⁽¹³⁾⁽¹⁷⁾⁽²²⁾ | 3 | N/A | Jan-19 | 0 | 21 |
| V-L115 Bundle-P1B-Pierce ⁽²²⁾ | 3 | N/A | Feb-19 | 0 | 20 |
| V-L115 Bundle-P1B-Randall ⁽²²⁾ | 3 | N/A | Mar-19 | 4 | 22 |
| V-L115 Bundle-P1B-Walnut ⁽²²⁾ | 3 | N/A | Apr-19 | 0 | 26 |
| Burbank Bundle-P1B ⁽¹²⁾⁽¹³⁾ | N/A | N/A | N/A | 2 | 2 |
| Total SoCalGas Valves | | | | 4,121 | 168,193 |

Valves-SDG&E

| Valve Projects | Valves ⁽¹⁾ | Project Lifecycle Stage for May 2017 ⁽¹⁾ | Reported in May-17 | (in \$1,000) | of May 2017 |
|----------------------------------|-----------------------|---|--------------------|---------------|--------------|
| 3010 Bundle | 0 | Stage 5-6 Construction / Turnover | Dec-14 | 1 | 127 |
| 1600 Bundle | 0 | Stage 5-6 Construction / Turnover | Dec-14 | 3 | 237 |
| 3600 Bundle | 12 | Stage 5-6 Construction / Turnover | Mar-15 | 32 | 3,963 |
| 49-11 | 1 | Stage 5-6 Construction / Turnover | Sep-16 | 40 | 1,347 |
| 49-15 Transmission | 2 | Stage 5-6 Construction / Turnover | Nov-15 | - | - |
| 49-16 RCV ⁽¹⁴⁾ | 5 | Stage 2-4 Engineering & Planning / Contract Bidding & Procurement | Jul-17 | | |
| 49-16 RCV (4th & Palm) | | | | 1 | 16 |
| 49-16 RCV (La Mesa Gate) | | | | 0 | 23 |
| 49-16 RCV (Mass&Main) | | | | 5 | 172 |
| 49-32-L RCV | 1 | Stage 5-6 Construction / Turnover | Aug-16 | 35 | 1,723 |
| 49-28 | 1 | Stage 5-6 Construction / Turnover | Oct-16 | 6 | 732 |
| 3100 and 2010 FM ⁽¹⁸⁾ | 2 | Stage 5-6 Construction / Turnover | Oct-16 | 2 | 207 |
| Total SDG&E Valves | | | | 125 | 8,547 |

Overall 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) Stage Categories: categories represent the stage of a valve project's lifecycle. Stage 1 Project Initiation, Stage 2-4 Engineering & Planning/ Contract Bidding & Procurement, Stage 5-6 Construction/ Turnover, and Stage 7 Close-out/ Reconciliation.
- (3) The original Blythe Bundle included 4 valves. Due to permit constraints, this original bundle has been regrouped into Blythe (Cactus City) and Blythe Station 2. Each new bundle will have separate schedules.
- (4) The original Indio Bundle included 12 valves. Due to permit constraints, this original bundle has been regrouped into Indio 2014 and Indio 2016. Each new bundle will have separate schedules.
- (5) Valve Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2".
- (6) Valve Project is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.
- (7) Valve Bundle "407 San Vicente" has been renamed to "407 Sullivan Canyon".
- (8) Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00".
- (9) Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36".
- (10) Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005".
- (11) Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".
- (12) Projects have been moved to Phase 1B and have been renamed to include "P1B".
- (13) New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.
- (14) Valve Bundles "49-16 RCV (4th & Palm)", "49-16 RCV (La Mesa Gate)", and "49-16 RCV (Mass&Main)" have been regrouped as one valve bundle "49-16 RCV".
- (15) Valve bundle "Willow Station" has been renamed to "Sepulveda Station" bundle.
- (16) Valve bundle "Carpenteria Bundle-P1B" has been renamed to "Carpenteria Bundle-P1B" bundle. Valve bundle "Ventura Bundle-P1B" has been renamed "Ventura Station Bundle-P1B".
- (17) The number of valves has changed due to a change in project requirements.
- (18) Valve Project 3011 and 2010 name has been corrected to "3100 and 2010 FM".
- (19) This valve has been broken up into separate projects for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.
- (20) "Valve Santa Barbara Bundle-P1B" has been renamed to "Valve - Santa Barbara Bundle".
- (21) V-L1018 Bundle-P1B was split into 7 individual projects named as "V-L1018 Bundle-P1B", "V-L1018 Bundle-P1B-ALIPAZ", "V-L1018 Bundle-P1B-AVERY", "V-L1018 Bundle-P1B-BURT", "V-L1018 Bundle-P1B-CAMINO CAPIST", "V-L1018 Bundle-P1B-EL TORO", and "V-L1018 Bundle-P1B-HARVARD".
- (22) L115 Bundle-P1B was split into 4 individual projects named as "L115 Bundle-P1B", "L115 Bundle-P1B-Pierce", "L115 Bundle-P1B-Randall", and "L115 Bundle-P1B-Walnut".

SoCalGas and SDGE PSEP Project Status Report to the Commission for May 2017

Appendix C - Records Review and Interim Safety Measure Costs

| SoCalGas | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|--|-----------------------------------|---|
| Leak Survey and Pipeline Patrol | - | 684 |
| Records Review | - | 14,707 |
| Pressure Protection Equipment | - | 196 |
| Other Remediation | - | 447 |
| Total SCG Records Review and Interim Safety Measure Costs | - | 16,035 |

| SDGE | May 2017 Actuals (in \$1,000) | Project-to-Date as of May 2017 (in \$1,000) |
|---|-----------------------------------|---|
| Leak Survey and Pipeline Patrol | - | 70 |
| Records Review | - | 1,098 |
| Pressure Protection Equipment | - | 3 |
| Other Remediation | - | 1 |
| Total SDGE Records Review and Interim Safety Measure Costs | - | 1,172 |

Overall Footnotes:

(A) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 2017.

(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 May 2017, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$30,597,661 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 \$16.1 million of amortization revenues to-date. The overall SoCalGas PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.

(F) As of May 2017, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account (PRMA) reflects a balance of \$49,286 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). The overall SDG&E PSRMA balance has decreased from the April to May 2017 report because amortization exceeds interest for the current month.