



Rafaela Diaz
Regulatory Case Manager
Regulatory Affairs
555 West Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.2716
Fax: 213.244.4957
Rdiaz@socalgas.com

February 26, 2021

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

Mr. Leslie Palmer
Director, Safety and Enforcement Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

**RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline
Safety Enhancement Plan Status Report - January 2021**

Dear Mr. Randolph and Mr. Palmer:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for January 2021 as required per Decision (D.)12-04-021. Decision 12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission's Energy Division (ED) and Safety and Enforcement Division (SED) as our plan is implemented.

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

Sincerely,

/s/ Rafaela Diaz

Rafaela Diaz
Regulatory Case Manager

Attachment

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

January 2021 PSEP Update

I. Introduction

Decision (D.)12-04-021 directs Southern California Gas (SoCalGas) and San Diego Gas & Electric (SDG&E) to provide monthly Pipeline Safety Enhancement Plan (PSEP) updates to the Commission's Energy Division and Safety and Enforcement Division as the plan is implemented.¹ Attached is the update for January 2021.

II. Current Project Status

SoCalGas and SDG&E have undertaken the following PSEP-related activities for the month of January 2021:

Pipelines (Appendix A):

- 1 new construction activity (Stage 4)
 - PSEP-L2000-P2-Blythe to Cactus Test
- 6 pipeline projects are in construction (Stage 4)
- 27 pipeline projects are in close-out (Stage 5)

Valves (Appendix B):

- 1 new construction activity began on one valve project (Stage 4)
 - PSEP-V-Goleta-GRC-Popco
- 12 valve projects are in construction (Stage 4)
- 24 valve projects are in close-out (Stage 5)

III. Costs

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

IV. Attachments

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

V. Notes

- **Appendix A SoCalGas Active Pipeline Projects Table 1:**

The following project has been moved from "Future Filing" to "2019 GRC Application (A.17-10-008)":

- 235E-North Needles Repl
- 235E-Newberry Springs Repl

"2019 GRC Application (A.17-10-008)", Footnote 15:

- Project approved for acceleration through Commission approval of Advice Letter 5617

1 New Pipeline Project has been added to "Future Filings," Footnote 16:

- New Pipeline Project currently being initiated. TBD represents that the Project scope, stage, and/or construction start date information will be available at a later date.

¹ D.12-04-021 at 7 and 12 (Ordering Paragraph 4).

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

Table 1 - SoCalGas Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
PSRMA Application (A.14-12-016)						
2000-A	15.42	Closed	1947	Jul-2013 A	-	26,490
42-66-1&2	0.06	Closed	1947	Oct-2013 A	-	830
Playa Del Rey Phase 1&2	0.13	Closed	1955	Mar-2013 A	-	1,001
2016 Reasonableness Review Application (A.16-09-005)						
1005	0.03	Closed	1951	Sep-2014 A	-	6,476
1011	0.08	Closed	1947	Jul-2014 A	-	2,657
1013	0.03	Closed	1956	Jul-2014 A	-	2,738
1014	0.00	Closed	1959	Oct-2014 A	-	928
1015	0.43	Closed	1954	Aug-2014 A	-	5,743
235 West	0.01	Closed	1957	Jun-2014 A	-	3,975
235W Sawtooth Canyon	0.33	Closed	1957	Oct-2014 A	-	2,050
2000-West Section 1,2,3	14.59	Closed	1945	Jul-2014 A	-	24,904
2001 West - A	0.01	Closed	1950	Apr-2014 A	-	822
2001 West-B Section 10,11,14	2.97	Closed	1950	Aug-2014 A	-	13,027
2003	0.25	Closed	1953	Aug-2014 A	-	9,716
33-120 Section 2	0.29	Closed	1940	Jun-2014 A	-	7,640
35-20-N	0.01	Closed	1963	Aug-2014 A	-	285
36-1032	0.69	Closed	1928	May-2014 A	-	10,879
36-37	0.01	Closed	1970	Apr-2014 A	-	1,201
36-9-09 North Section 2B	2.16	Closed	1953	Jun-2014 A	-	2,573
36-9-09 North Section 6A	0.92	Closed	1954	Mar-2015 A	-	2,809
38-539	2.62	Closed	1949	Oct-2014 A	-	16,911
41-30-A	0.02	Closed	1951	Jul-2014 A	-	484
44-654	0.03	Closed	1957	Jun-2014 A	-	2,068
45-120 Section 1	0.55	Closed	1930	Mar-2014 A	-	6,429
45-120X01	0.01	Closed	1930	Sep-2013 A	-	857
406 Section 1,2,2A,4,5	1.20	Closed	1951	Aug-2014 A	-	10,507
407	3.00	Closed	1951	Mar-2014 A	-	6,976
Playa Del Rey Phase 5	0.12	Closed	1955	Mar-2015 A	-	5,313
2017 Forecast Application (A.17-03-021)						
127-P1B-01 ⁽¹⁴⁾	0.00	2-Preliminary Design & Option Selection	1944	TBD	1	261
2000-C, D & E ⁽⁶⁾⁽⁷⁾					-	10
2000-C-P2	21.62	5-Close-Out	1947	May-2019 A	12	15,196
2000-C-CHLA-P2	4.85	5-Close-Out	1947	Jan-2020 A	11	5,852
2000-D-BADL-P2	7.77	3-Detailed Design & Procurement	1947	Sep-2021	32	1,728
2000-Moreno Replacement	0.07	5-Close-Out	1947	May-2020 A	64	7,159
36-1002-P1B-01 ⁽¹²⁾	16.80	4-Construction	1928	Sep-2020 A	517	7,813
36-37-P1B-11A	1.49	5-Close-Out	1927	Jun-2019 A	(4)	16,907
36-37-P1B-11B	4.84	Closed	1927	Jul-2018 A	6	33,260
36-37-P1B-11C	1.53	5-Close-Out	1927	Jun-2019 A	299	24,315
36-37-P1B-12 ⁽¹³⁾	30.92	5-Close-Out	1927	Feb-2019 A	16	22,111
38-514-P1B-03	1.40	5-Close-Out	1945	Sep-2019 A	7	6,240
38-556-P2-01	5.64	5-Close-Out	1956	Aug-2019 A	21	8,364
38-960-P1B-01	6.12	5-Close-Out	1928	Jul-2018 A	-	13,197
43-121-P1B-01	0.27	5-Close-Out	1930	Jul-2019 A	4	4,891
45-1001-P1B-01 & 36-1001-P1B-01	1.58	5-Close-Out	1925	Mar-2020 A	23	7,505
7043-P1B-01	0.00	Closed	1928	Oct-2019 A	1	558
2018 Reasonableness Review Application (A.18-11-010)						
1004	9.03	Closed	1945	May-2015 A	-	14,026
2000-C	7.59	Closed	1947	Jan-2017 A	-	14,027
2000-West Santa Fe Springs Sta.	0.20	Closed	1947	Oct-2016 A	-	9,462
2001 West-B Section 17,18,19	1.80	Closed	1952	Aug-2015 A	-	5,126
2003 Section 2	0.09	Closed	1957	Jul-2015 A	-	2,938
30-18 Section 1	2.00	Closed	1943	Jul-2014 A	-	832
30-18 Section 3	0.01	Closed	1943	Oct-2016 A	-	2,492
31-09	0.21	Closed	1969	Jul-2015 A	-	3,779
32-21 Section 1	1.56	Closed	1948	May-2015 A	-	10,387
32-21 Section 2	1.60	Closed	1948	Jun-2016 A	-	5,503
32-21 Section 3	2.39	Closed	1948	Sep-2016 A	-	3,858
33-120 Section 3	0.52	Closed	1940	Jun-2017 A	-	7,472
36-1002	0.03	Closed	1928	Jun-2015 A	-	2,036
36-9-09 North Section 1	5.98	Closed	1920	May-2015 A	-	53,883
36-9-09 North Section 3	2.96	Closed	1927	Dec-2014 A	-	27,256
36-9-09 North Section 4					-	-
36-9-09 North Section 4A	0.58	Closed	1940	May-2017 A	-	4,659
36-9-09 North Section 4B	0.46	Closed	1940	Sep-2014 A	-	10,351
36-9-09 North Section 5A	1.49	Closed	1960	Feb-2016 A	-	14,289
36-9-09 North Section 7A	1.07	Closed	1932	Sep-2016 A	-	11,701
36-9-09 North Section 7B	3.19	Closed	1932	May-2015 A	-	26,158
36-9-09 South ⁽¹¹⁾	1.24	Closed	1951	Apr-2016 A	-	2,349
36-9-09-JJ ⁽¹¹⁾	0.46	Closed	1920	Jun-2016 A	-	1,936
37-07	3.22	Closed	1945	Sep-2014 A	-	31,300

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
37-18	4.06	Closed	1945	Oct-2014 A	-	50,386
37-18-F	2.08	Closed	1946	Aug-2016 A	-	7,617
37-18 Section 5	0.23	Closed	1945	Apr-2017 A	-	8,393
38-KWB-P1B-01 ⁽¹¹⁾	15.23	Closed	1939	Oct-2015 A	-	1,893
38-200	0.37	Closed	1945	Apr-2016 A	-	8,588
38-501 Section 1	0.32	Closed	1952	Jun-2015 A	-	5,400
38-501 Section 2	2.12	Closed	1952	Aug-2016 A	-	17,033
38-504	0.38	Closed	1952	Sep-2016 A	-	5,756
38-512	4.92	Closed	1929	Mar-2015 A	-	32,431
38-512 Section 3 ⁽¹¹⁾	0.04	Closed	1929	Sep-2017 A	-	91
38-514 Section 1	0.09	Closed	1945	May-2016 A	-	2,182
38-514 Section 2	2.84	Closed	1945	Feb-2016 A	-	12,749
38-931	2.41	Closed	1942	Jan-2017 A	-	7,416
41-17 ⁽¹³⁾	2.62	Closed	1955	Sep-2016 A	-	2,758
41-116	0.01	Closed	1957	Oct-2016 A	-	229
43-121 North	1.01	Closed	1930	Aug-2016 A	-	16,002
43-121 South	1.48	Closed	1930	Aug-2014 A	-	35,867
44-137	1.04	Closed	1950	Nov-2014 A	-	27,673
44-687	0.30	Closed	1946	Sep-2014 A	-	5,905
44-720	1.49	Closed	1947	Jun-2015 A	-	10,994
404 Section 1	0.03	Closed	1944	Sep-2015 A	-	2,869
404 Section 2	2.98	Closed	1944	Sep-2015 A	-	4,056
404 Section 2A	0.82	Closed	1944	Mar-2017 A	-	2,563
404 Section 3A	0.56	Closed	1944	Aug-2016 A	-	5,566
404 Section 3 & 8A	0.55	Closed	1944	Feb-2014 A	-	2,606
404 Section 4&5	7.32	Closed	1944	Sep-2015 A	-	6,688
404 Section 9	0.41	Closed	1944	Jun-2016 A	-	2,034
406 Section 3	0.43	Closed	1949	Jun-2016 A	-	2,611
6914 Installation	11.74	Closed	N/A	Sep-2015 A	-	84,848
85 South Newhall	0.17	Closed	1930	Dec-2014 A	-	9,889
2019 GRC Application (A.17-10-008)						
1011-P2-01	1.77	5-Close-Out	1947	Jun-2020 A	21	3,817
1030-P2-Hydro ⁽⁸⁾	23.03	3-Detailed Design & Procurement	1955	Feb-2022	32	849
225-North-P2A ⁽⁸⁾⁽⁹⁾	8.11	2-Preliminary Design & Option Selection	1959	Oct-2022	24	892
235 West Sec 3	26.89	2-Preliminary Design & Option Selection	1957	Mar-2022	46	447
235E-P2-North Needles Repl ⁽¹⁵⁾	0.05	5-Close-Out	1960	May-2020 A	-	-
235E-P2-Newberry Springs Repl ⁽¹⁵⁾	0.06	3-Detailed Design & Procurement	1960	Apr-2021	-	-
2000-E ⁽⁵⁾⁽⁷⁾	8.87	3-Detailed Design & Procurement	1947	Mar-2021	42	1,355
2000-P2-02 ⁽⁷⁾					-	334
2000 Chino Hills	10.46	3-Detailed Design & Procurement	1947	Sep-2021	12	1,894
2000 Blythe to Cactus City Hydrotest	64.92	4-Construction	1947	Jan-2021 A	764	3,173
2000-E Cactus City Compressor Sta	0.22	3-Detailed Design & Procurement	1947	Jan-2022	57	2,607
2001E-P2-Blythe to 1030 Hydro ⁽⁸⁾	36.38	3-Detailed Design & Procurement	1954	Feb-2022	42	923
2001W-P2-Cactus To 1030 Hydro ⁽⁸⁾					-	92
2001 West - C, D & E ⁽⁷⁾					-	1,185
2001WC-P2	8.50	5-Close-Out	1953	Feb-2020 A	21	9,705
2001WC-CHLA-P2	4.86	5-Close-Out	1947	Mar-2020 A	11	4,854
2001W-D-P2	9.39	3-Detailed Design & Procurement	1950	Mar-2022	29	940
2001W-D-BADL-P2	5.06	3-Detailed Design & Procurement	1950	Feb-2022	27	1,016
2001 West - E	8.87	3-Detailed Design & Procurement	1953	Mar-2022	31	795
2005-P2-Hydrotest	0.31	5-Close-Out	1950	Jul-2020 A	39	3,235
36-1032-P1B-11	0.44	3-Detailed Design & Procurement	1939	Jul-2021	30	1,393
36-1032-P1B-12	5.16	3-Detailed Design & Procurement	1943	Mar-2021	145	3,180
36-1032-P1B-13	3.21	3-Detailed Design & Procurement	1928	Jun-2021	123	2,960
36-1032-P1B-14	1.73	3-Detailed Design & Procurement	1928	May-2021	80	2,139
36-9-09N-P1B-12	0.92	5-Close-Out	1920	Jul-2019 A	19	13,008
36-9-09N-P1B-14	1.87	5-Close-Out	1920	Nov-2019 A	39	24,326
36-9-09N-P1B-15	0.63	4-Construction	1920	Mar-2020 A	80	11,191
36-9-09N-P1B-16	1.73	5-Close-Out	1920	Oct-2019 A	48	22,648
407-P2-01	4.26	5-Close-Out	1951	May-2020 A	13	6,622
5000-P2-Blythe Repl ⁽⁸⁾	0.02	2-Preliminary Design & Option Selection	1953	Feb-2024	17	182
85 Elk Hills to Lake Station ⁽¹⁰⁾	13.03	3-Detailed Design & Procurement	1931	Oct-2021	175	12,351
Future Filing						
2000 Bridge	0.38	3-Detailed Design & Procurement	1947	Mar-2022	47	1,967
2000-0.18-BO Crossover Piping	0.03	3-Detailed Design & Procurement	1947	Mar-2022	-	-
PG&E LINE 306					13	2,272
103-P1B-01 ⁽¹²⁾	9.28	Closed	1941	May-2019 A	2	1,488
128-P1B-01	0.44	4-Construction	1945	Dec-2020 A	1,038	1,999
133-P2-01	3.22	1-Initiation & Business Case	1946	Feb-2025	-	178
L1004-P1A SECTIONS 1 & 3 HYDRO	2.50	5-Close-Out	1944	May-2020 A	25	5,212
L1004-P1B-Sec 2 Repl	2.31	3-Detailed Design & Procurement	1944	Apr-2023	11	974
1004-P2-01	1.28	1-Initiation & Business Case	1944	Feb-2023	-	150
1005-P2	15.24	1-Initiation & Business Case	1951	Apr-2024	-	305

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

Table 1 - SoCalGas Active Pipeline Projects (continued)

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
225	3.24	3-Detailed Design & Procurement	1959	Sep-2022	9	2,353
225-South-P2A ⁽⁹⁾	10.70	2-Preliminary Design & Option Selection	1959	Mar-2023	17	276
225-P2-02	0.04	1-Initiation & Business Case	1965	Jan-2024	6	295
225-P2-01					-	192
235E-P2-01 Hydro	58.07	3-Detailed Design & Procurement	1960	Jun-2022	33	1,382
235E-P2-02 Hydro	56.35	3-Detailed Design & Procurement	1960	Feb-2023	10	632
235E-P2-Kelso Repl	0.10	3-Detailed Design & Procurement	1960	Jun-2022	7	311
235W-P2-01 ⁽⁷⁾					-	-
235 West Sec 1	24.64	2-Preliminary Design & Option Selection	1957	TBD	1	717
235 West Sec 2	20.35	2-Preliminary Design & Option Selection	1957	TBD	0	154
257-P2-01	0.02	1-Initiation & Business Case	1961	TBD	-	154
2000-D	3.18	Closed	1947	Sep-2017 A	-	10,337
2001 West Santa Ana River Crossing	0.41	2-Preliminary Design & Option Selection	1950	Sep-2021	93	3,216
2001 West - C	16.73	Closed	1953	Feb-2019 A	12	13,168
2001 West - D	4.36	Closed	1950	Feb-2019 A	-	6,939
2006	0.08	Closed	1953	Sep-2019 A	12	5,404
30-18 Section 2	0.62	Closed	1943	Jan-2018 A	-	36,095
SL31-08-P1A-01	0.01	5-Close-Out	1949	Jul-2020 A	15	1,644
31-09-C	1.34	5-Close-Out	1968	May-2020 A	38	3,557
33-120 Section 1	0.24	Closed	1930	Sep-2017 A	-	12,477
33-121	0.48	Closed	1955	Jan-2018 A	-	4,589
33-750	0.91	3-Detailed Design & Procurement	1946	Apr-2021	63	645
SL33-750-P1A-Haskell Station	0.09	3-Detailed Design & Procurement	1946	Jun-2021	44	568
36-1032 Section 4	0.31	Closed	1953	Jul-2017 A	-	6,106
36-9-09 North Section 5C	0.62	Closed	1932	Dec-2016 A	-	7,747
36-9-09 North Section 5B-01	0.18	3-Detailed Design & Procurement	1932	Mar-2021	27	507
36-9-09 North Section 5B-02	0.28	Closed	1932	Nov-2018 A	(1)	5,999
36-9-09 North Section 6B	1.73	Closed	1955	Oct-2017 A	-	15,916
36-9-21	0.46	Closed	1950	Aug-2017 A	-	6,797
37-18-K	1.93	Closed	1949	Mar-2018 A	-	16,813
38-1102-P1B-01	0.01	3-Detailed Design & Procurement	1963	Feb-2021	(219)	882
38-100-P2-01	0.00	1-Initiation & Business Case	1960	Jan-2022	-	222
38-101-P1B-01	4.53	Closed	1921	May-2019 A	5	14,448
38-101-P1B-03 ⁽¹²⁾	5.21	1-Initiation & Business Case	1921	Jan-2025	-	-
38-143-P1B-01	4.42	1-Initiation & Business Case	1935	Jan-2023	0	792
38-362-P2-01	7.31	1-Initiation & Business Case	1956	Jan-2023	-	242
38-539-P2-01	12.57	1-Initiation & Business Case	1947	Jun-2022	-	291
38-952-P2-01	9.22	1-Initiation & Business Case	1950	May-2024	4	336
41-6000-1-P2A ⁽¹¹⁾	7.43	2-Preliminary Design & Option Selection	1948	Jul-2022	27	282
41-6000-2 Abandonment ⁽¹³⁾	27.78	Closed	1948	Aug-2018 A	-	14,156
41-6000-2 Tie Over	1.52	Closed	1949	Oct-2017 A	(0)	19,549
41-6001-2	0.01	Closed	1967	Oct-2017 A	-	723
4000-P2A	45.91	1-Initiation & Business Case	1960	Mar-2023	3	448
3000E-P2A	115.06	2-Preliminary Design & Option Selection	1957	Aug-2023	1	382
43-121N-P1A-02	0.13	Closed	1930	Apr-2017 A	-	5,022
43-121N-P1A-03	0.15	Closed	1930	Apr-2017 A	-	4,798
43-121N-P1A-04	0.77	Closed	1930	Aug-2017 A	-	12,822
44-137 Caltrans Removal	0.01	Closed	1950	May-2019 A	-	490
44-707-P2-01	0.00	1-Initiation & Business Case	1969	Feb-2023	-	172
44-729-P2-01	0.01	1-Initiation & Business Case	1958	May-2023	-	319
44-1008-P1B-01	54.85	1-Initiation & Business Case	1937	Oct-2023	83	3,965
45-120 Section 2	3.59	Closed	1930	Sep-2014 A	-	92,044
404 Section 4A	0.78	Closed	1944	Aug-2018 A	5	18,680
404-P2-01	6.07	1-Initiation & Business Case	1944	Feb-2024	-	182
404-406 Somis Station	0.14	Closed	1951	Aug-2018 A	1	9,388
406-P2-01	14.35	1-Initiation & Business Case	1951	Sep-2022	-	654
38-2101-P2A	9.00	1-Initiation & Business Case	1947	May-2022	1	188
6921 Dowden & Kershaw	0.01	Closed	N/A	Apr-2018 A	-	2,265
85 ⁽¹⁰⁾	61.07	2-Preliminary Design & Option Selection	1931	Jan-2024	-	-
Goleta	0.29	5-Close-Out	1944	May-2019 A	11	5,928
L1170 ID502T-P1A-Stn Piping Repl	0.00	1-Initiation & Business Case	1966	Aug-2022	5	8
SL1167 West Del Rey Jntn-P1A ⁽¹⁴⁾	0.04	1-Initiation & Business Case	1955	TBD	16	17
Alhambra Stn Piping-P1A-Repl	0.02	1-Initiation & Business Case	1948	Aug-2022	3	6
ID-432T Stn Piping-P1A ⁽¹⁴⁾	0.03	1-Initiation & Business Case	1950	TBD	4	6
SL1176B02-P1A-Carson ⁽¹⁴⁾	0.01	1-Initiation & Business Case	1967	TBD	10	21
Devore Metering Stn-P1A ⁽¹⁴⁾	0.01	1-Initiation & Business Case	1960	TBD	6	16
Holder Stn Piping-P1A ⁽¹⁴⁾	0.01	1-Initiation & Business Case	1958	TBD	7	16
SL2003 ID2040-P1A-Los Angeles ⁽¹⁴⁾	0.00	1-Initiation & Business Case	1950	TBD	9	17
SL35-20-AB-P1A-Dana Point ⁽¹⁴⁾	0.00	1-Initiation & Business Case	1968	TBD	5	9
SL35-6407 Stn Piping-P1A ⁽¹⁴⁾	0.00	1-Initiation & Business Case	1957	TBD	3	7

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

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

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
SL35-6520BP1 Stn Piping-P1A ⁽¹⁴⁾	0.03	1-Initiation & Business Case	1969	TBD	3	5
Indian St ID 822IE-P1A-Piping Rep ⁽¹⁴⁾	0.01	1-Initiation & Business Case	1959	TBD	4	5
L1020BQ2-P1A-Los Alamitos Str ⁽¹⁴⁾	0.00	1-Initiation & Business Case	1965	TBD	-	-
35-20-WBP1ST1 Lateral ⁽¹⁵⁾	0.00	1-Initiation & Business Case	TBD	TBD	1	10
Total SoCalGas Active Pipeline Projects					4,495	1,528,029

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

Table 2 - SDG&E Active Pipeline Projects

Pipeline Project	PSEP Mileage ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Predominant Vintage	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date ⁽⁴⁾ Actuals (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)						
49-14	0.03	Closed	1959	Sep-2014 A	-	4,622
49-22 ⁽¹¹⁾	4.05	Closed	1951	Apr-2014 A	-	4,996
49-32	0.09	Closed	1950	Jun-2014 A	-	4,347
2018 Reasonableness Review Application (A.18-11-010)						
49-11	0.96	Closed	1969	Jun-2015 A	-	6,301
49-13	3.17	Closed	1959	Jul-2015 A	-	23,586
49-15	1.78	Closed	1950	Feb-2016 A	-	34,800
49-15 Transmission	1.01	Closed	1950	Nov-2015 A	-	8,816
49-28	2.67	Closed	1932	Sep-2014 A	-	47,081
Future Filing						
49-16 Pipeline	1.00	Closed	1948	Mar-2015 A	-	29,680
49-16 4th & Palm	0.10	Closed	1958	Jan-2018 A	-	8,265
49-16 Gate Station	1.74	Closed	1955	Nov-2015 A	-	5,560
49-17 East	5.17	Closed	1948	Jun-2015 A	-	70,484
49-17 West	1.67	Closed	1948	Oct-2014 A	-	36,962
49-25	1.75	Closed	1960	Aug-2014 A	-	25,001
49-26	3.45	Closed	1958	Oct-2014 A	-	35,044
49-26 Abandonment	0.09	Closed			-	3,067
49-28 Abandonment	0.07	Closed	1932	Nov-2017 A	-	2,379
49-32-L	0.21	Closed	1965	Aug-2016 A	(2)	8,159
Line 1600						
1600 South					-	0
1600 ⁽⁶⁾					16	69
1600-P1B-Rainbow	3.68	1-Initiation & Business Case	1949	Apr-2022	27	4,278
1600-P1B-Couser Cyn North	2.57	1-Initiation & Business Case	1949	Dec-2023	5	1,109
1600-P1B-MCAS South	0.90	2-Preliminary Design & Option Selection	1949	Aug-2023	71	1,469
1600-P1B-Rice Cyn	3.28	1-Initiation & Business Case	1949	Oct-2023	1	1,151
1600-P1B- Couser Cyn South	2.58	2-Preliminary Design & Option Selection	1949	Mar-2024	13	1,159
1600-P1B-Lilac Rd	5.94	2-Preliminary Design & Option Selection	1949	Aug-2022	64	6,912
1600-P1B-La Honda And Lincoln	1.57	2-Preliminary Design & Option Selection	1949	Jan-2022	47	3,696
1600-P1B-Midway Dr	3.21	5-Close-Out	1949	Feb-2020 A	59	33,240
1600-P1B-Pomerado Rd North	5.84	3-Detailed Design & Procurement	1949	May-2021	998	15,050
1600-P1B-Daley Ranch	3.25	1-Initiation & Business Case	1949	Feb-2023	1	768
1600-P1B-Moosa Creek	0.94	1-Initiation & Business Case	1949	Jan-2023	1	715
1600-P1B-Bear Valley Pkwy	3.67	4-Construction	1949	Nov-2020 A	2,702	14,581
1600-P1B- Pomerado Rd South	3.14	3-Detailed Design & Procurement	1949	Aug-2021	243	7,016
1600-P1B-Scripps Poway Pkwy	3.64	3-Detailed Design & Procurement	1949	Nov-2021	10	5,545
1600-P1B-Black Mtn	5.00	4-Construction	1949	Apr-2020 A	3,780	45,597
1600-P1B- MCAS North	1.07	2-Preliminary Design & Option Selection	1949	Apr-2023	27	1,782
1600-P1B- MCAS Central	1.88	2-Preliminary Design & Option Selection	1949	Jun-2023	35	2,123
1600-P1B-Kearny Mesa	2.41	5-Close-Out	1949	Jun-2020 A	174	28,585
1600-P1B-Serra Mesa	4.33	5-Close-Out	1949	Jun-2020 A	313	44,613
Total SDG&E Active Pipeline Projects					8,585	578,607

Tables 1 and 2 - Project Footnotes:

- (1) The mileage column was renamed "PSEP Current Mileage," formerly labeled "PSEP Mileage as filed," and updated to reflect the current reporting month's mileage. The mileage reported is the sum of test, replacement, and abandonment miles (except for extensive incidental abandonment). The mileage is subject to change based on various factors including, but not limited to, engineering drawings, construction, and closeout. Numbers may not add exactly due to rounding.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1-Initiation & Business Case, Stage 2-Preliminary Design and Option Selection & Option Selection, Stage 3-Detailed Design and Procurement, Stage 4-Construction, Stage 5-Close-out, and Closed. As of October 2020, Stage 1 is renamed to "Initiation & Business Case", Stage 2 is renamed to "Preliminary Design and Option Selection & Option Selection" and Stage 3 is renamed to "Detailed Design & Procurement".
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) Project 2000-C, D & E currently includes cost for Sections C, D & E. Sections C & D are part of PSEP Forecast Application (A.17-03-021) and Section E is part of 2019 General Rate Case proceeding (A.17-10-008). In the future, the cost will be split.
- (6) In compliance with D.18-06-028, which denied the Pipeline Safety and Reliability Project (PSRP) Application, SDG&E and SoCalGas submitted its Line 1600 Test or Replacement Plan to SED in September 2018. In January 2019, the SED transmitted a Response Letter to SDG&E and SoCalGas approving the proposed plan as submitted. In D.20-02-024 the Commission opened a Phase 2 in A.15-09-013 to examine the cost forecast associated with the Line 1600 plan while allowing construction to proceed as planned under SED's oversight.
- (7) This line has been split into individual projects. The line still holds some actual costs which will be transferred to the individual projects in the future.
- (8) This project was filed in the 2019 General Rate Case (GRC) proceeding (A.17-10-008) as a 4th year project (2022).
- (9) All the costs for project 225-South-P2A are captured under project 225-P2A-North. In the future, the cost will be split.
- (10) All the costs for project 85 are captured under project 85 Elk Hills to Lake Station. In the future, the cost will be split. Note: 85 South Newhall is a different project.
- (11) The scope for this project is abandonment only.
- (12) The scope for this project is de-rate only.
- (13) The scope for this project is combination of abandonment and de-rate.
- (14) TBD - Information will be updated in the future.
- (15) Project approved for acceleration through Commission approval of Advice Letter 5617.
- (16) New Pipeline Project currently being initiated. TBD represents that the Project scope, stage, and/or construction start date information will be available at a later date.

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

Table 3 - SoCalGas Pipeline Projects Remediated or Removed

Pipeline Project	Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
119 North-P2-01	-	21
169	-	-
173-P2-01	-	6
1003	-	-
1003LT2	-	-
1017BP1	-	-
1017BP2	-	-
1017BP3	-	-
1017BR4	-	-
1017BR5	-	-
1017BR6	-	-
1017BR7	-	-
1018	-	-
1020	-	93
1024	-	2
1025	-	-
1171LT2	-	-
1171LT1BP2	-	(0)
1172 BP2ST1	-	-
1172 BP2ST2	-	-
1172 BP2ST3	-	-
1172 BP2ST4	-	-
1172 BP3	-	-
1172 ID 2313	-	19
203-P2A	-	10
214-P2A	-	11
235 East	-	9
247	-	-
2001 East	-	115
2001E-P2-Blythe Repl	-	122
30-02	-	-
30-02-U	-	-
30-09-A	-	-
30-32	-	1
30-6200	-	-
30-6209	-	-
30-6292	-	-
30-6543	-	-
30-6799	-	-
30-6799BR1	-	-
32-90	-	-
33-6263	-	6
35-10	-	2
35-20	-	21
35-20-A	-	28
35-20-A1	-	-
35-22	-	-
35-39	-	-
35-40	-	-
35-6405	-	-
35-6416	-	-
35-6520	-	43
36-7-04	-	-
36-1006	-	0
36-6588	-	-
36-8-01	-	-
36-8-01-C	-	-
36-8-06	-	-
36-9-06	-	4
36-9-06-A	-	-
36-9-09 North Section 2A	-	(0)
36-9-21BR1	-	-
37-04	-	-
37-18 J	-	54
37-6180	-	-
38-116-1-P2-01	-	28
38-351	-	-
38-508	-	-
37-49	-	-

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix A - SoCalGas/SDG&E PSEP Pipeline Project List with Costs as of January 2021

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

Pipeline Project	Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
38-516	-	-
38-523	-	63
38-528	-	24
38-552	-	-
38-931-P1B-01	-	113
38-959	-	-
317	-	-
3000-261.73-BO	-	-
3000-261.73-BR	-	-
41-04-I	-	11
41-05	-	6
41-05-A	-	-
41-17-A2	-	5
41-17-F	-	(0)
41-17-FST1	-	-
41-19	-	42
41-25	-	-
41-25-A	-	-
41-30	-	50
41-35-1-KST2	-	-
41-55	-	-
41-80	-	46
41-83	-	-
41-84	-	-
41-84-A	-	-
41-90	-	-
41-101	-	-
41-116BP1	-	-
41-117	-	-
41-128	-	-
41-141	-	-
41-181	-	35
41-201	-	0
41-207BR1	-	88
41-198	-	-
41-199	-	-
41-6001-1-P2A	-	15
41-6001-1A-P2A	-	11
41-6045	-	55
41-6501	-	43
42-12	-	-
42-46	-	-
42-46-F	-	-
42-57	-	-
43-1106	-	-
43-34	-	-
44-719	-	1
44-1008 Section 2B	-	-
45-163	-	1
408X01	-	-
4000	-	128
53	-	-
6100	-	-
765-8.24-BO	-	-
765BR4	-	-
775	-	-
775B01	-	-
8107	-	-
Total SoCalGas Pipeline Projects Remediated or Removed⁽¹⁾	-	1,333

Table 4 - SDG&E Pipeline Projects Remediated or Removed

Pipeline Project	Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date ⁽¹⁾ Actuals (in \$1,000)
49-18	-	-
49-19	-	-
49-27	-	0
49-32	-	-
Total SDG&E Pipeline Projects Remediated or Removed	-	0

Tables 3 and 4- Project Footnotes:

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

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of January 2021

Table 1 - SoCalGas Active Valve Projects

Valve Project	PSEP Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2016 Reasonableness Review Application (A.16-09-005)					
V-235-335 Palmdale	6	Closed	Jun-2014 A	-	7,537
V-Arrow & Haven	1	Closed	May-2014 A	-	1,158
V-Bain Street Station	2	Closed	Dec-2013 A	-	1,064
V-Brea Station-1013	1	Closed	Oct-2014 A	-	295
V-Chino Station	5	Closed	Dec-2013 A	-	1,237
V-Haskell Station	2	Closed	Jan-2014 A	-	805
V-Moreno Large	1	Closed	Jan-2014 A	-	617
V-Moreno Small	2	Closed	Jan-2014 A	-	861
V-Pixley Station	3	Closed	Nov-2014 A	-	1,560
V-Prado Station	5	Closed	Jan-2014 A	-	1,411
V-Puente Station	2	Closed	Jun-2014 A	-	19
V-Santa Fe Springs	3	Closed	Mar-2014 A	-	831
V-SGV	3	Closed	Feb-2015 A	-	5,729
V-Victoria Station	4	Closed	Dec-2014 A	-	1,740
V-Whitewater Station	3	Closed	Mar-2014 A	-	816
2018 Reasonableness Review Application (A.18-11-010)					
V-L1014 Brea	6	Closed	Nov-2015 A	-	7,301
V-L1018-P1B-Dana Point Station	1	Closed	Oct-2016 A	-	735
V-L1020	1	Closed	Mar-2015 A	-	1,665
V-L225 Bundle-P1B	3	Closed	Aug-2016 A	-	2,565
V-235-335 East	7	Closed	Oct-2016 A	-	3,991
V-L2000 Beaumont 2015	3	Closed	Aug-2015 A	-	2,741
V-2001W Seg 10-11	1	Closed	Jan-2017 A	-	1,622
V-L2003 East	7	Closed	Sep-2015 A	-	4,443
V-L2003 West	6	Closed	Oct-2015 A	-	3,932
V-404 Ventura	4	Closed	Feb-2016 A	-	4,659
V-404-406 Ventura 2016 Bundle	3	Closed	Oct-2016 A	-	974
V-406 Ventura	5	Closed	Nov-2015 A	-	3,910
V-L4000 MP 45.36	1	Closed	Sep-2016 A	-	1,387
V-L4000 MP 53.00	3	Closed	May-2015 A	-	1,371
V-L4000 MP 80.08 MLV	3	Closed	May-2015 A	-	1,246
V-L6916-P1B	3	Closed	Nov-2016 A	-	2,798
V-L7000 Bundle-P1B	2	Closed	Sep-2016 A	-	1,881
V-Alhambra Station	3	Closed	Apr-2015 A	-	3,607
V-Aviation-P1A-Aviation and Boardwalk	2	Closed	Jun-2016 A	-	7,519
V-Banning 5000	2	Closed	Oct-2015 A	-	2,416
V-El Segundo	2	Closed	Apr-2015 A	-	7,530
V-Fontana Bundle - L4002	1	Closed	Jul-2015 A	-	1,262
V-Fontana MLVs 4000-4002	1	Closed	Oct-2016 A	-	1,615
V-Haynes Station	3	Closed	Nov-2016 A	-	1,763
V-Honor Ranch - L225	4	Closed	May-2016 A	-	1,484
V-Indio 2014	4	Closed	May-2015 A	-	2,860
V-Lampson	4	Closed	Apr-2015 A	-	9,882
V-New Desert	7	Closed	Oct-2014 A	-	10,532
V-Newhall Station	7	Closed	Jan-2015 A	-	16,192
V-Orange	3	Closed	Apr-2015 A	-	5,287
V-Questar Taps	6	Closed	Sep-2015 A	-	1,773
V-Rainbow	10	Closed	May-2016 A	-	5,220
V-Riverside 2001	5	Closed	Oct-2015 A	-	2,484
V-Santa Barbara - 1005	1	Closed	Mar-2015 A	-	516
V-Sepulveda Station-P1B	2	Closed	Sep-2016 A	-	1,040
2019 GRC Application (A.17-10-008)					
V-L115-GRC-Herron	3	3-Detailed Design & Procurement	Jul-2021	29	904
V-L115-GRC-Pierce	3	5-Close-Out	Oct-2019 A	12	4,695
V-L115-GRC-Randall	3	5-Close-Out	Feb-2020 A	13	74
V-L1004-GRC-Ortega Hill	1	3-Detailed Design & Procurement	Sep-2021	37	1,054
V-L1017-GRC-Bristol	4	4-Construction	Jan-2020 A	10	7,778
V-L1017-GRC-Dyer	1	5-Close-Out	Jul-2019 A	1	5,275
V-L225 Honor Ranch-GRC-Castaic	1	3-Detailed Design & Procurement	Feb-2023	6	451
V-L225 Forest Service-GRC-Forest Inn Road	1	3-Detailed Design & Procurement	Oct-2022	3	345
V-L225 Forest Service-GRC-Old Ridge Route	1	3-Detailed Design & Procurement	Oct-2022	3	312
V-L235-GRC-Black Canyon	1	3-Detailed Design & Procurement	Aug-2021	3	276

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of January 2021

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-235-335 West-GRC-Agua Dulce Canyon	2	4-Construction	Sep-2020 A	39	1,578
V-235-335 West-GRC-Shannon Valley	2	3-Detailed Design & Procurement	Aug-2021	37	543
V-235-335 West-GRC-Tick Canyon	2	3-Detailed Design & Procurement	Sep-2021	52	555
V-L235-GRC-Bristol Mtn	1	3-Detailed Design & Procurement	Feb-2021	3	266
V-L235-GRC-Crucero Rd	1	3-Detailed Design & Procurement	Jun-2021	5	309
V-L235-GRC-Fernner	1	3-Detailed Design & Procurement	Aug-2021	3	308
V-L235-GRC-Hwy 247	1	3-Detailed Design & Procurement	Jul-2021	5	269
V-L235-GRC-Kelso Dunes	1	3-Detailed Design & Procurement	Sep-2021	2	244
V-L235-GRC-Mtn Springs	1	3-Detailed Design & Procurement	Apr-2021	8	342
V-L235-GRC-Oro Mtn	1	5-Close-Out	Oct-2019 A	11	1,093
V-L235-GRC-Plisgah Rd	0	Closed	Aug-2019 A	0	958
V-L235-GRC-Sacramento Mtn	0	5-Close-Out	May-2020 A	7	1,087
V-L235-GRC-Stoddard Wells Rd	1	5-Close-Out	Dec-2019 A	8	1,163
V-SL32-21-GRC-Alhambra Stn	2	Closed	Jun-2019 A	(1)	921
V-SL32-21-GRC-State St	1	5-Close-Out	Mar-2020 A	38	2,873
V-SL32-21-GRC-Crosby St	1	5-Close-Out	Sep-2019 A	12	1,980
V-SL 31-09-GRC-Valley and Faure	1	3-Detailed Design & Procurement	May-2021	43	320
V-SL 31-09-GRC-Barranca and Front	1	2-Preliminary Design & Option Selection	Jul-2021	34	313
V-SL33-120-P1B-Woodley	1	1-Initiation & Business Case	Jan-2022	21	118
V-SL43-121-GRC-UCLA North	1	2-Preliminary Design & Option Selection	Aug-2021	13	837
V-SL38-504-GRC-Green And 4th	1	4-Construction	Aug-2020 A	38	2,323
V-L324-GRC-Center Rd Stn	3	4-Construction	Jun-2020 A	33	1,993
V-L324-GRC-Happy Camp	1	5-Close-Out	Dec-2019 A	1	1,227
V-L324-GRC-Rice Rd	1	3-Detailed Design & Procurement	Feb-2021	27	546
V-L324-GRC-Sence Ranch	1	Closed	Jul-2019 A	0	1,168
V-L324-GRC-Torrey Mtn	1	3-Detailed Design & Procurement	Feb-2021	26	439
V-L324-GRC-Windy Gap and Salt Creek	1	2-Preliminary Design & Option Selection	Sep-2021	13	399
V-L2000 And L2001 Fault Isolation-GRC-Dillon Rd	2	2-Preliminary Design & Option Selection	Mar-2022	9	406
V-L2000 Fault Isolation-GRC-Brea Telegraph Canyon R	0	2-Preliminary Design & Option Selection	Sep-2021	40	373
V-L2001 And L2051 Fault Isolation-GRC-Monroe St	2	2-Preliminary Design & Option Selection	Mar-2022	21	787
V-L3000-GRC-Bagdad	1	3-Detailed Design & Procurement	Jun-2021	7	334
V-L3000-GRC-Black Ridge	1	3-Detailed Design & Procurement	Aug-2021	6	315
V-L3000-GRC-Eagle Peak	1	5-Close-Out	Aug-2019 A	3	1,117
V-L3000-GRC-Kelbaker	1	5-Close-Out	Feb-2019 A	2	1,139
V-L3000-GRC-Marble Mtn	1	Closed	Jul-2019 A	-	950
V-L3000-GRC-Piute	1	Closed	Jun-2019 A	-	1,084
V-L3000-GRC-Route 66	0	3-Detailed Design & Procurement	Apr-2021	7	332
V-L3001-GRC-Burbank & Lindley	2	1-Initiation & Business Case	Aug-2022	5	249
V-L4000 MP 69.00 MLV-P1B	1	5-Close-Out	Jun-2019 A	24	5,099
V-L406-GRC-Burbank Etiwanda	3	2-Preliminary Design & Option Selection	Apr-2022	5	483
V-L407-L1205-GRC-San Vicente	6	4-Construction	Nov-2019 A	88	14,593
V-L6906-GRC-Arrow Route Stn	2	5-Close-Out	Jan-2020 A	12	1,108
V-L6906-GRC-Merrill Ave	1	2-Preliminary Design & Option Selection	Mar-2022	24	242
V-L6906-GRC-Mill Rd	1	3-Detailed Design & Procurement	Sep-2021	109	404
V-L765-GRC-Cypress & Arroyo Seco	3	1-Initiation & Business Case	Jun-2022	6	162
V-L765-GRC-Linsley & Atlantic	1	3-Detailed Design & Procurement	Apr-2022	16	1,072
V-L85-GRC-Ed Pump	1	Closed	Jan-2019 A	-	619
V-L85-GRC-Rising Canyon Rd	1	5-Close-Out	Jul-2019 A	-	960
V-L85-GRC-Twisselman Rd	1	Closed	Jul-2019 A	-	699
V-L800-GRC-Nevada Ave	1	4-Construction	Jul-2020 A	18	868
V-L800-GRC-Murphy Ranch Rd	1	5-Close-Out	Jan-2020 A	2	816
V-L800-GRC-Lemoore Junction	2	5-Close-Out	Sep-2019 A	2	1,327
V-L8109-GRC-Arundell ⁽⁵⁾	1	1-Initiation & Business Case	TBD	(41)	1
V-L8109-GRC-Casita Springs ⁽⁵⁾	1	1-Initiation & Business Case	TBD	(54)	0
V-L8109-GRC-Cuyama Meter Stn	1	2-Preliminary Design & Option Selection	Jan-2022	103	235
V-L8109-GRC-Hall Canyon ⁽⁵⁾	1	1-Initiation & Business Case	TBD	(74)	(1)
V-L8109-GRC-Live Oaks	1	2-Preliminary Design & Option Selection	Jan-2022	117	227
V-L8109-GRC-Sheep Camp ⁽⁵⁾	1	1-Initiation & Business Case	TBD	(36)	0
V-Adelanto-P1B-MLV17	1	3-Detailed Design & Procurement	Jun-2021	14	370
V-Adelanto-GRC-Stoddard Wells & Dale Evans	1	5-Close-Out	Mar-2020 A	6	1,088
V-L1202-GRC-190TH and Crenshaw	1	2-Preliminary Design & Option Selection	Mar-2022	20	66
V-Brea-GRC-Beach	1	Closed	Mar-2019 A	-	1,486
V-Blythe Bndle-GRC-Blythe Statn 2	3	3-Detailed Design & Procurement	Aug-2021	43	993

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of January 2021

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-Blythe-P1B-Chuckawalla	2	3-Detailed Design & Procurement	Jul-2021	27	317
V-Blythe-GRC-Ford Dry Lake	3	3-Detailed Design & Procurement	Aug-2021	8	340
V-Blythe-GRC-Hayfield Stn	3	3-Detailed Design & Procurement	Aug-2021	57	234
V-Brea-GRC-Lincoln	3	5-Close-Out	Apr-2019 A	7	2,038
V-Brea-GRC-Placentia	4	2-Preliminary Design & Option Selection	Jun-2022	7	420
V-Burbank & Lindley-P1B	2	1-Initiation & Business Case	Aug-2022	(0)	(0)
V-Burbank-GRC-Valleyheart & Noble	3	2-Preliminary Design & Option Selection	Aug-2022	5	401
V-Burbank-GRC-Verdugo & Reese	3	4-Construction	Oct-2020 A	2,037	4,904
V-Cabazon-GRC-Millard Pass Rd	1	3-Detailed Design & Procurement	Apr-2021	11	431
V-Cabazon-GRC-Elm St	1	3-Detailed Design & Procurement	Feb-2021	17	464
V-Carpinteria-GRC-Conoco	1	Closed	May-2019 A	-	1,554
V-Chestnut And Grand-GRC	6	5-Close-Out	Sep-2019 A	1	1,097
V-Del Amo And Wilmington-GRC	1	3-Detailed Design & Procurement	Jul-2021	27	1,098
V-El Segundo-P1B-Scattergood				(25)	21
V-L1173-GRC-Raytheon	1	3-Detailed Design & Procurement	May-2021	105	3,539
V-L1177-GRC-Northrop	1	2-Preliminary Design & Option Selection	Mar-2022	9	145
V-Glendale-GRC-Adams	3	4-Construction	Jul-2020 A	60	3,526
V-Glendale-GRC-Glenoaks	2	3-Detailed Design & Procurement	Feb-2022	11	771
V-Glendale-GRC-Ave 59	3	3-Detailed Design & Procurement	Apr-2022	9	662
V-Goleta-GRC-Santa Rosa Rd Buellton	1	4-Construction	Nov-2020 A	313	1,672
V-Goleta-GRC-Farren Rd	1	3-Detailed Design & Procurement	Mar-2021	16	922
V-Goleta-GRC-Gaviota St Park	1	Closed	May-2019 A	-	3,213
V-Goleta-GRC-Popco	1	4-Construction	Jan-2021 A	36	964
V-Haskell Station FM-P1B	1	4-Construction	Oct-2020 A	79	1,073
V-Pico-GRC-Eastern And Commerce	3	2-Preliminary Design & Option Selection	Aug-2022	3	424
V-Santa Barbara-GRC-Cabrillo Bl	1	2-Preliminary Design & Option Selection	Sep-2021	-	(0)
V-Santa Barbara-GRC-Grove Ln	1	5-Close-Out	Oct-2019 A	20	2,086
V-SB County-GRC-Park Ln	1	3-Detailed Design & Procurement	Jun-2021	10	1,188
V-SB County-GRC-Parsons	1	5-Close-Out	Nov-2019 A	9	1,940
V-SFV Olympic-GRC-Yarmouth Ave	1	3-Detailed Design & Procurement	Jan-2022	31	424
V-SFV Olympic-GRC-Killion St	1	3-Detailed Design & Procurement	Jan-2022	21	344
V-SFV Olympic-GRC-White Oak Ave	1	3-Detailed Design & Procurement	Feb-2021	11	195
PSEP-V-SFV Valencia Bundle-GRC-San Jose and	1	2-Preliminary Design & Option Selection	Feb-2022	17	389
V-SFV Valencia-GRC-Balboa and Westbury	2	2-Preliminary Design & Option Selection	Aug-2021	15	457
V-SFV Valencia-GRC-San Fernando Mission	1	3-Detailed Design & Procurement	Apr-2021	29	691
V-SFV Valencia-GRC-Eternal Valley	2	3-Detailed Design & Procurement	May-2021	48	744
V-SFV Valencia-GRC-Wilbur	1	3-Detailed Design & Procurement	Feb-2021	20	632
V-SFV Valencia-GRC-Woodley	1	3-Detailed Design & Procurement	Nov-2021	74	588
V-Ventura Station-GRC	4	5-Close-Out	Sep-2019 A	10	2,459
V-Wstrn Del Rey Bdle-P1B-Del Rey Junction	3	3-Detailed Design & Procurement	Feb-2021	17	1,277
V-Wstrn Del Rey-GRC-McLaughlin & Palms	1	3-Detailed Design & Procurement	Aug-2021	21	613
Future Filing					
V-L1014 Olympic	6	Closed	Feb-2016 A	-	8,406
V-L1018-P1B-Alipaz	1	Closed	May-2018 A	-	1,871
V-L1018-P1B-Avery	1	Closed	Feb-2018 A	-	1,257
V-L1018-P1B-Burt Bdl	2	Closed	Jul-2017 A	-	2,824
V-L1018-P1B-Camino Capistrano	1	Closed	Sep-2018 A	-	4,374
V-L1018-P1B-El Toro	1	Closed	Dec-2018 A	2	2,410
V-L1018-P1B-Harvard	3	Closed	Jul-2018 A	-	3,103
V-29 Palms-P1B-Indian Canyon	1	Closed	Oct-2017 A	-	1,497
V-29 Palms-P1B-Mohawk Trail	1	Closed	Feb-2018 A	-	980
V-29 Palms-P1B-Sunburst St	1	Closed	May-2018 A	-	1,440
V-29 Palms-P1B-Utah Trail	1	Closed	Jan-2018 A	-	1,287
V-L225-P1B-Beartrap	1	Closed	May-2017 A	-	1,262
V-L225-P1B-Quail Canal	1	Closed	Jun-2017 A	-	1,260
V-L2000 Beaumont 2016	4	Closed	Jun-2017 A	-	5,944
V-SL33-120-GRC-Rinaldi Valjean	1	1-Initiation & Business Case	Feb-2022	4	133
V-SL45-120 Section 2-P1B	1	Closed	Apr-2018 A	-	1,091
V-404-406 Valley	8	5-Close-Out	Sep-2015 A	-	11,334
V-404-406 Vent. 2016 P1B Somis Yard	1	Closed	May-2018 A	-	1,279
V-L4000-P1B-Camp Rock Rd	1	Closed	Dec-2018 A	-	1,340
V-L4000-P1B-Powerline Rd	1	Closed	Nov-2018 A	-	1,402

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of January 2021

Table 1 - SoCalGas Active Valve Projects (continued)

Valve Project	PSEP Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
V-L4000-P1B-Desert View Rd	1	Closed	Oct-2018 A	-	1,954
V-L4000-P1B-Devore Stn	2	Closed	Sep-2018 A	-	1,546
V-L7000-P1B-Melcher & Elmo	3	Closed	Jun-2018 A	-	3,831
V-L7000-P1B-Beech & HWY 46	1	Closed	Mar-2018 A	-	3,560
V-L7000-P1B-Rd 68 & Ave 232	1	Closed	Jan-2018 A	-	2,000
V-L7000-P1B-Rd 96 & Ave 198	1	Closed	Oct-2017 A	-	2,225
V-L7000-P1B-Visalia Stn	2	Closed	Jul-2018 A	-	555
V-Adelanto-P1B-MLV4	1	Closed	Dec-2017 A	-	735
V-Apple Valley-P1B	1	Closed	May-2018 A	-	1,402
V-Apple Valley-P1B-MLV13	1	Closed	Nov-2017 A	-	416
V-Aviation-P1B-Aviation and 104th	5	Closed	Apr-2017 A	-	9,645
V-Banning 2001	3	Closed	Apr-2016 A	-	1,397
V-Banning-2001-P1B-MLV16A	1	Closed	Oct-2017 A	-	1,432
V-Banning-2001-P1B-MLV14A	1	Closed	May-2017 A	-	1,241
V-Banning-2001-P1B-MLV17A	1	Closed	Apr-2018 A	-	1,930
V-Banning Airport	2	Closed	Apr-2015 A	9	2,108
V-Blythe (Cactus City)-P1B	1	Closed	Jul-2018 A	7	1,835
V-Brea-P1B-Atwood Stn	3	Closed	Jul-2017 A	-	1,085
V-Brea-P1B-Azusa Ave	1	Closed	Mar-2018 A	-	454
V-Brea-P1B-Brea Canyon	3	Closed	Oct-2017 A	-	1,361
V-Brea-P1B-Carbon Canyon	1	Closed	Sep-2017 A	-	489
V-Burbank-P1B-Riverside & Agnes	1	Closed	Oct-2018 A	3	939
V-Carpinteria-P1B-Oxy-Rincon	1	Closed	Apr-2018 A	-	1,237
V-Del Amo Station-P1B	3	Closed	Jan-2018 A	-	1,542
V-Fontana MLVs 4000-4002-P1B-Benson & Chino	1	Closed	Sep-2017 A	-	1,566
V-Fontana 4002-P1B-Etiwand & 4th	1	Closed	Apr-2017 A	-	1,266
V-Glendale-P1B-Monterey	1	Closed	Feb-2018 A	-	539
V-Indio 2016-P1B	2	Closed	Aug-2017 A	-	1,392
V-Indio-2016-P1B-MLV10s	3	Closed	Oct-2017 A	-	1,998
V-Indio-2016-P1B-MLV8s	3	Closed	Jan-2018 A	-	2,148
V-Palowalla-P1B	3	Closed	Feb-2018 A	-	2,192
V-Rainbow 2017	2	Closed	Jul-2018 A	-	1,908
V-Rainbow CV-P1B-Newport & Briggs	1	Closed	Jul-2018 A	(0)	594
V-Rainbow CV-P1B-Rainbow Valley & Pechanga	2	Closed	Aug-2018 A	-	1
V-Rainbow CV-P1B-Ramona & Lakeview	2	Closed	Jul-2018 A	-	466
V-Rainbow CV-P1B-Scott & El Centro	2	Closed	Sep-2018 A	-	515
V-Rainbow-P1B-MLV5	3	Closed	Oct-2018 A	-	1,998
V-SB County-P1B-Lions	1	5-Close-Out	Jul-2018 A	15	2,860
V-Spence Station-P1B	2	Closed	Dec-2017 A	-	1,624
V-Taft-P1B-Buttonwillow	1	Closed	Apr-2017 A	-	1,419
V-Taft-P1B-7th Standard	1	Closed	Sep-2017 A	-	1,357
V-Taft-P1B-Hageman & Runfro	2	Closed	Nov-2018 A	-	8,150
V-Taft-P1B-Sycamore	1	Closed	Aug-2017 A	-	1,340
V-Victorville COMMS-P1B-MLV11	1	Closed	Oct-2018 A	-	309
V-Victorville COMMS-P1B-MLV12	1	Closed	Nov-2017 A	-	529
V-Wilmington-P1B Lecouver Ave & F St	3	4-Construction	Oct-2018 A	7	608
V-Wilmington-P1B Eubank Stn	2	Closed	Mar-2018 A	-	796
V-Wstrn Del Rey Bdle-P1B-Mississippi & Armacost	1	Closed	Nov-2017 A	-	495
V-SL35-20-GRC-University and Jamboree	1	1-Initiation & Business Case	Oct-2022	4	12
V-L8123-GRC-Beech and Petrol	1	1-Initiation & Business Case	Aug-2022	-	-
V-SL35-20-GRC-Bristol and Jamboree	3	1-Initiation & Business Case	Nov-2022	-	-
Total SoCalGas Active Valve Projects				4,326	420,980

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix B - SoCalGas/SDG&E PSEP Valve Project List with Costs as of January 2021

Table 2 - SDG&E Active Valve Projects

Valve Project	PSEP Valves ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date ⁽³⁾	Actuals ⁽⁴⁾ (in \$1,000)	Project-to-Date Actuals ⁽⁴⁾ (in \$1,000)
2018 Reasonableness Review Application (A.18-11-010)					
V-1600 Bundle	16	Closed	Dec-2014 A	-	444
V-3010 Bundle	9	Closed	Dec-2014 A	-	282
V-3100 and 2010 FM	2	Closed	Oct-2016 A	-	279
V-3600 Bundle	12	Closed	Mar-2015 A	-	5,320
V-49-28	1	Closed	Oct-2016 A	-	1,772
Future Filing					
V-1601 Ultrason	1	Closed	Apr-2018 A	-	823
V-49-11 & 49-27	1	Closed	Sep-2016 A	-	1,906
V-49-16 RCV	4	Closed	Aug-2017 A	-	2,291
V-49-18 MVH	1	Closed	Oct-2017 A	-	867
V-49-23	1	Closed	Sep-2018 A	-	2,643
V-49-32-L RCV	1	Closed	Aug-2016 A	-	2,497
Total SDG&E Active Valve Projects				-	19,123

Tables 1 and 2 - Project Footnotes:

- (1) Number subject to change based on design and constructability. Backflow Prevention (BFP2) and Flow Meters (FM) are for check valves, regulatory station modifications and communication sites. Counts do not include BFP1 (regulator station modification) projects.
- (2) Project Lifecycle Stage represents the stages of a pipeline project's lifecycle: Stage 1-Initiation & Business Case, Stage 2-Preliminary Design and Option Selection & Option Selection, Stage 3-Detailed Design and Procurement, Stage 4-Construction, Stage 5-Close-out, and Closed. As of October 2020, Stage 1 is renamed to "Initiation & Business Case", Stage 2 is renamed to "Preliminary Design and Option Selection & Option Selection" and Stage 3 is renamed to "Detailed Design & Procurement".
- (3) The "A" at the end of the date indicates that construction has begun or completed.
- (4) Total project-to-date costs include direct costs, indirect costs, and applicable loaders.
- (5) TBD - Information will be updated in the future.

Table 3 - SoCalGas Valve Projects Remediated or Removed

Valve Project	Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
V-L115-P1B-Walnut	-	154
V-235-198.20	-	(0)
V-L247 Goleta-P1B	-	59
V-L2002-P1B	-	7
V-L37-18F	-	-
V-SL38-504-GRC-Hanford Armona And Front	-	0
V-L3000-GRC-Mercury Mtn	-	(0)
V-L4002 MP 67.00 MLV	-	395
V-L4002 MP 72.70-P1B	-	-
V-L4000-P1B-Cajon Junction	-	0
V-L4002 MP 86.44-FM-P1B	-	(0)
V-L765-P1B-Fairmont & Faircourt	-	-
V-L765-P1B-Mission & Workman	-	-
V-L85 Templin Highway MP 137.99-P1B	-	107
V-L8109-GRC-Apache Canyon	-	30
V-Blythe COMMs-P1B	-	-
V-Blythe-GRC-Shaver Summit	-	-
V-Blythe-P1B-Desert Center Station	-	0
V-CABAZON-GRC-DEEP CREEK RD	-	-
V-Goleta-P1B-More Ranch Rd	-	130
V-Lampson Check Valves-P1B	-	20
V-Los Alamitos	-	250
V-Needles COMMs-P1B	-	-
V-SFV Olympic-GRC-Chatsworth St	-	0
V-Quigley Station	-	108
V-Rainbow CV-P1B-Rancho California & Margarita	-	-
V-Yorba Station-P1B	-	16
V-SL43-121-GRC-UCLA South	2	346
V-L765-GRC-Abbot & Atlantic	-	(0)
V-Aviation-GRC-190th & Green	2	373
V-L765-GRC-Farragut & Anaheim	-	-
Total SoCalGas Valve Projects Remediated or Removed	4	1,993

Tables 3 - Project Footnotes:

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

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix C - SoCalGas/SDG&E Records Review and Interim Safety Measure Costs as of January 2021

Table 1 - SoCalGas Records Review and Interim Safety Measure Costs

Cost Type	Actuals ⁽¹⁾ (in \$1,000)	Project-to-Date Actuals ⁽¹⁾ (in \$1,000)
Leak Survey and Pipeline Patrol	-	1,820
Records Review	-	15,822
Pressure Protection Equipment	-	312
Other Remediation	-	482
Total SoCalGas Records Review and Interim Safety Measure Costs	-	18,436

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

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

Tables 1 and 2 - Footnotes:

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

SoCalGas and SDG&E PSEP Monthly Pipeline Safety Plan Status Report to the Commission for January 2021

Appendix D - SoCalGas/SDG&E PSEP Total Project Cost Summary as of January 2021

Table 1 - SoCalGas Cost Summary

Cost Type	Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Project Costs	4,495	1,529,362
Active Pipeline Projects ^{A,K}	4,495	1,528,029
Remediated or Removed Pipeline Projects	-	1,333
Total Valve Project Costs	4,331	422,973
Active Valve Projects ^{A,C,F,K}	4,326	420,980
Remediated or Removed Valve Projects	4	1,993
Total Records Review and Interim Safety Measure Costs^{A,E}	-	18,436
Total Pipeline and Valve Other Costs	21	34,387
Methane Detectors	-	375
Communications ⁽¹⁾	-	43
Construction ⁽¹⁾	-	1,246
Engineering ⁽¹⁾	-	642
Training ⁽¹⁾	-	26
Gas Control ⁽¹⁾	-	11
Environmental ⁽¹⁾	-	15
Supply Management ⁽¹⁾	-	2,150
General Administration ⁽¹⁾	12	18,497
Program Management Office ⁽¹⁾	10	11,383
GRAND TOTAL SOCALGAS PSEP PROJECT COST	8,847	2,005,158

Table 2 - SDG&E Cost Summary

Cost Type	Actuals ^(C) (in \$1,000)	Project-to-Date Actuals ^(C) (in \$1,000)
Total Pipeline Projects	8,585	578,607
Active Pipeline Projects ^{A,K}	8,585	578,607
Remediated or Removed Pipeline Projects	-	0
Total Valve Projects	0	19,123
Active Valve Projects ^{A,C,F,K}	0	19,123
Remediated or Removed Valve Projects	n/a	n/a
Total Records Review and Interim Safety Measure Costs^{A,E}	-	1,422
Other Costs	(9)	4,000
Methane Detectors	-	117
Communications ⁽¹⁾	-	8
Construction ⁽¹⁾	-	0
Engineering ⁽¹⁾	-	(0)
Training ⁽¹⁾	-	(0)
Gas Control ⁽¹⁾	-	(0)
Environmental ⁽¹⁾	-	-
Supply Management ⁽¹⁾	-	2,824
General Administration ⁽¹⁾	-	1,041
Program Management Office ⁽¹⁾	(9)	10
GRAND TOTAL SDG&E PSEP PROJECT COST	8,576	603,151

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 January 2021 and project-to-date costs from May 2012 to January 2021.

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

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

(D) As of January 2021, the SoCalGas balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$688,025 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 \$46.2 million of amortization revenues to-date.

(E) As of January 2021, the SDG&E balance in the Pipeline Safety and Reliability Memorandum Account (PSRMA) reflects a balance of \$534 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).

(F) As of January 2021, the SoCalGas balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$22,649,974 which includes balancing account interest and reflects approximately \$135.8 million of amortization revenues to-date.

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

(H) As of January 2021, the SDG&E balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$3,752,869 which includes balancing account interest and approximately \$11.0 million of amortization revenues to-date.

(I) As of January 2021, the SoCalGas balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$224,265,315 which includes balancing account interest and reflects approximately \$394.0 million of amortization revenues to-date.

(J) As of January 2021, the SDG&E balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$75,670,048 which includes balancing account interest and approximately \$88.9 million of amortization revenues to-date.

(K) As of January 2021, the SoCalGas balance in the Pipeline Safety Enhancement Plan (Phase 2) Memorandum Account (PSEP-P2MA) reflects a balance of \$7,182,220 which includes balancing account interest.