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December 1, 2016

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

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

RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline Safety Enhancement Plan Status Report-October 2016

Dear Mr. Randolph and Ms. Malashenko:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for October 2016 as required per D.12-04-021. D.12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission's Energy Division and Safety and Enforcement Division (formerly CPSD) as our plan is implemented.

The Pipeline Safety Enhancement Plan monthly status report for October 2016 reflects a new format which is intended to increase reporting efficiency. The following changes have been made:

1. Consolidated Appendix A and B
2. Changed Appendix D for PSEP valve projects to be called as Appendix B
3. Added monthly direct spend to Appendix B for the valve projects for SoCalGas and SDG&E

The newly formatted report is comprised of the following components:

1. Appendix A (Pipeline Active Projects table with cost & Removed or Remediated Projects Table with Costs)
2. Appendix B (Active Valve Projects List with Costs)
3. Appendix C (Records Review and Interim Safety Measure Costs)

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

Sincerely,

 /s/ *Brian Hoff*

Brian Hoff
Regulatory Case Manager

Attachment

CC: Belinda Gatti, CPUC Energy Division
Jean Spencer, CPUC Energy Division
Sunil Shori, CPUC Safety and Enforcement Division
Kenneth Bruno, CPUC Safety and Enforcement Division

October 2016 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 October 2016.

II. Current Status

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

Pipelines:

1. New construction activity began on 2 pipeline projects
 - 2000-West Santa Fe Springs Sta. (Santa Fe Springs)
 - 30-18 Section 3 (Los Angeles)
2. 18 pipeline projects are in Construction (Stage 5)
3. 12 pipeline projects are in Start Up/Turnover (Stage 6)
4. 41 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 6 valve projects
 - Fontana MLVs 4000-4002 (Chino)
 - 235-335 East (Little Rock Station)
 - L1018-P1B (Irvine, Lake Forest, Laguna Niguel, Dana Point)
 - 404-406 Ventura 2016 Bundle (Ventura)
 - 49-28 (San Diego)
 - 3011 and 2010 (San Diego)
2. 39 valve projects are in construction/turnover (Stages 5-6)
3. 6 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 B 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 Active Pipeline Projects Table, Footnote 16:
The difference of \$10K from September to October 2016 project-to-date costs for “Total SCG PSEP Pipeline and Valve Projects” is a result of a transfer of projects “41-116 BP1”, “41-201” and “41-17-F” from the active projects table to the remediated or removed table. There is no actual cost increase/decrease, only re-classification.
- Appendix B, SoCalGas Active Valve Projects Table, Footnote 19:
Minor variances in total balance of SoCalGas’ Valves from Appendix A and B are due to rounding.

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix A Active Projects List

Pipeline-SoCalGas								
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for October 2016 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in October 2016	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (in \$1,000)	
2000 ⁽³⁾	1	117.6 ⁽³⁾		1947				
2000-A			Closed		Jun-13	-	22,427	
2000-Bridge			3-Project Definition		Jul-17	13	465	
2000-West ⁽⁶⁾								
2000-West Section 1,2,3			7-Close-out		Jul-14	-	23,201	
2000-West Santa Fe Springs Sta.			5-Construction		Oct-16	424	3,138	
2001 West ⁽⁴⁾	3	64.10		1950				
2001 West - A			7-Close-out		Apr-14	-	745	
2001 West - B ⁽⁶⁾								
2001 West-B Section 10,11,14			7-Close-out		Aug-14	-	11,872	
2001 West-B Section 17,18,19			7-Close-out		Aug-15	4	5,096	
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽⁶⁾								
2000-C			4-Detailed Design		Jan-17	(398)	5,703	
2001 West - C			4-Detailed Design		Sep-17	11	2,024	
2000-D			3-Project Definition		Jun-18	17	1,317	
2001 West - D			3-Project Definition		Jun-18	11	615	
2000-E	N/A	N/A	2-Selection	N/A	N/A	8	131	
2001 West -E	N/A	N/A	2-Selection	N/A	N/A	29	204	
1005	4	3.50	Closed	1949	Sep-14	-	5,820	
2003 ⁽⁶⁾	6	26.50		1949				
2003			7-Close-out		Aug-14	-	8,817	
2003 Section 2			7-Close-out		Jul-15	2	2,675	
407	7	6.30	7-Close-out	1951	Mar-14	(1)	6,365	
406 ⁽⁶⁾	9	20.70		1951				
406 Section 1,2,2A,4,5			Closed		Aug-14	-	9,681	
406 Section 3			7-Close-out		Jun-16	48	2,672	
235 West	10	3.10	7-Close-out	1957	Jun-14	-	3,406	
1013	11	3.50	Closed	1954	Jul-14	8	2,428	
1015	12	7.85	Closed	1954	Aug-14	225	2,459	
1004	13	19.70	7-Close-out	1944	May-15	(198)	12,645	
404 ⁽⁶⁾	14	37.80		1949			15	
404 Section 1			7-Close-out		Sep-15	5	2,535	
404 Section 2			7-Close-out		Sep-15	136	3,947	
404 Section 2A			4-Detailed Design		Mar-17	(24)	132	
404 Section 3,7&8,8A			7-Close-out		Feb-14	-	8,630	
404 Section 3A			6-Start Up/Turnover		Aug-16	1,384	4,252	
404 Section 4&5			7-Close-out		Sep-15	13	6,111	
404 Section 4A			4-Detailed Design		Jan-18	11	619	
404 Section 9			7-Close-out		Jun-16	3	1,861	
44-137	15	1.00	7-Close-out	1950	Nov-14	870	24,519	
2000-0.18-BO Crossover Piping ⁽⁵⁾			3-Project Definition		Jul-17			
2000-0.18-BO	23	0.01		1952		-	-	
2000-0.18-XO1	43	0.01		1952		-	273	
2000-0.18-XO2	16	0.01		1961		-	-	
1014	18	0.003	Closed	1959	Oct-14	-	825	
43-121 ⁽⁶⁾	22	4.41		1930				
43-121 North			5-Construction		Aug-16	4,041	10,691	
43-121 South			6-Start Up/Turnover		Aug-14	1,439	27,015	
33-120 ⁽⁶⁾	24	1.25		1940				
33-120 Section 1			4-Detailed Design		Jun-17	19	2,858	
33-120 Section 2			7-Close-out		Jun-14	-	7,052	
33-120 Section 3			4-Detailed Design		Jan-17	25	1,846	
45-120 ⁽⁶⁾	25	4.30		1930				
45-120 Section 1			7-Close-out		Mar-14	1	5,819	
45-120 Section 2			5-Construction		Sep-14	5,447	42,634	
32-21 ⁽⁶⁾	26	10.23		1948				
32-21 Section 1			7-Close-out		May-15	1	11,020	
32-21 Section 2			6-Start Up/Turnover		Jun-16	435	3,165	
32-21 Section 3			6-Start Up/Turnover		Sep-16	1,156	1,868	
41-6000-2 ⁽⁹⁾	27	39.95	Various	1948	Various	327	75,717	
36-9-09 North ⁽⁶⁾	29	16.02		1932				
36-9-09 North Section 1			6-Start Up/Turnover		May-15	318	39,753	
36-9-09 North Section 2A			4-Detailed Design		Jul-18	(2)	86	
36-9-09 North Section 2B			Closed		Jun-14	-	2,957	
36-9-09 North Section 3			7-Close-out		Dec-14	78	23,895	
36-9-09 North Section 4 ⁽¹²⁾			5-Construction		Sep-14	(59)	8,177	
36-9-09 North Section 5						(20)	8,912	
36-9-09 North Section 5A			6-Start Up/Turnover		Feb-16	(79)	1,802	
36-9-09 North Section 5C ⁽⁶⁾			4-Detailed Design		Dec-16	10	324	
36-9-09 North Section 6A			Closed		Mar-15	-	2,693	
36-9-09 North Section 6B			3-Project Definition		Oct-17	14	1,109	
36-9-09 North Section 7A			5-Construction		Sep-16	1,700	3,300	
36-9-09 North Section 7B			7-Close-out		May-15	(20)	23,448	

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix A Active Projects List

Pipeline-SoCalGas							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for October 2016 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in October 2016	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (in \$1,000)
1011	36	5.14	Closed	1955	Jul-14	-	2,418
36-37	38	0.02	7-Close-out	1970	May-14	-	1,044
42-66-1&2 ⁽¹⁰⁾			Closed		Oct-13		
42-66-1	40	0.04		1947		-	681
42-66-2	41	0.03		1947		-	-
37-18 ⁽⁶⁾	45	4.16		1945			
37-18			5-Construction		Oct-14	187	35,169
37-18 Section 5			4-Detailed Design		Mar-17	-	-
37-18-F	46	2.06	6-Start Up/Turnover	1946	Aug-16	915	5,286
37-18-K	12	2.85	3-Project Definition	1949	Jun-17	30	222
30-18 ⁽⁶⁾	47	2.58		1943			
30-18			5-Construction		Jul-14	54	23,199
30-18 Section 3			5-Construction		Oct-16	-	-
44-654	50	0.01	7-Close-out	1957	Jun-14	-	1,825
31-09 ⁽¹³⁾	52	12.81	7-Close-out	1958	Jul-15	13	20
37-07	53	2.68	7-Close-out	1945	Sep-14	(7)	26,385
33-121 (REPL) ⁽¹⁴⁾	59	0.16	3-Project Definition	1955	Jun-17	(7)	1,270
41-6001-2	63	0.005	3-Project Definition	1967	Mar-17	-	246
36-1032 (REPL) ⁽¹⁴⁾	64	1.54	7-Close-out	1963	May-14	-	10,008
36-1032 Section 4	N/A	N/A	4-Detailed Design	1963	Jun-17	1	1,345
41-30-A	80	0.26	Closed	1940	Jul-14	-	431
41-30 ⁽¹⁵⁾	82	3.95	N/A	1953	N/A	-	66
38-200	86	0.23	7-Close-out	1948	Apr-16	43	7,257
45-120X01	87	0.01	Closed	1930	Sep-13	-	750
38-501 ⁽⁶⁾	89	1.98		1952			
38-501 Section 1			7-Close-out		Jun-15	27	5,179
38-501 Section 2			5-Construction		Aug-16	4,361	9,162
36-1002	96	0.21	7-Close-out	1928	May-15	8	1,755
44-687	99	0.23	7-Close-out	1946	Sep-14	11	5,014
38-512 ⁽⁶⁾	106	4.78		1939			
38-512			7-Close-out		Mar-15	59	27,442
38-512 Section 3			3-Project Definition		Jun-17	3	213
44-1008 Section 2B ⁽⁶⁾	107	10.06	4-Detailed Design	1937	Oct-17	3	1,218
35-20-N	113	0.010	Closed	1929	Aug-14	-	231
38-539	124	12.08	7-Close-out	1964	Oct-14	1	15,477
38-556	N/A	N/A	3-Project Definition	N/A	N/A	39	660
36-9-21	126	5.06	3-Project Definition	1950	Sep-17	21	843
44-720	132	1.17	7-Close-out	1947	Jun-15	4	9,632
41-116	142	0.006	4-Detailed Design	1957	Nov-16	-	13
225	N/A	N/A	4-Detailed Design	1959	Mar-18	(2)	2,494
235W Sawtooth Canyon	N/A	N/A	Closed	1957	Oct-14	-	1,884
38-931	N/A	N/A	4-Detailed Design	1942	Jan-17	98	1,596
38-504	N/A	N/A	6-Start Up/Turnover	1952	Sep-16	534	3,042
38-514 ⁽⁶⁾	N/A	N/A		1945			
38-514 Section 1			7-Close-out		May-16	(226)	1,744
38-514 Section 2			7-Close-out		Feb-16	54	11,329
36-9-09 South	N/A	N/A	7-Close-out	1951	Apr-16	(29)	1,949
36-9-09-JJ	N/A	N/A	6-Start Up/Turnover	1920	Jun-16	89	1,357
85 ⁽¹³⁾	N/A	N/A	3-Project Definition		TBD	104	3,214
85 South Newhall	N/A	N/A	7-Close-out	1931	Dec-14	109	8,504
404-406 Somis Station ⁽¹¹⁾	N/A	N/A	4-Detailed Design	1951	Jun-17	162	952
Storage (7)	-	2.83		various			
Playa Del Rey Phase 1&2			Closed		Aug-13	-	648
Playa Del Rey Phase 5			Closed		Mar-15	-	1,933
Goleta			4-Detailed Design		Apr-17	(35)	218
128-P1B-01			2-Selection		May-17	-	42
36-1001-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1925	Mar-18	(40)	131
36-1032-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	May-18	-	279
PSEP-SL36-1032-P1B-11	N/A	N/A	N/A	N/A	N/A	16	263
PSEP-SL36-1032-P1B-12	N/A	N/A	N/A	N/A	N/A	41	310
PSEP-SL36-1032-P1B-13	N/A	N/A	N/A	N/A	N/A	90	319
PSEP-SL36-1032-P1B-14	N/A	N/A	N/A	N/A	N/A	82	297
36-37-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1927	May-18	10	176
PSEP-SL36-37-P1B-11	N/A	N/A	N/A	N/A	N/A	74	1,188
PSEP-SL36-37-P1B-12	N/A	N/A	N/A	N/A	N/A	111	968
PSEP-SL36-37-P1B-11	N/A	N/A	N/A	N/A	N/A	-	-
PSEP-SL36-37-P1B-12	N/A	N/A	N/A	N/A	N/A	-	-
36-1002-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	Jun-18	50	779
PSEP-SL36-1002-P1B-11	N/A	N/A	N/A	N/A	N/A	1	194
PSEP-SL36-1002-P1B-12	N/A	N/A	N/A	N/A	N/A	(28)	87
PSEP-SL36-1002-P1B-13	N/A	N/A	N/A	N/A	N/A	-	77
PSEP-SL36-1002-P1B-14	N/A	N/A	N/A	N/A	N/A	-	56

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix A Active Projects List

Pipeline-SoCalGas								
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for October 2016 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in October 2016	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (in \$1,000)	
43-121-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1930	Oct-18	25	291	
45-1001-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1925	Oct-18	61	329	
38-931-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1942	Nov-18	-	49	
36-9-09N-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1920	Mar-18	8	884	
PSEP-SL36-9-09N-P1B-12	N/A	N/A				67	301	
PSEP-SL36-9-09N-P1B-14	N/A	N/A				49	410	
PSEP-SL36-9-09N-P1B-15	N/A	N/A				146	408	
PSEP-SL36-9-09N-P1B-16	N/A	N/A				111	464	
38-101-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1921	Apr-18	136	673	
38-960-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1928	May-18	100	1,505	
44-1008-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1937	May-18	-	2	
38-143-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1939	Nov-18	30	332	
38-1102-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1938	May-18	20	396	
7043-P1B-01 ⁽¹³⁾	N/A	N/A	1-Project Initiation	1930	Mar-18	(2)	59	
127-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1944	Apr-18	-	219	
1004-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1945	Jul-18	42	416	
38-KWB-P1B-01	N/A	N/A	7-Close-out	Various	Oct-15	18	1,676	
38-514-P1B-01 ⁽¹³⁾	N/A	N/A	3-Project Definition	1945	Mar-18	65	379	
103-P1B-01 ⁽¹³⁾	N/A	N/A	2-Selection	1941	Jan-18	-	35	
41-17	57	3,580	5-Construction	1955	Sep-16	1	57	
Valves- SCG						4,022	144,369	
Methane Detectors						-	322	
Communications *						43	1,110	
Construction *						105	3,066	
Engineering *						190	7,157	
Training *						25	1,190	
Gas Control *						1	67	
Environmental *						6	473	
Supply Management *						22	4,101	
General Administration *						337	12,564	
Program Management Office *						63	4,279	
Total SoCalGas PSEP Pipeline and Valve Projects						30,151	921,835	

*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.

Overall Financial Footnotes:

- (A) Costs reflect actuals for the month of October and project-to-date costs from May 2012 to October 2016.
- (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 October 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$45,228,249 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 \$1.3 million of amortization revenues to-date (\$0.6 million monthly).
- (F) As of October 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,932 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (G) As of October 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$110,953,446 which includes balancing account interest and reflects approximately \$7.0 million of amortization revenues to-date (\$3.5 million monthly).
- (H) As of October 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$8,153,541 which includes balancing account interest and approximately \$500K of amortization revenues (\$250K monthly). 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.
- (I) As of October 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$61,741,145 which includes balancing account interest and reflects approximately \$2.5 million of amortization revenues to-date (\$1.2 million monthly).
- (J) As of October 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$10,016,218 which includes balancing account interest and approximately \$400K (\$200K monthly) of amortization revenues.

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) The number shown, e.g. 67% is the stress level of the majority of the pipe segments.
- (3) 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."
- (4) 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."
- (5) 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".
- (6) 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.
- (7) 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.
- (8) Project 44-1008 has been renamed to project "44-1008 Section 2B".
- (9) 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.
- (10) Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2".
- (11) Project "Somis Station" has been renamed to "404-406 Somis Station".
- (12) Projects "36-9-09 North Section 4A" and "36-9-09 North Section 4B" have been merged as one project "36-9-09 North Section 4".
- (13) 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.
- (14) Project name has been changed to include "(REPL)" at the end of the project name.
- (15) Project 41-30 is in the process of being descope.
- (16) The difference of \$10K from September to October 2016 project-to-date cost for "Total SCG PSEP Pipeline and Valve Projects" is a result of transfer of projects "41-116 BP1", "41-201" and "41-17-F" from the active projects table to remediated or removed table. There is no actual cost increase/decrease, only re-classification.

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix A Active Projects List

Pipeline-SDG&E								
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage for October 2016 ⁽¹⁾	Predominant Vintage	Construction Start Date (Est.) Reported in October 2016	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (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	566	16,800	
49-28	1	4.89	5-Construction	1932	Sep-14	23	36,592	
49-17	2	5.812		1948				
49-17 East			5-Construction		Jun-15	2,476	41,823	
49-17 West			5-Construction		Oct-14	95	17,557	
49-25	4	2.278	5-Construction	1960	Aug-14	425	20,980	
49-32 (REPL) ⁽¹⁴⁾	5	0.06	7-Close-out	1950	Jun-14	(4)	3,576	
49-16 ⁽⁶⁾	6	9.590		1955				
49-16 Pipeline			5-Construction		Mar-15	43	10,531	
49-16 4th & Palm			4-Detailed Design		Jun-17	12	445	
49-16 Gate Station			4-Detailed Design		Jun-17	7	290	
49-11	7	6.30	6-Start Up/Turnover	1969	Jun-15	155	5,173	
49-26	10	2.615	5-Construction	1958	Oct-14	467	29,032	
49-14	14	2.45	7-Close-out	1959	Sep-14	-	4,046	
49-15 ⁽⁶⁾	15	6.60		1950				
49-15 (REPL)			5-Construction		Nov-15	2,596	19,879	
49-15 Transmission			5-Construction		Nov-15	110	5,919	
49-22	16	4.04	7-Close-out	1951	Apr-14	-	4,054	
49-13	18	3.46	6-Start Up/Turnover	1959	Jul-15	275	21,222	
49-32-L	N/A	0.115	5-Construction	1965	Aug-16	1,476	4,379	
49-20	3	0.040	N/A	N/A	Nov-16	-	-	
Valves						1	5,391	
Methane Detectors						-	104	
Communications *						2	10	
Construction *						(52)	186	
Engineering *						3	300	
Training *						-	57	
Gas Control *						-	10	
Environmental *						(3)	43	
Supply Management *						(14)	294	
General Administration *						15	1,091	
Program Management Office *						17	296	
Total SDG&E PSEP Pipeline and Valve Projects						8,690	250,522	

*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.

Overall Financial Footnotes:

- (A) Costs reflect actuals for the month of October and project-to-date costs from May 2012 to October 2016.
- (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 October 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$45,228,249 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 \$1.3 million of amortization revenues to-date (\$0.6 million monthly).
- (F) As of October 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,932 which includes regulatory account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).
- (G) As of October 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBEA) reflects a balance of \$110,953,446 which includes balancing account interest and reflects approximately \$7.0 million of amortization revenues to-date (\$3.5 million monthly).
- (H) As of October 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBEA) reflects a balance of \$8,153,541 which includes balancing account interest and approximately \$500K of amortization revenues (\$250K monthly). 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 SEEBEA, Safety Enhancement Capital Cost Balancing Account (SECCBA) and PSRMA.
- (I) As of October 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$61,741,145 which includes balancing account interest and reflects approximately \$2.5 million of amortization revenues to-date (\$1.2 million monthly).
- (J) As of October 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$10,016,218 which includes balancing account interest and approximately \$400K of amortization revenues (\$200K monthly).

Project Footnotes:

- (6) 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.
- (14) 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 October 2016

Appendix A

Projects Remediated or Removed

Pipeline-SoCalGas		
Pipeline Project	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (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	-	41
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	-	32
Line 41-25	-	1
Line 41-201	-	3
Line 41-207BR1	-	76
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	-	15
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 35-6520	-	38
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 October 2016

Appendix A

Projects Remediated or Removed

Pipeline-SoCalGas		
Pipeline Project	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (in \$1,000)
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408X01	-	-
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	-	-
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	-	34
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	-	679

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix A

Projects Remediated or Removed

Pipeline-SDG&E		
Pipeline Project	October 2016 Actuals (in \$1,000)	Project-to-Date as of October 2016 (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 October 2016

Appendix B - Active Valve Projects List					
Valve Projects	Oct-16 No. of Valves ⁽¹⁾	October-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in October-16	October-16 Actuals (in \$1,000)	Project-To-Date Total (in \$1,000)
Valves-SoCalGas					
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	Stage 7 Close-out / Reconciliation	Jun-14	(35)	6,754
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	56	12,335
407 Sullivan Canyon-P1B ^{(7),(12)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	(27)	1,089
Victoria Station	4	Closed	Dec-14	-	1,532
Alhambra Station	3	Stage 7 Close-out / Reconciliation	Apr-15	5	3,036
Pixley Station	3	Closed	Nov-14	-	1,339
2001W Seg 10-11-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	(277)	491
SGV	3	Stage 7 Close-out / Reconciliation	Feb-15	3	5,037
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	22	7,692
Blythe ⁽³⁾					
Blythe (Cactus City)-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	-	841
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	-	409
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	(16)	2,159
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	8	4,606
Palowalla-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	(20)	2,173
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	14	1,182
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	20	8,947
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	(5)	6,995
404-406 Valley	7	Stage 5-6 Construction / Turnover	Sep-15	(13)	2,704
Indio ⁽⁴⁾					
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	8	2,191
Indio 2016-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	3	740
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	Jun-18	-	101
Santa Barbara - 1005 ⁽¹⁰⁾	1	Closed	Mar-15	1	402
L4000 MP 45.36 ⁽⁹⁾	1	Stage 5-6 Construction / Turnover	Sep-16	74	396
L4000 MP 53.00 ⁽⁸⁾	3	Stage 7 Close-out / Reconciliation	May-15	6	1,838
L4000 MP 69.00 MLV-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	4	573
L4000 MP 80.08 MLV	3	Stage 7 Close-out / Reconciliation	May-15	-	1,239
L4002 MP 67.00 MLV ⁽⁶⁾	N/A	N/A	N/A	-	437
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	37	6,013
L1014 Olympic	6	Stage 5-6 Construction / Turnover	Feb-16	633	6,247
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	73	2,733
Banning 2001	6	Stage 5-6 Construction / Turnover	Apr-16	34	1,624
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	(15)	3,079
Quigley Station ⁽⁶⁾	N/A	N/A	N/A	-	29
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	248	1,866
Aviation	10	Stage 5-6 Construction / Turnover	May-16	185	7,466
404 Ventura	4	Stage 5-6 Construction / Turnover	Feb-16	18	3,635
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	17	3,354
Honor Ranch - L225	5	Stage 5-6 Construction / Turnover	May-16	461	1,883
Los Alamitos ⁽⁶⁾	N/A	N/A	N/A	-	239
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	(3)	467
Fontana MLVs 4000-4002	3	Stage 5-6 Construction / Turnover	Oct-16	89	927
Fontana Bundle - L4002	1	Stage 7 Close-out / Reconciliation	Jul-15	5	1,034
SL45-120 Section 2-P1B ^{(5),(12)}	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	4	183
235-335 East	2	Stage 5-6 Construction / Turnover	Oct-16	543	1,225
L1017-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	28	313
L1018-P1B ⁽¹²⁾	10	Stage 5-6 Construction / Turnover	Oct-16	92	690
L2000 Beaumont Riverside ⁽¹¹⁾					
L2000 Beaumont 2015 ⁽¹⁸⁾	3	Stage 5-6 Construction / Turnover	Aug-15	95	2,701
L2000 Beaumont 2016 ⁽¹⁸⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	-	-
L7000-P1B ⁽¹²⁾	9	Stage 5-6 Construction / Turnover	Sep-16	515	1,589
Taft-P1B ⁽¹²⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	8	779

Rainbow Bundle ⁽¹⁷⁾					
Rainbow ⁽¹⁷⁾	10	Stage 5-6 Construction / Turnover	May-16	173	3,769
Rainbow 2017 ⁽¹⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	19	22
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	182	2,882
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	-	9
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	406	2,068
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	-	84
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	31	288
Adelanto-P1B ^{(12),(13)}	4	N/A	Sep-17	-	4
Apple Valley-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	12	172
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	1	27
Blythe COMMs-P1B ⁽¹²⁾	0	Stage 1 Project Initiation	Jun-18	-	3
Del Amo Station-P1B ^{(12),(13)}	6	N/A	Sep-18	2	7
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	7	164
Haskell Station FM-P1B ^{(12),(13)}	1	N/A	Feb-18	-	5
L2002-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	-	5
L4000 Victorville-P1B ⁽¹²⁾	13	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	2	6
L6916-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	133	265
Needles COMMs-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	-	3
Pico-P1B ^{(12),(13)}	8	N/A	May-18	-	87
Wilmington-P1B ^{(12),(13)}	5	N/A	Dec-18	1	216
L4002 MP 72.70-P1B ^{(12),(13)}	1	N/A	Sep-19	-	4
Brea Hacienda Bundle-P1B ⁽¹²⁾	10	Stage 1 Project Initiation	Oct-18	7	14
L4002 MP 86.44-FM-P1B ^{(12),(13)}	1	N/A	Jul-18	2	14
Yorba Station-P1B ^{(12),(13)}	1	N/A	Jan-19	1	2
Lampson Check Valves-P1B ⁽¹³⁾	1	Stage 1 Project Initiation	Aug-18	(4)	3
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	1	5
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	-	22
Glendale Bundle-P1B ⁽¹³⁾	10	N/A	Dec-18	2	6
Western/Del Rey Bundle-P1B ⁽¹³⁾	9	N/A	May-19	-	7
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	-	3
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 5-6 Construction / Turnover	Sep-16	61	263
Victorville COMMs-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	(13)	118
Ventura Station Bundle-P1B ^{(12),(13),(16)}	6	N/A	Jun-17	-	3
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Mar-18	-	5
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	-	14
404-406 Ventura 2016 Bundle	3	Stage 5-6 Construction / Turnover	Oct-16	(11)	269
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	May-17	97	439
Spence Station-P1B ⁽¹²⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	2	16
Carpenteria Bundle-P1B ^{(12),(16)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	1	28
Santa Barbara Bundle-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	5	28
Goleta Bundle-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	1	65
L115 Bundle-P1B ⁽¹³⁾	12	N/A	Mar-18	1	1
Total SoCalGas Valves ⁽¹⁹⁾				4,019	144,369

Valve Projects	Oct-16 No. of Valves ⁽¹⁾	October-16 Project Lifecycle Stage ⁽²⁾	Date (Est.) Reported in October-16	October-16 Actuals (in \$,000)	Total (in \$,000)
Valves-SDG&E					
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	-	126
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	-	232
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	8	3,887
49-11	1	Stage 5-6 Construction / Turnover	Sep-16	(47)	406
49-15 Transmission	2	Stage 5-6 Construction / Turnover	Nov-15	-	-
49-16 RCV ⁽¹⁴⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17		
49-16 RCV (4th & Palm)				1	10
49-16 RCV (La Mesa Gate)				-	12
49-16 RCV (Mass&Main)				2	151
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	14	513
49-28	1	Stage 5-6 Construction / Turnover	Oct-16	20	45
3011 and 2010	2	Stage 5-6 Construction / Turnover	Oct-16	3	9
Total SDG&E Valves				1	5,391

(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) Valve Project "Rainbow" has been split to "Rainbow Bundle" & "Rainbow Bundle 2017". "Rainbow Bundle" and "Rainbow Bundle 2017" now have separate scope, cost and schedule for each of these projects.

(18) The number of valves has changed due to change in project requirements.

(19) Minor variances in Total balance of SoCalGas Valves from Appendix A and B are due to rounding.

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	-	Project-To-Date Total
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	(in \$1,000)	
	-	Project-To-Date Total
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 Table Notes:

(A) Costs reflect actuals for the month of October and project-to-date costs from May 2012 to October 2016.

(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 October 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$45,228,249 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 \$1.3 million of amortization revenues to-date (\$0.6 million monthly).

(F) As of October 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,932 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).