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March 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-January 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 January 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.

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

Sincerely,

 /s/ Shirley Amrany

Shirley Amrany
Regulatory Business Manager

Attachment

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

January 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 January 2016.

II. Current Status

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

Pipelines:

1. No new construction activity for the month of January
2. 20 pipeline projects are in Construction (Stage 5)
3. 37 pipeline projects are in Start Up/Turnover (Stage 6)
4. 11 pipeline projects are in Close-Out (Stage 7)

Valves:

1. No new construction activity for the month of January
2. 27 valve projects are in construction/turnover (Stages 5-6)
3. 13 valve projects are in Close-Out (Stage 7)

III. Costs

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

IV. Attachments

- Appendix A – *PSEP - SoCalGas / SDG&E - Active Pipeline Projects List*
- Appendix B – *SoCalGas and SDG&E PSEP Cost Report to the Commission for January 2016*
- Appendix C – *Records Review and Interim Safety Measure Costs*
- Appendix D – *PSEP - SoCalGas / SDG&E - Active Valve Projects List*

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

V. Notes

- Appendix A, Footnote 15:
 - Line 2000 West has been separated into 2 projects: 2000 West Section 1, 2, 3 and 2000 West Santa Fe Springs Station.
- Appendix A, Footnote 16:
 - Line 2001 West –B has been separated into 2 projects: 2001 West – B Section 10, 11, 14 and 2001 West – B Section 17, 18, 19.
- Appendix A, Footnote 17:
 - Line 2003 has been separated into 2 projects: 2003 and 2003 Section 2.
- Appendix A, Footnote 18:
 - Line 404 has been separated into 8 projects: 404 Section 1, 404 Section 2, 404 Section 2A, 404 Section 3, 7&8, 8A, 404 Section 3A, 404 Section 4&5, 404 Section 4A, and 404 Section 9.
- Appendix A, Footnote 19:
 - Line 38-512 has been separated into 2 projects: 38-512 and 38-512 Section 3.
- Appendix A, Footnote 20:
 - Line 45-120 section 1, the Project Construction Start Date has been revised from October 2014 to March 2014 to reflect the correct construction start date.
- Appendix B, SoCalGas Active Projects Table, Footnote 11:
 - Costs previously coded to Line 85 South was corrected to reflect for Line 85 South Newhall.
- Appendix B, SoCalGas Active Projects Table, Footnote 12:
 - Costs for project lines 404, 406 and 404/406 Somis Station costs were divided up and allocated to the correct projects section and project lines.
- Appendix B: January 2016 GMA credit includes a completed-project GMA reconciliation and the allocation of test head materials to projects.
- SoCalGas' Safety Enhancement Expense Balancing Account (SEEBA) decreased from the December 2015 report due to removal of costs in compliance with D.15-12-020.

PSEP - SCG / SDG&E							
Appendix A - Active Projects List as of January 2016							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Jan-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Jan-16
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾		30	1947	67%	
2000-A			7-Close-out				Jun-13
2000-Bridge			3-Project Definition				Jul-17
2000-West ⁽¹⁵⁾							
Section 1,2,3			6-Start Up/Turnover				Jul-14
Santa Fe Springs Sta.			4-Detailed Design				Apr-16
2001 West ⁽⁴⁾	3	64.10		30	1950	50%	
2001 West - A			6-Start Up/Turnover				Apr-14
2001 West - B ⁽¹⁶⁾							
Section 10,11,14			6-Start Up/Turnover				Aug-14
Section 17,18,19			6-Start Up/Turnover				Aug-15
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽¹⁰⁾							
2000-C			4-Detailed Design				Apr-18
2001 West - C			3-Project Definition				Aug-18
2000-D			3-Project Definition				Dec-18
2001 West - D			3-Project Definition				Mar-19
1005	4	3.50	6-Start Up/Turnover	22	1949	59%	Sep-14
2003 ⁽¹⁷⁾	6	26.50		30	1949	36%	
Line 2003			6-Start Up/Turnover				Aug-14
Line 2003 Section 2			6-Start Up/Turnover				Jul-15
407	7	6.30	7-Close-out	30	1951	36%	Mar-14
406 ⁽⁶⁾	9	20.70		22	1951	60%	
Section 1,2,2A,4,5			6-Start Up/Turnover				Aug-14
Section 3			4-Detailed Design				Mar-16
235 West	10	3.10	6-Start Up/Turnover	30	1957	49%	Jun-14
1013	11	3.50	6-Start Up/Turnover	30	1954	43%	Jul-14
1015	12	7.85	6-Start Up/Turnover	30	1954	43%	Aug-14
1004	13	19.70	6-Start Up/Turnover	16	1944	49%	May-15
404 ⁽¹⁸⁾	14	37.80		18	1949	50%	
Section 1			6-Start Up/Turnover				Sep-15
Section 2			6-Start Up/Turnover				Sep-15
Section 2A			4-Detailed Design				Mar-17
Section 3,7&8,8A			6-Start Up/Turnover				Feb-15
Section 3A			4-Detailed Design				Aug-16
Section 4&5			6-Start Up/Turnover				Sep-15
Section 4A			4-Detailed Design				Jun-17
Section 9			4-Detailed Design				Mar-16
44-137	15	1.00	5-Construction	20	1950	43%	Nov-14
2000-0.18-BO Crossover Piping ⁽⁵⁾			3-Project Definition				Jul-17
2000-0.18-BO	23	0.01		12.75	1952	41%	
2000-0.18-XO1	43	0.01		12.75	1952	41%	
2000-0.18-XO2	16	0.01		20	1961	55%	
1014	18	0.003	7-Close-out	30	1959	48%	Oct-14
43-121 ⁽⁶⁾	22	4.41		26	1930	42%	
43-121 North			4-Detailed Design				Jul-16
43-121 South			5-Construction				Aug-14
33-120 ⁽⁶⁾	24	1.25		22	1940	44%	
Section 1			4-Detailed Design				Jun-16
Section 2			6-Start Up/Turnover				Jun-14
Section 3			4-Detailed Design				Aug-16
45-120 ⁽⁶⁾	25	4.30		22	1930	26%	
Section 1 ⁽²⁰⁾			6-Start Up/Turnover				Mar-14
Section 2			5-Construction				Sep-14
32-21	26	10.23	5-Construction	20	1948	48%	May-15
41-6000-2 ⁽⁹⁾	27	39.95	5-Construction	8.625	1948	26%	Sep-15
36-9-09 North ⁽⁶⁾	29	16.02		8.625	1932	46%	
Section 1			5-Construction				May-15
Section 2A			4-Detailed Design				Jul-18
Section 2B			6-Start Up/Turnover				Jun-14

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Jan-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Jan-16
Pipeline-SCG							
Section 3			6-Start Up/Turnover				Dec-14
Section 4 ⁽¹²⁾			5-Construction				Sep-14
Section 5			4-Detailed Design				Feb-16
Section 6A			6-Start Up/Turnover				Mar-15
Section 6B			3-Project Definition				Mar-18
Section 7A			4-Detailed Design				May-17
Section 7B			6-Start Up/Turnover				May-15
1011	36	5.14	6-Start Up/Turnover	20	1955	34%	Jul-14
36-37	38	0.02	6-Start Up/Turnover	16	1970	26%	May-14
42-66-1&2 ⁽¹³⁾			7-Close-out				Oct-13
42-66-1	40	0.04		12.75	1947	34%	
42-66-2	41	0.03		12.75	1947	34%	
37-18	45	4.16	5-Construction	16	1945	38%	Oct-14
37-18-F	46	2.06	4-Detailed Design	16	1946	38%	Apr-16
37-18-K	12	2.85	2-Selection	20	1949	27%	Jan-17
30-18	47	2.58	5-Construction	16	1943	23%	Jul-14
44-654	50	0.01	6-Start Up/Turnover	6.625	1957	32%	Jun-14
31-09	52	12.81	7-Close-out	24	1958	24%	Jul-15
37-07 ⁽¹⁴⁾	53	2.68	5-Construction	16	1945	28%	Sep-14
33-121	59	0.16	3-Project Definition	26	1955	42%	Apr-17
41-6001-2	63	0.005	3-Project Definition	10.75	1967	44%	May-16
36-1032	64	1.54	6-Start Up/Turnover	8.625	1963	39%	May-14
36-1032 Section 4	N/A	N/A	4-Detailed Design	8.625	1963	39%	Jul-16
41-30-A	80	0.26	7-Close-out	12.75	1940	37%	Jul-14
41-30	82	3.95	3-Project Definition	10.75	1953	31%	Apr-16
38-200	86	0.23	4-Detailed Design	12.75	1948	23%	May-16
45-120X01	87	0.01	7-Close-out	8.625	1930	26%	Sep-13
38-501 ⁽⁶⁾	89	1.98		12.75	1952	43%	
Section 1			6-Start Up/Turnover				Jun-15
Section 2			3-Project Definition				Aug-16
36-1002	96	0.21	6-Start Up/Turnover	8.625	1928	26%	May-15
44-687	99	0.23	6-Start Up/Turnover	8.625	1946	46%	Sep-14
38-512 ⁽¹⁹⁾	106	4.78		6.625	1939	32%	
Line 38-512			6-Start Up/Turnover				Mar-15
Line 38-512 Section 3			3-Project Definition				Jul-16
44-1008 Section 2B ⁽⁸⁾	107	10.06	4-Detailed Design	10.75	1937	39%	Oct-17
35-20-N	113	0.010	7-Close-out	6.625	1929	51%	Aug-14
38-539	124	12.08	6-Start Up/Turnover	10.75	1964	23%	Oct-14
36-9-21	126	5.06	3-Project Definition	10.75	1950	22%	Dec-17
44-720	132	1.17	6-Start Up/Turnover	8.625	1947	46%	Jun-15
41-201	138	0.01	3-Project Definition	4.5	1957	36%	May-16
41-116	142	0.006	3-Project Definition	4.5	1957	30%	May-16
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	May-16
225	N/A	N/A	4-Detailed Design	34	1959	48%	Mar-16
235W Sawtooth Canyon	N/A	N/A	7-Close-out	30	1957	69%	Oct-14
38-931	N/A	N/A	3-Project Definition	8.625	1942	31%	Apr-17
38-504	N/A	N/A	4-Detailed Design	12.75	1952	34%	Jul-16
38-514 ⁽⁶⁾	N/A	N/A		10.75	1945	38%	
Section 1			3-Project Definition				Oct-16
Section 2			4-Detailed Design				Feb-16
36-9-09 South	N/A	N/A	4-Detailed Design	10.75	1951	33%	May-16
36-9-09-JJ	N/A	N/A	4-Detailed Design	6.625	1920	24%	Jun-16
85 South Newhall	N/A	N/A	6-Start Up/Turnover	26	1931	48%	Dec-14
Somis Station	N/A	N/A	3-Project Definition	16	1951	48%	Jun-16
Storage ⁽⁷⁾	-	2.83		various	various	various	
Playa Del Rey Phase 1&2			7-Close-out				Aug-13
Playa Del Rey Phase 5			7-Close-out				Mar-15
Goleta			3-Project Definition				Jul-16
36-1001-P1B-01	N/A	N/A	2-Selection	12.75	1925	31%	Mar-18
36-1032-P1B-01	N/A	N/A	2-Selection	8.625	1928	27%	May-18
36-37-P1B-01	N/A	N/A	3-Project Definition	15	1927	36%	May-18
36-1002-P1B-01	N/A	N/A	3-Project Definition	8.625	1928	26%	Jun-18

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Jan-16 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Jan-16
Pipeline-SCG							
43-121-P1B-01	N/A	N/A	2-Selection	26	1930	31%	Oct-18
45-1001-P1B-01	N/A	N/A	2-Selection	12.75	1925	31%	Oct-18
38-931-P1B-01	N/A	N/A	3-Project Definition	12.75	1942	39%	Nov-18
36-9-09N-P1B-01	N/A	N/A	3-Project Definition	6.625	1920	24%	Mar-18
38-101-P1B-01	N/A	N/A	3-Project Definition	12.75	1921	41%	Apr-18
38-960-P1B-01	N/A	N/A	3-Project Definition	12.75	1928	41%	May-18
44-1008-P1B-01	N/A	N/A	2-Selection	10.75	1937	25%	May-18
38-143-P1B-01	N/A	N/A	3-Project Definition	16	1939	37%	Nov-18
38-1102-P1B-01	N/A	N/A	3-Project Definition	12.75	1938	29%	May-18
7043-P1B-01	N/A	N/A	N/A	12.75	1930	41%	Mar-18
127-P1B-01	N/A	N/A	2-Selection	16	1944	57%	Apr-18
1004-P1B-01	N/A	N/A	2-Selection	16	1945	49%	Jul-18
38-KWB-P1B-01	N/A	N/A	6-Start Up/Turnover	Various	Various	Various	Oct-15
38-514-P1B-01	N/A	N/A	3-Project Definition	10.75	1945	38%	Mar-18
103	N/A	N/A	2-Selection	10.75	1941	42%	Jan-18
Pipeline-SDG&E							
49-28	1	4.89	5-Construction	16	1932	26%	Sep-14
49-17	2	5.812		16	1948	43%	
49-17 East			5-Construction				Jun-15
49-17 West			5-Construction				Oct-14
49-25	4	2.278	5-Construction	16	1960	30%	Aug-14
49-32	5	0.06	6-Start Up/Turnover	16	1950	25%	Jun-14
49-16 ⁽⁶⁾	6	9.590		16	1955	29%	
49-16 Pipeline			5-Construction				Mar-15
49-16 4th & Palm			4-Detailed Design				Mar-17
49-16 Gate Station			4-Detailed Design				Jun-17
49-11	7	6.30	5-Construction	20	1969	31%	Jun-15
49-26	10	2.615	5-Construction	12	1958	24%	Oct-14
49-14	14	2.45	6-Start Up/Turnover	16	1959	30%	Sep-14
49-15 ⁽¹¹⁾	15	6.60		10.75	1950	31%	
49-15 (REPL)			5-Construction				Nov-15
49-15 Transmission			5-Construction				Nov-15
49-22	16	4.04	6-Start Up/Turnover	10.75	1951	36%	Apr-14
49-13	18	3.46	5-Construction	10.75	1959	25%	Jul-15
49-32-L	N/A	0.115	4-Detailed Design	10.75	1965	25%	Feb-16

⁽¹⁾ Stage Categories: - These categories represent seven stages of a pipe 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 it's 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 sections 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⁾ 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⁾ Project "2000-C/2001W-C Desert Bundle" has been separated into 4 projects: 2000-C, 2001 West-C, 2000-D, and 2001 West-D.

⁽¹¹⁾ Project "49-15" has been separated into 2 projects: "49-15 (REPL)" and "49-15 Transmission"

⁽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⁾ Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2"

⁽¹⁴⁾ Project Lifecycle has been revised to reflect their current status.

⁽¹⁵⁾ Project 2000 West has been separated into 2 projects: "2000 West Section 1,2,3" and "2000 West Santa Fe Springs Station"

⁽¹⁶⁾ Project 2000 West-B has been separated into 2 projects: "2000 West - B Section 10,11,14" and "2000 West - B Section 17,18,19"

⁽¹⁷⁾ Project 2003 has been separated into 2 projects: "2003" and "2003 Section 2"

⁽¹⁸⁾ Project 404 has been separated into 8 projects: "404 Section 1", "404 Section 2", "404 Section 2A", "404 Section 3,7&8,8A", "404 Section 3A", "404 Section 4&5", "404 Section 4A" and "404 Section 9"

⁽¹⁹⁾ Project 38-512 has been separated into 2 projects: "38-512" and "38-512 Section 3"

⁽²⁰⁾ Project 45-120 construction start date has been revised from October 2014 to March 2014 to reflect the correct construction start date.

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B Active Projects

SCG	(in \$1,000)	
PSEP Pipeline Projects	January	Project-To-Date Total
Line 85 North	127	126
Line 85 South ⁽¹¹⁾	(5)	(40)
Line 85 South Newhall	77	7,134
Line 103	3	16
Line 127	25	169
Line 128	-	7
Line 225	(1,065)	775
Line 1004	205	10,788
Line 1005	237	5,820
Line 1011	22	2,419
Line 1013	72	2,420
Line 1014	39	824
Line 1015	(2,512)	2,546
Line 2000-A	133	22,559
Line 2000-Bridge	3	389
Line 2000-C	428	5,449
Line 2000-D	249	622
Line 2000-West	1,314	22,718
Line 2000-West Santa Fe Springs Station	73	1,297
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	19	834
Line 2001 West-B	757	11,721
Line 2001 West - B Section 17, 18, 19	84	3,749
Line 2001 West-C	98	1,586
Line 2001 West-D	19	137
Line 2003	266	8,868
Line 2003 Section 2	(95)	2,077
Line 235 West	53	3,396
Line 235 West Sawtooth Canyon	93	1,884
Line 30-18	839	21,756
Line 31-09	40	(184)
Line 32-21	937	10,385
Line 33-120 Section 1	220	2,591
Line 33-120 Section 2	(16)	7,045
Line 33-120 Section 3	88	1,340
Line 33-121	59	1,067
Line 35-20	-	10
Line 35-20-N	8	231
Line 36-9-09 JJ	(11)	356
Line 36-9-09 North	69	401
Line 36-9-09 North Section 1	755	24,675
Line 36-9-09 North Section 2A	1	106
Line 36-9-09 North Section 2B	86	2,815
Line 36-9-09 North Section 3	141	15,775
Line 36-9-09 North Section 4	63	6,965
Line 36-9-09 North Section 5	79	3,029
Line 36-9-09 North Section 6	92	3,496
Line 36-9-09 North Section 7	377	17,521
Line 36-9-09 South	46	709
Line 36-1001	1	55
Line 36-1002	55	1,822
Line 36-1032	596	10,929
Line 36-9-21	16	659
Line 36-37	105	1,939
Line 37-07	659	26,930
Line 37-18	290	27,601
Line 37-18 F	111	2,346

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	January	Project-To-Date Total
Line 37-18 K	4	136
Line 38-101	14	130
Line 38-143	24	107
Line 38-200	59	2,473
Line 38-501 Section 1	220	4,924
Line 38-501 Section 2	139	508
Line 38-504	81	1,218
Line 38-512	542	26,450
Line 38-512 Section 3	42	45
Line 38-514	(26)	-
Line 38-514 Section 1	69	139
Line 38-514 Section 2	436	612
Line 38-539	920	15,511
Line 38-556	3	428
Line 38-931	98	735
Line 38-960	27	589
Line 38-1102	7	150
Line 38-KWB-P1B-01	96	1,294
Line 404 ⁽¹²⁾	-	13
Line 404 Section 1	71	1,869
Line 404 Section 2	71	2,918
Line 404 Section 2A	-	-
Line 404 Section 3,7&8,8A	(169)	8,478
Line 404 Section 3A	(57)	463
Line 404 Section 4&5	36	4,640
Line 404 Section 4A	(57)	263
Line 404 Section 9	329	684
Line 406 ⁽¹²⁾	192	9,648
Line 406 Section 3	382	1,388
Line 404/406 Somis Station ⁽¹²⁾	21	324
Line 407	186	6,207
Line 41-04ST1	-	-
Line 41-17	-	29
Line 41-17-F	-	-
Line 41-116	1	2
Line 41-116BP1	-	7
Line 41-201	1	2
Line 41-30	-	42
Line 41-30-A	37	429
Line 41-6000-2	4,916	41,085
Line 41-6001-2	2	245
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	4	136
Line 43-121 North	260	4,687
Line 43-121 South	252	22,217
Line 44-1008	13	1,467
Line 44-137	182	20,376
Line 44-687	58	4,866
Line 44-719	-	1
Line 44-654	58	1,829
Line 44-720	49	8,984
Line 45-1001	35	95
Line 45-120 Section 1	55	5,809
Line 45-120 Section 2	572	34,056
Line 45-120X01	-	750
Line 4000	-	87
Valves	4,151	98,889
Storage Field- Playa Del Rey	(50)	2,464

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B Active Projects

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	January	Project-To-Date Total
Storage Field- Goleta	19	131
Methane Detectors	9	52
Communications *	(264)	1,410
Construction *	(1,174)	3,330
Engineering *	(7,546)	3,397
Training *	(358)	1,768
Gas Control *	(33)	173
Environmental *	(262)	635
Supply Management *	(1,743)	5,850
General Administration *	(1,302)	8,913
Program Management Office *	(1,837)	7,155
Total SCG PSEP Pipeline and Valve Projects	6,295	687,324

*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 Table Notes:

- (1) Costs reflect actuals for the month of January and project-to-date costs from May 2012 to January 2016.
- (2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of January 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,996,051 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).
- (6) As of January 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,628 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).
- (7) As of January 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$97,717,343 which includes balancing account interest. Pursuant to OP 1 and OP 2 of D.15-12-020, SoCalGas modifies its SEEBA and SECCBA to exclude 1956-1961 costs where pressure tests are not available to demonstrate compliance with the industry or regulatory strength testing and record keeping requirements at the time.
- (8) As of January 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,002,062 which includes balancing account interest.
- (9) As of January 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$19,315,732 which includes balancing account interest. Pursuant to D.14-06-007 and D.15-12-020, January removed capital-related costs associated with post 1955 costs where pressure tests are not available. Pursuant to D.14-06-007 and D.15-12-020, SoCalGas credits the SECCBA for revenue requirement associated with the remaining undepreciated book value of any post-1955 pipeline subject to disallowance.
- (10) As of January 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$3,289,400 which includes balancing account interest.
- (11) Costs previously coded to Line 85 South was corrected to reflect for Line 85 South Newhall.
- (12) Costs for project lines 404, 406, and 404/406 Somis Station were divided up and allocated to the correct section and project lines.
- (13) The GMA accounts are credited and allocated to active projects on a monthly basis. January 2016 GMA credit includes a completed-project GMA reconciliation and the allocation of test head materials to projects.

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B Active Projects

SDGE	(in \$1,000)	
PSEP Pipeline Projects	January	Project-To-Date Total
Line 1600 South	-	411
Line 3602	376	10,714
Line 49-11	73	3,755
Line 49-13	1,100	12,844
Line 49-14	141	4,018
Line 49-15 Distribution	(411)	7,152
Line 49-15 Transmission	1,860	2,861
Line 49-16 Pipeline	(208)	6,010
Line 49-16 La Mesa Gate Station	(9)	4
Line 49-16 4th & Palm	5	6
Line 49-17 East	18	17,781
Line 49-17 West	(80)	16,775
Line 49-20	-	-
Line 49-22	210	4,050
Line 49-25	(586)	18,831
Line 49-26	56	7,755
Line 49-28	396	29,601
Line 49-32 (Replacement)	(69)	5,444
Valves	738	2,901
Methane Detectors	49	49
Communications *	(34)	69
Construction *	4	674
Engineering *	(621)	384
Training *	(248)	387
Gas Control *	(5)	22
Environmental *	(6)	(6)
Supply Management *	(260)	1,221
General Administration *	(406)	749
Program Management Office *	(134)	728
Total SDGE PSEP Pipeline and Valve Projects	1,948	155,189

*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 Table Notes:

- (1) Costs reflect actuals for the month of January and project-to-date costs from May 2012 to January 2016.
- (2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of January 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,996,051 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).
- (6) As of January 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,628 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).
- (7) As of January 2016, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$97,717,343 which includes balancing account interest. Pursuant to OP 1 and OP 2 of D.15-12-020, SoCalGas modifies its SEEBA and SECCBA to exclude 1956-1961 costs where pressure tests are not available to demonstrate compliance with the industry or regulatory strength testing and record keeping requirements at the time.
- (8) As of January 2016, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$7,002,062 which includes balancing account interest.
- (9) As of January 2016, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$19,315,732 which includes balancing account interest. Pursuant to D.14-06-007 and D.15-12-020, January removed capital-related costs associated with post 1955 costs where pressure tests are not available. Pursuant to D.14-06-007 and D.15-12-020, SoCalGas credits the SECCBA for revenue requirement associated with the remaining undepreciated book value of any post-1955 pipeline subject to disallowance.
- (10) As of January 2016, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$3,289,400 which includes balancing account interest.
- (11) The GMA accounts are credited and allocated to active projects on a monthly basis. January 2016 GMA credit includes a completed-project GMA reconciliation and the allocation of test head materials to projects.

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B

Projects Remediated or Removed

SCG	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	January	Project-To-Date Total
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	-	58
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	-	28
Line 41-19	-	27
Line 41-25	-	1
Line 41-207BR1	-	76
Line 41-35-1-KST2	-	-
Line 41-80	-	41
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	-	(5)
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix B

Projects Remediated or Removed

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	January	Project-To-Date Total
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	(2)
Line 35-20-A	-	17
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 35-6520	-	38
Line 36-1006	-	-
Line 36-6588	-	-
Line 36-7-04	-	-
Line 36-9-21BR1	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408XO1	-	-
Line 41-04-I	-	8
Line 41-05	-	4
Line 41-05-A	-	-
Line 41-101	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-17-A2	-	4
Line 41-17-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	-	2
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	-	662
SDG&E		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	January	Project-To-Date Total
Line 49-18	-	-
Line 49-19	-	-
Line 49-27	-	-
Line 49-32 (Test)	-	-
Total SDG&E PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	-	-

SCG and SDGE PSEP Cost Report to the Commission for January 2016

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	January	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)	
	January	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:

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- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of January 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,996,051 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).
- (6) As of January 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,628 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).

PSEP - SCG / SDG&E
Appendix D - Active Valve Projects List as of January 2016

Valve Projects	Jan-16 No. of Valves ⁽¹⁾	Jan-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Jan-16	Project-To-Date Total (in \$1,000)
Valves-SoCalGas				
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13	883
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13	997
Moreno Small	2	Stage 7 Close-out / Reconciliation	Jan-14	709
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,158
Haskell Station	2	Stage 7 Close-out / Reconciliation	Jan-14	698
Moreno Large	1	Stage 7 Close-out / Reconciliation	Jan-14	504
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14	701
Santa Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14	723
Arrow & Haven	1	Stage 7 Close-out / Reconciliation	May-14	965
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	6,747
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	16
Brea Station-1013	1	Stage 7 Close-out / Reconciliation	Oct-14	240
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	8,805
407 Sullivan Canyon ⁽⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-18	979
Victoria Station	4	Stage 7 Close-out / Reconciliation	Dec-14	1,504
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,757
Pixley Station	3	Stage 7 Close-out / Reconciliation	Nov-14	1,349
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	711
SGV	3	Stage 5-6 Construction / Turnover	Feb-15	5,059
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	5,880
Blythe⁽³⁾				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	814
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	399
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	2,084
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	3,903
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	2,297
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	592
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	7,683
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	4,964
404-406 Valley	3	Stage 5-6 Construction / Turnover	Sep-15	1,597
Indio⁽⁴⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,264
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	452
235-198.20 ⁽⁶⁾	N/A	N/A	N/A	-
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	90
Santa Barbara - 1005 ⁽¹⁰⁾	1	Stage 5-6 Construction / Turnover	Mar-15	336
L4000 MP 45.36 ⁽⁹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	172
L4000 MP 53.00 ⁽⁸⁾	3	Stage 5-6 Construction / Turnover	May-15	1,612
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	555
L4000 MP 80.08 MLV	3	Stage 5-6 Construction / Turnover	May-15	960
L4002 MP 67.00 MLV ⁽¹²⁾	N/A	N/A	N/A	502
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	2,219
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	1,383
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	1,947
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	682
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	2,857
Quigley Station ⁽¹²⁾	N/A	N/A	N/A	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	1,351
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	3,023
404 Ventura	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-16	2,038
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	1,576
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	286
Los Alamitos ⁽¹²⁾	N/A	N/A	N/A	193
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	416
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	486
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	923
SL45-120 Section 2 ⁽⁵⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	124
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	432
L1017	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	137
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	133
L2000 Beaumont Riverside⁽¹¹⁾				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	2,003
L2000 Beaumont 2016	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Jan-16 No. of Valves ⁽¹⁾	Jan-16 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Jan-16	
L7000	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	374
Taft	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	325
Rainbow	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	668
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	1,136
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-17	6
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	960
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	78
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	107
Adelanto ⁽¹³⁾	4	N/A	Sep-17	3
Apple Valley ⁽¹³⁾	1	N/A	Dec-17	1
Burbank & Lindley	3	Stage 1 Project Initiation	May-17	19
Blythe COMMs ⁽¹³⁾	0	N/A	Jun-18	1
Del Amo Station ⁽¹³⁾	6	N/A	Sep-18	1
Del Amo / Wilmington	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	28
Haskell Station FM ⁽¹³⁾	1	N/A	Feb-18	1
L2002 ⁽¹³⁾	0	N/A	Dec-16	2
L4000 Victorville ⁽¹³⁾	13	N/A	Jan-19	2
L6916 ⁽¹³⁾	6	N/A	Jan-17	5
Needles COMMs ⁽¹³⁾	1	N/A	Feb-17	1
Pico ⁽¹³⁾	8	N/A	May-18	18
Wilmington ⁽¹³⁾	6	N/A	Dec-18	42
L4002 MP 72.70 ⁽¹³⁾	1	N/A	Sep-19	-
Brea Hacienda Bundle ⁽¹³⁾	10	N/A	Oct-18	2
L4002 MP 86.44-FM ⁽¹³⁾	1	N/A	Jul-18	-
Yorba Station ⁽¹³⁾	1	N/A	Jan-19	-
Lampson Check Valves ⁽¹³⁾	1	N/A	Aug-18	1
L324 Bundle ⁽¹³⁾	7	N/A	Mar-19	1
235-335 West Bundle ⁽¹³⁾	7	N/A	Mar-19	5
Glendale Bundle ⁽¹³⁾	10	N/A	Dec-18	1
Western/Del Rey Bundle ⁽¹³⁾	9	N/A	May-19	1
L8109 Bundle ⁽¹³⁾	6	N/A	May-19	-
Willow Station ⁽¹³⁾	4	N/A	Sep-17	2
Victorville COMMs ⁽¹³⁾	1	N/A	Oct-17	-
Ventura Station ⁽¹³⁾	6	N/A	Jun-17	-
Chestnut & Grand ⁽¹³⁾	4	N/A	Mar-18	-
L247 Goleta	1	Stage 1 Project Initiation	Feb-17	1
404-406 Ventura 2016 Bundle	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	1
L225 Bundle	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
SB County Bundle	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-16	147
Spence Station ⁽¹³⁾	4	N/A	Sep-17	-
Carpenteria Bundle ⁽¹³⁾	N/A	N/A	N/A	-
Santa Barbara Bundle ⁽¹³⁾	N/A	N/A	N/A	-
Goleta Bundle ⁽¹³⁾	N/A	N/A	N/A	-
Total SoCalGas Valves				98,889
Valve Projects	Valves ⁽¹⁾	Jan-16 Project Lifecycle Stage ⁽²⁾	Date (Est.) Reported	Total
Valves-SDG&E				(in \$1,000)
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	95
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	200
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	2,454
49-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	26
49-16 RCV (4th & Palm)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	-
49-16 RCV (La Mesa Gate)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	11
49-16 RCV (Mass&Main)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	39
49-32-L RCV	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	76
Total SDG&E Valves				2,901

⁽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

⁽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 235-198.20 is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

⁽⁷⁾ Valve Bundle "407 San Vincente" 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⁾ Valve Bundle is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

⁽¹³⁾ New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.