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December 23, 2015

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-November 2015

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 November 2015 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 Case 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

November 2015 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 November 2015.

II. Current Status

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

Pipelines:

1. New construction activity began on 2 pipeline projects
   - 49-15 (REPL) (El Cajon, La Mesa)
   - 49-15 Transmission (El Cajon, San Diego, La Mesa)
2. 25 pipeline projects are in Construction (Stage 5)
3. 28 pipeline projects are in Start Up/Turnover (Stage 6)
4. 9 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 2 valve projects
   - L1014 Brea (Anaheim, Buena Park, Cerritos)
   - 406 Ventura (Ventura, Somis, Agoura Hills)
2. 38 valve projects are in construction/turnover (Stages 5-6)
3. 2 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 November 2015*
- 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, SoCalGas Table Footnote 11: Line 49-15 has been separated into 2 projects: 49-15 (REPL) and 49-15 Transmission

- Appendix A, SoCalGas Table Footnote 14: Line 2001 West – A, The Project Lifecycle has been revised to stage 6 from stage 7 to accurately reflect the status of the project.

- Appendix A, SoCalGas Table Footnote 15: Line 38-514 has been separated into 2 projects: 38-514 Section 1 and 38-514 Section 2

- Appendix B, SoCalGas Table Footnote 11: Costs for Line 38-556 were inadvertently displayed under Line 38-539 on the CPUC report; the report has been corrected going forward.

PSEP - SCG / SDG&E
Appendix A - Active Projects List as of November 2015

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Nov-15 Project Lifecycle Stage[1]	Predominant Diameter	Predominant Vintage	Predominant %SMYS [2]	Construction Start Date (Est.) Reported in Nov-15
Pipeline-SCG							
2000[3]	1	117.6[3]		30	1947	67%	
2000-A			7-Close-out				Jun-13
2000-Bridge			3-Project Definition				Aug-16
2000-West			5-Construction				Jul-14
2001 West[4]	3	64.10		30	1950	50%	
2001 West - A [14]			6-Start Up/Turnover				Apr-14
2001 West - B			6-Start Up/Turnover				Aug-14
2000-C/2001W - C Desert Bundle[3][4][10]							
2000-C			4-Detailed Design				Jun-16
2001 West - C			3-Project Definition				Sep-16
2000-D			3-Project Definition				Nov-16
2001 West - D			1-Project Initiation				Jan-17
1005	4	3.50	6-Start Up/Turnover	22	1949	59%	Sep-14
2003	6	26.50	6-Start Up/Turnover	30	1949	36%	Aug-14
407	7	6.30	6-Start Up/Turnover	30	1951	36%	Mar-14
406	9	20.70	5-Construction	22	1951	60%	Aug-14
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	14	37.80	5-Construction	18	1949	50%	Feb-15
44-137	15	1.00	5-Construction	20	1950	43%	Nov-14
2000-0.18-BO Crossover Piping[5]			3-Project Definition				Aug-16
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	6-Start Up/Turnover	30	1959	48%	Oct-14
43-121[6]	22	4.41		26	1930	42%	
43-121 North			4-Detailed Design				Jan-16
43-121 South			5-Construction				Aug-14
33-120[6]	24	1.25		22	1940	44%	
33-120 Section 1			4-Detailed Design				Apr-16
33-120 Section 2			6-Start Up/Turnover				Jun-14
33-120 Section 3			3-Project Definition				Sep-16
45-120[6]	25	4.30		22	1930	26%	
45-120 Section 1			6-Start Up/Turnover				Oct-14
45-120 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				May-16
Section 2B			6-Start Up/Turnover				Jun-14
Section 3			6-Start Up/Turnover				Dec-14
Section 4 [12]			5-Construction				Sep-14
Section 5			4-Detailed Design				Jan-16
Section 6A			6-Start Up/Turnover				Mar-15
Section 6B			3-Project Definition				Feb-17
Section 7A			4-Detailed Design				Jul-16
Section 7B			5-Construction				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%	May-16
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	53	2.68	7-Close-out	16	1945	28%	Sep-14
33-121	59	0.16	3-Project Definition	26	1955	42%	May-16
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	3-Project Definition	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%	Jan-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%	
38-501 Section 1			6-Start Up/Turnover				Jun-15
38-501 Section 2			3-Project Definition				Jun-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	106	4.78	5-Construction	6.625	1939	32%	Mar-15
44-1008 Section 2B[8]	107	10.06	4-Detailed Design	10.75	1937	39%	Jan-17
35-20-N	113	0.010	7-Close-out	6.625	1929	51%	Aug-14

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Nov-15 Project Lifecycle Stage[1]	Predominant Diameter	Predominant Vintage	Predominant %SMYS [2]	Construction Start Date (Est.) Reported in Nov-15
Pipeline-SCG							
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%	Mar-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%	Apr-16
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Apr-16
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Apr-16
225	N/A	N/A	4-Detailed Design	34	1959	48%	Mar-16
235W Sawtooth Canyon	N/A	N/A	6-Start Up/Turnover	30	1957	69%	Oct-14
38-931	N/A	N/A	3-Project Definition	8.625	1942	31%	Oct-16
38-504	N/A	N/A	4-Detailed Design	12.75	1952	34%	Feb-16
38-514 [15]	N/A	N/A		10.75	1945	38%	
38-514 Section 1			3-Project Definition				May-16
38-514 Section 2			4-Detailed Design				Jan-16
36-9-09 South	N/A	N/A	4-Detailed Design	10.75	1951	33%	Jan-16
36-9-09-JJ	N/A	N/A	3-Project Definition	6.625	1920	24%	Mar-16
85 South Newhall	N/A	N/A	5-Construction	26	1931	48%	Dec-14
Somis Station	N/A	N/A	3-Project Definition	16	1951	48%	Apr-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				Mar-16
36-1001-P1B-01	N/A	N/A	2-Selection	12.75	1925	31%	Mar-16
36-1032-P1B-01	N/A	N/A	2-Selection	8.625	1928	27%	May-16
36-37-P1B-01	N/A	N/A	2-Selection	15	1927	36%	May-16
36-1002-P1B-01	N/A	N/A	3-Project Definition	8.625	1928	26%	Jun-16
43-121-P1B-01	N/A	N/A	2-Selection	26	1930	31%	Oct-16
45-1001-P1B-01	N/A	N/A	2-Selection	12.75	1925	31%	Oct-16
38-931-P1B-01	N/A	N/A	3-Project Definition	12.75	1942	39%	Nov-16
36-9-09N-P1B-01	N/A	N/A	3-Project Definition	6.625	1920	24%	Mar-17
38-101-P1B-01	N/A	N/A	2-Selection	12.75	1921	41%	Apr-17
38-960-P1B-01	N/A	N/A	3-Project Definition	12.75	1928	41%	May-17
44-1008-P1B-01	N/A	N/A	2-Selection	10.75	1937	25%	May-17
38-143-P1B-01	N/A	N/A	2-Selection	16	1939	37%	Nov-17
38-1102-P1B-01	N/A	N/A	3-Project Definition	12.75	1938	29%	May-16
7043-P1B-01	N/A	N/A	N/A	12.75	1930	41%	Mar-16
127-P1B-01	N/A	N/A	2-Selection	16	1944	57%	Apr-16
1004-P1B-01	N/A	N/A	2-Selection	16	1945	49%	Jul-17
38-KWB-P1B-01	N/A	N/A	6-Start Up/Turnover	Various	Various	Various	Oct-15
103	N/A	N/A	2-Selection	10.75	1941	42%	Jan-17
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				Jul-16
49-16 Gate Station			4-Detailed Design				Jun-16
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 stage 6 from stage 7 to accurately reflect their status.

[15] Project 38-514 has been separated into 2 projects: "38-514 Section 1" and "38-514 Section 2"

SCG and SDGE PSEP Cost Report to the Commission for November 2015

Appendix B

Active Projects

SCG	(in $1,000)	
PSEP Pipeline Projects	**November**	**Project-To-Date Total**
Line 85 North	194	1,263
Line 85 South	3	626
Line 85 South Newhall	1,821	6,974
Line 103	1	12
Line 127	76	130
Line 128	4	5
Line 225	62	1,601
Line 1004	189	10,387
Line 1005	3	5,771
Line 1011	-	2,355
Line 1013	67	2,285
Line 1014	14	735
Line 1015	(23)	5,178
Line 2000-A	3	22,427
Line 2000-Bridge	1	386
Line 2000-C	119	4,492
Line 2000-D	56	241
Line 2000-West	(299)	23,048
Line 2000-West Santa Fe Springs Station	351	544
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	6	784
Line 2001 West-B	(2)	14,459
Line 2001 West-C	54	1,325
Line 2001 West-D	21	93
Line 2003	371	10,588
Line 235 West	73	3,283
Line 235 West Sawtooth Canyon	29	1,753
Line 30-18	320	18,871
Line 31-09	155	1,360
Line 32-21	404	8,916
Line 33-120 Section 1	113	2,285
Line 33-120 Section 2	(4)	6,873
Line 33-120 Section 3	68	1,151
Line 33-121	4	973
Line 35-20	-	10
Line 35-20-N	14	197
Line 36-9-09 JJ	38	284
Line 36-9-09 North	8	154
Line 36-9-09 North Section 1	1,095	22,525
Line 36-9-09 North Section 2A	9	103
Line 36-9-09 North Section 2B	49	2,700
Line 36-9-09 North Section 3	318	14,928
Line 36-9-09 North Section 4	80	6,772
Line 36-9-09 North Section 5	198	2,614
Line 36-9-09 North Section 6	54	3,676
Line 36-9-09 North Section 7	939	15,611
Line 36-9-09 South	116	426
Line 36-1001	3	50
Line 36-1002	88	1,738
Line 36-1032	131	10,001
Line 36-9-21	38	628
Line 36-37	191	1,632
Line 37-07	443	25,282
Line 37-18	278	27,056
Line 37-18 F	28	2,142

SCG and SDGE PSEP Cost Report to the Commission for November 2015

Appendix B

Active Projects

SCG (continued)	(in $1,000)	
PSEP Pipeline Projects	**November**	**Project-To-Date Total**
Line 37-18 K	-	102
Line 38-101	1	61
Line 38-143	1	54
Line 38-200	28	2,229
Line 38-501	443	4,703
Line 38-504	202	882
Line 38-512	106	22,579
Line 38-514	124	1,192
Line 38-539[11]	11	14,557
Line 38-556	(121)	424
Line 38-931	64	746
Line 38-960	342	673
Line 38-1102	19	142
Line 38-KWB-P1B-01	11	250
Line 404	2,229	17,747
Line 406	156	10,419
Line 404/406 Somis Station	1	21
Line 407	43	6,009
Line 41-04ST1	-	-
Line 41-17	-	29
Line 41-17-F	-	-
Line 41-116	-	2
Line 41-116BP1	-	7
Line 41-201	-	1
Line 41-30	4	40
Line 41-30-A	19	376
Line 41-6000-2	9,482	29,878
Line 41-6001-2	-	244
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	196	25,939
Line 44-1008	(240)	1,449
Line 44-137	(941)	21,660
Line 44-687	40	4,392
Line 44-719	-	1
Line 44-654	158	1,730
Line 44-720	(346)	7,832
Line 45-1001	14	60
Line 45-120 Section 1	44	5,589
Line 45-120 Section 2	2,532	31,875
Line 45-120X01	-	750
Line 4000	-	87
Valves	6,396	86,621
Storage Field- Playa Del Rey Phase	(30)	2,855
Storage Field- Goleta	10	94
Methane Detectors	8	24
Communications *	15	1,641
Construction *	15	5,161
Engineering *	(119)	12,230
Training *	(3)	2,128
Gas Control *	1	206
Environmental *	(105)	1,116
Supply Management *	653	7,050
General Administration *	126	7,651
Program Management Office *	(557)	9,266
Total SCG PSEP Pipeline and Valve Projects	**29,407**	**651,434**

*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 November and project-to-date costs from May 2012 to November 2015.

(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 November 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $46,974,127 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 November 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $83,589 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 November 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of $103,291,263 which includes balancing account interest.

(8) As of November 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of $5,696,518 which includes balancing account interest.

(9) As of November 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of $13,581,514 which includes balancing account interest.

(10) As of November 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of $3,216,375 which includes balancing account interest.

(11) Costs for Line 38-556 were inadvertently displayed under Line 38-539 on the CPUC report; the report has been corrected going forward.

SCG and SDGE PSEP Cost Report to the Commission for November 2015

Appendix B

Active Projects

SDGE	(in $1,000)	
PSEP Pipeline Projects	**November**	**Project-To-Date Total**
Line 1600 South	20	64
Line 3602	392	9,191
Line 49-11	(12)	4,763
Line 49-13	2,814	9,461
Line 49-14	69	3,871
Line 49-15 Distribution	1,819	6,720
Line 49-15 Transmission	2	4
Line 49-16 Pipeline	245	7,534
Line 49-16 La Mesa Gate Station	-	2
Line 49-16 4th & Palm	-	1
Line 49-17 East	933	16,458
Line 49-17 West	35	16,397
Line 49-20	-	-
Line 49-22	99	3,658
Line 49-25	(184)	16,974
Line 49-26	287	7,420
Line 49-28	235	28,211
Line 49-32 (Replacement)	158	5,203
Valves	846	2,771
Communications *	1	136
Construction *	46	611
Engineering *	(160)	1,167
Training *	6	965
Gas Control *	1	27
Environmental *	(16)	32
Supply Management *	143	1,572
General Administration *	(13)	1,271
Program Management Office *	(85)	913
Total SDGE PSEP Pipeline and Valve Projects	**7,681**	**145,394**

*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 November and project-to-date costs from May 2012 to November 2015.

(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 November 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $46,974,127 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 November 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $83,589 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 November 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of $103,291,263 which includes balancing account interest.

(8) As of November 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of $5,696,518 which includes balancing account interest.

(9) As of November 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of $13,581,514 which includes balancing account interest.

(10) As of November 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of $3,216,375 which includes balancing account interest.

SCG and SDGE PSEP Cost Report to the Commission for November 2015

Appendix B

Projects Remediated or Removed

SCG	(in $1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	**November**	**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	1	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 November 2015

Appendix B

Projects Remediated or Removed

SCG (continued)	(in $1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	**November**	**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	**1**	**662**

SDG&E	(in $1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	**November**	**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 November 2015

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in $1,000)	
	November	**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)	
	November	**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:

(1) Costs reflect actuals for the month of November and project-to-date costs from May 2012 to November 2015.

(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 November 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $46,974,127 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 November 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of $83,589 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 November 2015				
Valve Projects	**Nov-15 No. of Valves[1]**	**Nov-15 Project Lifecycle Stage [2]**	**Construction Start Date (Est.) Reported in Nov-15**	**Project-To-Date Total**
Valves-SoCalGas				**(in $1,000)**
Bain Street Station	2	Stage 5-6 Construction / Turnover	Dec-13	826
Chino Station	5	Stage 5-6 Construction / Turnover	Dec-13	967
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14	622
Prado Station	5	Stage 5-6 Construction / Turnover	Jan-14	1,140
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14	649
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14	493
Whitewater Station	3	Stage 5-6 Construction / Turnover	Mar-14	677
Santa Fe Springs	3	Stage 5-6 Construction / Turnover	Mar-14	687
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	937
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	7,228
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Brea Station-1013	1	Stage 7 Close-out / Reconciliation	Oct-14	233
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	7,939
407 Sullivan Canyon [7]	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	1,046
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	1,380
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,698
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,305
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	580
SGV	3	Stage 5-6 Construction / Turnover	Feb-15	4,752
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	5,250
Blythe [3]				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	802
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	394
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	1,688
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	3,426
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	2,334
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	576
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	7,050
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	4,713
404-406 Valley	3	Stage 5-6 Construction / Turnover	Sep-15	1,323
Indio [4]				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,192
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	365
235-198.20 [6]	N/A	N/A	N/A	-
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	82
Santa Barbara - 1005 [10]	1	Stage 5-6 Construction / Turnover	Mar-15	315
L4000 MP 45.36 [9]	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-16	149
L4000 MP 53.00 [8]	3	Stage 5-6 Construction / Turnover	May-15	1,199
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	535
L4000 MP 80.08 MLV	3	Stage 5-6 Construction / Turnover	May-15	936
L4002 MP 67.00 MLV [12]	N/A	N/A	N/A	517
L1014 Brea	6	Stage 5-6 Construction / Turnover	Nov-15	1,134
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	1,263
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	1,469
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	608
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	1,555
Quigley Station [12]	N/A	N/A	N/A	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	593
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	2,559
404 Ventura	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,755
406 Ventura	5	Stage 5-6 Construction / Turnover	Nov-15	1,025
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	168
Los Alamitos [12]	N/A	N/A	N/A	190
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	343
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	473
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	830
SL45-120 Section 2 [5]	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	79
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	362
L1017	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	86
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	104
L2000 Beaumont Riverside [11]				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	1,247
L2000 Beaumont 2016	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Nov-15 No. of Valves [1]	Nov-15 Project Lifecycle Stage [2]	Construction Start Date (Est.) Reported in Nov-15	Project-To-Date Total
L7000	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	184
Taft	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	213
Rainbow	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	503
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	863
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	6
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	608
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	67
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	73
Adelanto [13]	4	N/A	Jun-17	2
Apple Valley [13]	1	N/A	Mar-17	1
Burbank & Lindley	3	Stage 1 Project Initiation	Nov-16	2
Blythe COMMs [13]	0	N/A	May-17	1
Del Amo Station [13]	6	N/A	Sep-18	1
Del Amo / Wilmington	1	Stage 1 Project Initiation	Sep-16	5
Haskell Station FM [13]	1	N/A	Feb-18	1
L2002 [13]	0	N/A	Oct-16	1
L4000 Victorville [13]	13	N/A	Feb-17	2
L6916 [13]	6	N/A	Jun-17	3
Needles COMMs [13]	1	N/A	Feb-17	1
Pico [13]	8	N/A	Mar-18	7
Wilmington [13]	6	N/A	Nov-17	7
L4002 MP 72.70 [13]	1	N/A	Sep-18	-
Brea Hacienda Bundle [13]	10	N/A	May-17	1
L4002 MP 86.44-FM [13]	1	N/A	Jul-18	-
Yorba Station [13]	1	N/A	Jan-18	-
Lampson Check Valves [13]	1	N/A	Jan-18	51
L324 Bundle [13]	7	N/A	Mar-18	-
235-335 West Bundle [13]	7	N/A	Mar-18	3
Glendale Bundle [13]	10	N/A	Sep-16	-
Western/Del Rey Bundle [13]	9	N/A	May-18	1
L8109 Bundle [13]	6	N/A	Dec-16	-
Willow Station [13]	4	N/A	May-17	1
Victorville COMMs [13]	1	N/A	Dec-16	-
Ventura Station [13]	6	N/A	May-17	-
Chestnut & Grand [13]	4	N/A	Dec-17	-
L247 Goleta [13]	1	N/A	Dec-16	1
404-406 Ventura 2016 Bundle [13]	1	N/A	Jun-16	-
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	Jul-19	66
Spence Station [13]	4	N/A	Jun-17	-
Total SoCalGas Valves				**86,621**

Valve Projects	Nov-15 No. of Valves [1]	Nov-15 Project Lifecycle Stage [2]	Construction Start Date (Est.) Reported in Nov-15	Project-To-Date Total
Valves-SDG&E				**(in $1,000)**
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	89
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	532
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	2,144
49-11	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	3
49-16 RCV (4th & Palm)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
49-16 RCV (La Mesa Gate)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
49-16 RCV (Mass&Main)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	-
49-32-L RCV	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-16	3
Total SDG&E Valves				**2,771**

[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 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.