



December 30, 2014

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

Ms. Denise Tyrrell
Acting 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 2014

Dear Mr. Randolph and Ms. Tyrrell:

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 2014 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,

Jeff Salazar
Regulatory Business Manager

Attachment

CC: Richard Myers, CPUC Energy Division
Belinda Gatti, CPUC Energy Division
Elizaveta Malashenko, CPUC Safety and Enforcement Division
Sunil Shori, CPUC Safety and Enforcement Division

November 2014 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 2014.

II. Current Status

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

1. New construction activity began on 1 pipeline replacement project
 - Line #44-137 (El Monte, South El Monte)
2. New construction activity began on 1 valve project
 - Pixley Station (Orange)
3. 20 projects are in construction (Stage 5)
4. 6 projects are in Start Up/Turnover (Stage 6)
5. 6 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 - SCG / SDG&E - Active Projects List*
- Appendix B – *SCG and SDGE PSEP Cost Report to the Commission for November 2014*
- Appendix C – *Records Review and Interim Safety Measure Costs*
- Appendix D – *Active Valve Projects List*

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

PSEP - SCG / SDG&E							
Appendix A - Active Projects List as of 28 November 2014							
Pipeline	PSEP Filing Priority	Total Miles as Filed	Nov-14 Project Lifecycle Stage ⁽¹⁾	Prominent Diameter	Prominent Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Nov. 2014
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾	various	30	1947	67%	various
2001 West ⁽⁴⁾	3	64.10	various	30	1950	50%	various
1005	4	3.50	5-Construction	22	1949	59%	Sep-14
2003	6	26.50	5-Construction	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	5-Construction	30	1954	43%	Aug-14
1004	13	19.70	4-Detailed Design	16	1944	49%	Apr-15
404	14	37.80	4-Detailed Design	18	1949	50%	Mar-15
44-137	15	1.00	5-Construction	20	1950	43%	Nov-14
2000-0.18-XO2	16	0.01	Stages 2-4 ⁽⁵⁾	20	1961	55%	Jan-16
1014	18	0.003	6 - Start Up/Turnover	30	1959	48%	Oct-14
43-121 ⁽⁶⁾	22	4.41		26	1930	42%	
North			3-Project Definition				Jun-15
South			5-Construction				Aug-14
2000-0.18-BO	23	0.01	Stages 2-4 ⁽⁵⁾	12.75	1952	41%	Jan-16
33-120 ⁽⁶⁾	24	1.25		22	1940	44%	
Section 1			3-Project Definition				Jun-15
Section 2			7-Close-out				Jun-14
Section 3			3-Project Definition				Sep-15
45-120 ⁽⁶⁾	25	4.30		22	1930	26%	
Section 1			7-Close-out				Mar-14
Section 2 & 3			5-Construction				Sep-14
32-21	26	10.23	4-Detailed Design	20	1948	48%	Jan-15
41-6000-2 ⁽⁹⁾	27	39.95	various	8.625	1948	26%	various
36-9-09 North ⁽⁸⁾	29	16.02	various	8.625	1932	46%	various
1011	36	5.14	6 - Start Up/Turnover	20	1955	34%	Jul-14
36-37	38	0.02	7-Close-out	16	1970	26%	May-14
42-66-1	40	0.04	7-Close-out	12.75	1947	34%	Oct-13
42-66-2	41	0.03	7-Close-out	12.75	1947	34%	Oct-13
2000-0.18-XO1	43	0.01	Stages 2-4 ⁽⁵⁾	12.75	1952	41%	Jan-16
37-18	45	4.16	5-Construction	16	1945	38%	Oct-14
37-18-F	46	2.06	4-Detailed Design	16	1946	38%	Jul-15
37-18-K	12	2.85	2-Selection	20	1949	27%	Sep-15
30-18	47	2.58	5-Construction	16	1943	23%	Jul-14
44-654	50	0.01	Stages 5-6 ⁽⁵⁾	6.625	1957	32%	Jun-14
31-09	52	12.81	3-Project Definition	24	1958	24%	Sep-15
37-07	53	2.68	5-Construction	16	1945	28%	Sep-14
45-163	54	0.91	3-Project Definition	16	1966	37%	Aug-15
41-19	56	0.01	Stages 2-4 ⁽⁵⁾	12.75	1957	35%	Jun-15
33-121	59	0.16	3-Project Definition	26	1955	42%	May-15
41-6001-2	63	0.005	3-Project Definition	10.75	1967	44%	Apr-16

Pipeline	PSEP Filing Priority	Total Miles as Filed	Nov-14 Project Lifecycle Stage ⁽¹⁾	Prominent Diameter	Prominent Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.)Reported in Nov. 2014
36-1032	64	1.54	5-Construction	8.625	1963	39%	May-14
35-20-A	71	1.32	3-Project Definition	12.75	1965	49%	May-15
41-30-A	80	0.26	Stage 7 ⁽⁵⁾	12.75	1940	37%	Jul-14
41-30	82	3.95	Stages 2-4 ⁽⁵⁾	10.75	1953	31%	Feb-15
38-200	86	0.23	4-Detailed Design	12.75	1948	23%	Feb-15
45-120XO1	87	0.01	7-Close-out	8.625	1930	26%	Sep-13
38-501	89	1.98	3-Project Definition	12.75	1952	43%	Apr-15
41-80	90	1.84	Stages 2-4 ⁽⁵⁾	6.625	1949	42%	Mar-15
36-1002	96	0.21	Stages 2-4 ⁽⁵⁾	8.625	1928	26%	Feb-15
44-687	99	0.23	5-Construction	8.625	1946	46%	Sep-14
38-512	106	4.78	3-Project Definition	6.625	1939	32%	Mar-15
44-1008	107	10.06	4-Detailed Design	10.75	1937	39%	May-15
41-181	109	0.002	Stages 2-4 ⁽⁵⁾	8.625	1957	33%	Jun-15
35-20-N	113	0.010	Stages 7 ⁽⁵⁾	6.625	1929	51%	Aug-14
38-539	124	12.08	5-Construction	10.75	1964	23%	Oct-14
36-9-21	126	5.06	3-Project Definition	10.75	1950	22%	Apr-15
44-720	132	1.17	3-Project Definition	8.625	1947	46%	Mar-15
41-201	138	0.01	Stages 2-4 ⁽⁵⁾	4.5	1957	36%	Jun-15
41-116	142	0.006	Stages 2-4 ⁽⁵⁾	4.5	1957	30%	May-15
41-116BP1	143	0.002	Stages 2-4 ⁽⁵⁾	3.5	1957	34%	Jun-15
41-6045	170	0.009	Stages 2-4 ⁽⁵⁾	2.375	1948	23%	Jun-16
35-6520	157	0.026	1-Project Initiation	4.5	1969	22%	Jul-15
41-207BR1	N/A	N/A	2-Selection	8.625	1960	29%	Apr-15
225	N/A	N/A	3-Project Definition	34	1959	48%	Mar-16
235W Sawtooth Canyon	N/A	N/A	5-Construction	30	1957	69%	Oct-14
38-931	N/A	N/A	3-Project Definition	8.625	1942	31%	Sep-15
38-556	N/A	N/A	3-Project Definition	10.75	1954	27%	Oct-15
38-504	N/A	N/A	3-Project Definition	12.75	1952	34%	Feb-16
41-6501	N/A	N/A	2-Selection	8.625	1960	41%	Apr-15
36-9-09 South	N/A	N/A	2-Selection	10.75	1951	33%	Aug-15
36-9-09-JJ	N/A	N/A	2-Selection	6.625	1920	24%	Jul-15
103	N/A	N/A	2-Selection	10.75	1941	42%	Dec-17
85 North	N/A	N/A	2-Selection	26	1931	55%	Dec-17
85 South	N/A	N/A	2-Selection	26	1931	48%	Dec-17
Storage ⁽⁷⁾	-	2.83	various	various	various	various	various
Pipeline-SDG&E							
49-28	1	4.89	5-Construction	16	1932	26%	Sep-14
49-17	2	5.812	5-Construction	16	1948	43%	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	9.590	4-Detailed Design	16	1955	29%	Oct-15
49-11	7	6.30	4-Detailed Design	20	1969	31%	Mar-15
49-26	10	2.615	5-Construction	12	1958	24%	Oct-14
49-14	14	2.45	5-Construction	16	1959	30%	Sep-14
49-15	15	6.60	3-Project Definition	10.75	1950	31%	May-15
49-22	16	4.04	5-Construction	10.75	1951	36%	Apr-14
49-13	18	3.46	4-Detailed Design	10.75	1959	25%	Feb-15
49-32-L	N/A	0.115	4-Detailed Design	10.75	1965	25%	Nov-15

⁽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 its length, will be remediated in four phases. 2000-A, 2000-Bridge, 2000-C and 2000-West. Line 2000-A is in Stage 7-Close-out, construction occurred in June 2013. Line 2000-Bridge is in Stage 3-Project Definition and will start construction in August 2016. Line 2000-West is in Stage 5-Construction, construction occurred in July 2014.

⁽⁴⁾ 2001-West A (Segments 15 & 16) of this pipeline are in Stage 7-Close Out, construction occurred in April 2014. 2001-West B (Segments 10 & 14) are in Stage 5-Construction, and construction occurred in Aug 2014. 2001-West B (Segments 18 & 19) are in Stage 5-Construction, construction occurred in Oct. 2014. 2001-West B (Segments 11 & 17) are in Stage 5-Construction, construction occurred in Oct 2014. This pipeline has been broken up into segments for reporting schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.

⁽⁵⁾ Short segment projects have joint stages i.e. Stage 1, Stage 2-4, Stage 5-6 and Stage 7.

⁽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. Currently Playa Del Rey (Phase 1&2) is in Stage 7 - Close-Out and Playa Del Rey (Phase 5) is in Stage 4-Detailed Design and will start construction Jan 2015. Goleta is in Stage 3-Project Definition and will start construction Apr 2015.

⁽⁸⁾ 36-9-09 North has been broken up into sections, each with its own schedule: Sec 1, Sec 2A, Sec 2B, Sec 3, Sec 4, Sec 5, Sec 6, and Sec 7. Sec 1 is in Stage 4-Detailed Design/Procurement and will start construction in March 2015. Sec 2A is in Stage 3-Project Definition and will start construction in August 2015. Sec 2B is in Stage 6-Start Up/Turn over and construction occurred in June 2014. Sec 3 is in Stage 4-Detailed Design/Procurement and will start construction in December 2014. Sec 4 is in Stage 5-Construction and construction occurred in September 2014. Sec 5 is in Stage 4-Detailed Design/Procurement and construction will start in March 2015. Sec 6 is in Stage 4-Detailed Design/Procurement and will start construction in February 2015. Sec 7 is in Stage 4-Detailed Design/Procurement and will start construction in December 2014.

⁽⁹⁾ Per the 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, as of November 2014, both pipelines will be reported under 41-6000-2.

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SCG		(in \$1,000)
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	November	Project-To-Date Total
Line 85	30	31
Line 103	-	2
Line 225	39	53
Line 1004	204	1,397
Line 1005	1,436	3,330
Line 1011	31	2,215
Line 1013	603	1,555
Line 1014	88	360
Line 1015	535	3,181
Line 2000	3,088	35,288
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	25	262
Line 2000-0.18-XO2	-	-
Line 2001 West	2,429	6,895
Line 2003	1,251	4,101
Line 235 West	67	2,773
Line 235 West Sawtooth Canyon	463	912
Line 30-18	(843)	11,338
Line 31-09	(87)	104
Line 32-21	53	2,809
Line 33-120	190	7,438
Line 33-121	(299)	306
Line 35-20	-	12
Line 35-20-A	-	19
Line 35-20-N	26	144
Line 35-6520	3	9
Line 36-1002	15	79
Line 36-1032	81	3,936
Line 36-9-09 North	1,947	13,009
Line 36-9-21	48	401

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	November	Project-To-Date Total
Line 36-37	1	878
Line 37-07	(1,184)	2,414
Line 37-18	3,070	5,476
Line 37-18 F	(6)	1,102
Line 37-18 K	1	92
Line 38-200	74	1,239
Line 38-501	(468)	983
Line 38-504	(44)	-
Line 38-512	(503)	3,471
Line 38-539	649	1,727
Line 38-556	(50)	1
Line 38-931	(15)	40
Line 404	265	2,779
Line 406	397	6,396
Line 407	238	5,371
Line 41-04ST1	-	-
Line 41-17	-	-
Line 41-17-F	(28)	-
Line 41-116	-	-
Line 41-116BP1	-	8
Line 41-181	-	6
Line 41-19	-	2
Line 41-201	-	-
Line 41-207BR1	19	60
Line 41-30	-	18
Line 41-30-A	(59)	63
Line 41-6000-2	136	7,232
Line 41-6001-2	(27)	233
Line 41-6045	-	48
Line 41-6501	2	27

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	November	Project-To-Date Total
Line 41-80	2	33
Line 42-66-1	-	678
Line 42-66-2	-	-
Line 43-121	2,395	7,963
Line 44-1008	73	2,198
Line 44-137	622	2,049
Line 44-654	(1)	1,194
Line 44-687	(553)	1,713
Line 44-719	-	-
Line 44-720	80	982
Line 45-120	4,244	17,718
Line 45-120X01	-	777
Line 45-163	-	-
Line 4000	-	99
Valves	2,915	21,542
Storage Fields	88	793
Communications *	73	1,444
Construction *	36	3,442
Engineering *	717	3,567
Training *	40	2,028
Gas Control *	13	223
Environmental *	105	1,806
Supply Management *	342	5,034
Insurance *	-	-
General Administration *	219	6,884
Program Management Office *	1,031	6,286
Total SCG PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	26,334	230,084

*Overhead allocation pools have been established. Insurance payments of \$16.2M have been made and booked to a prepayment account. Costs currently not reflected in above actuals.

Dollars accumulated in overhead allocation pools will be distributed to specific PSEP projects when work occurs on those specific projects.

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SCG (continued)

Overall Table Notes:

- (1) Costs reflect actuals for the month of November and project-to-date costs from May 2012 to November 2014.
- (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 2014, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,475,947 which includes balancing 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 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,473 which includes balancing 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 2014, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$31,837,601 which includes balancing account interest.
- (8) As of November 2014, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$1,289,501 which includes balancing account interest.
- (9) As of November 2014, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,345,285 which includes balancing account interest.
- (10) As of November 2014, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$13,039 which includes balancing account interest.

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SDGE		(in \$1,000)
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	November	Project-To-Date Total
Line 1600	62	2,821
Line 49-11	-	1,013
Line 49-13	154	711
Line 49-14	91	2,177
Line 49-15	251	528
Line 49-16	389	1,033
Line 49-17	1,089	6,341
Line 49-20	-	-
Line 49-22	21	2,035
Line 49-25	3,288	6,457
Line 49-26	(611)	4,008
Line 49-28	5,200	11,400
Line 49-32 (Replacement)	129	2,619
Valves	24	37
Communications *	5	72
Construction *	31	533
Engineering *	56	1,126
Training *	374	530
Gas Control *	-	8
Environmental *	17	245
Supply Management *	83	1,096
Insurance *	-	-
General Administration *	58	1,029
Program Management Office *	81	788
Total SDGE PSEP Pipeline Projects - Active (Appendix A) And Not Yet Active Projects	10,790	46,609

*Overhead allocation pools have been established. Insurance payments of \$16.2M have been made and booked to a prepayment account. Costs currently not reflected in above actuals. Dollars accumulated in overhead allocation pools will be distributed to specific PSEP projects when work occurs on those specific projects.

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

SDGE (continued)

Overall Table Notes:

- (1) Costs reflect actuals for the month of November and project-to-date costs from May 2012 to November 2014.
- (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 2014, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,475,947 which includes balancing 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 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,473 which includes balancing 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 2014, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$31,837,601 which includes balancing account interest.
- (8) As of November 2014, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$1,289,501 which includes balancing account interest.
- (9) As of November 2014, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,345,285 which includes balancing account interest.
- (10) As of November 2014, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$13,039 which includes balancing account interest.

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

Projects Remediated or Removed from Phase 1A

SCG		(in \$1,000)
PSEP Pipeline Projects - Remediated Outside of Phase 1A or Removed Due to Successful Locating of Records	November	Project-To-Date Total
Line 33-121	408	468
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	-	53
Line 38-508	-	-
Line 38-514	-	32
Line 38-516	-	-
Line 38-523	-	63
Line 38-528	-	24
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-25	-	1
Line 41-35-1-KST2	-	-
Line 1003	-	-
Line 1003LT2	-	-
Line 1017BP1	-	-
Line 1017BP2	-	-
Line 1017BP3	-	-
Line 1017BR4	-	-
Line 1017BR5	-	-
Line 1017BR6	-	-
Line 1017BR7	-	-
Line 1018	-	-

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated Outside of Phase 1A or Removed Due to Successful Locating of Records	November	Project-To-Date Total
Line 1020	-	88
Line 1024	-	3
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	-	11
Line 247	-	18
Line 2001 East	1	93
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	(13)	-
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-
Line 30-6799BR1	-	-
Line 317	-	-
Line 32-90	-	-

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated Outside of Phase 1A or Removed Due to Successful Locating of Records	November	Project-To-Date Total
Line 35-10	(4)	-
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 36-1001	-	-
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	-	9
Line 41-05	-	6
Line 41-05-A	-	-
Line 41-101	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-17-A2	-	5
Line 41-17-FST1	-	-
Line 41-198	-	-
Line 41-199	-	-
Line 41-25-A	-	-
Line 41-55	-	-
Line 41-83	-	-

SCG and SDGE PSEP Cost Report to the Commission for November 2014

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects - Remediated Outside of Phase 1A or Removed Due to Successful Locating of Records	November	Project-To-Date Total	
Line 41-84	-	-	
Line 41-84-A	-	-	
Line 41-90	-	-	
Line 42-12	-	-	
Line 42-46	-	-	
Line 42-46-F	-	-	
Line 42-57	-	-	
Line 43-1106	-	-	
Line 43-34	-	-	
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	392	890	

SDG&E		(in \$1,000)	
PSEP Pipeline Projects - Remediated Outside of Phase 1A 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 2014

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	November	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾	-	684
Records Review	3	14,195
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	3	15,523

SDGE	(in \$1,000)	
	November	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾	-	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 February 2011 to November 2014.

(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 2014, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,475,947 which includes balancing 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 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,473 which includes balancing account interest and is reduced for costs incurred prior to February 24, 2011 (i.e., the effective date of R.11-02-019).

(7) Project-to-date balance revised to exclude costs previously reported which were already accounted for elsewhere in SoCalGas' accounting records.

PSEP - SCG / SDG&E
Appendix D - Active Valve Projects List as of 31 October 2014

Valve Projects	No. of Valves, Backflow Prevention & Flow Meters ⁽¹⁾	October Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Oct 2014	Project-To-Date Total (in \$1,000)
Valves-SCG				
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13	687
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13	904
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14	494
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,117
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14	424
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14	395
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14	577
Sante Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14	523
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	795
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	4,578
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	12
Newhall Station	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	713
407 San Vicente	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	128
Victoria Station	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	222
Alhambra Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	291
Pixley	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14	298
L 2001W Seg 10/11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Feb-15	87
SGV	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	567
Lampson	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	525
Blythe ⁽⁵⁾				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14	351
Blythe Station 2	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	222
Banning Airport	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-15	347
Orange	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-15	447
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-15	402
L 1020	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-15	255
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	1,130
El Segundo	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-15	410
404/406 Valley ⁽³⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-15	81
Indio ⁽⁶⁾				
Indio 2014	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	640
Indio 2016	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-16	116
235-198.20	1	Stage 1 Project Initiation	May-15	-
1005-18.04-0	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	71
4000-41.72	1	Stage 1 Project Initiation	May-15	2
4000-57.00	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-15	17
4000-69.00	1	Stage 1 Project Initiation	Jul-15	2
4000-80.08	1	Stage 1 Project Initiation	Aug-15	1
4002-67.00	1	Stage 1 Project Initiation	Sep-15	5
1014 Brea	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	23
1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	64
2003 East	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	9
Banning 2001	4	Stage 1 Project Initiation	Jun-15	55
Questar Taps	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	24
Quigley Station	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-15	24
Riverside 2001	6	Stage 1 Project Initiation	Oct-15	25
Aviation	11	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	21
404 Ventura	13	Stage 1 Project Initiation	Apr-15	83
406 Ventura	7	Stage 1 Project Initiation	Apr-15	77
Honor Ranch	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-15	18
Los Alamitos	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	13
Haynes	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	23
Fontana 4000/4002	3	Stage 1 Project Initiation	Aug-15	3
4002-92.52	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-15	100
33-120 Fault Isolation	2	Stage 1 Project Initiation	May-15	2
235/335 East	7	Stage 1 Project Initiation	Mar-15	13
L1017	10	Stage 1 Project Initiation	Jun-16	-
L1018	15	Stage 1 Project Initiation	Mar-16	-
L2000 Beaumont Riverside	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	1
L7000	9	Stage 1 Project Initiation	May-15	136
Taft	14	Stage 1 Project Initiation	Jul-15	1
Rainbow	9	Stage 1 Project Initiation	Sep-15	10
L2003 West	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-15	4
1013-0.00 (1013 Brea)	1	Stage 5-6 Construction / Turnover	Oct-14	66
Cabazon	3	Stage 1 Project Initiation	Mar-16	-
Banning 5000	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-15	-
L85 Templin Highway	1	Stage 1 Project Initiation	Mar-15	-
Total SCG Valves				18,627

PSEP - SCG / SDG&E

Appendix D - Active Valve Projects List as of 31 October 2014 (continued)

Valve Projects	No. of Valves, Backflow Prevention & Flow Meters ⁽¹⁾	October Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Oct 2014	Project-To-Date Total (in \$1,000)
Valves-SDG&E				
3010 Bundle	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-15	-
1600 Bundle	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14	-
3600 Bundle	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14	13
Total SDG&E Valves				13

⁽¹⁾ This number is subject to change based on design and constructability. Backflow Prevention and Flow Meters are for check valves and reg. station modifications.

⁽²⁾ Stage Categories: - These 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⁾ 404/406 Valley is being accelerated to be completed in conjunction with pipeline projects. Change Notice has been prepared to reflect this change.

⁽⁴⁾ This schedule information has been updated to reflect a new execution plan.

⁽⁵⁾ 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.

⁽⁶⁾ 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.