

September 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 September 2015.

II. Current Status

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

Pipelines:

1. New construction activity began on 1 pipeline project
 - 41-6000-2 (Brawley, El Centro, Calipatria, Niland)
2. 30 pipeline projects are in Construction (Stage 5)
3. 22 pipeline projects are in Start Up/Turnover (Stage 6)
4. 8 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 3 valve projects
 - 404-406 Valley (Ventura, Los Angeles)
 - L2003 East (South Gate, Cudahy, Pico Rivera)
 - Questar Taps (Whitewater Canyon)
2. 34 valve projects are in construction/turnover (Stages 5-6)
3. 1 valve project is 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 Projects List*
- Appendix B – *SoCalGas and SDG&E PSEP Cost Report to the Commission for September 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

- The following Phase 1B projects have been added to Appendix A – Active Projects List.
 - 36-1001-P1B-01
 - 36-1032-P1B-01
 - 36-37-P1B-01
 - 36-1002-P1B-01
 - 43-121-P1B-01
 - 45-1001-P1B-01
 - 38-931-P1B-01
 - 36-9-09N-P1B-01
 - 38-101-P1B-01
 - 38-960-P1B-01
 - 44-1008-P1B-01
 - 38-143-P1B-01
 - 38-1102-P1B-01
 - 7043-P1B-01
 - 127-P1B-01
 - 1004-P1B-01
 - 38-KWB-P1B-01

- Appendix B, SoCalGas Table Footnote 11: The separately listed insurance line has been removed. PSEP’s incremental insurance costs are handled as indirect loaders.

- Appendix B, SDG&E Table Footnote 11: \$105,000 was re-categorized as an indirect cost rather than direct cost as presented in the August 2015 report.

- Appendix D, SoCalGas Table Footnote 17: The number of valves under valve bundle “Questar Taps” has been changed from 9 to 6 as a result of a correction made to the Valve Database.

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

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Sep-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Sep-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			7-Close-out				Apr-14
2001 West - B			5-Construction				Aug-14
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽¹⁰⁾							
2000-C			4-Detailed Design				Jun-16
2001 West - C			3-Project Definition				Jun-16
2000-D			3-Project Definition				Jan-17
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	5-Construction	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				Jan-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				Mar-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			5-Construction				Dec-14
Section 4 ⁽¹²⁾			5-Construction				Sep-14
Section 5			4-Detailed Design				Nov-15
Section 6A			6-Start Up/Turnover				Mar-15
Section 6B			3-Project Definition				Aug-16
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%	Oct-15
37-18-K	12	2.85	2-Selection	20	1949	27%	Mar-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	5-Construction	24	1958	24%	Jul-15
37-07	53	2.68	5-Construction	16	1945	28%	Sep-14
33-121	59	0.16	2-Selection	26	1955	42%	Apr-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%	Oct-15
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	7-Close-out	8.625	1928	26%	May-15
44-687	99	0.23	5-Construction	8.625	1946	46%	Sep-14
38-512	106	4.78	5-Construction	6.625	1939	32%	Mar-15

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Sep-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Sep-15
Pipeline-SCG							
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
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%	Jun-16
44-720	132	1.17	5-Construction	8.625	1947	46%	Jun-15
41-201	138	0.01	3-Project Definition	4.5	1957	36%	Oct-15
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Oct-15
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Oct-15
225	N/A	N/A	4-Detailed Design	34	1959	48%	Feb-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
38-556	N/A	N/A	3-Project Definition	10.75	1954	27%	Apr-17
38-504	N/A	N/A	3-Project Definition	12.75	1952	34%	Feb-16
36-9-09 South	N/A	N/A	3-Project Definition	10.75	1951	33%	Feb-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			6-Start Up/Turnover				Mar-15
Goleta			2-Selection				Mar-16
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
36-1001-P1B-01	N/A	N/A	3-Project Definition	12.75	1925	31%	Mar-16
36-1032-P1B-01	N/A	N/A	3-Project Definition	8.625	1928	27%	May-16
36-37-P1B-01	N/A	N/A	3-Project Definition	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	3-Project Definition	26	1930	31%	Oct-16
45-1001-P1B-01	N/A	N/A	3-Project Definition	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
38-514	N/A	N/A	3-Project Definition	10.75	1945	38%	Mar-17
38-101-P1B-01	N/A	N/A	3-Project Definition	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	3-Project Definition	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	2-Selection	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	4-Detailed Design	Various	Various	Various	Oct-15
103	N/A	N/A	2-Selection	10.75	1941	42%	Dec-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				May-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	15	6.60	4-Detailed Design	10.75	1950	31%	Oct-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%	Oct-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. 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's 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.

⁽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"

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

Appendix B

SCG		(in \$1,000)
PSEP Pipeline Projects	September	Project-To-Date Total
Line 85 North	409	997
Line 85 South	93	684
Line 85 South Newhall	1,162	5,147
Line 103	1	8
Line 127	41	92
Line 128	-	1
Line 225	152	1,505
Line 1004	2,085	9,805
Line 1005	534	5,911
Line 1011	15	2,337
Line 1013	-	2,234
Line 1014	7	715
Line 1015	54	5,170
Line 2000-A	(1)	22,422
Line 2000-Bridge	-	380
Line 2000-C	628	4,273
Line 2000-D	33	107
Line 2000-West	529	23,326
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	19	758
Line 2001 West-B	1,721	14,267
Line 2001 West-C	393	1,190
Line 2001 West-D	31	52
Line 2003	902	10,242
Line 235 West	(156)	3,527
Line 235 West Sawtooth Canyon	26	1,729
Line 30-18	244	17,156

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SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 31-09	(514)	778
Line 32-21	1,334	8,394
Line 33-120 Section 1	368	2,115
Line 33-120 Section 2	71	6,847
Line 33-120 Section 3	343	1,007
Line 33-121	43	992
Line 35-20	-	10
Line 35-20-N	(11)	176
Line 36-9-09 JJ	107	246
Line 36-9-09 North	35	116
Line 36-9-09 North Section 1	7,076	17,399
Line 36-9-09 North Section 2A	10	74
Line 36-9-09 North Section 2B	62	2,636
Line 36-9-09 North Section 3	646	13,651
Line 36-9-09 North Section 4	82	6,683
Line 36-9-09 North Section 5	455	2,049
Line 36-9-09 North Section 6	306	3,524
Line 36-9-09 North Section 7	2,973	12,042
Line 36-9-09 South	124	288
Line 36-1001	15	38
Line 36-1002	220	1,572
Line 36-1032	402	9,748
Line 36-9-21	42	581
Line 36-37	262	1,288
Line 37-07	487	22,762
Line 37-18	695	27,455
Line 37-18 F	199	2,006
Line 37-18 K	-	102
Line 38-101	4	44
Line 38-143	4	45

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

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SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 38-200	140	2,256
Line 38-501	677	4,018
Line 38-504	204	667
Line 38-512	4,841	21,292
Line 38-514	205	358
Line 38-539	3,414	15,275
Line 38-556	-	(0)
Line 38-931	(438)	659
Line 38-960	209	263
Line 38-1102	13	136
Line SL38-KWB-P1B-01 ⁽¹²⁾	102	214
Line 404	835	12,851
Line 406	317	10,262
Line 404/406 Somis Station	-	16
Line 407	110	5,991
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	-	31
Line 41-30-A	-	353
Line 41-6000-2	4,314	14,614
Line 41-6001-2	-	244
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	2,866	25,248
Line 44-1008	53	1,702
Line 44-137	3,799	19,561

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

Appendix B

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total
Line 44-687	497	3,004
Line 44-719	-	1
Line 44-654	(70)	1,558
Line 44-720	1,429	7,364
Line 45-1001	6	40
Line 45-120 Section 1	3	5,657
Line 45-120 Section 2	2,300	28,897
Line 45-120X01	-	750
Line 4000	-	87
Valves	8,814	75,135
Storage Field- Playa Del Rey Phase	(3,792)	2,884
Storage Field- Goleta	12	69
Methane Detectors	9	9
Communications *	30	1,638
Construction *	689	5,657
Engineering *	1,263	11,890
Training *	6	2,192
Gas Control *	7	210
Environmental *	103	1,288
Supply Management *	449	6,601
General Administration *	131	7,657
Program Management Office *	215	9,349
Total SCG PSEP Pipeline and Valve Projects - Active And Not Yet Active Projects	58,525	587,464

*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 September and project-to-date costs from May 2012 to September 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 September 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,958,473 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 September 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,560 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 September 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$97,664,123 which includes balancing account interest.
- (8) As of September 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$4,297,039 which includes balancing account interest.
- (9) As of September 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$9,861,141 which includes balancing account interest.
- (10) As of September 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,585,002 which includes balancing account interest.
- (11) The separately listed insurance line has been removed. PSEP's incremental insurance costs are handled as indirect loaders.
- (12) Line 38-980, 38-981, and 38-278 have been bundled together and renamed 38-KWB-P1B-01.

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

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SDGE		(in \$1,000)	
PSEP Pipeline Projects	September	Project-To-Date Total	
Line 1600 South	52	55	
Line 3602	889	8,053	
Line 49-11	778	4,631	
Line 49-13	(774)	4,295	
Line 49-14	154	3,942	
Line 49-15	770	4,728	
Line 49-16	540	7,061	
Line 49-17 East	5,075	11,716	
Line 49-17 West	303	16,459	
Line 49-20	-	-	
Line 49-22	224	3,775	
Line 49-25	1,979	16,185	
Line 49-26	257	7,148	
Line 49-28	761	26,751	
Line 49-32 (Replacement)	522	5,062	
Valves	165	1,910	
Communications *	2	130	
Construction *	160	633	
Engineering *	172	1,501	
Training *	3	938	
Gas Control *	1	26	
Environmental *	(2)	34	
Supply Management *	145	1,450	
General Administration *	109	1,378	
Program Management Office *	90	879	
Total SDGE PSEP Pipeline and Valve Projects - Active And Not Yet Active Projects	12,378	128,737	

*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.

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- (6) As of September 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,560 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 September 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$97,664,123 which includes balancing account interest.
- (8) As of September 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$4,297,039 which includes balancing account interest.
- (9) As of September 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$9,861,141 which includes balancing account interest.
- (10) As of September 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,585,002 which includes balancing account interest.
- (11) \$105,000 was re-categorized as an indirect cost rather than direct cost as presented in the August 2015 report.

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

Appendix B

Projects Remediated or Removed

SCG		(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	September	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	-	27	
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	-	-	

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	September	Project-To-Date Total
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	-	-
Line 30-6799BR1	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	September	Project-To-Date Total
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	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	September	Project-To-Date Total
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	-	836

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

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	September	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)	
	September	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾⁽⁸⁾	-	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 September and project-to-date costs from May 2012 to September 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 September 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,958,473 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 September 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,560 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 September 2015

Valve Projects	Sep-15 No. of Valves ⁽¹⁾	Sep-15 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Sep-15	Project-To-Date Total (in \$1,000)
Valves-SoCalGas				
Bain Street Station	2	Stage 5-6 Construction / Turnover	Dec-13	790
Chino Station	5	Stage 5-6 Construction / Turnover	Dec-13	944
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14	606
Prado Station	5	Stage 5-6 Construction / Turnover	Jan-14	1,096
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14	626
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14	471
Whitewater Station	3	Stage 5-6 Construction / Turnover	Mar-14	666
Santa Fe Springs	3	Stage 5-6 Construction / Turnover	Mar-14	657
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	913
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	6,504
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Brea Station-1013	1	Stage 5-6 Construction / Turnover	Oct-14	224
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	6,278
407 Sullivan Canyon ⁽⁹⁾	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	1,036
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	1,297
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,583
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,299
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Jun-16	451
SGV	5	Stage 5-6 Construction / Turnover	Feb-15	4,750
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	4,663
Blythe ⁽⁵⁾				
Blythe (Cactus City) ⁽¹⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	915
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	387
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	1,459
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	3,078
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	2,317
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	544
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	5,017
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	4,310
404-406 Valley ⁽³⁾	3	Stage 5-6 Construction / Turnover	Sep-15	1,193
Indio ⁽⁶⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,076
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	298
235-198.20 ⁽⁸⁾	N/A	N/A	N/A	-
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	63
Santa Barbara - 1005 ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Mar-15	295
L4000 MP 45.36 ⁽¹¹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	127
L4000 MP 53.00 ⁽¹⁰⁾	1	Stage 5-6 Construction / Turnover	May-15	976
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	489
L4000 MP 80.08 MLV	1	Stage 5-6 Construction / Turnover	May-15	685
L4002 MP 67.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	458
L1014 Brea	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	958
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	983
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	898
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	570
Questar Taps ⁽¹⁷⁾	6	Stage 5-6 Construction / Turnover	Sep-15	1,167
Quigley Station ⁽¹⁵⁾	N/A	N/A	N/A	80
Riverside 2001	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	401
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,704
404 Ventura	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,655
406 Ventura	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	950
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	126
Los Alamitos ⁽¹⁵⁾	N/A	N/A	N/A	178
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	295
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	364
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	709
SL45-120 Section 2 ⁽⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	98
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	265
L1017 ⁽¹⁴⁾	3	Stage 1 Project Initiation	Apr-17	70
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	96
L2000 Beaumont Riverside ⁽¹³⁾				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	1,029
L2000 Beaumont 2016	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Valves ⁽¹⁾	Sep-15 Project Lifecycle Stage ⁽²⁾	(Est.)Reported in Sep-15	Total
L7000	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-17	158
Taft	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	187
Rainbow	14	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	425
L2003 West	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	693
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	5
Banning 5000	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	412
L85 Templin Highway MP 137.9	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	18
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	53
Adelanto ⁽¹⁶⁾	4	N/A	Jun-17	3
Apple Valley ⁽¹⁶⁾	1	N/A	Mar-17	1
Burbank & Lindley ⁽¹⁶⁾	4	Stage 1 Project Initiation	Nov-16	1
Blythe COMMs ⁽¹⁶⁾	0	N/A	Mar-17	1
Del Amo Station ⁽¹⁶⁾	6	N/A	Sep-18	1
Del Amo / Wilmington ⁽¹⁶⁾	3	Stage 1 Project Initiation	Sep-16	3
Haskell Station FM ⁽¹⁶⁾	1	N/A	Feb-18	1
L2002 ⁽¹⁶⁾	0	N/A	Oct-16	1
L4000 Victorville ⁽¹⁶⁾	13	N/A	Feb-17	14
L6916 ⁽¹⁶⁾	6	N/A	Jun-17	1
Needles COMMs ⁽¹⁶⁾	1	N/A	Feb-17	1
Pico ⁽¹⁶⁾	8	N/A	Mar-18	1
Wilmington ⁽¹⁶⁾	6	N/A	Nov-17	1
L4002 MP 72.70 ⁽¹⁶⁾	1	N/A	Sep-18	-
Brea Hacienda Bundle ⁽¹⁶⁾	10	N/A	May-17	-
L4002 MP 86.44 ⁽¹⁶⁾	1	N/A	Jul-18	-
Yorba Station ⁽¹⁶⁾	1	N/A	Jan-18	-
Lampson Check Valves ⁽¹⁶⁾	1	N/A	Jan-18	1
L324 Bundle ⁽¹⁶⁾	7	N/A	Mar-18	-
235-335 West Bundle ⁽¹⁶⁾	7	N/A	Mar-18	-
Glendale Bundle ⁽¹⁶⁾	10	N/A	Sep-16	-
Western/Del Rey Bundle ⁽¹⁶⁾	9	N/A	May-18	-
L8109 Bundle ⁽¹⁶⁾	6	N/A	Dec-16	-
Willow Station ⁽¹⁶⁾	4	N/A	May-17	1
Victorville COMMs ⁽¹⁶⁾	1	N/A	Dec-16	-
Ventura Station ⁽¹⁶⁾	6	N/A	May-17	-
Chestnut & Grand ⁽¹⁶⁾	4	N/A	Dec-17	-
Total SoCalGas Valves				75,134

Valve Projects	Valves ⁽¹⁾	Sep-15 Project Lifecycle Stage ⁽²⁾	(Est.)Reported in Sep-15	Total
Valves-SDG&E				
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	82
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	490
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	1,288
49-32-L ⁽¹⁶⁾	N/A	N/A	N/A	50
Total SDG&E Valves				1,910

⁽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

⁽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,

⁽³⁾ 404/406 Valley has been accelerated to be completed in conjunction with pipeline projects.

⁽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.

⁽⁷⁾ Valve Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2"

⁽⁸⁾ Valve 235-198.20 is in the process of being descope from PSEP. Final costs are being adjusted accordingly.

⁽⁹⁾ Valve Bundle "407 San Vincente" has been renamed to "407 Sullivan Canyon"

⁽¹⁰⁾ Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00"

⁽¹¹⁾ Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36"

⁽¹²⁾ Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005"

⁽¹³⁾ Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".

⁽¹⁴⁾ Valve Bundles "L1017" and "Blythe Bundle (Cactus City)" have reversed back into previous stages and revised their construction start dates

⁽¹⁵⁾ Valve Bundle is in the process of being descope from PSEP. Final costs are being adjusted accordingly.

⁽¹⁶⁾ New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time .

⁽¹⁷⁾ The number of valves under valve bundle "Questar Taps" has been changed from 9 to 6 as a result of a correction made to the Valve Database.