

May 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 May 2015.

II. Current Status

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

Pipelines:

1. New construction activity began on 5 pipeline projects
 - 1004 (Carpentaria, Santa Barbara)
 - 32-21 (Pasadena)
 - 36-9-09 North Section 1 (Atascadero)
 - 36-9-09 North Section 7B (Arroyo Grande)
 - 36-1002 (Ventura)
2. 27 pipeline projects are in Construction (Stage 5)
3. 12 pipeline projects are in Start Up/Turnover (Stage 6)
4. 15 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 2 valve projects
 - Indio 2014 bundle (Indio)
 - L4000MP 80.08 MLV (Fontana)
2. 20 valve projects are in construction/turnover (Stages 5-6)
3. 10 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 Projects List*

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

- Appendix B – *SoCalGas and SDG&E PSEP Cost Report to the Commission for May 2015*
- Appendix C – *Records Review and Interim Safety Measure Costs*
- Appendix D – *PSEP - SoCalGas / SDG&E - Active Valve Projects List*

V. Notes

- Appendix B: In the May 2015 report, \$231,156 was added to the project-to-date total column for Line 41-30-A to reflect a retroactive accounting correction.
- Appendix B footnote 11: Line 1600 has been regrouped into two projects, Line 1600 South and Line 1600 North.
- Appendix C footnote 8: Non-PSEP labor was incorrectly charged to PSEP's Leak Survey and Pipeline Patrol accounts in the May 2015 report. Corrections will be reflected in the June 2015 report going forward.

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

Pipeline	PSEP Filing Priority	Total Miles as Filed	May-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in May 2015
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			3-Project Definition				Sep-15
2001 West - C			3-Project Definition				Jan-16
2000-D			1-Project Initiation				Mar-16
2001 West - D			1-Project Initiation				Jul-16
1005	4	3.50	6-Start Up/Turnover	22	1949	59%	Sep-14
2003	6	26.50	5-Construction	30	1949	36%	Aug-14
407	7	6.30	7-Close-out	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			3-Project Definition				Nov-15
43-121 South			5-Construction				Aug-14
33-120 ⁽⁶⁾	24	1.25		22	1940	44%	
33-120 Section 1			4-Detailed Design				Oct-15
33-120 Section 2			7-Close-out				Jun-14
33-120 Section 3			3-Project Definition				Sep-16
45-120 ⁽⁶⁾	25	4.30		22	1930	26%	
45-120 Section 1			7-Close-out				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	2-Selection	8.625	1948	26%	Sep-16
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 4A			4-Detailed Design				Feb-16
Section 4B			7-Close-out				Sep-14
Section 5			4-Detailed Design				Aug-15
Section 6A			5-Construction				Mar-15
Section 6B			3-Project Definition				Jul-16
Section 7A			3-Project Definition				Jun-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	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
37-18	45	4.16	5-Construction	16	1945	38%	Oct-14
37-18-F	46	2.06	4-Detailed Design	16	1946	38%	Jun-15
37-18-K	12	2.85	2-Selection	20	1949	27%	Feb-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	4-Detailed Design	24	1958	24%	Sep-15
37-07	53	2.68	5-Construction	16	1945	28%	Sep-14
41-19	56	0.01	3-Project Definition	12.75	1957	35%	Aug-15
33-121	59	0.16	3-Project Definition	26	1955	42%	Feb-16
41-6001-2	63	0.005	3-Project Definition	10.75	1967	44%	Sep-16
36-1032	64	1.54	7-Close-out	8.625	1963	39%	May-14
36-1032 Section 4	N/A	N/A	3-Project Definition	8.625	1963	39%	Jun-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%	Aug-15

Pipeline	PSEP Filing Priority	Total Miles as Filed	May-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in May 2015
Pipeline-SCG							
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			4-Detailed Design				Jun-15
38-501 Section 2			3-Project Definition				Feb-16
41-80	90	1.84	3-Project Definition	6.625	1949	42%	Aug-15
36-1002	96	0.21	5-Construction	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
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	7-Close-out	10.75	1964	23%	Oct-14
36-9-21	126	5.06	3-Project Definition	10.75	1950	22%	Apr-16
44-720	132	1.17	4-Detailed Design	8.625	1947	46%	Jul-15
41-201	138	0.01	3-Project Definition	4.5	1957	36%	Aug-15
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Aug-15
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Aug-15
225	N/A	N/A	4-Detailed Design	34	1959	48%	Aug-15
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%	Sep-15
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%	Oct-15
36-9-09-JJ	N/A	N/A	3-Project Definition	6.625	1920	24%	Oct-15
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%	Jan-16
Storage ⁽⁷⁾	-	2.83		various	various	various	
Playa Del Rey Phase 1&2			7-Close-out				Aug-13
Playa Del Rey Phase 5			5-Construction				Mar-15
Goleta			3-Project Definition				Mar-16
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
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			4-Detailed Design				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				May-16
49-16 Gate Station			4-Detailed Design				Apr-16
49-11	7	6.30	4-Detailed Design	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%	Jul-15
49-22	16	4.04	6-Start Up/Turnover	10.75	1951	36%	Apr-14
49-13	18	3.46	4-Detailed Design	10.75	1959	25%	Jul-15
49-32-L	N/A	0.115	4-Detailed Design	10.75	1965	25%	Aug-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.

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

Appendix B

SCG		(in \$1,000)	
PSEP Pipeline Projects		May	Project-To-Date Total
Line 85		425	2,890
Line 103		-	4
Line 127		30	32
Line 128		-	-
Line 225		149	831
Line 1004		1,143	3,104
Line 1005		54	5,193
Line 1011		16	2,279
Line 1013		(17)	2,196
Line 1014		1	697
Line 1015		12	4,832
Line 2000 ⁽¹¹⁾		1,232	46,379
Line 2000-0.18-B0		-	-
Line 2000-0.18-XO1		6	274
Line 2000-0.18-XO2		-	-
Line 2001 West		739	11,506
2000-C & 2001W-C		-	-
Line 2003		253	6,422
Line 235 West		(9)	3,395
Line 235 West Sawtooth Canyon		1	1,652
Line 30-18		(227)	13,872
Line 31-09		20	589
Line 32-21		325	3,890
Line 33-120		196	8,408
Line 33-121		45	906
Line 35-20		-	10
Line 35-20-N		11	187
Line 36-1002		28	258
Line 36-1032		486	8,541
Line 36-9-09 North		4,565	28,942

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

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SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects	May	Project-To-Date Total	
Line 36-9-21	4	500	
Line 36-37	19	959	
Line 37-07	399	20,536	
Line 37-18	830	23,050	
Line 37-18 F	31	1,538	
Line 37-18 K	-	97	
Line 38-101	11	19	
Line 38-143	6	21	
Line 38-200	66	1,825	
Line 38-278	8	18	
Line 38-501	167	1,552	
Line 38-504	1	-	
Line 38-512	3,614	9,684	
Line 38-539	722	10,663	
Line 38-556	-	-	
Line 38-931	7	159	
Line 38-960	19	30	
Line 38-980	5	16	
Line 38-981	8	15	
Line 38-1102	10	116	
Line 404	3,273	9,262	
Line 406	263	9,313	
Line 404/406 Somis Station	-	1	
Line 407	(60)	5,743	
Line 41-04ST1	-	-	
Line 41-17	-	28	
Line 41-17-F	-	(1)	
Line 41-116	-	1	
Line 41-116BP1	-	7	
Line 41-19	1	7	

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

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SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects		May	Project-To-Date Total
Line 41-201		-	1
Line 41-30		-	28
Line 41-30-A ⁽¹¹⁾		10	353
Line 41-6000-2		277	8,645
Line 41-6001-2		1	244
Line 41-80		-	41
Line 42-66-1		-	681
Line 42-66-2		-	-
Line 43-121		2,876	18,093
Line 44-1008		16	1,305
Line 44-137		461	11,666
Line 44-654		(6)	1,386
Line 44-687		192	2,252
Line 44-719		-	1
Line 44-720		105	1,666
Line 45-1001		11	22
Line 45-120		1,294	28,968
Line 45-120X01		-	777
Line 4000		235	322
Valves		6,401	46,196
Storage Fields		1,887	5,931
Communications *		28	1,763
Construction *		403	5,541
Engineering *		1,320	9,690.63
Training *		70	2,372
Gas Control *		11	247
Environmental *		89	1,743
Supply Management *		384	6,928
Insurance *		-	-
General Administration *		357	8,188

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

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SCG (continued)		
PSEP Pipeline Projects	May	Project-To-Date Total
Program Management Office *	770	7,551
Total SCG PSEP Pipeline Projects - Active And Not Yet Active Projects	36,077	425,047

*Overhead allocation pools have been established. Insurance payments of \$16.8M 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.

Overall Table Notes:

- (1) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 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 May 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,136,131 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 May 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,520 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 May 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$74,753,957 which includes balancing account interest.
- (8) As of May 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$3,044,061 which includes balancing account interest.
- (9) As of May 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$5,293,830 which includes balancing account interest.
- (10) As of May 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,339,886 which includes balancing account interest.
- (11) In the May 2015 report, \$231,156 was added to the project-to-date total column for Line 41-30-A to reflect a retroactive accounting correction.

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

Appendix B

SDGE	(in \$1,000)	
PSEP Pipeline Projects	May	Project-To-Date Total
Line 1600 South ⁽¹¹⁾	-	-
Line 1600 North	558	5,154
Line 49-11	147	1,680
Line 49-13	413	2,785
Line 49-14	11	3,726
Line 49-15	292	2,859
Line 49-16	709	3,117
Line 49-17	937	16,827
Line 49-20	-	-
Line 49-22	119	3,277
Line 49-25	(1,575)	12,028
Line 49-26	(58)	6,436
Line 49-28	3,169	23,636
Line 49-32 (Replacement)	66	3,591
Valves	96	476
Communications *	11	116
Construction *	13	241
Engineering *	(94)	1,270
Training *	2	930
Gas Control *	3	18
Environmental *	37	(47)
Supply Management *	39	1,154
Insurance *	-	-
General Administration *	28	1,219
Program Management Office *	60	517
Total SDGE PSEP Pipeline Projects - Active And Not Yet Active Projects	4,985	91,011

*Overhead allocation pools have been established. Insurance payments of \$16.8M 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 May 2015

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SDGE (continued)

Overall Table Notes:

- (1) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 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 May 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,136,131 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 May 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,520 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 May 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$74,753,957 which includes balancing account interest.
- (8) As of May 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$3,044,061 which includes balancing account interest.
- (9) As of May 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$5,293,830 which includes balancing account interest.
- (10) As of May 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,339,886 which includes balancing account interest.
- (11) Line 1600 has been regrouped into two projects, Line 1600 South and 1600 North.

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

Appendix B

Projects Remediated or Removed

SCG		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	May	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	-	53
Line 38-508	-	-
Line 38-514 ⁽¹⁾	50	97
Line 38-516	-	-
Line 38-523	-	58
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	-	9
Line 41-25	-	1
Line 41-207BR1	-	76
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 May 2015

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Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	May	Project-To-Date Total
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	-	-
Line 317	-	-
Line 32-90	-	-

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

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Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	May	Project-To-Date Total
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 36-1001 ⁽¹⁾	10	19
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	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	May	Project-To-Date Total
Line 41-55	-	-
Line 41-83	-	-
Line 41-84	-	-
Line 41-84-A	-	-
Line 41-90	-	-
Line 41-6045	-	48
Line 41-6501	-	34
Line 42-12	-	-
Line 42-46	-	-
Line 42-46-F	-	-
Line 42-57	-	-
Line 43-1106	-	-
Line 43-34	-	-
Line 45-163	-	1
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	59	702

Overall Table Notes:

⁽¹⁾ The May 2015 project costs associated with Line 38-514 and 36-1001 is for the Phase 1B portion of the project.

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

Appendix B

Projects Remediated or Removed

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

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	May	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾	-	684
Records Review	-	14,706
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	-	16,034

SDGE	(in \$1,000)	
	May	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾⁽⁸⁾	4	74
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
Total SDGE Records Review and Interim Safety Measure Costs	4	1,176

Overall Table Notes:

- (1) Costs reflect actuals for the month of May and project-to-date costs from May 2012 to May 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 May 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,136,131 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 May 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,520 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.
- (8) Non-PSEP labor was incorrectly charged to PSEP's Leak Survey and Pipeline Patrol accounts in May 2015. Corrections will be reflected in the June 2015 report going forward.

PSEP - SCG / SDG&E

Appendix D - Active Valve Projects List as of May 2015

Valve Projects	May 2015 No. of Valves ⁽¹⁾	May 2015 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.)Reported in May 2015	Project-To-Date Total (in \$1,000)
Valves-SoCalGas				
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13	721
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13	874
Moreno Small	2	Stage 7 Close-out / Reconciliation	Jan-14	600
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,029
Haskell Station	2	Stage 7 Close-out / Reconciliation	Jan-14	552
Moreno Large	1	Stage 7 Close-out / Reconciliation	Jan-14	462
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14	651
Santa Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14	585
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	872
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	5,969
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Brea Station-1013	1	Stage 7 Close-out / Reconciliation	Oct-14	137
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	3,497
407 Sullivan Canyon ⁽⁹⁾	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	613
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	1,113
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	836
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,173
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Jun-16	318
SGV	5	Stage 5-6 Construction / Turnover	Feb-15	3,394
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	2,353
Blythe⁽⁵⁾				
Blythe (Cactus City)	1	Stage 5-6 Construction / Turnover	Feb-15	888
Blythe Station 2	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	275
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	973
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	962
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	2,370
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	454
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	2,572
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	2,193
404-406 Valley ⁽³⁾	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	733
Indio⁽⁶⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	1,201
Indio 2016	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	245
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	4
Santa Barbara - 1005 ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Mar-15	179
L4000 MP 45.36 ⁽¹¹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	62
L4000 MP 53.00 ⁽¹⁰⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	316
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	277
L4000 MP 80.08 MLV	1	Stage 5-6 Construction / Turnover	May-15	134
L4002 MP 67.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-17	312
L1014 Brea	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	467
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	438
L2003 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	450
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	339
Questar Taps	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	357
Quigley Station	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	304
Riverside 2001	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	127
Aviation	11	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	535
404 Ventura	11	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,055
406 Ventura	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	571
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	78
Los Alamitos	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	85
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	109
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	117
Fontana Bundle - L4002	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-15	187
SL45-120 Section 2 ⁽⁷⁾	2	Stage 1 Project Initiation	Nov-15	38
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	77
L1017	11	Stage 1 Project Initiation	Apr-17	9
L1018	14	Stage 1 Project Initiation	Jun-17	11
L2000 Beaumont Riverside⁽¹³⁾				
L2000 Beaumont 201	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-15	173
L2000 Beaumont 201	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-
L7000	13	Stage 1 Project Initiation	May-16	104
Taft	11	Stage 1 Project Initiation	Mar-16	39
Rainbow	14	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	155
L2003 West	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	318

PSEP - SCG / SDG&E

Appendix D - Active Valve Projects List as of May 2015

Valve Projects	May 2015 No. of Valves ⁽¹⁾	May 2015 Project Lifecycle Stage ⁽²⁾	(Est.)Reported in May 2015	Project-To-Date Total
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	4
Banning 5000	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	104
L85 Templin Highway MP 13	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	13
43-121 Bundle	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	24
Total SoCalGas Valves				46,196

Valve Projects	May 2015 No. of Valves ⁽¹⁾	May 2015 Project Lifecycle Stage ⁽²⁾	(Est.)Reported in May 2015	Project-To-Date Total (in \$1,000)
Valves-SDG&E				
3010 Bundle	9	Stage 5-6 Construction / Turnover	Dec-14	67
1600 Bundle	10	Stage 5-6 Construction / Turnover	Dec-14	114
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	295
Total SDG&E Valves				476

⁽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

⁽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⁾ 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 descoped 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".