

April 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 April 2015.

II. Current Status

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

Pipelines:

1. No new pipeline projects started
2. 22 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 5 valve projects
 - Alhambra Station (Alhambra)
 - Banning Airport (Banning)
 - Orange Bundle (Orange)
 - Lampson Bundle (Garden Grove)
 - El Segundo Bundle (El Segundo)
2. 16 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.

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

IV. **Attachments**

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

V. **Notes**

- Line 41-181 and 41-207BR1 have been descoped from PSEP and moved from Appendix A “Active Projects List” to Appendix B “PSEP Cost Report - PSEP Pipeline Projects Remediated or Removed Due to Successful Locating of Records”
- Appendix B: \$2.9 million was adjusted retroactively for February 2015 activity due to an accounting system adjustment to capture costs for 36-9-09 North.

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

Pipeline	PSEP Filing Priority	Total Miles as Filed	Apr-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Apr 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⁾			3-Project Definition				Oct-15
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	4-Detailed Design	16	1944	49%	Jul-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				Jul-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	4-Detailed Design	20	1948	48%	May-15
41-6000-2 ⁽⁹⁾	27	39.95	2-Selection	8.625	1948	26%	Oct-15
36-9-09 North ⁽⁶⁾	29	16.02		8.625	1932	46%	
Section 1			4-Detailed Design				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				Jan-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				Jul-16
Section 7B			4-Detailed Design				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%	Jul-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%	Oct-15
33-121	59	0.16	3-Project Definition	26	1955	42%	Jan-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

Pipeline	PSEP Filing Priority	Total Miles as Filed	Apr-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Apr 2015
Pipeline-SCG							
41-30	82	3.95	3-Project Definition	10.75	1953	31%	Aug-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	89	1.98	3-Project Definition	12.75	1952	43%	Jun-15
41-80	90	1.84	3-Project Definition	6.625	1949	42%	Aug-15
36-1002	96	0.21	4-Detailed Design	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%	Jul-15
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Jul-15
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Jul-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%	Oct-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
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				Oct-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	9.590	5-Construction	16	1955	29%	Mar-15
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 April 2015

Appendix B

SCG		(in \$1,000)	
PSEP Pipeline Projects		April	Project-To-Date Total
Line 85		228	2,466
Line 103		-	4
Line 127		-	2
Line 128		-	-
Line 225		51	682
Line 1004		5	1,961
Line 1005		23	5,139
Line 1011		1	2,263
Line 1013		14	2,213
Line 1014		38	695
Line 1015		632	4,821
Line 2000 ⁽¹¹⁾		844	45,147
Line 2000-0.18-B0		-	-
Line 2000-0.18-XO1		1	268
Line 2000-0.18-XO2		-	-
Line 2001 West		(218)	10,767
2000-C & 2001W-C ⁽¹¹⁾		-	-
Line 2003		176	6,169
Line 235 West		137	3,405
Line 235 West Sawtooth Canyon		(9)	1,651
Line 30-18		309	14,099
Line 31-09		10	568
Line 32-21		(259)	3,565
Line 33-120		118	8,212
Line 33-121		18	860
Line 35-20		-	10
Line 35-20-N		5	176
Line 36-1002		34	230
Line 36-1032		(239)	8,055
Line 36-9-09 North ⁽¹²⁾		388	24,377

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SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects	April	Project-To-Date Total	
Line 36-9-21	3	496	
Line 36-37	2	940	
Line 37-07	320	20,137	
Line 37-18	5,186	22,220	
Line 37-18 F	193	1,507	
Line 37-18 K	(8)	97	
Line 38-101	-	9	
Line 38-143	7	16	
Line 38-200	46	1,760	
Line 38-278	4	10	
Line 38-501	215	1,385	
Line 38-504	(4)	(1)	
Line 38-512	2,079	6,070	
Line 38-539	(492)	9,941	
Line 38-556	(4)	(1)	
Line 38-931	10	151	
Line 38-960	3	11	
Line 38-980	2	11	
Line 38-981	1	8	
Line 38-1102	25	106	
Line 404	505	5,989	
Line 406	(99)	9,050	
Line 404/406 Somis Station	1	1	
Line 407	6	5,804	
Line 41-04ST1	-	-	
Line 41-17	-	28	
Line 41-17-F	-	(1)	
Line 41-116	-	1	
Line 41-116BP1	-	7	
Line 41-19	1	6	

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

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SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects		April	Project-To-Date Total
Line 41-201		-	-
Line 41-30		9	28
Line 41-30-A		(10)	112
Line 41-6000-2		94	8,368
Line 41-6001-2		4	243
Line 41-80		-	41
Line 42-66-1		-	680
Line 42-66-2		-	-
Line 43-121		808	15,217
Line 44-1008		11	1,289
Line 44-137		814	11,205
Line 44-654		15	1,392
Line 44-687		(32)	2,060
Line 44-719		-	1
Line 44-720		80	1,561
Line 45-1001		11	11
Line 45-120		206	27,674
Line 45-120X01		-	777
Line 4000		-	87
Valves		3,959	39,795
Storage Fields		2,691	4,044
Communications *		24	1,735
Construction *		391	5,138
Engineering *		2,485	8,371
Training *		51	2,301
Gas Control *		9	236
Environmental *		81	1,655
Supply Management *		460	6,542
Insurance *		-	-
General Administration *		359	7,831

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

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SCG (continued)		
PSEP Pipeline Projects	April	Project-To-Date Total
Program Management Office *	430	6,781
Total SCG PSEP Pipeline Projects - Active And Not Yet Active Projects	23,257	388,737

*Overhead allocation pools have been established. Insurance payments of \$16.7M 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 April and project-to-date costs from May 2012 to April 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 April 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,132,287 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). The balance also reflects an April 2015 prior period adjustment for Bonus Depreciation.
- (6) As of April 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,513 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 April 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$63,272,981 which includes balancing account interest.
- (8) As of April 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$2,721,503 which includes balancing account interest. The balance also reflects April 2015 accounting accrual referrals.
- (9) As of April 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$4,498,087 which includes balancing account interest.
- (10) As of April 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,033,812 which includes balancing account interest.
- (11) Line 2000-C & 2001W-C costs consolidated into Line 2000
- (12) \$2.9MM added in February 2015 retroactively due to accounting system adjustment

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

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SDGE		(in \$1,000)	
PSEP Pipeline Projects	April	Project-To-Date Total	
Line 1005	-	-	
Line 1600	137	4,596	
Line 49-11	37	1,533	
Line 49-13	43	2,372	
Line 49-14	7	3,715	
Line 49-15	835	2,568	
Line 49-16	9	2,407	
Line 49-17	473	15,890	
Line 49-20	-	-	
Line 49-22	112	3,159	
Line 49-25	2,532	13,603	
Line 49-26	169	6,494	
Line 49-28	2,662	20,467	
Line 49-32 (Replacement)	(1)	3,525	
Valves	51	380	
Communications *	3	104	
Construction *	9	228	
Engineering *	66	1,364	
Training *	4	928	
Gas Control *	3	15	
Environmental *	1	(84)	
Supply Management *	(49)	1,116	
Insurance *	-	-	
General Administration *	(61)	1,190	
Program Management Office *	26	457	
Total SDGE PSEP Pipeline Projects - Active And Not Yet Active Projects	7,068	86,026	

*Overhead allocation pools have been established. Insurance payments of \$16.7M 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 April 2015

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SDGE (continued)

Overall Table Notes:

- (1) Costs reflect actuals for the month of April and project-to-date costs from May 2012 to April 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 April 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,132,287 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). The balance also reflects an April 2015 prior period adjustment for Bonus Depreciation.
- (6) As of April 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,513 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 April 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$63,272,981 which includes balancing account interest.
- (8) As of April 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$2,721,503 which includes balancing account interest. The balance also reflects April 2015 accounting accrual reversals.
- (9) As of April 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$4,498,087 which includes balancing account interest.
- (10) As of April 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$1,033,812 which includes balancing account interest.

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

Appendix B

Projects Remediated or Removed

SCG		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	April	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	19	47
Line 38-516	-	-
Line 38-523	-	58
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	1	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 April 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	April	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 April 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	April	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	2	38
Line 36-1001	9	9
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-l	-	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 April 2015

Appendix B

Projects Remediated or Removed

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	April	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	1	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	32	642

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

Appendix B

Projects Remediated or Removed

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

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	April	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾	-	684
Records Review ⁽⁸⁾	7	14,706
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	7	16,034

SDGE	(in \$1,000)	
	April	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 April and project-to-date costs from May 2012 to April 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 April 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,132,287 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 April 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,513 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) \$7,000 costs for April 2015 are system adjustments in SAP to reverse out prior month's accruals.

PSEP - SCG / SDG&E				
Appendix D - Active Valve Projects List as of April 2015				
Valve Projects	Apr 2015 No. of Valves ⁽¹⁾	Apr 2015 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Apr 2015	Project-To-Date Total (in \$,000)
Valves-SoCalGas				
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13	720
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13	872
Moreno Small	2	Stage 7 Close-out / Reconciliation	Jan-14	577
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14	1,013
Haskell Station	2	Stage 7 Close-out / Reconciliation	Jan-14	549
Moreno Large	1	Stage 7 Close-out / Reconciliation	Jan-14	461
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14	650
Santa Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14	583
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	869
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	5,901
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	3,273
407 Sullivan Canyon ⁽⁹⁾	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	599
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	743
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	675
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,137
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Jul-15	314
SGV	5	Stage 5-6 Construction / Turnover	Feb-15	3,269
Lampson	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	1,342
Blythe ⁽⁵⁾				
Blythe (Cactus City)	1	Stage 5-6 Construction / Turnover	Feb-15	895
Blythe Station 2	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	272
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	868
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	819
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	1,415
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	416
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	2,360
El Segundo	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	1,154
404-406 Valley ⁽³⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	649
Indio ⁽⁶⁾				
Indio 2014	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	1,161
Indio 2016	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	272
235-198.20 ⁽⁸⁾	N/A	N/A	N/A	-
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1
Santa Barbara - 1005 ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Mar-15	142
L4000 MP 45.36 ⁽¹¹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	56
L4000 MP 53.00 ⁽¹⁰⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	240
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	209
L4000 MP 80.08 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-16	63
L4002 MP 67.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-17	241
L1014 Brea	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	348
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	316
L2003 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	338
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	234
Questar Taps	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	206
Quigley Station	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17	302
Riverside 2001	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	108
Aviation	11	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	459
404 Ventura	11	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	950
406 Ventura	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	397
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	44
Los Alamitos	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	61
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	92
Fontana MLVs 4000-4002	3	Stage 1 Project Initiation	Feb-16	54
Fontana Bundle - L4002	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-15	179
SL45-120 Section 2 ⁽⁷⁾	2	Stage 1 Project Initiation	Jan-16	12
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	73
L1017	10	Stage 1 Project Initiation	Apr-17	5
L1018	14	Stage 1 Project Initiation	Jun-17	6
L2000 Beaumont Riverside	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-15	116
L7000	13	Stage 1 Project Initiation	May-16	96
Taft	11	Stage 1 Project Initiation	Mar-18	30
Rainbow	14	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	127
L2003 West	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	235
Brea Station-1013	1	Stage 7 Close-out / Reconciliation	Oct-14	136
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	1
Banning 5000	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	45
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-15	10

PSEP - SCG / SDG&E				
Appendix D - Active Valve Projects List as of April 2015				
Valve Projects	Apr 2015 No. of Valves ⁽¹⁾	Apr 2015 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Apr 2015	Project-To-Date Total
43-121 Bundle	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	23
Total SoCalGas Valves				39,795

Valve Projects	Apr 2015 No. of Valves ⁽¹⁾	Apr 2015 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Apr 2015	Project-To-Date Total
Valves-SDG&E				(in \$1,000)
3010 Bundle	9	Stage 5-6 Construction / Turnover	Dec-14	63
1600 Bundle	10	Stage 5-6 Construction / Turnover	Dec-14	103
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	214
Total SDG&E Valves				380

⁽¹⁾ Number subject to change based on design and constructability. Backflow Prevention (BFP2) and Flow Meters (FM) are for check valves and reg. station modifications. Counts do not include BFP1, regulator station modification, projects.

⁽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 Vicente" 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"