



August 28, 2014

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

Ms. Denise Tyrrell
Interim Director, Safety and Enforcement Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

RE: Southern California Gas Company and San Diego Gas & Electric Monthly Pipeline Safety Enhancement Plan Status Report-July 2014

Dear Mr. Randolph and Ms. Tyrrell:

Enclosed please find the Monthly Pipeline Safety Enhancement Plan Status Report of Southern California Gas Company (SoCalGas) and San Diego Gas & Electric Company (SDG&E) for July 2014 as required per D.12-04-021. D.12-04-021 requires SoCalGas and SDG&E to provide a Monthly Pipeline Safety Enhancement Plan update to the Commission's Energy Division and Safety and Enforcement Division (formerly CPSD) as our plan is implemented.

Please feel free to contact me should you have any additional questions regarding this report.

Sincerely,

Jeff Salazar
Regulatory Business Manager

Attachment

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

July 2014 PSEP Update

I. Introduction

In D.12-04-021, the Commission 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 July 2014.

II. Current Status

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

1. Construction activity began on the replacement of L#1011 in the city of Ventura, L#1013 in the city of Brea, L #30-18 in the cities of Torrance and Carson, and L #41-30-A in the city of Ontario.
2. Hydrotesting began on L#2000 West in the city of Whittier.
3. Construction is progressing on L#33-120 Section 2 replacement in the city of Los Angeles, hydrotesting of the south segment of L#407 in the cities of Sullivan Canyon and Los Angeles and replacement of L#49-32 in the city of San Diego.
4. Replacement Construction work was completed on L#36-37 in the city of Ventura and L#45-120 Section 1 in the city of Santa Clarita.
5. Environmental support continues at various valve and pipeline projects.

III. Costs

Actual costs tracked in SoCalGas and SDG&E's respective Memorandum Accounts are provided in Appendix B and Appendix C.

IV. Miscellaneous

The PSEP Status Report will now show the costs incurred in the reporting period and the project to date total spending per project without the estimated forecasted expenditure and remaining spend per project (Appendix B&C). The utilities will now provide

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

balances of the recently approved capital and expense balancing accounts as of the current reporting period (see footnotes on page 3 & 4 of Appendix B).

PSEP - SCG / SDG&E
Appendix A - Active Projects List as of 25 July 2014

Pipeline	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage ⁽¹⁾	Prominent Diameter	Prominent Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in July 2014
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾	various ⁽³⁾	30	1947	67%	various ⁽³⁾
2001 West	3	64.10	various ⁽⁴⁾	30	1950	50%	various ⁽⁴⁾
1005	4	3.50	4-Detailed Design	22	1949	59%	Aug-14
2003	6	26.50	4-Detailed Design	30	1949	36%	Oct-14
407	7	6.30	5-Construction	30	1951	36%	Mar-14
406	9	20.70	4-Detailed Design	22	1951	60%	Nov-14
235 West	10	3.10	5-Construction	30	1957	49%	Jun-14
1013	11	3.50	5-Construction	30	1954	43%	Jul-14
1015	12	7.85	4-Detailed Design	30	1954	43%	Sep-14
1004	13	19.70	4-Detailed Design	16	1944	49%	Apr-15
404	14	37.80	3-Project Definition	18	1949	50%	Nov-14
44-137	15	1.00	3-Project Definition	20	1950	43%	Oct-14
2000-0.18-XO2	16	0.01	Stages 2-4 ⁽⁵⁾	20	1961	55%	Jan-16
1014	18	0.003	4-Detailed Design	30	1959	48%	Sep-14
43-121	22	4.41	4-Detailed Design	26	1930	42%	Oct-14
2000-0.18-BO	23	0.01	Stages 2-4 ⁽⁵⁾	12.75	1952	41%	Jan-16
33-120 ⁽⁶⁾	24	1.25		22	1940	44%	
Section 1 & 3			3-Project Definition				Jun-15
Section 2			5-Construction				Jun-14
45-120 ⁽⁶⁾	25	4.30		22	1930	26%	
Section 1			7-Close-out				Mar-14
Section 2 & 3			4-Detailed Design				Nov-14
32-21	26	10.23	4-Detailed Design	20	1948	48%	Nov-14
41-6000-2	27	39.95	2-Selection	8.625	1948	26%	Nov-15
36-9-09 North	29	16.02	5-Construction	8.625	1932	46%	Jun-14
37-18-K	32	2.85	2-Selection	20	1949	33%	May-15
1011	36	5.14	5-Construction	20	1955	34%	Jul-14
36-37	38	0.02	7-Close-out	16	1970	26%	May-14
42-66-1	40	0.04	7-Close-out	12.75	1947	34%	Oct-13
42-66-2	41	0.03	7-Close-out	12.75	1947	34%	Oct-13
2000-0.18-XO1	43	0.01	Stages 2-4 ⁽⁵⁾	12.75	1952	41%	Jan-16
37-18	45	4.16	4-Detailed Design	16	1945	38%	Oct-14
37-18-F	46	2.06	4-Detailed Design	16	1946	38%	Sep-14
30-18	47	2.58	4-Detailed Design	16	1943	23%	Jul-14
44-654	50	0.01	Stages 5-6 ⁽⁵⁾	6.625	1957	32%	Jun-14
31-09	52	12.81	3-Project Definition	24	1958	24%	Sep-15
37-07	53	2.68	4-Detailed Design	16	1945	28%	Sep-14
45-163	54	0.91	3-Project Definition	16	1966	37%	Aug-15
41-19	56	0.01	Stages 2-4 ⁽⁵⁾	12.75	1957	35%	Jun-15
33-121	59	0.16	3-Project Definition	26	1955	42%	Jul-15
41-6001-2	63	0.005	3-Project Definition	10.75	1967	44%	Feb-15
36-1032	64	1.54	5-Construction	8.625	1963	39%	May-14
35-20-A	71	1.32	3-Project Definition	12.75	1965	49%	May-15
41-30-A	80	0.26	Stages 5-6 ⁽⁵⁾	12.75	1940	37%	Jul-14
41-30	82	3.95	Stages 2-4 ⁽⁵⁾	10.75	1953	31%	Sep-14
38-200	86	0.23	4-Detailed Design	12.75	1948	23%	Oct-14

Pipeline	PSEP Filing Priority	Total Miles as Filed	Project Lifecycle Stage ⁽¹⁾	Prominent Diameter	Prominent Vintage	%SMYS ⁽²⁾	Construction Start Date (Est.) Reported in July 2014
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%	Dec-14
41-80	90	1.84	Stages 2-4 ⁽⁵⁾	6.625	1949	42%	Oct-14
36-1002	96	0.21	Stages 2-4 ⁽⁵⁾	8.625	1928	26%	Sep-14
44-687	99	0.23	3-Project Definition	8.625	1946	46%	Oct-14
38-512	106	4.78	3-Project Definition	6.625	1939	32%	Feb-15
44-1008	107	10.06	4-Detailed Design	10.75	1937	39%	Mar-15
41-181	109	0.002	Stages 2-4 ⁽⁵⁾	8.625	1957	33%	Jun-15
35-20-N	113	0.010	Stages 2-4 ⁽⁵⁾	6.625	1929	51%	Aug-14
38-539	124	12.08	4-Detailed Design	10.75	1964	23%	Dec-14
36-9-21	126	5.06	3-Project Definition	10.75	1950	22%	Feb-15
44-720	132	1.17	3-Project Definition	8.625	1947	46%	Dec-14
41-201	138	0.01	Stages 2-4 ⁽⁵⁾	4.5	1957	36%	Mar-15
41-116	142	0.006	Stages 2-4 ⁽⁵⁾	4.5	1957	30%	Mar-15
41-116BP1	143	0.002	Stages 2-4 ⁽⁵⁾	3.5	1957	34%	Mar-15
41-6045	170	0.009	Stages 2-4 ⁽⁵⁾	2.375	1948	23%	Jun-16
35-6520	157	0.026	1-Project Initiation	4.5	1969		Feb-15
Storage ⁽⁷⁾	-(7)	2.83	various ⁽⁷⁾	various ⁽⁷⁾	various ⁽⁷⁾	various ⁽⁷⁾	various ⁽⁷⁾
Pipeline-SDG&E							
49-28	1	4.89	4-Detailed Design	16	1932	26%	Nov-14
49-17	2	5.812	3-Project Definition	16	1948	43%	Mar-15
49-25	4	2.278	4-Detailed Design	16	1960	30%	Oct-14
49-32	5	0.06	5-Construction	16	1950	25%	Jun-14
49-16	6	9.590	3-Project Definition	16	1955	29%	Oct-15
49-11	7	6.30	3-Project Definition	20	1969	31%	Jan-15
49-26	10	2.615	4-Detailed Design	12	1958	24%	Feb-15
49-14	14	2.45	4-Detailed Design	16	1959	30%	Sep-14
49-15	15	6.60	3-Project Definition	10.75	1950	31%	Jul-15
49-22	16	4.04	5-Construction	10.75	1951	36%	Apr-14
49-13	18	3.46	3-Project Definition	10.75	1959	25%	Jun-15
49-32-L	N/A	0.115	3-Project Definition	10.75	1965	25%	May-15

⁽¹⁾ Stage Categories: - These categories represent seven stages of a pipe project's lifecycle. Stage 1 Project Initiation, Stage 2 Selection, Stage 3 Project Definition, Stage 4 Detailed Design/Procurement, Stage 5 Construction, Stage 6 Start-up/Turn-over, and Stage 7 Close-out.

⁽²⁾ The number shown, e.g. 67% is the stress level of the majority of the pipe segments.

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

⁽⁴⁾ Segments 15 & 16 of this pipeline are in Stage 7-Close Out, construction occurred in April 2014. Segments 10 & 14 are in Stage 4-Detailed Design, and will start Aug 2014. Segments 18 & 19 are in Stage 4-Detailed Design, and will start Sept 2014. Segments 11 & 17 are in Stage 4-Detailed Design, and will start Oct 2014. This pipeline has been broken up into segments so we can report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.

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

⁽⁶⁾ This pipeline has been broken up into sections so we can report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability.

⁽⁷⁾ There are numerous Storage fields, with too many lines to distinguish predominant pipe diameter, vintage, %SMYS and construction start dates for each Storage line. However Storage field project stage and construction start will only be reported. Currently Playa Del Rey is in Stage 3-Project Definition and will start construction Jan 2015, and Goleta is in Stage 3-Project Definition and will start construction Apr 2015.

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

Appendix B

SCG	(in \$1,000)	
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	July	Project-To-Date Total
Line 1004	133	554
Line 1005	217	1,063
Line 1011	137	443
Line 1013	151	431
Line 1014	36	96
Line 1015	112	806
Line 2000	519	25,366
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	9	151
Line 2000-0.18-XO2	-	-
Line 2001 West	489	2,196
Line 2003	228	1,299
Line 235 West	438	1,694
Line 30-18	3,417	4,423
Line 31-09	15	75
Line 32-21	(11)	1,730
Line 33-120	696	2,046
Line 33-121	23	485
Line 35-20-A	1	18
Line 35-20-N	2	32
Line 35-6520	-	-
Line 36-1002	5	35
Line 36-1032	517	2,109
Line 36-9-09 North	1,756	6,935
Line 36-9-21	12	252
Line 36-37	591	815
Line 37-07	55	635
Line 37-18	146	690
Line 37-18 F	102	588
Line 37-18 K	-	90

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

Appendix B

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	July	Project-To-Date Total
Line 38-200	92	562
Line 38-501	27	1,103
Line 38-512	16	1,082
Line 38-539	102	502
Line 38-931	21	34
Line 404	246	1,411
Line 406	257	1,549
Line 407	561	3,911
Line 41-04ST1	-	-
Line 41-17	-	-
Line 41-17-F	-	28
Line 41-116	-	-
Line 41-116BP1	-	8
Line 41-181	-	6
Line 41-19	-	2
Line 41-201	-	-
Line 41-207BR1	-	-
Line 41-30	5	17
Line 41-30-A	4	25
Line 41-6000-2	62	240
Line 41-6001-2	2	26
Line 41-6045	12	46
Line 41-6501	-	-
Line 41-80	-	13
Line 42-66-1	2	674
Line 42-66-2	-	-
Line 43-121	1,627	3,433
Line 44-1008	49	888
Line 44-137	94	798
Line 44-654	107	693
Line 44-687	54	1,029

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

Appendix B

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	July	Project-To-Date Total
Line 44-719	-	-
Line 44-720	120	615
Line 45-120	2,157	7,348
Line 45-120X01	-	777
Line 45-163	41	227
Line 4000	-	99
Valves	1,902	10,944
Storage Fields	14	840
Communications *	107	1,092.63
Construction *	547	2,429.07
Engineering *	1,049	2,685.38
Training *	81	1,946.18
Gas Control *	13	205.89
Environmental *	49	1,819.40
Supply Management *	281	4,594.71
Insurance *	-	-
General Administration *	390	7,892.75
Program Management Office *	(229)	4,838.91
Total SCG PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	19,659	121,490

*Overhead allocation pools have been established. Insurance payments of \$14.4M 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 July and project-to-date costs from May 2012 to July 2014.
- (2) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.
- (3) Costs are in nominal direct dollars.
- (4) Costs recovery will include indirects and applicable loaders.
- (5) As of July 2014, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$62,889,446 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 July 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$1,457,098 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 July 2014, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBAA) reflects a balance of \$5,744,658 which includes balancing account interest.
- (8) As of July 2014, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$222,849 which includes balancing account interest.

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

Appendix B

SDGE		(in \$1,000)
PSEP Pipeline Projects - Active (as shown in Appendix A) And Not Yet Active Projects	July	Project-To-Date Total
Line 1600	156	1,597
Line 49-11	234	747
Line 49-13	134	203
Line 49-14	185	502
Line 49-15	30	100
Line 49-16	35	303
Line 49-17	649	1,807
Line 49-20	-	-
Line 49-22	176	1,018
Line 49-25	283	1,144
Line 49-26	1,371	1,992
Line 49-28	484	1,538
Line 49-32 (Replacement)	484	1,318
Communications *	-	19
Construction *	63	781
Engineering *	90	981
Training *	-	11
Gas Control *	-	8
Environmental *	12	303
Supply Management *	56	863
Insurance *	-	-
General Administration *	180	803
Program Management Office *	59	868
Total SDGE PSEP Pipeline Projects - Active (Appendix A) And Not Yet Active Projects	4,680	16,905

*Overhead allocation pools have been established. Insurance payments of \$14.4M 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 July and project-to-date costs from May 2012 to July 2014.
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- (6) As of July 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$1,457,098 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 July 2014, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,744,658 which includes balancing account interest.
- (8) As of July 2014, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$222,849 which includes balancing account interest.

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

Appendix B

Projects Remediated or Removed from Phase 1A

SCG		(in \$1,000)	
PSEP Pipeline Projects - Remediated Outside of Phase 1A or Removed Due to Successful Locating of Records	July	Project-To-Date Total	
Line 33-121	11	14	
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	-	52	
Line 38-504	21	23	
Line 38-508	-	-	
Line 38-514	-	32	
Line 38-516	-	-	
Line 38-523	-	62	
Line 38-528	2	24	
Line 38-552	-	-	
Line 38-556	25	32	
Line 38-959	-	-	
Line 41-117	-	-	
Line 41-25	-	1	
Line 41-35-1-KST2	-	-	
Line 1003	-	-	
Line 1003LT2	-	-	
Line 1017BP1	-	-	
Line 1017BP2	-	-	
Line 1017BP3	-	-	
Line 1017BR4	-	-	
Line 1017BR5	-	-	
Line 1017BR6	-	-	
Line 1017BR7	-	-	
Line 1018	-	-	

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

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	July	Project-To-Date Total	
Line 1020	-	88	
Line 1024	-	3	
Line 1025	-	-	
Line 1171LT2	-	-	
Line 1171LT1BP2	11	32	
Line 1172 BP2ST1	-	-	
Line 1172 BP2ST2	-	2	
Line 1172 BP2ST3	-	-	
Line 1172 BP2ST4	-	-	
Line 1172 BP3	-	-	
Line 1172 ID 2313	-	13	
Line 169	-	-	
Line 235 East	-	11	
Line 247	-	18	
Line 2001 East	9	93	
Line 3000-261.73-BO	-	-	
Line 3000-261.73-BR	-	-	
Line 30-02	-	-	
Line 30-02-U	-	-	
Line 30-09-A	-	-	
Line 30-6200	-	-	
Line 30-32	-	13	
Line 30-6209	-	-	
Line 30-6292	-	-	
Line 30-6543	-	-	
Line 30-6799	-	-	
Line 30-6799BR1	-	-	
Line 317	-	-	

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

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	July	Project-To-Date Total
Line 32-90	-	-
Line 35-10	-	4
Line 35-20	-	12
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 36-1001	-	-
Line 36-1006	-	-
Line 36-6588	-	-
Line 36-7-04	-	-
Line 36-9-21BR1	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408XO1	-	-
Line 41-04-I	-	9
Line 41-05	-	6
Line 41-05-A	-	-
Line 41-101	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-17-A2	-	5
Line 41-17-FST1	-	-
Line 41-198	-	-
Line 41-199	-	-

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

Appendix B

Projects Remediated or Removed from Phase 1A

SCG (continued)		(in \$1,000)	
	July	Project-To-Date Total	
PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records			
Line 41-25-A	-	-	
Line 41-55	-	-	
Line 41-83	-	-	
Line 41-84	-	-	
Line 41-84-A	-	-	
Line 41-90	-	-	
Line 42-12	-	-	
Line 42-46	-	-	
Line 42-46-F	-	-	
Line 42-57	-	-	
Line 43-1106	-	-	
Line 43-34	-	-	
Line 53	-	-	
Line 6100	-	-	
Line 765-8.24-BO	-	-	
Line 765BR4	-	-	
Line 775	-	-	
Line 775BO1	-	-	
Line 8107	-	-	
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	78	550	
SDG&E		(in \$1,000)	
	July	Project-To-Date Total	
PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records			
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 July 2014

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	July	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	958
Records Review	(32)	14,180
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	(32)	15,782

SDGE	(in \$1,000)	
	July	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	71
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
Total SDGE Records Review and Interim Safety Measure Costs	-	1,173

Overall Table Notes:

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- (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 July 2014, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$62,889,446 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 July 2014, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$1,457,098 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).

PSEP - SCG / SDG&E
Appendix D - Active Valve Projects List as of 25 July 2014

Valve Projects	No. of Valves, Backflow Prevention & Flow Meters ⁽¹⁾	Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in July 2014
Bain Street Station	2	Stage 7 Close-out / Reconciliation	Dec-13
Chino Station	5	Stage 7 Close-out / Reconciliation	Dec-13
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14
Prado Station	5	Stage 7 Close-out / Reconciliation	Jan-14
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14
Whitewater Station	3	Stage 7 Close-out / Reconciliation	Mar-14
Sante Fe Springs	3	Stage 7 Close-out / Reconciliation	Mar-14
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14
Newhall Station	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-14
407 San Vicente	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-15
Victoria Station	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
Alhambra Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
Pixley	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
L 2001W Seg 10/11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Sep-14
SGV	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-14
Lampson	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
Blythe	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
Banning Airport	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-14
Orange	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-14
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-14
L 1020	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14
New Desert	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14
El Segundo	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-14
404/406 Valley ⁽³⁾	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-14
Indio	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
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3010 Bundle	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-14
1600 Bundle	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-14

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

⁽²⁾ Stage Categories: - These categories represent the stage of a valve project's lifecycle. Stage 1 Project Initiation, Stage 2-4 Engineering & Planning/ Contract Bidding & Procurement, Stage 5-6 Construction/ Turnover, and Stage 7 Close-out/ Reconciliation.

⁽³⁾ 404/406 Valley is being accelerated to be completed in conjunction with pipeline projects. Change Notice is being prepared to reflect this change. Conservative Baseline Construction Start Date and Project Lifecycle Stage for Line 404 was used.

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