



Shirley Amrany  
Regulatory Case Manager  
Regulatory Affairs  
555 West Fifth Street, GT14D6  
Los Angeles, CA 90013-1011  
Tel: 213.244.4845  
Fax: 213.244.4957  
samrany@semprautilities.com

November 30, 2015

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

Ms. Elizaveta Malashenko  
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-October 2015**

Dear Mr. Randolph and Ms. Malashenko:

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 October 2015 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,

                  /s/ Shirley Amrany                  

Shirley Amrany  
Regulatory Case Manager

Attachment

CC: Richard Myers, CPUC Energy Division  
Belinda Gatti, CPUC Energy Division  
Jean Spencer, CPUC Energy Division  
Sunil Shori, CPUC Safety and Enforcement Division  
Kenneth Bruno, CPUC Safety and Enforcement Division

## October 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.<sup>1</sup> Attached is the update for October 2015.

### II. Current Status

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

#### **Pipelines:**

1. New construction activity began on 1 pipeline project
  - 38-KWB-P1B-01 (Lost Hills, Alpaugh)
2. 29 pipeline projects are in Construction (Stage 5)
3. 24 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
  - Riverside 2001 (Riverside, Chino)
  - L2003 West (Los Angeles, Inglewood)
  - Banning 5000 (Banning)
2. 37 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 Pipeline Projects List*
- Appendix B – *SoCalGas and SDG&E PSEP Cost Report to the Commission for October 2015*
- Appendix C – *Records Review and Interim Safety Measure Costs*
- Appendix D – *PSEP - SoCalGas / SDG&E - Active Valve Projects List*

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

## V. Notes

- Appendix A, SoCalGas Table Footnote 14: The Project Lifecycle has been revised to stage 2 from stage 3 to accurately reflect the status for the following projects:
  - 36-1001-P1B-01
  - 36-1032-P1B-01
  - 36-37-P1B-01
  - 43-121-P1B-01
  - 45-1001-P1B-01
  - 38-101-P1B-01
  - 38-143-P1B-01
  - 7043-P1B-01
  
- Appendix B, SoCalGas Table Footnote 11:
  - A routine class location review led to the re-classification of a segment of 38-514 to Class 3, necessitating the segment being addressed in Phase 1A. Other segments of 38-514 had previously been de-scoped from PSEP.
  - A segment of 36-1001 is identified to be addressed in Phase 1B. Design work began early this year. Charges were showing up in the “remediated or removed list” because other segments of 36-1001 had previously been de-scoped from PSEP. These charges have been reclassified.

PSEP - SCG / SDG&E							
Appendix A - Active Pipeline Projects List as of October 2015							
Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Oct-15 Project Lifecycle Stage <sup>(1)</sup>	Predominant Diameter	Predominant Vintage	Predominant %SMYS <sup>(2)</sup>	Construction Start Date (Est.) Reported in Oct-15
Pipeline-SCG							
2000 <sup>(3)</sup>	1	117.6 <sup>(3)</sup>		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 <sup>(4)</sup>	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 <sup>(3)(4)(10)</sup>							
2000-C			4-Detailed Design				Jun-16
2001 West - C			3-Project Definition				Sep-16
2000-D			3-Project Definition				Nov-16
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 <sup>(5)</sup>			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 <sup>(6)</sup>	22	4.41		26	1930	42%	
43-121 North			4-Detailed Design				Jan-16
43-121 South			5-Construction				Aug-14
33-120 <sup>(6)</sup>	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 <sup>(6)</sup>	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 <sup>(9)</sup>	27	39.95	5-Construction	8.625	1948	26%	Sep-15
36-9-09 North <sup>(6)</sup>	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 <sup>(12)</sup>			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 <sup>(13)</sup>			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%	Apr-16
37-18-K	12	2.85	2-Selection	20	1949	27%	Apr-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	7-Close-out	24	1958	24%	Jul-15
37-07	53	2.68	5-Construction	16	1945	28%	Sep-14
33-121	59	0.16	3-Project Definition	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%	Apr-16
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 <sup>(6)</sup>	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 <sup>(14)</sup>	96	0.21	6-Start Up/Turnover	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 <sup>(8)</sup>	107	10.06	4-Detailed Design	10.75	1937	39%	Jan-17

Pipeline Project	PSEP Filing Priority	Total Miles as Filed	Oct-15 Project Lifecycle Stage <sup>(1)</sup>	Predominant Diameter	Predominant Vintage	Predominant %SMYS <sup>(2)</sup>	Construction Start Date (Est.) Reported in Oct-15
<b>Pipeline-SCG</b>							
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	6-Start Up/Turnover	8.625	1947	46%	Jun-15
41-201	138	0.01	3-Project Definition	4.5	1957	36%	Apr-16
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Apr-16
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Apr-16
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	N/A	10.75	1954	27%	N/A
38-504	N/A	N/A	3-Project Definition	12.75	1952	34%	Feb-16
38-514	N/A	N/A	3-Project Definition	10.75	1945	38%	Mar-17
36-9-09 South	N/A	N/A	4-Detailed Design	10.75	1951	33%	Nov-15
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 <sup>(7)</sup>	-	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 <sup>(14)</sup>	N/A	N/A	2-Selection	12.75	1925	31%	Mar-16
36-1032-P1B-01 <sup>(14)</sup>	N/A	N/A	2-Selection	8.625	1928	27%	May-16
36-37-P1B-01 <sup>(14)</sup>	N/A	N/A	2-Selection	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 <sup>(14)</sup>	N/A	N/A	2-Selection	26	1930	31%	Oct-16
45-1001-P1B-01 <sup>(14)</sup>	N/A	N/A	2-Selection	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
38-101-P1B-01 <sup>(14)</sup>	N/A	N/A	2-Selection	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 <sup>(14)</sup>	N/A	N/A	2-Selection	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 <sup>(14)</sup>	N/A	N/A	N/A	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	5-Construction	Various	Various	Various	Oct-15
103	N/A	N/A	2-Selection	10.75	1941	42%	Jan-17
<b>Pipeline-SDG&amp;E</b>							
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 <sup>(6)</sup>	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				Jun-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%	Nov-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%	Feb-16

<sup>(1)</sup> 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.

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

<sup>(3)</sup> 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."

<sup>(4)</sup> 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."

<sup>(5)</sup> 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"

<sup>(6)</sup> 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.

<sup>(7)</sup> 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.

<sup>(8)</sup> 44-1008 has been renamed to project "44-1008 Section 2B"

<sup>(9)</sup> 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.

<sup>(10)</sup> Project "2000-C/2001W-C Desert Bundle" has been separated into 4 projects: 2000-C, 2001 West-C, 2000-D, and 2001 West-D.

<sup>(12)</sup> 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"

<sup>(13)</sup> Projects "42-66-1" and "42-66-2" have been merged as one project "42-66-1&2"

<sup>(14)</sup> Project Lifecycle has been revised to stage 2 from stage 3 to accurately reflect their status.

# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix B Active Projects

SCG	( in \$1,000)	
PSEP Pipeline Projects	October	Project-To-Date Total
Line 85 North	72	1,069
Line 85 South	(60)	624
Line 85 South Newhall	6	5,153
Line 103	3	11
Line 127	(38)	54
Line 128	-	1
Line 225	34	1,539
Line 1004	393	10,197
Line 1005	(143)	5,768
Line 1011	17	2,354
Line 1013	(16)	2,218
Line 1014	6	721
Line 1015	31	5,201
Line 2000-A	1	22,423
Line 2000-Bridge	5	385
Line 2000-C	101	4,373
Line 2000-D	78	185
Line 2000-West	20	23,346
Line 2000-West Santa Fe Springs Station	193	193
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	20	778
Line 2001 West-B	194	14,461
Line 2001 West-C	81	1,271
Line 2001 West-D	20	71
Line 2003	(25)	10,217
Line 235 West	(317)	3,210
Line 235 West Sawtooth Canyon	(6)	1,724
Line 30-18	1,396	18,551
Line 31-09	427	1,205
Line 32-21	117	8,511
Line 33-120 Section 1	57	2,172
Line 33-120 Section 2	30	6,877
Line 33-120 Section 3	76	1,083
Line 33-121	(22)	969
Line 35-20	-	10
Line 35-20-N	7	182
Line 36-9-09 JJ	1	246
Line 36-9-09 North	31	147
Line 36-9-09 North Section 1	4,031	21,430
Line 36-9-09 North Section 2A	19	94
Line 36-9-09 North Section 2B	15	2,651
Line 36-9-09 North Section 3	959	14,610
Line 36-9-09 North Section 4	9	6,692
Line 36-9-09 North Section 5	367	2,416
Line 36-9-09 North Section 6	98	3,622
Line 36-9-09 North Section 7	2,631	14,673
Line 36-9-09 South	22	310
Line 36-1001 <sup>11</sup>	10	47
Line 36-1002	78	1,649
Line 36-1032	122	9,870
Line 36-9-21	10	590
Line 36-37	153	1,441
Line 37-07	2,076	24,839
Line 37-18	(676)	26,778
Line 37-18 F	109	2,114

# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix B Active Projects

SCG (continued)	( in \$1,000)	
PSEP Pipeline Projects	October	Project-To-Date Total
Line 37-18 K	-	102
Line 38-101	16	60
Line 38-143	8	53
Line 38-200	(55)	2,201
Line 38-501	242	4,260
Line 38-504	13	680
Line 38-512	1,181	22,473
Line 38-514 <sup>11</sup>	710	1,068
Line 38-539	(184)	15,091
Line 38-931	23	682
Line 38-960	67	330
Line 38-1102	(12)	124
Line 38-KWB-P1B-01	26	240
Line 404	2,667	15,518
Line 406	1	10,263
Line 404/406 Somis Station	3	20
Line 407	(25)	5,966
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	5	36
Line 41-30-A	4	357
Line 41-6000-2	5,782	20,396
Line 41-6001-2	-	244
Line 42-66-1	-	681
Line 42-66-2	-	-
Line 43-121	495	25,744
Line 44-1008	(16)	1,689
Line 44-137	3,040	22,600
Line 44-687	1,348	4,352
Line 44-719	-	1
Line 44-654	14	1,572
Line 44-720	814	8,178
Line 45-1001	6	46
Line 45-120 Section 1	(112)	5,545
Line 45-120 Section 2	446	29,343
Line 45-120X01	-	750
Line 4000	-	87
Valves	5,090	80,225
Storage Field- Playa Del Rey Phase	2	2,886
Storage Field- Goleta	15	83
Methane Detectors	7	16
Communications *	(12)	1,626
Construction *	(511)	5,147
Engineering *	459	12,349
Training *	(61)	2,132
Gas Control *	(5)	205
Environmental *	(68)	1,220
Supply Management *	(204)	6,398
General Administration *	(132)	7,525
Program Management Office *	475	9,824
<b>Total SCG PSEP Pipeline and Valve Projects</b>	<b>34,385</b>	<b>622,028</b>

\*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 October and project-to-date costs from May 2012 to October 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 October 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,967,082 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 October 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,576 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 October 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$99,455,585 which includes balancing account interest.
- (8) As of October 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$5,240,271 which includes balancing account interest.
- (9) As of October 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$11,463,819 which includes balancing account interest.
- (10) As of October 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,900,941 which includes balancing account interest.
- (11) Lines 38-514 and 36-1001 previously reported as "remediated or removed" were recategorized as "active" projects.

# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix B Active Projects

SDGE	( in \$1,000)	
PSEP Pipeline Projects	October	Project-To-Date Total
Line 1600 South	(11)	44
Line 3602	746	8,799
Line 49-11	144	4,775
Line 49-13	2,352	6,647
Line 49-14	(140)	3,802
Line 49-15 Distribution	172	4,901
Line 49-15 Transmission	1	1
Line 49-16 Pipeline	241	7,288
Line 49-16 La Mesa Gate Station	1	1
Line 49-16 4th & Palm	(13)	-
Line 49-17 East	3,809	15,525
Line 49-17 West	(97)	16,362
Line 49-20	-	-
Line 49-22	(216)	3,559
Line 49-25	973	17,159
Line 49-26	(15)	7,133
Line 49-28	1,226	27,976
Line 49-32 (Replacement)	(17)	5,046
Valves	15	1,925
Communications *	5	135
Construction *	(67)	566
Engineering *	(174)	1,326
Training *	20	958
Gas Control *	1	26
Environmental *	14	48
Supply Management *	(20)	1,429
General Administration *	(94)	1,284
Program Management Office *	120	998
<b>Total SDGE PSEP Pipeline and Valve Projects</b>	<b>8,976</b>	<b>137,713</b>

\*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 October and project-to-date costs from May 2012 to October 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 October 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,967,082 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 October 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,576 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 October 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$99,455,585 which includes balancing account interest.
- (8) As of October 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBBA) reflects a balance of \$5,240,271 which includes balancing account interest.
- (9) As of October 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$11,463,819 which includes balancing account interest.
- (10) As of October 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,900,941 which includes balancing account interest.



# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix B

### Projects Remediated or Removed

SCG	( in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	October	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	-	0
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 38-556	-	-
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	-	-
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	-	-

# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix B

### Projects Remediated or Removed

<b>SCG (continued)</b>	( in \$1,000)	
<b>PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records</b>	<b>October</b>	<b>Project-To-Date Total</b>
Line 30-6799BR1	-	-
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	-	-
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	-	-
<b>Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records</b>	-	<b>660</b>

\*Lines 38-514 and 36-1001 previously reported as "remediated or removed" were recategorized as "active" projects.

<b>SDG&amp;E</b>	( in \$1,000)	
<b>PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records</b>	<b>October</b>	<b>Project-To-Date Total</b>
Line 49-18	-	-
Line 49-19	-	-
Line 49-27	-	-
Line 49-32 (Test)	-	-
<b>Total SDG&amp;E PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records</b>	-	-

# SCG and SDGE PSEP Cost Report to the Commission for October 2015

## Appendix C - Records Review and Interim Safety Measure Costs

<b>SCG</b>	( in \$1,000)	
	<b>October</b>	<b>Project-To-Date Total</b>
Leak Survey and Pipeline Patrol	-	684
Records Review	-	14,707
Pressure Protection Equipment	-	196
Other Remediation	-	447
<b>Total SCG Records Review and Interim Safety Measure Costs</b>	-	<b>16,035</b>

<b>SDGE</b>	( in \$1,000)	
	<b>October</b>	<b>Project-To-Date Total</b>
Leak Survey and Pipeline Patrol	-	70
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
<b>Total SDGE Records Review and Interim Safety Measure Costs</b>	-	<b>1,172</b>

Overall Table Notes:

- (1) Costs reflect actuals for the month of October and project-to-date costs from May 2012 to October 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 October 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,967,082 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 October 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,576 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 October 2015

Valve Projects	Oct-15 No. of Valves <sup>(1)</sup>	Oct-15 Project Lifecycle Stage <sup>(2)</sup>	Construction Start Date (Est.) Reported in Oct-15	Project-To-Date Total ( in \$1,000)
<b>Valves-SoCalGas</b>				
Bain Street Station	2	Stage 5-6 Construction / Turnover	Dec-13	785
Chino Station	5	Stage 5-6 Construction / Turnover	Dec-13	936
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14	607
Prado Station	5	Stage 5-6 Construction / Turnover	Jan-14	1,087
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14	616
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14	472
Whitewater Station	3	Stage 5-6 Construction / Turnover	Mar-14	668
Santa Fe Springs	3	Stage 5-6 Construction / Turnover	Mar-14	647
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	915
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	6,815
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Brea Station-1013	1	Stage 5-6 Construction / Turnover	Oct-14	229
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	6,586
407 Sullivan Canyon <sup>(7)</sup>	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	1,019
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	1,312
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,619
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,260
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	496
SGV	3	Stage 5-6 Construction / Turnover	Feb-15	4,858
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	5,045
Blythe <sup>(3)</sup>				
Blythe (Cactus City)	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	922
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	394
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	1,593
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	3,245
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	2,313
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	557
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	5,881
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	4,077
404-406 Valley	3	Stage 5-6 Construction / Turnover	Sep-15	1,359
Indio <sup>(4)</sup>				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	2,047
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	325
235-198.20 <sup>(6)</sup>	N/A	N/A	N/A	0
L1004 MP 15.27 Carpinteria	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	76
Santa Barbara - 1005 <sup>(10)</sup>	1	Stage 5-6 Construction / Turnover	Mar-15	271
L4000 MP 45.36 <sup>(9)</sup>	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	138
L4000 MP 53.00 <sup>(8)</sup>	3	Stage 5-6 Construction / Turnover	May-15	1,572
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	517
L4000 MP 80.08 MLV	3	Stage 5-6 Construction / Turnover	May-15	1,163
L4002 MP 67.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	460
L1014 Brea	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	1,031
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	1,046
L2003 East	7	Stage 5-6 Construction / Turnover	Sep-15	997
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	580
Questar Taps	6	Stage 5-6 Construction / Turnover	Sep-15	2,168
Quigley Station <sup>(12)</sup>	N/A	N/A	N/A	80
Riverside 2001	5	Stage 5-6 Construction / Turnover	Oct-15	360
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	2,145
404 Ventura	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,703
406 Ventura	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	921
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	146
Los Alamitos <sup>(12)</sup>	N/A	N/A	N/A	189
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	315
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	425
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	737
SL45-120 Section 2 <sup>(5)</sup>	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	73
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	281
L1017	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	65
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	56
L2000 Beaumont Riverside <sup>(11)</sup>				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	1,057
L2000 Beaumont 2016	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-

Valve Projects	Valves <sup>(1)</sup>	Oct-15 Project Lifecycle Stage <sup>(2)</sup>	(Est.)Reported in Oct-15	Total
L7000	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-17	138
Taft	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	167
Rainbow	12	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	439
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	702
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	5
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	337
L85 Templin Highway MP 137.99	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	61
Adelanto <sup>(13)</sup>	4	N/A	Jun-17	2
Apple Valley <sup>(13)</sup>	1	N/A	Mar-17	1
Burbank & Lindley	3	Stage 1 Project Initiation	Nov-16	2
Blythe COMMs <sup>(13)</sup>	0	N/A	May-17	1
Del Amo Station <sup>(13)</sup>	6	N/A	Sep-18	1
Del Amo / Wilmington	1	Stage 1 Project Initiation	Sep-16	4
Haskell Station FM <sup>(13)</sup>	1	N/A	Feb-18	1
L2002 <sup>(13)</sup>	0	N/A	Oct-16	1
L4000 Victorville <sup>(13)</sup>	13	N/A	Feb-17	2
L6916 <sup>(13)</sup>	6	N/A	Jun-17	2
Needles COMMs <sup>(13)</sup>	1	N/A	Feb-17	1
Pico <sup>(13)</sup>	8	N/A	Mar-18	1
Wilmington <sup>(13)</sup>	6	N/A	Nov-17	2
L4002 MP 72.70 <sup>(13)</sup>	1	N/A	Sep-18	0
Brea Hacienda Bundle <sup>(13)</sup>	10	N/A	May-17	-
L4002 MP 86.44-FM <sup>(13)</sup>	1	N/A	Jul-18	-
Yorba Station <sup>(13)</sup>	1	N/A	Jan-18	-
Lampson Check Valves <sup>(13)</sup>	1	N/A	Jan-18	2
L324 Bundle <sup>(13)</sup>	7	N/A	Mar-18	-
235-335 West Bundle <sup>(13)</sup>	7	N/A	Mar-18	27
Glendale Bundle <sup>(13)</sup>	10	N/A	Sep-16	-
Western/Del Rey Bundle <sup>(13)</sup>	9	N/A	May-18	-
L8109 Bundle <sup>(13)</sup>	6	N/A	Dec-16	-
Willow Station <sup>(13)</sup>	4	N/A	May-17	1
Victorville COMMs <sup>(13)</sup>	1	N/A	Dec-16	-
Ventura Station <sup>(13)</sup>	6	N/A	May-17	-
Chestnut & Grand <sup>(13)</sup>	4	N/A	Dec-17	-
L247 Goleta <sup>(13)</sup>	1	N/A	Dec-16	-
404-406 Ventura 2016 Bundle <sup>(13)</sup>	1	N/A	Jun-16	-
L225 Bundle	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
SB County Bundle	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	33
Spence Station <sup>(13)</sup>	4	N/A	Jun-17	-
<b>Total SoCalGas Valves</b>				<b>80,225</b>

Valve Projects	Valves <sup>(1)</sup>	Oct-15 Project Lifecycle Stage <sup>(2)</sup>	(Est.)Reported in Oct-15	Total
<b>Valves-SDG&amp;E</b>				<b>( in \$1,000)</b>
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	87
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	509
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	1,325
49-11	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	-
49-16 RCV (4th & Palm)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
49-16 RCV (La Mesa Gate)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-16	-
49-16 RCV (Mass&Main)	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	-
49-32-L RCV	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-16	3
<b>Total SDG&amp;E Valves</b>				<b>1,925</b>

<sup>(1)</sup> 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 and communications only projects.

<sup>(2)</sup> 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.

<sup>(3)</sup> 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.

<sup>(4)</sup> 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.

<sup>(5)</sup> Valve Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2"

<sup>(6)</sup> Valve 235-198.20 is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

<sup>(7)</sup> Valve Bundle "407 San Vicente" has been renamed to "407 Sullivan Canyon"

<sup>(8)</sup> Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00"

<sup>(9)</sup> Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36"

<sup>(10)</sup> Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005"

<sup>(11)</sup> Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".

<sup>(12)</sup> Valve Bundle is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.

<sup>(13)</sup> New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.