

August 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 August 2015.

II. Current Status

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

Pipelines:

1. No new construction activity for the month of August
2. 30 pipeline projects are in Construction (Stage 5)
3. 22 pipeline projects are in Start Up/Turnover (Stage 6)
4. 7 pipeline projects are in Close-Out (Stage 7)

Valves:

1. New construction activity began on 4 valve project
 - L2000 Beaumont 2015 (Beaumont, Moreno Valley, Riverside)
 - 3010 Bundle (San Diego, Encinitas, Carlsbad, Vista, Oceanside, Fallbrook)
 - 1600 Bundle (Escondido, San Diego)
 - 3600 Bundle (Santee, Chula Vista, San Diego, La Mesa)
2. 31 valve projects are in construction/turnover (Stages 5-6)
3. 4 valve project is in Close-Out (Stage 7)

III. Costs

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

IV. Attachments

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

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

V. **Notes**

- Appendix B: Line 1600 was renamed to Line 1600 South. Two accounts previously coded to Line 3602 were re-classified to Line 1600 South to reflect costs associated with that line.
- Appendix C: The incorrect Leak Survey charges (as described in the July 2015 report) have been corrected in SAP and reflect zero for the month of August 2015.

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

	PSEP Filing Priority	Total Miles as Filed	Aug-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Aug-15
Pipeline-SCG							
2000 ⁽³⁾	1	117.6 ⁽³⁾		30	1947	67%	
2000-A			7-Close-out				Jun-13
2000-Bridge			3-Project Definition				Aug-16
2000-West			5-Construction				Jul-14
2001 West ⁽⁴⁾	3	64.10		30	1950	50%	
2001 West - A			7-Close-out				Apr-14
2001 West - B			5-Construction				Aug-14
2000-C/2001W - C Desert Bundle ⁽³⁾⁽⁴⁾⁽¹⁰⁾							
2000-C			4-Detailed Design				May-16
2001 West - C			3-Project Definition				Jun-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 ⁽¹¹⁾	7	6.30	6-Start Up/Turnover	30	1951	36%	Mar-14
406	9	20.70	5-Construction	22	1951	60%	Aug-14
235 West	10	3.10	6-Start Up/Turnover	30	1957	49%	Jun-14
1013	11	3.50	6-Start Up/Turnover	30	1954	43%	Jul-14
1015	12	7.85	6-Start Up/Turnover	30	1954	43%	Aug-14
1004	13	19.70	5-Construction	16	1944	49%	May-15
404	14	37.80	5-Construction	18	1949	50%	Feb-15
44-137	15	1.00	5-Construction	20	1950	43%	Nov-14
2000-0.18-BO Crossover Piping ⁽⁵⁾			3-Project Definition				Aug-16
2000-0.18-BO	23	0.01		12.75	1952	41%	
2000-0.18-XO1	43	0.01		12.75	1952	41%	
2000-0.18-XO2	16	0.01		20	1961	55%	
1014	18	0.003	6-Start Up/Turnover	30	1959	48%	Oct-14
43-121 ⁽⁶⁾	22	4.41		26	1930	42%	
43-121 North			4-Detailed Design				Jan-16
43-121 South			5-Construction				Aug-14
33-120 ⁽⁶⁾	24	1.25		22	1940	44%	
33-120 Section 1			4-Detailed Design				Jan-16
33-120 Section 2			6-Start Up/Turnover				Jun-14
33-120 Section 3			3-Project Definition				Sep-16
45-120 ⁽⁶⁾	25	4.30		22	1930	26%	
45-120 Section 1 ⁽¹¹⁾			6-Start Up/Turnover				Mar-14
45-120 Section 2			5-Construction				Sep-14
32-21	26	10.23	5-Construction	20	1948	48%	May-15
41-6000-2 ⁽⁹⁾	27	39.95	4-Detailed Design	8.625	1948	26%	Oct-15
36-9-09 North ⁽⁶⁾	29	16.02		8.625	1932	46%	
Section 1			5-Construction				May-15
Section 2A			4-Detailed Design				May-16
Section 2B			6-Start Up/Turnover				Jun-14
Section 3			5-Construction				Dec-14
Section 4 ⁽¹¹⁾⁽¹²⁾			5-Construction				Sep-14
Section 5			4-Detailed Design				Sep-15
Section 6A			6-Start Up/Turnover				Mar-15
Section 6B			3-Project Definition				Aug-16
Section 7A			4-Detailed Design				Jul-16
Section 7B			5-Construction				May-15
1011	36	5.14	6-Start Up/Turnover	20	1955	34%	Jul-14
36-37	38	0.02	6-Start Up/Turnover	16	1970	26%	May-14
42-66-1&2 ⁽¹³⁾			7-Close-out				Oct-13
42-66-1	40	0.04		12.75	1947	34%	
42-66-2	41	0.03		12.75	1947	34%	
37-18	45	4.16	5-Construction	16	1945	38%	Oct-14
37-18-F	46	2.06	4-Detailed Design	16	1946	38%	Oct-15
37-18-K	12	2.85	2-Selection	20	1949	27%	Mar-16
30-18	47	2.58	5-Construction	16	1943	23%	Jul-14
44-654	50	0.01	6-Start Up/Turnover	6.625	1957	32%	Jun-14
31-09	52	12.81	5-Construction	24	1958	24%	Jul-15
37-07	53	2.68	5-Construction	16	1945	28%	Sep-14
33-121	59	0.16	2-Selection	26	1955	42%	Apr-16
41-6001-2	63	0.005	3-Project Definition	10.75	1967	44%	May-16
36-1032 ⁽¹¹⁾	64	1.54	6-Start Up/Turnover	8.625	1963	39%	May-14
36-1032 Section 4	N/A	N/A	3-Project Definition	8.625	1963	39%	Jul-16
41-30-A	80	0.26	7-Close-out	12.75	1940	37%	Jul-14
41-30	82	3.95	3-Project Definition	10.75	1953	31%	Oct-15
38-200	86	0.23	4-Detailed Design	12.75	1948	23%	Jan-16
45-120X01	87	0.01	7-Close-out	8.625	1930	26%	Sep-13

	PSEP Filing Priority	Total Miles as Filed	Aug-15 Project Lifecycle Stage ⁽¹⁾	Predominant Diameter	Predominant Vintage	Predominant %SMYS ⁽²⁾	Construction Start Date (Est.) Reported in Aug-15
Pipeline-SCG							
38-501 ⁽⁶⁾	89	1.98		12.75	1952	43%	
38-501 Section 1			5-Construction				Jun-15
38-501 Section 2			3-Project Definition				Jun-16
36-1002	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 ⁽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 ⁽¹¹⁾	124	12.08	6-Start Up/Turnover	10.75	1964	23%	Oct-14
36-9-21	126	5.06	3-Project Definition	10.75	1950	22%	Jun-16
44-720	132	1.17	5-Construction	8.625	1947	46%	Jun-15
41-201	138	0.01	3-Project Definition	4.5	1957	36%	Oct-15
41-116	142	0.006	3-Project Definition	4.5	1957	30%	Oct-15
41-116BP1	143	0.002	3-Project Definition	3.5	1957	34%	Oct-15
225	N/A	N/A	4-Detailed Design	34	1959	48%	Feb-16
235W Sawtooth Canyon	N/A	N/A	6-Start Up/Turnover	30	1957	69%	Oct-14
38-931	N/A	N/A	3-Project Definition	8.625	1942	31%	Oct-16
38-556	N/A	N/A	3-Project Definition	10.75	1954	27%	Apr-17
38-504	N/A	N/A	3-Project Definition	12.75	1952	34%	Feb-16
36-9-09 South	N/A	N/A	3-Project Definition	10.75	1951	33%	Oct-15
36-9-09-JJ	N/A	N/A	3-Project Definition	6.625	1920	24%	Dec-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%	Apr-16
Storage ⁽⁷⁾	-	2.83		various	various	various	
Playa Del Rey Phase 1&2			7-Close-out				Aug-13
Playa Del Rey Phase 5			6-Start Up/Turnover				Mar-15
Goleta ⁽¹¹⁾			2-Selection				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
49-28	1	4.89	5-Construction	16	1932		Sep-14
49-17	2	5.812		16	1948	43%	
49-17 East			5-Construction				Jun-15
49-17 West			5-Construction				Oct-14
49-25	4	2.278	5-Construction	16	1960	30%	Aug-14
49-32	5	0.06	6-Start Up/Turnover	16	1950	25%	Jun-14
49-16 ⁽⁶⁾	6	9.590		16	1955	29%	
49-16 Pipeline			5-Construction				Mar-15
49-16 4th & Palm			4-Detailed Design				Jul-16
49-16 Gate Station			4-Detailed Design				May-16
49-11	7	6.30	5-Construction	20	1969	31%	Jun-15
49-26	10	2.615	5-Construction	12	1958	24%	Oct-14
49-14	14	2.45	6-Start Up/Turnover	16	1959	30%	Sep-14
49-15	15	6.60	4-Detailed Design	10.75	1950	31%	Sep-15
49-22	16	4.04	6-Start Up/Turnover	10.75	1951	36%	Apr-14
49-13	18	3.46	5-Construction	10.75	1959	25%	Jul-15
49-32-L	N/A	0.115	4-Detailed Design	10.75	1965	25%	Oct-15

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

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

⁽³⁾ L-2000, because of its length, will be remediated in four phases. 2000-A, 2000-Bridge, 2000-C and 2000-West. 2000-C has been regrouped with 2001 West-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."

⁽⁴⁾ 2001-West will be remediated as three projects: 2001 West-A, 2001 West-B, and 2001 West-C. This pipeline has been broken up into sections to report schedule progress. Part of the project requires separate planning and execution due to either location, permitting or constructability. 2001 West-C has been regrouped with 2000-C and will be executed as one project under "2000-C/2001W-C Desert Bundle."

⁽⁵⁾ 2000-0.18-XO1, 2000-0.18-XO2, and 2000-0.18-BO have been combined and will be remediated as one project under "2000-0.18-BO Crossover Piping"

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

⁽⁷⁾ There are numerous storage fields, with too many lines to distinguish predominant pipe diameter, vintage, %SMYS and construction start dates for each Storage line. However Storage field project stage and construction start will only be reported.

⁽⁸⁾ 44-1008 has been renamed to project "44-1008 Section 2B"

⁽⁹⁾ Per PSEP's filing, the extension of existing L-6914 (6914 Ext) will allow for the abandonment of 41-6000-2. For the purpose of this appendix, both pipelines will be reported under 41-6000-2.

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

⁽¹¹⁾ Projects' Actualized Lifecycle stage and/or Construction Start Dates have been revised.

⁽¹²⁾ Projects "36-9-09 North Section 4A" and "36-9-09 North Section 4B" have been merged as one project "36-9-09 North Section 4"

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

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

Appendix B

SCG		(in \$1,000)
PSEP Pipeline Projects	August	Project-To-Date Total
Line 85	715	5,164
Line 103	-	7
Line 127	12	51
Line 128	-	1
Line 225	31	1,353
Line 1004	2,908	7,720
Line 1005	33	5,377
Line 1011	12	2,323
Line 1013	2	2,234
Line 1014	6	708
Line 1015	18	5,117
Line 2000-A	5	22,423
Line 2000-Bridge	-	380
Line 2000-C	475	3,645
Line 2000-D	25	74
Line 2000-West	441	22,797
Line 2000-0.18-B0	-	-
Line 2000-0.18-XO1	-	273
Line 2000-0.18-XO2	-	-
Line 2001 West-A	1	739
Line 2001 West-B	412	12,546
Line 2001 West-C	185	797
Line 2001 West-D	15	21
Line 2003	1,031	9,341
Line 235 West	206	3,683
Line 235 West Sawtooth Canyon	21	1,703
Line 306	1	1
Line 30-18	439	16,912
Line 31-09	228	1,291
Line 32-21	686	7,060

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

Appendix B

SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects	August	Project-To-Date Total	
Line 33-120 Section 1	83	1,747	
Line 33-120 Section 2	59	6,776	
Line 33-120 Section 3	41	663	
Line 33-121	15	949	
Line 35-20	-	10	
Line 35-20-N	-	187	
Line 36-9-09 JJ	36	138	
Line 36-9-09 North	4	81	
Line 36-9-09 North Section 1	131	10,323	
Line 36-9-09 North Section 2A	5	64	
Line 36-9-09 North Section 2B	-	2,574	
Line 36-9-09 North Section 3	965	13,005	
Line 36-9-09 North Section 4	470	6,601	
Line 36-9-09 North Section 5	377	1,594	
Line 36-9-09 North Section 6	138	3,218	
Line 36-9-09 North Section 7	2,759	9,068	
Line 36-9-09 South	47	165	
Line 36-1002	702	1,352	
Line 36-1032	206	9,347	
Line 36-9-21	24	539	
Line 36-37	26	1,026	
Line 37-07	237	22,275	
Line 37-18	397	26,760	
Line 37-18 F	82	1,807	
Line 37-18 K	(34)	101	
Line 38-101	6	40	
Line 38-143	7	41	
Line 38-200	128	2,116	
Line 38-278	6	32	
Line 38-501	1,614	3,341	

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

Appendix B

SCG (continued)		(in \$1,000)	
PSEP Pipeline Projects	August	Project-To-Date Total	
Line 38-504	(58)	463	
Line 38-512	2,244	16,451	
Line 38-539	(724)	11,860	
Line 38-556	-	-	
Line 38-931	855	1,096	
Line 38-960	4	54	
Line 38-980	26	48	
Line 38-981	8	31	
Line 38-1102	1	123	
Line 404	608	12,015	
Line 406	392	9,945	
Line 404/406 Somis Station	-	16	
Line 407	11	5,881	
Line 41-04ST1	-	-	
Line 41-17	-	28	
Line 41-17-F	-	-	
Line 41-116	-	2	
Line 41-116BP1	-	7	
Line 41-201	-	1	
Line 41-30	-	30	
Line 41-30-A	-	353	
Line 41-6000-2	349	10,301	
Line 41-6001-2	-	244	
Line 42-66-1	-	681	
Line 42-66-2	-	-	
Line 43-121	1,909	22,382	
Line 44-1008	59	1,648	
Line 44-137	1,361	15,762	
Line 44-687	37	2,507	
Line 44-719	-	1	

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

Appendix B

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects	August	Project-To-Date Total
Line 44-654	170	1,627
Line 44-720	2,558	5,935
Line 45-1001	6	34
Line 45-120 Section 1	35	5,654
Line 45-120 Section 2	1,731	26,597
Line 45-120X01	-	750
Line 4000	-	87
Valves	5,878	66,321
Storage Field- Playa Del Rey Phase	34	6,677
Storage Field- Goleta	18	57
Communications *	32	1,608
Construction *	(8)	4,968
Engineering *	2,057	10,626.76
Training *	(27)	2,187
Gas Control *	3	202
Environmental *	(150)	1,185
Supply Management *	212	6,152
Insurance *	-	-
General Administration *	(985)	7,526
Program Management Office *	990	9,133
Total SCG PSEP Pipeline Projects - Active And Not Yet Active Projects	36,074	528,940

*General Management and Administration (GMA) 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 GMA 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 August and project-to-date costs from May 2012 to August 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 August 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,951,430 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 August 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,547 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 August 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$96,177,059 which includes balancing account interest.
- (8) As of August 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$3,915,130 which includes balancing account interest.
- (9) As of August 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$8,410,851 which includes balancing account interest.
- (10) As of August 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,272,099 which includes balancing account interest.

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

Appendix B

SDGE		(in \$1,000)
PSEP Pipeline Projects	August	Project-To-Date Total
Line 1600 South	(123)	3
Line 3602	345	7,163
Line 49-11	704	3,861
Line 49-13	1,978	5,072
Line 49-14	8	3,788
Line 49-15	405	3,963
Line 49-16	426	6,531
Line 49-17 East	4,448	6,644
Line 49-17 West	174	16,168
Line 49-20	-	-
Line 49-22	139	3,551
Line 49-25	219	14,229
Line 49-26	115	6,898
Line 49-28	685	26,013
Line 49-32 (Replacement)	294	4,541
Valves	250	1,750
Communications *	10	127
Construction *	20	474
Engineering *	(91)	1,328
Training *	3	935
Gas Control *	2	25
Environmental *	(13)	36
Supply Management *	(31)	1,304
Insurance *	-	-
General Administration *	(38)	1,268
Program Management Office *	93	789
Total SDGE PSEP Pipeline Projects - Active And Not Yet Active Projects	10,022	116,464

*General Management and Administration (GMA) 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 GMA pools will be distributed to specific PSEP projects when work occurs on those specific projects.

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- (7) As of August 2015, the SCG balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$96,177,059 which includes balancing account interest.
- (8) As of August 2015, the SDGE balance in the Safety Enhancement Expense Balancing Account (SEEBA) reflects a balance of \$3,915,130 which includes balancing account interest.
- (9) As of August 2015, the SCG balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$8,410,851 which includes balancing account interest.
- (10) As of August 2015, the SDGE balance in the Safety Enhancement Capital Cost Balancing Account (SECCBA) reflects a balance of \$2,272,099 which includes balancing account interest.
- (11) Line 1600 was renamed to Line 1600 South. Two accounts previously coded to Line 3602 were re-classified to Line 1600 South to reflect costs associated with that line.

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

Appendix B

Projects Remediated or Removed

SCG	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	August	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	(12)	41
Line 38-508	-	-
Line 38-514	9	153
Line 38-516	-	-
Line 38-523	-	58
Line 38-528	-	22
Line 38-552	-	-
Line 38-959	-	-
Line 41-117	-	-
Line 41-181	1	27
Line 41-19	-	27
Line 41-25	-	1
Line 41-207BR1	-	76
Line 41-35-1-KST2	-	-
Line 41-80	-	41
Line 1003	-	-
Line 1003LT2	-	-
Line 1017BP1	-	-
Line 1017BP2	-	-
Line 1017BP3	-	-
Line 1017BR4	-	-
Line 1017BR5	-	-
Line 1017BR6	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	August	Project-To-Date Total
Line 1017BR7	-	-
Line 1018	-	-
Line 1020	-	85
Line 1024	-	2
Line 1025	-	-
Line 1171LT2	-	-
Line 1171LT1BP2	-	-
Line 1172 BP2ST1	-	-
Line 1172 BP2ST2	-	2
Line 1172 BP2ST3	-	-
Line 1172 BP2ST4	-	-
Line 1172 BP3	-	-
Line 1172 ID 2313	-	13
Line 169	-	-
Line 235 East	-	8
Line 247	-	18
Line 2001 East	-	92
Line 3000-261.73-BO	-	-
Line 3000-261.73-BR	-	-
Line 30-02	-	-
Line 30-02-U	-	-
Line 30-09-A	-	-
Line 30-6200	-	-
Line 30-32	-	(5)
Line 30-6209	-	-
Line 30-6292	-	-
Line 30-6543	-	-
Line 30-6799	-	-
Line 30-6799BR1	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)	(in \$1,000)	
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	August	Project-To-Date Total
Line 317	-	-
Line 32-90	-	-
Line 35-10	-	(2)
Line 35-20-A	-	17
Line 35-20-A1	-	-
Line 35-22	-	-
Line 35-39	-	-
Line 35-40	-	-
Line 35-6405	-	-
Line 35-6416	-	-
Line 35-6520	-	38
Line 36-1001	1	23
Line 36-1006	-	-
Line 36-6588	-	-
Line 36-7-04	-	-
Line 36-9-21BR1	-	-
Line 37-49	-	-
Line 37-6180	-	-
Line 38-351	-	-
Line 408XO1	-	-
Line 41-04-I	-	8
Line 41-05	-	4
Line 41-05-A	-	-
Line 41-101	-	-
Line 41-128	-	-
Line 41-141	-	-
Line 41-17-A2	-	4
Line 41-17-FST1	-	-
Line 41-198	-	-

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

Appendix B

Projects Remediated or Removed

SCG (continued)		(in \$1,000)
PSEP Pipeline Projects - Remediated or Removed Due to Successful Locating of Records	August	Project-To-Date Total
Line 41-199	-	-
Line 41-25-A	-	-
Line 41-55	-	-
Line 41-83	-	-
Line 41-84	-	-
Line 41-84-A	-	-
Line 41-90	-	-
Line 41-6045	-	48
Line 41-6501	-	34
Line 42-12	-	-
Line 42-46	-	-
Line 42-46-F	-	-
Line 42-57	-	-
Line 43-1106	-	-
Line 43-34	-	-
Line 45-163	-	2
Line 53	-	-
Line 6100	-	-
Line 765-8.24-BO	-	-
Line 765BR4	-	-
Line 775	-	-
Line 775BO1	-	-
Line 8107	-	-
Total SCG PSEP Pipeline Projects - Remediated Outside of PSEP or Removed Due to Successful Locating of Records	(0)	836

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

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	August	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾	-	684
Records Review	-	14,707
Pressure Protection Equipment	-	196
Other Remediation	-	447
Total SCG Records Review and Interim Safety Measure Costs	-	16,035

SDGE	(in \$1,000)	
	August	Project-To-Date Total
Leak Survey and Pipeline Patrol ⁽⁷⁾⁽⁸⁾	-	70
Records Review	-	1,098
Pressure Protection Equipment	-	3
Other Remediation	-	1
Total SDGE Records Review and Interim Safety Measure Costs	-	1,172

Overall Table Notes:

- (1) Costs reflect actuals for the month of August and project-to-date costs from May 2012 to August 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 August 2015, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$46,951,430 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 August 2015, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,547 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 August 2015				
Valve Projects	Aug-15 No. of Valves ⁽¹⁾	Aug-15 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.) Reported in Aug-15	Project-To-Date Total
Valves-SoCalGas				(in \$1,000)
Bain Street Station	2	Stage 5-6 Construction / Turnover	Dec-13	739
Chino Station	5	Stage 5-6 Construction / Turnover	Dec-13	893
Moreno Small	2	Stage 5-6 Construction / Turnover	Jan-14	606
Prado Station	5	Stage 5-6 Construction / Turnover	Jan-14	1,045
Haskell Station	2	Stage 5-6 Construction / Turnover	Jan-14	575
Moreno Large	1	Stage 5-6 Construction / Turnover	Jan-14	470
Whitewater Station	3	Stage 5-6 Construction / Turnover	Mar-14	665
Santa Fe Springs	3	Stage 5-6 Construction / Turnover	Mar-14	604
Arrow & Haven	1	Stage 5-6 Construction / Turnover	May-14	904
235 - 335 Palmdale	6	Stage 5-6 Construction / Turnover	Jun-14	6,222
Puente Station	2	Stage 7 Close-out / Reconciliation	Jan-14	13
Brea Station-1013	1	Stage 5-6 Construction / Turnover	Oct-14	173
Newhall Station	7	Stage 5-6 Construction / Turnover	Jan-15	5,548
407 Sullivan Canyon ⁽⁹⁾	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	952
Victoria Station	4	Stage 5-6 Construction / Turnover	Dec-14	1,278
Alhambra Station	3	Stage 5-6 Construction / Turnover	Apr-15	2,523
Pixley Station	3	Stage 5-6 Construction / Turnover	Nov-14	1,298
2001W Seg 10-11	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement ⁽⁴⁾	Jun-16	425
SGV	5	Stage 5-6 Construction / Turnover	Feb-15	4,370
Lampson	4	Stage 5-6 Construction / Turnover	Apr-15	4,152
Blythe ⁽⁵⁾				
Blythe (Cactus City) ⁽¹⁴⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	968
Blythe Station 2	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	276
Banning Airport	2	Stage 5-6 Construction / Turnover	Apr-15	1,266
Orange	3	Stage 5-6 Construction / Turnover	Apr-15	2,886
Palowalla	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-16	2,426
L 1020	1	Stage 5-6 Construction / Turnover	Mar-15	540
New Desert	7	Stage 5-6 Construction / Turnover	Oct-14	4,098
El Segundo	6	Stage 5-6 Construction / Turnover	Apr-15	3,604
404-406 Valley ⁽³⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	1,149
Indio ⁽⁶⁾				
Indio 2014	4	Stage 5-6 Construction / Turnover	May-15	1,996
Indio 2016	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	271
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	46
Santa Barbara - 1005 ⁽¹²⁾	1	Stage 5-6 Construction / Turnover	Mar-15	271
L4000 MP 45.36 ⁽¹¹⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-18	93
L4000 MP 53.00 ⁽¹⁰⁾	1	Stage 5-6 Construction / Turnover	May-15	863
L4000 MP 69.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	436
L4000 MP 80.08 MLV	1	Stage 5-6 Construction / Turnover	May-15	640
L4002 MP 67.00 MLV	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	443
L1014 Brea	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	691
L1014 Olympic	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-15	644
L2003 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	723
Banning 2001	6	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	517
Questar Taps	9	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	597
Quigley Station ⁽¹⁵⁾	N/A	N/A	N/A	80
Riverside 2001	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-15	289
Aviation	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,385
404 Ventura	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	1,424
406 Ventura	5	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-16	769
Honor Ranch - L225	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-17	121
Los Alamitos	N/A	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-15	147
Haynes Station	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	240
Fontana MLVs 4000-4002	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Feb-16	283
Fontana Bundle - L4002	1	Stage 5-6 Construction / Turnover	Jul-15	442

PSEP - SCG / SDG&E				
Appendix D - Active Valve Projects List as of August 2015				
Valve Projects	Aug-15 No. of Valves ⁽¹⁾	Aug-15 Project Lifecycle Stage ⁽²⁾	Construction Start Date (Est.)Reported in Aug-15	Project-To-Date Total
Valves-SoCalGas				(in \$1,000)
SL45-120 Section 2 ⁽⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	59
235-335 East	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	204
L1017 ⁽¹⁴⁾	3	Stage 1 Project Initiation	Apr-17	31
L1018	10	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jun-17	27
L2000 Beaumont Riverside ⁽¹³⁾				
L2000 Beaumont 2015	4	Stage 5-6 Construction / Turnover	Aug-15	470
L2000 Beaumont 2016	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-16	-
L7000	12	Stage 1 Project Initiation	May-17	115
Taft	8	Stage 1 Project Initiation	Jan-17	136
Rainbow	14	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	286
L2003 West	8	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-15	583
Cabazon	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-18	5
Banning 5000	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-16	252
L85 Templin Highway MP 137.99	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-18	15
43-121	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-16	49
Adelanto	4	N/A	Jun-17	1
Apple Valley	1	N/A	Mar-17	-
Burbank & Lindley	4	Stage 1 Project Initiation	Mar-17	-
Blythe COMMS	0	N/A	Mar-17	1
Del Amo Station	6	N/A	Sep-18	1
Del Amo / Wilmington	3	Stage 1 Project Initiation	Sep-16	3
Haskell Station FM	1	N/A	Feb-18	-
L2002	0	N/A	Oct-16	-
L4000 Victorville	13	N/A	Feb-17	1
L6916	6	N/A	Jun-17	1
Needles COMMS	1	N/A	Feb-17	1
Pico	8	N/A	Mar-18	1
Wilmington	6	N/A	Nov-17	1
Total SoCalGas Valves				66,321

Valve Projects	Valves ⁽¹⁾	Aug-15 Project Lifecycle Stage ⁽²⁾	(Est.)Reported in Aug-15	Total
Valves-SDG&E				(in \$1,000)
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	82
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	464
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	1,204
Total SDG&E Valves				1,750

⁽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 and communications only 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 descope 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"

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

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

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