

Rainbow Bundle ⁽¹⁷⁾					
Rainbow ⁽¹⁷⁾	10	Stage 5-6 Construction / Turnover	May-16	173	3,769
Rainbow 2017 ⁽¹⁷⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Apr-17	19	22
L2003 West	6	Stage 5-6 Construction / Turnover	Oct-15	182	2,882
Cabazon-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-18	-	9
Banning 5000	2	Stage 5-6 Construction / Turnover	Oct-15	406	2,068
L85 Templin Highway MP 137.99-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-18	-	84
43-121-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-17	31	288
Adelanto-P1B ^{(12),(13)}	4	N/A	Sep-17	-	4
Apple Valley-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-17	12	172
Burbank & Lindley-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-19	1	27
Blythe COMMs-P1B ⁽¹²⁾	0	Stage 1 Project Initiation	Jun-18	-	3
Del Amo Station-P1B ^{(12),(13)}	6	N/A	Sep-18	2	7
Del Amo / Wilmington-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-18	7	164
Haskell Station FM-P1B ^{(12),(13)}	1	N/A	Feb-18	-	5
L2002-P1B ⁽¹²⁾	0	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Dec-16	-	5
L4000 Victorville-P1B ⁽¹²⁾	13	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	2	6
L6916-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Nov-16	133	265
Needles COMMs-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jul-17	-	3
Pico-P1B ^{(12),(13)}	8	N/A	May-18	-	87
Wilmington-P1B ^{(12),(13)}	5	N/A	Dec-18	1	216
L4002 MP 72.70-P1B ^{(12),(13)}	1	N/A	Sep-19	-	4
Brea Hacienda Bundle-P1B ⁽¹²⁾	10	Stage 1 Project Initiation	Oct-18	7	14
L4002 MP 86.44-FM-P1B ^{(12),(13)}	1	N/A	Jul-18	2	14
Yorba Station-P1B ^{(12),(13)}	1	N/A	Jan-19	1	2
Lampson Check Valves-P1B ⁽¹³⁾	1	Stage 1 Project Initiation	Aug-18	(4)	3
L324 Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	1	5
235-335 West Bundle-P1B ⁽¹³⁾	7	N/A	Mar-19	-	22
Glendale Bundle-P1B ⁽¹³⁾	10	N/A	Dec-18	2	6
Western/Del Rey Bundle-P1B ⁽¹³⁾	9	N/A	May-19	-	7
L8109 Bundle-P1B ⁽¹³⁾	6	N/A	May-19	-	3
Sepulveda Station-P1B ⁽¹⁵⁾	2	Stage 5-6 Construction / Turnover	Sep-16	61	263
Victorville COMMs-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Oct-17	(13)	118
Ventura Station Bundle-P1B ^{(12),(13),(16)}	6	N/A	Jun-17	-	3
Chestnut & Grand-P1B ⁽¹³⁾	4	N/A	Mar-18	-	5
L247 Goleta-P1B ⁽¹²⁾	1	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	-	14
404-406 Ventura 2016 Bundle	3	Stage 5-6 Construction / Turnover	Oct-16	(11)	269
L225 Bundle-P1B ⁽¹²⁾	5	Stage 5-6 Construction / Turnover	Aug-16	-	-
SB County Bundle-P1B ⁽¹²⁾	3	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	May-17	97	439
Spence Station-P1B ⁽¹²⁾	4	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Sep-17	2	16
Carpenteria Bundle-P1B ^{(12),(16)}	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Aug-18	1	28
Santa Barbara Bundle-P1B ⁽¹²⁾	2	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	5	28
Goleta Bundle-P1B ⁽¹²⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Jan-19	1	65
L115 Bundle-P1B ⁽¹³⁾	12	N/A	Mar-18	1	1
Total SoCalGas Valves ⁽¹⁹⁾				4,019	144,369

Valve Projects	Oct-16 No. of Valves ⁽¹⁾	October-16 Project Lifecycle Stage ⁽²⁾	Date (Est.) Reported in October-16	October-16 Actuals (in \$,000)	Total (in \$,000)
Valves-SDG&E					
3010 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	-	126
1600 Bundle	0	Stage 5-6 Construction / Turnover	Dec-14	-	232
3600 Bundle	12	Stage 5-6 Construction / Turnover	Mar-15	8	3,887
49-11	1	Stage 5-6 Construction / Turnover	Sep-16	(47)	406
49-15 Transmission	2	Stage 5-6 Construction / Turnover	Nov-15	-	-
49-16 RCV ⁽¹⁴⁾	7	Stage 2-4 Engineering & Planning / Contract Bidding & Procurement	Mar-17		
49-16 RCV (4th & Palm)				1	10
49-16 RCV (La Mesa Gate)				-	12
49-16 RCV (Mass&Main)				2	151
49-32-L RCV	1	Stage 5-6 Construction / Turnover	Aug-16	14	513
49-28	1	Stage 5-6 Construction / Turnover	Oct-16	20	45
3011 and 2010	2	Stage 5-6 Construction / Turnover	Oct-16	3	9
Total SDG&E Valves				1	5,391

- (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) 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.
- (4) 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.
- (5) Valve Bundle "33-120 Fault Isolation" has been renamed to "SL45-120 Section 2".
- (6) Valve Project is in the process of being descoped from PSEP. Final costs are being adjusted accordingly.
- (7) Valve Bundle "407 San Vicente" has been renamed to "407 Sullivan Canyon".
- (8) Valve "4000 MP 57.00" has been renamed to "L4000 MP 53.00".
- (9) Valve "4000 MP 41.72" has been renamed to "L4000 MP 45.36".
- (10) Valve "1005-18.04-0" has been renamed to "Santa Barbara Bundle - 1005".
- (11) Valve Bundle "L2000 Beaumont Riverside" has been regrouped into two projects: "L2000 Beaumont Riverside 2015" and "L2000 Beaumont Riverside 2016".
- (12) Projects have been moved to Phase 1B and have been renamed to include "P1B".
- (13) New valve bundle is currently being initiated, with information about project scope, stage, and/or construction start date available at a later time.
- (14) Valve Bundles "49-16 RCV (4th & Palm)", "49-16 RCV (La Mesa Gate)", and "49-16 RCV (Mass&Main)" have been regrouped as one valve bundle "49-16 RCV".
- (15) Valve bundle "Willow Station" has been renamed to "Sepulveda Station" bundle.
- (16) Valve bundle "Carpenteria Bundle-P1B" has been renamed to "Carpenteria Bundle-P1B" bundle. Valve bundle "Ventura Bundle-P1B" has been renamed "Ventura Station Bundle-P1B".
- (17) Valve Project "Rainbow" has been split to "Rainbow Bundle" & "Rainbow Bundle 2017". "Rainbow Bundle" and "Rainbow Bundle 2017" now have separate scope, cost and schedule for each of these projects.
- (18) The number of valves has changed due to change in project requirements.
- (19) Minor variances in Total balance of SoCalGas Valves from Appendix A and B are due to rounding.

SoCalGas and SDGE PSEP Project Status Report to the Commission for October 2016

Appendix C - Records Review and Interim Safety Measure Costs

SCG	(in \$1,000)	
	-	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	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)	
	-	Project-To-Date Total
Leak Survey and Pipeline Patrol	-	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:

(A) Costs reflect actuals for the month of October and project-to-date costs from May 2012 to October 2016.

(B) Project costs do not reflect year to date actuals. There is some lag time in getting costs posted.

(C) Costs are in nominal direct dollars.

(D) Costs recovery will include indirects and applicable loaders.

(E) As of October 2016, the SCG balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$45,228,249 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), and reflects approximately \$1.3 million of amortization revenues to-date (\$0.6 million monthly).

(F) As of October 2016, the SDGE balance in the Pipeline Safety and Reliability Memorandum Account reflects a balance of \$83,932 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).