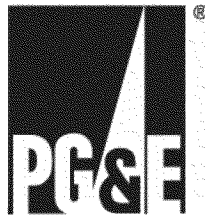

**PACIFIC GAS AND ELECTRIC COMPANY
GAS DISTRIBUTION PIPELINE SAFETY REPORT**

NO. 2011-02

**REPORTING PERIOD
JULY 1 – DECEMBER 31, 2011**

IN COMPLIANCE WITH CPUC DECISION 11-05-018

SUBMITTED MARCH 30, 2012



PACIFIC GAS AND ELECTRIC COMPANY
 GAS DISTRIBUTION PIPELINE SAFETY REPORT
 NO. 2011-02
 JULY 1 – DECEMBER 31, 2011
 IN COMPLIANCE WITH CPUC DECISION 11-05-018

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PACIFIC GAS AND ELECTRIC COMPANY
GAS DISTRIBUTION PIPELINE SAFETY REPORT
NO. 2011-02
JULY 1 – DECEMBER 31, 2011
IN COMPLIANCE WITH CPUC DECISION 11-05-018

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**PACIFIC GAS AND ELECTRIC COMPANY
GAS DISTRIBUTION PIPELINE SAFETY REPORT
NO. 2011-02
JULY 1 – DECEMBER 31, 2011
IN COMPLIANCE WITH CPUC DECISION 11-05-018**

Introduction and Background

PG&E submits this second semi-annual gas distribution pipeline safety report in compliance with California Public Utilities Commission (CPUC or Commission) Decision 11-05-018 concerning Pacific Gas and Electric Company's (PG&E or the Company) 2011 General Rate Case (GRC). Ordering Paragraph (OP) 44 of that decision requires that:

Pacific Gas and Electric Company shall submit gas distribution pipeline safety reports to the Directors of the Commission's Consumer Protection and Safety Division and Energy Division. The requirements of the reports are detailed in Attachment 5 to this decision.

Attachment 5, page 1, of Decision 11-05-018 further specifies:

Reports shall cover activity over the first six months of the calendar year and the second six months of the calendar year and continue until further notice of the Commission. Reports shall be submitted no later than three months after the end of each six-month period.

This second semi-annual report covers gas distribution pipeline safety information for July 1 through December 31, 2011. This report also covers annual information for 2011. In a separate report submitted on March 1, 2012, in compliance with Decision 11-04-031, which concerned PG&E's Gas Transmission and Storage Services application, the Company reported on related gas transmission pipeline and storage safety information.

This report is organized consistent with the issues set forth in Attachment 5 to Decision 11-05-018:

- Decision-Making Process (Item 1);
- Budgeting, Spending and Project Reprioritization (Items 2-12); and
- Project Descriptions and Status (Items 13-17).

This report includes distribution-level Major Work Categories (MWC) that relate to gas distribution safety, integrity and reliability. Other MWCs, such as New Business

and Work Requested by Others, are not included in this report, but are addressed in the budget report being filed concurrently in compliance with OP 42 of Decision 11-05-018.

Summary

In 2011 PG&E budgeted more overall for gas distribution safety, integrity and reliability than the Settlement Agreement¹ allocations for both capital and expense programs. Additionally, PG&E's actual 2011 expenditures were greater than budgeted for both capital and expense. For capital, PG&E spent \$218.7 million² which is \$61.2 million more than provided for in the Settlement Agreement and \$27.6 million more than originally budgeted. For Operations and Maintenance (O&M or expense) activities, PG&E spent \$149.6 million which is \$11.6 million more than provided for in the Settlement Agreement and \$9.4 million more than originally budgeted. Although PG&E spent more than the amount allocated in the Settlement Agreement on gas distribution safety, reliability and integrity, the Company spent less on some gas distribution programs to fund higher priority gas distribution work.

In total for 2011, PG&E completed nearly 5 million inspections through O&M activities, which is 6 percent above the planned work units. These activities include 3.4 million inspections for atmospheric corrosion on exposed facilities, 819,000 services surveyed for leaks, 567,000 locate and mark tags completed, and 11,300³ service leaks repaired. PG&E has also completed 97 capital projects in 2011 (out of 205 projects described in this report), including the replacement of approximately 33 miles of main and the replacement of 8,720 services.

There were no 2011 planned projects rescheduled to 2012 for the sole reason of proceeding with newly identified projects. Some 2011 project funding was reallocated to 2012 as a result of third-party delays, scheduling conflicts, or permit issues.

Note that accounting adjustments made after submission of PG&E's first Gas Distribution Pipeline Safety Report (Gas Distribution Pipeline Safety Report No. 2011-01), submitted September 30, 2011, for the January 1 to June 30, 2011 period

¹ References throughout this report to the Settlement Agreement refer to the multi-party settlement of Phase 1 of PG&E's 2011 GRC, adopted in Decision 11-05-018.

² The capital expenditures include increased spending as a result of the Tax Relief, Unemployment Insurance Reauthorization, and Job Creation Act of 2010, which includes provisions on bonus depreciation.

³ PG&E uses a broader definition of leak repairs than Pipeline and Hazardous Materials Safety Administration (PHMSA), thus the number of leak repairs reported here is higher than the number PG&E reported to PHMSA in its annual gas distribution system report (Form F 7100.1-1) filed on March 15, 2012.

are reflected in year-end actuals. The adjustments are relatively small, approximately 1.4 and 3.5 percent for expense and capital, respectively. As a result, if actuals reported for January 1 through June 30 in Gas Distribution Pipeline Safety Report No. 2011-01 are added to actuals for July 1 through December 31, they will not exactly equal the year-end actuals.

Similarly, there is a lag in reporting units of work completed that results in minor differences between units reported in Gas Distribution Pipeline Safety Report No. 2011-01 and year-end actuals for 2011.

Applicability of Reporting Requirements

As explained in Gas Distribution Pipeline Safety Report No. 2011-01 and in our March 14, 2011 comments on the Proposed Decision and Alternate Proposed Decision leading up to Decision 11-05-018,⁴ certain requirements identified for inclusion in this report are not applicable to distribution-level gas operations. Where no analogous information is available, PG&E has so indicated in this report. In other instances, PG&E has provided analogous information in order to meet the Commission's intent. With respect to PG&E's Distribution Integrity Management Program (DIMP) risk ranking described in Gas Distribution Pipeline Safety Report No. 2011-01, the results will be provided to the CPUC as part of the DIMP Audit scheduled for December 2012. Similarly, the reporting on capital projects in this report follows the description set forth in Gas Distribution Safety Report No. 2011-01.

⁴ March 14, 2011 Opening Comments of Pacific Gas and Electric Company on the Proposed Decision of ALJ Fukutome and the Alternate Proposed Decision of Commissioner Peevey (Not Including Non-Tariffed Products and Services Issue).

Decision-Making Process

1. Distribution Planning

Request

A thorough description and explanation of the strategic planning and decision-making approach used to determine and rank which capital projects, O&M activities, and inspections are undertaken for gas distribution pipeline, safety, integrity and reliability are to be undertaken.

Response

PG&E established plans and budgets for 2011 gas distribution capital and expense expenditures as part of the Company-wide operating plan development process. The decision-making process was described in Gas Distribution Pipeline Safety Report No. 2011-01, and there has been no change in PG&E's process since that report.

PG&E notes that throughout the year, Gas Operations (along with the other operating departments) occasionally adjusts the work plan. In 2011, the original work plan forecast was updated twice, Cycle 1 in May and Cycle 2 in September. As such, during the July 1 to December 31, 2011 reporting period, the detailed gas distribution budget and work plan were adjusted to address changes in work scope, adjustments in work execution plans, or operational and other emergent issues. This re-planning effort (referred to as Cycle 2 Budget planning) occurred in September 2011 and included minor changes to improve the work plan accuracy by month at the detail level. For gas distribution in 2011, PG&E spent more than the budget in both capital and expense due to accelerated work originally contemplated in future years. Emergent work is evaluated using the same prioritization framework (Mandatory, Priority 1, 2 and 3) as is used for budgeting and is scheduled accordingly.

Budgeting, Spending and Project Reprioritization

2. Settlement Agreement Allocations

Request

Amount of funds allocated in the Settlement Agreement to each MWC related to gas distribution pipeline safety, integrity and reliability for capital expenditures and for O&M expenses. To the extent they are specified in the Settlement Agreement, amounts of funds expected to be incurred for each capital project used as the basis for the settled capital expenditures. If capital projects are not specified in the Settlement Agreement, show the capital projects proposed by PG&E in its Application 09-12-020.

Response

Tables 2-1 and 2-2, which were previously provided in Gas Distribution Pipeline Safety Report No. 2011-01 are set forth below.

TABLE 2-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF 2011 O&M ALLOCATIONS
FOR GAS DISTRIBUTION PIPELINE SAFETY, INTEGRITY AND RELIABILITY
BASED ON THE GRC SETTLEMENT AGREEMENT (D.11-05-018, APPENDIX A, PAGE 1-A3)
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Settlement Agreement Allocation
DE	Leak Survey	\$ 15,482
DF	Locate and Mark	\$ 29,902
DG	Cathodic Protection	\$ 10,757
EX	Meter Protection	\$ 1,200
FG	Operate Gas Distribution System	\$ 3,945
FH	Gas Distribution Preventative Maintenance	\$ 16,924
FI	Gas Distribution Corrective Maintenance	\$ 35,656
GF	Operations Distribution – Gas Mapping	\$ 1,600
GG	Gas Engineering	\$ 3,060
JS	Distribution Integrity Management Program	\$ 19,500
Total		\$ 138,026

TABLE 2-2
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF CAPITAL ALLOCATIONS
FOR GAS DISTRIBUTION PIPELINE SAFETY, INTEGRITY AND RELIABILITY
BASED ON THE GRC SETTLEMENT AGREEMENT
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Settlement Agreement Allocation
14	Gas Pipeline Replacement Program	\$ 123,266
27	Gas Meter Protection - Capital	\$ 593
47	Gas Distribution New Capacity	\$ 12,760
50	Gas Distribution Reliability	\$ 20,660
52	Gas Distribution Emergency Response	\$ 264
Total		\$ 157,543

3. Budget by Major Work Category

Request

Amount budgeted for each MWC at the beginning of each calendar year.

Response

Tables 3-1 and 3-2, which were previously provided in Gas Distribution Pipeline Safety Report No. 2011-01, are set forth below.

**TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF BUDGETED O&M EXPENSE BY MWC
(IN THOUSANDS OF 2011 DOLLARS)**

<u>MWC</u>	<u>MWC Description</u>	<u>2011 Total</u>
DE	G Dist Leak Survey	\$ 18,609
DF	G&E T&D Locate & Mark	\$ 26,978
DG	G Dist Cathodic Protection	\$ 8,748
EX	G Dist Meter Protection	\$ 199
FG	G Dist Operate System	\$ 3,038
FH	G Dist Preventive Maint	\$ 19,173
FI	G Dist Corrective Maint	\$ 39,550
GF	G Dist Mapping	\$ 934
GG	G Dist Planning & Ops Engineer	\$ 3,070
JS	G Dist Integrity Management	\$ 19,500
KF	GT&D Impl Regulatory Change	\$ 367
Gas Distribution Expense		\$ 140,166

**TABLE 3-2
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF BUDGETED CAPITAL BY MWC
(IN THOUSANDS OF 2011 DOLLARS)**

<u>MWC</u>	<u>MWC Description</u>	<u>2011 Total</u>
14	G Dist Pipeline Repl Program	\$ 123,707
27	Gas Meter Protection-Capital	\$ 332
47	G Dist Capacity	\$ 12,000
50	G Dist Reliability General	\$ 39,390
52	G Dist Leak Repl/Emergency	\$ 702
2J	GT&D Impl Regulatory Change	\$ 0
2K	G Dist Repl/Convert Cust HPR	\$ 15,000
Gas Distribution Capital		\$ 191,131

4. Capital Spending by Major Work Category

Request

Amount spent during the reporting period, year-to-date (YTD), and annual totals by MWC and for each capital project within each MWC.

Response

Table 4-1 provides a summary, by capital MWC, of the spending on gas distribution pipeline safety, reliability and integrity for the period July 1 through December 31, 2011, and for the full year 2011.

TABLE 4-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF CAPITAL SPENDING BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Actuals 7/1 - 12/31	2011 Total
14	G Dist Pipeline Repl Program	\$ 66,037	\$ 126,999
27	Gas Meter Protection-Capital	\$ 9	\$ 9
47	G Dist Capacity	\$ 7,568	\$ 12,521
50	G Dist Reliability General	\$ 30,728	\$ 58,543
52	G Dist Leak Repl/Emergency	\$ 139	\$ 505
2J	GT&D Impl Regulatory Change	\$ 434	\$ 500
2K	G Dist Repl/Convert Cust HPR	\$ 18,881	\$ 19,631
Gas Distribution	Capital	\$ 123,796	\$ 218,708

Table 4-2 provides additional project-by-project spending detail. The column titled "Project No." corresponds to the type of work by division. Within each "Project No." are many orders for specific projects. Orders for these specific projects that meet the criteria for this report are noted with an eight digit number and an order description. Orders noted as "OTHER" reflect a grouping of smaller projects that are forecasted to be less than \$250,000. This level of detail shows all projects or grouping of projects within each MWC.

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011Total	Order Cost Since Inception
1	14		MWC 14 TOTAL	Total	MWC 14 TOTAL	\$ 66,037	\$ 126,999	
2	14	5507666 Total	EconStim SA CopperSrv Repl	Total		\$ 6,572	\$ 6,573	\$ 6,573
3	14	5510177	EconStim PipelineReplacementSanJose	30801106	GCOTTL&CAMINOPBLOGPRP,SJ	\$ 774	\$ 780	\$ 780
4	14	5510177Total	EconStim PipelineReplacementSanJose	Total		\$ 774	\$ 780	\$ 780
5	14	5510178	EconStim PipelineReplacementSanFranc	30822273	EGGPRPCROWNTERRACESANFRANCISCO	\$ 251	\$ 251	\$ 251
6	14	5510178	EconStim PipelineReplacementSanFranc	30822277	GPRPCORBETTISANFRANCISCO	\$ 1,187	\$ 1,187	\$ 1,187
7	14	5510178	EconStim PipelineReplacementSanFranc	30822328	OCIEGGRPHOLLYPARK2	\$ 1,450	\$ 1,450	\$ 1,450
8	14	5510178	EconStim PipelineReplacementSanFranc	30833652	GPRP-SPOTMAIN-BEALEST_SF	\$ 1,467	\$ 1,470	\$ 1,470
9	14	5510178Total	EconStim PipelineReplacementSanFranc	Total		\$ 4,355	\$ 4,359	\$ 4,359
10	14	5510179Total	EconStim PN CopperInaccessiblfees	Total		\$ 124	\$ 157	\$ 157
11	14	5510180Total	EconStim SJ CopperInaccessiblfees	Total		\$ 266	\$ 266	\$ 266
12	14	5510539Total	EconStim EB CopperSrv Repl	Total		\$ 2,164	\$ 2,252	\$ 2,252
13	14	5510540Total	EconStim SJ CopperSrv Repl	Total		\$ 3	\$ 3	\$ 3
14	14	5500108Total	PipelineReplacement	Total		\$ 16	\$ 27	\$ 483
15	14	5500725	Pipeline Replacement-EastBay	30616134	OC1GBERKELEGPRP-PH1-ASHBYUPRATE	\$ -2	\$ 166	\$ 1,703
16	14	5500725	Pipeline Replacement-EastBay	30810294	BERKELEEGPRP-PHASE2-PRINCE/TELEG	\$ 1,133	\$ 2,167	\$ 2,195
17	14	5500725	Pipeline Replacement-EastBay	30814275	OC1R2LGPWINDSORALAMEDAGPRP	\$ 926	\$ 959	\$ 959
18	14	5500725	Pipeline Replacement-EastBay		OTHER	\$ 7	\$ 3	\$ 1,374
19	14	5500725Total	PipelineReplacement-EastBay	Total		\$ 2,063	\$ 3,289	\$ 6,233
20	14	5500726	Pipeline Replacement-Fresno	30750011	OC2WESTFRESNOGPRP2010	\$ 0	\$ 161	\$ 2,228
21	14	5500726	Pipeline Replacement-Fresno	30807391	HUNTINGTON&5TH2011GPRPFRESNO	\$ 334	\$ 1,305	\$ 1,318
22	14	5500726	Pipeline Replacement-Fresno	30807430	HUNTINGTON&8THGPRP2011FRESNO	\$ 1,167	\$ 1,435	\$ 1,435
23	14	5500726	Pipeline Replacement-Fresno	30808712	HUNTINGTON&TULARE2011GPRPFRESNO	\$ 1,086	\$ 1,116	\$ 1,116
24	14	5500726	Pipeline Replacement-Fresno		OTHER	\$ -9	\$ -8	\$ 12
25	14	5500726Total	PipelineReplacement-Fresno	Total		\$ 2,572	\$ 4,011	\$ 6,109
26	14	5500910	Pipeline Replacement-North Bay	30737244	OC4GPRPSANTAMARGARITASANRAFAEL	\$ -3	\$ 34	\$ 388
27	14	5500910	Pipeline Replacement-North Bay	30835386	R4GPRPRICLN&EASTWARDLARKSPUR	\$ 6	\$ 14	\$ 14
28	14	5500910	Pipeline Replacement-North Bay	30835391	R7GPRPRUTHERFOR&VESANANSELMO	\$ 6	\$ 11	\$ 11
29	14	5500910	Pipeline Replacement-North Bay	30835514	GPRPMIRABEL&RAINBOWMILLVALLEY	\$ 8	\$ 16	\$ 16
30	14	5500910	Pipeline Replacement-North Bay	30835701	OC4GPRPGROVHILLAVE,SANANSELMO	\$ 613	\$ 625	\$ 625
31	14	5500910	Pipeline Replacement-North Bay	30843241	GPRPKINGAVE,NAPA	\$ 377	\$ 382	\$ 382
32	14	5500910	Pipeline Replacement-North Bay		OTHER	\$ -5	\$ 3	\$ 95
33	14	5500910Total	PipelineReplacement-NorthBay	Total		\$ 1,002	\$ 1,085	\$ 2,402
34	14	5500912	Pipeline Replacement-SO	30737291	OC4GPRPISTREETPetaluma	\$ 0	\$ 85	\$ 1,073
35	14	5500912	Pipeline Replacement-SO	30826696	OC4GDGPRPWESTANDVARIOUS,Petaluma	\$ 394	\$ 408	\$ 408
36	14	5500912	Pipeline Replacement-SO	30835636	OC4GDGPRPFRSTWESTSONOMA	\$ 14	\$ 384	\$ 384
37	14	5500912	Pipeline Replacement-SO		OTHER	\$ 2	\$ 10	\$ 14
38	14	5500912Total	PipelineReplacement-SO	Total		\$ 410	\$ 886	\$ 1,878
39	14	5500914	Pipeline Replacement-North Valley	30795703	OC4REDBLUFFGPRPCEDAR&JACKSON	\$ 564	\$ 566	\$ 566
40	14	5500914	Pipeline Replacement-North Valley		OTHER	\$ 67	\$ 67	\$ 184
41	14	5500914Total	PipelineReplacement-NorthValley	Total		\$ 631	\$ 632	\$ 750
42	14	5500917	Pipeline Replacement-Peninsula	30736194	OC1GPRPREDWOODCITY	\$ -35	\$ 160	\$ 1,440
43	14	5500917	Pipeline Replacement-Peninsula	30796765	OC1HOOVERPRP(2011CRITICALPROJECT)	\$ 575	\$ 692	\$ 693
44	14	5500917	Pipeline Replacement-Peninsula	30812536	OC1REDWOODCITYGPRP2(2011CRITICAL)	\$ 1,233	\$ 1,246	\$ 1,246
45	14	5500917	Pipeline Replacement-Peninsula		OTHER	\$ 20	\$ 36	\$ 715
46	14	5500917Total	PipelineReplacement-Peninsula	Total		\$ 1,793	\$ 2,134	\$ 4,094
47	14	5500919	Pipeline Replacement-Sacramento	30616128	OC4GPRPDOBBINS@KENDALVACAVILLE	\$ -3	\$ 24	\$ 489
48	14	5500919	Pipeline Replacement-Sacramento	30616130	OC4GPRPELIZABETH@MASONVACAVILLE	\$ 0	\$ 63	\$ 718
49	14	5500919	Pipeline Replacement-Sacramento	30805685	GPRP-32NDST,@12THTO14THAVE,	\$ 252	\$ 262	\$ 263
50	14	5500919	Pipeline Replacement-Sacramento	30806906	GPRP-19TH&FRANKLINBLVD,SAC	\$ 455	\$ 463	\$ 463
51	14	5500919	Pipeline Replacement-Sacramento	30827449	R4EGPRPOLIVERTW&HICKOR&LST,DAV	\$ 10	\$ 14	\$ 14
52	14	5500919Total	PipelineReplacement-Sacramento	Total		\$ 714	\$ 827	\$ 1,947
53	14	5500923	Pipeline Replacement-San Jose	30524499	GPCITYOFSCPHASE3GPRP-THEALAMED	\$ 8	\$ 13	\$ 1,186
54	14	5500923	Pipeline Replacement-San Jose	30680560	GS12TH&S13THST,SANJOSEGPRP	\$ 5	\$ 19	\$ 1,202
55	14	5500923	Pipeline Replacement-San Jose	30746089	PH1BERRYESSRD,SANJOSEGPRP--2010	\$ 29	\$ 670	\$ 782
56	14	5500923	Pipeline Replacement-San Jose	30753678	OC2GPARKAVENUEGPRP--SANJOSE	\$ 28	\$ 553	\$ 674
57	14	5500923	Pipeline Replacement-San Jose	30801105	OC2GHAROLDVAEGPRP,SJ	\$ 360	\$ 381	\$ 381
58	14	5500923	Pipeline Replacement-San Jose		OTHER	\$ 108	\$ 118	\$ 226
59	14	5500923Total	PipelineReplacement-SanJose	Total		\$ 936	\$ 1,754	\$ 4,454
60	14	5500926	Pipeline Replacement-Stockton	30668852	GPRP-LOCUST&WASHINGTOMODIPHAS	\$ 21	\$ 980	\$ 1,478
61	14	5500926	Pipeline Replacement-Stockton		OTHER	\$ 0	\$ 0	\$ 208
62	14	5500926Total	PipelineReplacement-Stockton	Total		\$ 21	\$ 980	\$ 1,686
63	14	5500928	Pipeline Replacement-Yosemite	30741372	OC2GPRPTHIRDSTREETDAKDALEPHASE2	\$ 0	\$ 35	\$ 754
64	14	5500928	Pipeline Replacement-Yosemite	30792458	OC2GPWESTMODESTGPRP-PHASE1	\$ 585	\$ 593	\$ 597
65	14	5500928Total	PipelineReplacement-Yosemite	Total		\$ 586	\$ 637	\$ 1,636
66	14	5505699	Pipeline Replacement-Kern	30793853	OC2REPLMAINHEIGHT&BERKELEEST,BAK	\$ 0	\$ 24	\$ 332
67	14	5505699Total	PipelineReplacement-Kern	Total		\$ 0	\$ 24	\$ 332
68	14	5505701	Pipeline Replacement-Sierra	30804511	REPLLGPRP14TH&H,MARYSVILLE	\$ 403	\$ 853	\$ 856
69	14	5505701Total	PipelineReplacement-Sierra	Total		\$ 403	\$ 853	\$ 856
70	14	5506443	Pipeline Replacement-San Francisco	30649246	OC1GPRPBALBOATERRACESANFRANCISCO	\$ 0	\$ 20	\$ 2,088
71	14	5506443	Pipeline Replacement-San Francisco	30674899	OC1GGPRPSAINTFRANCIS4_SF	\$ 20	\$ 88	\$ 1,809
72	14	5506443	Pipeline Replacement-San Francisco	30674922	OC1GGPRPGEARW&SANFRANCISCO	\$ -1	\$ 82	\$ 4,099
73	14	5506443	Pipeline Replacement-San Francisco	30753677	OC1GGPRPBAYVIEW&SANFRANCISCO	\$ 0	\$ 264	\$ 2,951

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
74	14	5506443	Pipeline Replacement-San Francisco	30754768	OC1GGRPSTAPLESSANFRANCISCO	\$0	\$239	\$1,439
75	14	5506443	Pipeline Replacement-San Francisco	30754774	OC1GGRPHOLLYPARK1SF	\$0	\$334	\$3,242
76	14	5506443	Pipeline Replacement-San Francisco	30804481	OC1GPRP25THSTSPOTMAIN SANFRANCISCO	\$2	\$410	\$41
77	14	5506443	Pipeline Replacement-San Francisco	30806806	OC1M027972GPRPOUTERMISSION2	\$516	\$2,188	\$2,468
78	14	5506443	Pipeline Replacement-San Francisco	30806814	OC1GGRPOXFORDSF	\$504	\$3,555	\$3,753
79	14	5506443	Pipeline Replacement-San Francisco	30806816	OC1R4EGGPRPSANBRUNO.SF	\$19	\$1,718	\$1,948
80	14	5506443	Pipeline Replacement-San Francisco	30806817	OC1GPRPMISSIONDISTRICT3, SANFRANCISCO	\$72	\$2,648	\$2,997
81	14	5506443	Pipeline Replacement-San Francisco	30807801	OC1GGRPSUNSET2, SF	\$215	\$3,054	\$3,055
82	14	5506443	Pipeline Replacement-San Francisco	30807861	OC1GPRPCAPITOL3, SANFRANCISCO	\$353	\$3,654	\$3,910
83	14	5506443	Pipeline Replacement-San Francisco	30807977	OC1GGRPOCEANVIEWSANFRANCISCO	\$684	\$2,689	\$2,690
84	14	5506443	Pipeline Replacement-San Francisco	30808096	OC1GGRPSUNSET3, SF	\$1,014	\$3,591	\$3,593
85	14	5506443	Pipeline Replacement-San Francisco	30808140	OC1GGRPPERISIA, SANFRANCISCO	\$2,481	\$3,702	\$3,704
86	14	5506443	Pipeline Replacement-San Francisco	30808157	OC1GGRPSOUTHVALENCIA6, SANFRANCISCO	-\$28	\$1,072	\$1,078
87	14	5506443	Pipeline Replacement-San Francisco	30808260	OC1GGRPBAYVIEW8, SANFRANCISCO	\$116	\$2,373	\$2,377
88	14	5506443	Pipeline Replacement-San Francisco	30808261	OC1R4EGGPRP18THST, SANFRANCISCO	\$2,265	\$3,665	\$3,665
89	14	5506443	Pipeline Replacement-San Francisco	30808590	OC1GPRPMISSIONDISTRICT4, SANFRAN	\$2,252	\$3,501	\$3,501
90	14	5506443	Pipeline Replacement-San Francisco	30817778	OC1GGRPHOLLYPARK1100APLETONAVE	\$0	\$0	\$459
91	14	5506443	Pipeline Replacement-San Francisco	30820278	OC1GGRPBALBOAPARK4, SF	\$3,201	\$3,709	\$3,709
92	14	5506443	Pipeline Replacement-San Francisco	30820364	R4GGPRPATHENS.SF	\$22	\$43	\$43
93	14	5506443	Pipeline Replacement-San Francisco	30821199	OC1GGRPOLMSTEADSF	\$1,414	\$1,416	\$1,416
94	14	5506443	Pipeline Replacement-San Francisco	30821410	OC1GGRPJOSTSF	\$1,748	\$1,766	\$1,766
95	14	5506443	Pipeline Replacement-San Francisco	30821601	OC1R1EGGPRPBERNALHEIGHTSSF	\$1,160	\$1,362	\$1,362
96	14	5506443	Pipeline Replacement-San Francisco	30822326	OC1EGRPWOODSF	\$1,397	\$1,397	\$1,397
97	14	5506443	Pipeline Replacement-San Francisco	30823194	OC1MGRPROSCENT, SANFRANCISCO	\$1,442	\$2,001	\$2,001
98	14	5506443	Pipeline Replacement-San Francisco	30829620	OC1MGRP- CONGOI- SF	\$1,495	\$1,652	\$1,652
99	14	5506443	Pipeline Replacement-San Francisco	30829626	OC1EGGRPOCEANANDPLYMOUTHSF	\$2	\$501	\$501
100	14	5506443	Pipeline Replacement-San Francisco	30829811	GPRPOUTERMISSION3	\$383	\$391	\$391
101	14	5506443	Pipeline Replacement-San Francisco	30829813	GGRPMONTERE 6, SANFRANCISCO	\$1,084	\$1,084	\$1,084
102	14	5506443	Pipeline Replacement-San Francisco	OTHER	OTHER	\$240	\$105	\$54,259
103	14	5506443 Total	Pipeline Replacement-San Francisco	Total		\$24,052	\$54,636	\$124,649
104	14	5507199 Total	EB Copper Service Replacement	Total		\$2	-\$4	\$25,668
105	14	5507399 Total	PN Copper Service Replacement	Total		\$1,291	\$1,818	\$5,020
106	14	5507599 Total	DA Copper Service Replacement	Total		\$12	\$12	\$12
107	14	5507600 Total	SJ A67 Services Replacement	Total		\$15	\$10	\$15
108	14	5507601	MI A67 Services Replacement	30632630	*CANC*24546MARIEDR.HAYWARDRPL*CANC	\$0	-\$2	\$0
109	14	5507601 Total	MI A67 Services Replacement	Total		\$0	-\$2	\$0
110	14	5507659 Total	DI A67 Services Replacement	Total		\$172	\$268	\$3,527
111	14	5507660 Total	CC A67 Services Replacement	Total		\$0	\$1	\$15
112	14	5507661 Total	FR A67 Services Replacement	Total		\$14	\$42	\$80
113	14	5507664 Total	YO A67 Services Replacement	Total		\$0	\$1	\$6
114	14	5507668 Total	NB A67 Services Replacement	Total		\$58	\$109	\$161
115	14	5507669 Total	A67 Services Replacement- SO	Total		\$62	\$117	\$243
116	14	5507781 Total	SF A67 Services Replacement	Total		\$10	\$8	\$10
117	14	5508119 Total	EB A67 Services Replacement	Total		\$116	\$254	\$399
118	14	5508320 Total	PN A67 Services Replacement	Total		\$30	\$108	\$154
119	14	5508321 Total	DA A67 Services Replacement	Total		\$20	\$131	\$131
120	14	5508322 Total	CC Copper Services Replacement	Total		\$0	\$1	\$6,183
121	14	5508323 Total	SJ Copper Service Replacement	Total		\$0	\$33	\$5,286
122	14	5508324 Total	MI Copper Service Replacement	Total		\$1	\$1	\$12,604
123	14	5508325 Total	SF Copper Service Replacement	Total		-\$482	\$126	\$20,522
124	14	5508326 Total	YO Copper Service Replacement	Total		-\$4	\$31	\$4,610
125	14	5508366 Total	NB Copper Service Replacement	Total		\$6,136	\$13,571	\$28,984
126	14	5508369 Total	SA A67 Services Replacement	Total		\$218	\$399	\$375
127	14	5508371 Total	FR Copper Service Replacement	Total		\$60	\$2,651	\$5,466
128	14	5508372 Total	DI Copper Service Replacement	Total		\$11,695	\$24,004	\$24,096
129	14	5509083 Total	HB - A67 Services Replacement	Total		\$11	\$11	\$11
130	14	5509247 Total	Est. - Int Est/DesignDist- SCVMWC14	Total		-\$3,764	-\$3,315	-\$6,073
131	14	5509273 Total	Mapping - Other Mapping - SCVMWC14	Total		-\$306	-\$204	-\$234
132	14	5510785	Plastic Main Replacement-DA	30877576	R2 NORTHPOINTLDYL-AREPLPHASE1	\$633	\$633	\$633
133	14	5510785	Plastic Main Replacement-DA	30877577	R* NORTHPOINTLDYL-AREPLPHASE2	\$32	\$32	\$32
134	14	5510785	Plastic Main Replacement-DA	OTHER	OTHER	\$0	\$0	\$0
135	14	5510785 Total	Plastic Main Replacement-DA	Total		\$666	\$666	\$666
136	14	5510790 Total	Plastic Main Replacement-YO	Total		\$0	\$0	\$0
137	14	5510792 Total	Plastic Main Replacement-SA	Total		\$3	\$3	\$3
138	14	5510794	Plastic Main Replacement-NB	30871984	P1VINEYARDLYMBLEHOMEPK, STHELENA	\$17	\$17	\$17
139	14	5510794 Total	Plastic Main Replacement-NB	Total		\$17	\$17	\$17
140	14	5510859 Total	SCV - MWC14 planning	Total		\$926	\$25	-\$1,917
141	14	5734818 Total	SCV - MWC14 planning	Total		\$0	\$0	\$0
142	27		MWC 27 TOTAL	Total	MWC 27 TOTAL	\$9	\$9	\$0
143	27	5500885 Total	Meter Protect Capital-East Bay	Total		\$0	\$0	\$0

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
144	ZJ	5501118 Total	Meter Protect Capital-Central Coast	Total		\$ 1	\$ 1	\$ 1
145	ZJ	5510800 Total	Meter Protection Capital - DI	Total		\$ 9	\$ 9	\$ 9
146	ZJ		MWC 2J TOTAL	Total	MWC 2J TOTAL	\$ 434	\$ 500	
147	ZJ	5742638 Total	ECON STIM- PRESIDIOLINGINJECTNPROJ, SF	Total		\$ 0	\$ 37	\$ 45
148	ZJ	5742639 Total	ECON STIM- SBI Gas Distribution Restorat	Total		\$ 434	\$ 463	\$ 938
149	ZK		MWC 2K TOTAL	Total	MWC 2K TOTAL	\$ 18,881	\$ 19,631	
150	ZK	5510222	EconStim HPRConvert Main-CC	30848926	HPR PROJECT ARCHERROAD, SALINAS	\$ 301	\$ 301	\$ 301
151	ZK	5510222	EconStim HPRConvert Main-CC	30852116	+HPRPROJECT-SAN JUAN ROAD, AROMAS	\$ 746	\$ 747	\$ 747
152	ZK	5510222	EconStim HPRConvert Main-CC		OTHER	\$ 122	\$ 122	\$ 122
153	ZK	5510222 Total	EconStim HPR Convert Main-CC	Total		\$ 1,159	\$ 1,170	\$ 1,170
154	ZK	5510223 Total	EconStim HPR Convert Main-DA	Total		\$ 0	\$ 0	\$ 0
155	ZK	5510224 Total	EconStim HPR Convert Main-DI	Total		\$ 0	\$ 0	\$ 0
156	ZK	5510226 Total	EconStim HPR Convert Main-FR	Total		\$ 92	\$ 92	\$ 92
157	ZK	5510227 Total	EconStim HPR Convert Main-HB	Total		\$ 4	\$ 4	\$ 4
158	ZK	5510228 Total	EconStim HPR Convert Main-KE	Total		\$ 0	\$ 0	\$ 0
159	ZK	5510230 Total	EconStim HPR Convert Main-NB	Total		\$ 11	\$ 13	\$ 13
160	ZK	5510231	EconStim HPRConvert Main-NV	30845563	HWY99 & ARCHERAV REPL 6 HPRW2' PL	\$ 248	\$ 252	\$ 252
161	ZK	5510231	EconStim HPRConvert Main-NV	30847073	R6 HPR- AC 11000'S PL MAIN, HESAN, CHICO	\$ 174	\$ 174	\$ 174
162	ZK	5510231	EconStim HPRConvert Main-NV		OTHER	\$ 834	\$ 835	\$ 835
163	ZK	5510231 Total	EconStim HPR Convert Main-NV	Total		\$ 1,708	\$ 1,714	\$ 1,714
164	ZK	5510232 Total	EconStim HPR Convert Main-PN	Total		\$ 174	\$ 270	\$ 270
165	ZK	5510233 Total	EconStim HPR Convert Main-SA	Total		\$ 1	\$ 3	\$ 3
166	ZK	5510235 Total	EconStim HPR Convert Main-SJ	Total		\$ 27	\$ 177	\$ 281
167	ZK	5510238	EconStim HPRConvert Main-ST	30840277	CONVERTAHANT RD DFM TODISTRIBUTION	\$ 2,643	\$ 2,655	\$ 2,655
168	ZK	5510238	EconStim HPRConvert Main-ST	30840354	OTHER	\$ 26	\$ 26	\$ 26
169	ZK	5510238	EconStim HPRConvert Main-ST	30847039	ORCHARD E/O DUSTIN LODI	\$ 492	\$ 492	\$ 492
170	ZK	5510238	EconStim HPRConvert Main-ST	30847284	+GRANTLINB/OBANTA+	\$ 277	\$ 277	\$ 277
171	ZK	5510238	EconStim HPRConvert Main-ST	30847285	+GRANTLINE/O MAC ARTHUR+	\$ 990	\$ 990	\$ 990
172	ZK	5510238	EconStim HPRConvert Main-ST	30850389	+AVED & TWC RIVERS+	\$ 447	\$ 447	\$ 447
173	ZK	5510238	EconStim HPRConvert Main-ST	30850390	E TURNER & RAY	\$ 371	\$ 371	\$ 371
174	ZK	5510238	EconStim HPRConvert Main-ST	30850391	+TURNER & DEVRIES+	\$ 457	\$ 457	\$ 457
175	ZK	5510238	EconStim HPRConvert Main-ST		OTHER	\$ 1,532	\$ 1,532	\$ 1,532
176	ZK	5510238 Total	EconStim HPR Convert Main-ST	Total		\$ 7,463	\$ 7,482	\$ 7,482
177	ZK	5510259	EconStim HPRConvert Main-YO	30844564	OC2GP HPR SNEDIGARRD, RIVERBANK	\$ 455	\$ 458	\$ 458
178	ZK	5510259	EconStim HPRConvert Main-YO	30851916	GP INST MN PAULINE AVENUE/MODESTO	\$ 479	\$ 479	\$ 479
179	ZK	5510259	EconStim HPRConvert Main-YO	30851959	GP DOWNRAT B NHALL RD, ESCALON/HPR	\$ 456	\$ 456	\$ 456
180	ZK	5510259	EconStim HPRConvert Main-YO	30852023	GP INST MN SANTA FE CENTRAL AV RB21	\$ 523	\$ 523	\$ 523
181	ZK	5510259	EconStim HPRConvert Main-YO	30852089	GP INST MN EAST WHITMORE/UGHSON	\$ 978	\$ 978	\$ 978
182	ZK	5510259	EconStim HPRConvert Main-YO		OTHER	\$ 423	\$ 423	\$ 423
183	ZK	5510259 Total	EconStim HPR Convert Main-YO	Total		\$ 3,320	\$ 3,324	\$ 3,361
184	ZK	5510260 Total	EconStim HPR Convert Distr Reg-CC	Total		\$ 1	\$ 3	\$ 3
185	ZK	5510261 Total	EconStim HPR Convert Distr Reg-DA	Total		\$ 19	\$ 19	\$ 19
186	ZK	5510264 Total	EconStim HPR Convert Distr Reg-FR	Total		\$ 0	\$ 0	\$ 0
187	ZK	5510269 Total	EconStim HPR Convert Distr Reg-NV	Total		\$ 307	\$ 307	\$ 307
188	ZK	5510270	EconStim HPRConvert Distr Reg-PN	30676310	OC 11 TOWER ROAD HPR TODRS	\$ 21	\$ 70	\$ 457
189	ZK	5510270	EconStim HPRConvert Distr Reg-PN	30676390	OC 1 SHOREWAY DR BELMONT	\$ 354	\$ 402	\$ 539
190	ZK	5510270	EconStim HPRConvert Distr Reg-PN		OTHER	\$ 140	\$ 142	\$ 189
191	ZK	5510270 Total	EconStim HPR Convert Distr Reg-PN	Total		\$ 516	\$ 614	\$ 1,165
192	ZK	5510271 Total	EconStim HPR Convert Distr Reg-SA	Total		\$ -18	\$ -9	\$ 194
193	ZK	5510273 Total	EconStim HPR Convert Distr Reg-SJ	Total		\$ 0	\$ 0	\$ 35
194	ZK	5510275 Total	EconStim HPR Convert Distr Reg-SO	Total		\$ 65	\$ 65	\$ 76
195	ZK	5510276 Total	EconStim HPR Convert Distr Reg-ST	Total		\$ 0	\$ 0	\$ 0
196	ZK	5510277	EconStim HPRConvert Distr Reg-YO	30852028	GP INST MN GEEFRD, TURL OCK 25HP	\$ 1,168	\$ 1,168	\$ 1,168
197	ZK	5510277	EconStim HPRConvert Distr Reg-YO		OTHER	\$ 6	\$ 8	\$ 8
198	ZK	5510277 Total	EconStim HPR Convert Distr Reg-YO	Total		\$ 1,174	\$ 1,175	\$ 1,175
199	ZK	5510279 Total	EconStim HPR Replacement-CC	Total		\$ 2	\$ 2	\$ 2
200	ZK	5510280 Total	EconStim HPR Replacement-DA	Total		\$ 14	\$ 147	\$ 252
201	ZK	5510284 Total	EconStim HPR Replacement-HB	Total		\$ 170	\$ 170	\$ 171
202	ZK	5510285 Total	EconStim HPR Replacement-KE	Total		\$ 30	\$ 31	\$ 31
203	ZK	5510287 Total	EconStim HPR Replacement-NB	Total		\$ 96	\$ 221	\$ 286
204	ZK	5510288 Total	EconStim HPR Replacement-NV	Total		\$ 730	\$ 738	\$ 738
205	ZK	5510289 Total	EconStim HPR Replacement-PN	Total		\$ 0	\$ 0	\$ 0
206	ZK	5510290 Total	EconStim HPR Replacement-SA	Total		\$ 37	\$ 40	\$ 40
207	ZK	5510292	EconStim HPR Replacement-SJ	30817657	OC2 GABNON HPR ST DIANA AVE & LOTUSMI	\$ 451	\$ 455	\$ 455
208	ZK	5510292	EconStim HPR Replacement-SJ	30842346	GHPR REPL MNT-DIANAV AVE/O 10MH-6' PL	\$ 976	\$ 979	\$ 979
209	ZK	5510292	EconStim HPR Replacement-SJ		OTHER	\$ 333	\$ 340	\$ 340
210	ZK	5510292 Total	EconStim HPR Replacement-SJ	Total		\$ 1,758	\$ 1,774	\$ 1,774
211	ZK	5510293 Total	EconStim HPR Replacement-SI	Total		\$ 0	\$ 0	\$ 0
212	ZK	5510294 Total	EconStim HPR Replacement-SO	Total		\$ 3	\$ 3	\$ 3
213	ZK	5510295 Total	EconStim HPR Replacement-ST	Total		\$ 0	\$ 61	\$ 483

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
214	2K	5510296 Total	EconStim HPR Replacement-YO	Total		\$ 18	\$ 18	\$ 18
215	47		MWC 47 TOTAL	Total	MWC 47 TOTAL	\$ 7,568	\$ 12,521	
216	47	5500747 Total	Incr. Capacity G-DA	Total		\$ 0	\$ 0	\$ 0
217	47	5500748	Incr. Capacity G-DI	30789549	OC1BYRONMAIN EXTENSION BIXLERRDBYR	\$68	\$822	\$633
218	47	5500748	Incr. Capacity G-DI	30820811	OC1MAINREINFORG STONEVLLYRD_ALAM	\$323	\$785	\$785
219	47	5500748	Incr. Capacity G-DI	OTHER		\$175	\$185	\$475
220	47	5500748 Total	Incr. Capacity G-DI	Total		\$ 566	\$ 1,792	\$ 2,093
221	47	5500749 Total	Incr. Capacity G-EB	Total		\$ 0	\$ 0	\$ 0
222	47	5500750	Incr. Capacity G-FR	30757861	R2 INST 17000TOF8* PL MAIN FRESNO	-\$7	\$78	\$1,857
223	47	5500750	Incr. Capacity G-FR	30784111	OC2CAPACITYINCREASB HARLANRNCHCLOVIS	\$0	\$25	\$571
224	47	5500750 Total	Incr. Capacity G-FR	Total		-\$7	\$ 102	\$ 2,428
225	47	5500752	Incr. Capacity G-MI	30747707	OC1DUBLINBLVDDUBLININSTALL4100FTO	\$0	\$141	\$1,186
226	47	5500752	Incr. Capacity G-MI	30810379	OC1STONERIDGDR PLEASANTON	\$237	\$242	\$242
227	47	5500752	Incr. Capacity G-MI	30811188	*200FTO PL MAININST VALLEVAV PL	\$79	\$81	\$81
228	47	5500752	Incr. Capacity G-MI	OTHER		\$8	\$86	\$243
229	47	5500752 Total	Incr. Capacity G-MI	Total		\$ 324	\$ 550	\$ 1,752
230	47	5500753	Incr. Capacity G-NB	30477107	INST900' B-STL INDUSTRIALWY,BENICIA+	\$19	\$15	\$990
231	47	5500753	Incr. Capacity G-NB	OTHER		\$0	-\$3	
232	47	5500753 Total	Incr. Capacity G-NB	Total		\$ 15	\$ 12	\$ 990
233	47	5500754 Total	47B - Cons/Acq New Fac-G-Mains - SO	Total		\$ 0	\$ 179	\$ 976
234	47	5500755	Incr. Capacity G-NV	30742428	OC4INST1700FT6-IN PL BRUCERD,CHICO	\$2	\$388	\$572
235	47	5500755	Incr. Capacity G-NV	30785318	REDBLUFFLP CAPACITY	\$724	\$727	\$727
236	47	5500755	Incr. Capacity G-NV	30848181	OC4GPREPL2300 MM,1500KIRK, GRIDDLE	\$353	\$353	\$353
237	47	5500755	Incr. Capacity G-NV	OTHER		\$5	\$6	\$1,058
238	47	5500755 Total	Incr. Capacity G-NV	Total		\$ 1,084	\$ 1,474	\$ 2,711
239	47	5500756	Incr. Capacity G-PN	30783043	OC1CORDILLERA&REDWOODCITY	\$0	\$397	\$458
240	47	5500756	Incr. Capacity G-PN	30784477	CSM CAPACITY-INSTALL850' OF6" PL	\$361	\$373	\$379
241	47	5500756	Incr. Capacity G-PN	30885606	E3RD AVEE MAININSTALL	\$453	\$453	\$453
242	47	5500756	Incr. Capacity G-PN	OTHER		\$1	\$39	\$475
243	47	5500756 Total	Incr. Capacity G-PN	Total		\$ 815	\$ 1,261	\$ 1,765
244	47	5500757 Total	Incr. Capacity G-SA	Total		\$ 14	\$ 245	\$ 2,068
245	47	5500759	Incr. Capacity G-SJ	30675123	OC2G1.276-F14" PL GREATAMERIC/RKIWY,SC	\$0	\$94	\$281
246	47	5500759	Incr. Capacity G-SJ	30811006	GINST1400'4" PL MNTGUESSET,SC	\$16	\$21	\$22
247	47	5500759	Incr. Capacity G-SJ	OTHER		\$143	\$146	\$146
248	47	5500759 Total	Incr. Capacity G-SJ	Total		\$ 159	\$ 260	\$ 448
249	47	5500760	Incr. Capacity G-SI	30798844	OC4INST.1050'OF6" PL, ELMST, LIVE	\$1	\$292	\$300
250	47	5500760	Incr. Capacity G-SI	OTHER		\$0	\$52	\$1,198
251	47	5500760 Total	Incr. Capacity G-SI	Total		\$ 1	\$ 344	\$ 1,497
252	47	5500761	Incr. Capacity G-ST	30790929	*MCALLEE FROM WILSON TO HOLMAN+	\$761	\$816	\$844
253	47	5500761	Incr. Capacity G-ST	30797736	*LOCUST LEETOSACRAMENTO LODI+	\$1	\$332	\$338
254	47	5500761	Incr. Capacity G-ST	OTHER		\$0	\$0	\$0
255	47	5500761 Total	Incr. Capacity G-ST	Total		\$ 762	\$ 1,148	\$ 1,182
256	47	5500762	Incr. Capacity G-YO	30749118	GPCAPACITY:6"HPARALLEL MAIN OAKDALE	\$682	\$704	\$727
257	47	5500762	Incr. Capacity G-YO	30749119	GPCAPACITY:6"HPARALLEL MAIN MODESTO	\$0	\$31	\$771
258	47	5500762	Incr. Capacity G-YO	30788198	R2 PARALLEL4" PL MAIN, MARIPOSAWAY	\$1	\$18	\$29
259	47	5500762	Incr. Capacity G-YO	OTHER		\$14	\$16	\$78
260	47	5500762 Total	Incr. Capacity G-YO	Total		\$ 697	\$ 768	\$ 1,605
261	47	5508860	47C- Cons/Acq New Fac-G-Cap-RegSta - PN2	30676477	INST ALL DRS JUNIPEROERRASTANFORD.	\$534	\$569	\$662
262	47	5508860	47C- Cons/Acq New Fac-G-Cap-RegSta - PN2	30783042	OC1BOWDR & CRESTVIEWDR.	\$316	\$566	\$578
263	47	5508860 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - PN2	Total		\$ 850	\$ 1,135	\$ 1,238
264	47	5508861 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - EB	Total		\$ 0	\$ 1	\$ 424
265	47	5508862	47C- Cons/Acq New Fac-G-Cap-RegSta - DI	30813871	REBUILD VICTOR DR STATION	\$394	\$417	\$417
266	47	5508862	47C- Cons/Acq New Fac-G-Cap-RegSta - DI	OTHER		\$0	\$2	\$23
267	47	5508862 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - DI	Total		\$ 395	\$ 419	\$ 441
268	47	5508863	47C- Cons/Acq New Fac-G-Cap-RegSta - MI	30786843	OC1RH-06-INSTALL DR ST.VERMON & "B" S	-\$1	\$14	\$1,015
269	47	5508863	47C- Cons/Acq New Fac-G-Cap-RegSta - MI	30787889	OC1INST DUAL DR STATION S GOODRD, FRE	-\$2	\$419	\$936
270	47	5508863	47C- Cons/Acq New Fac-G-Cap-RegSta - MI	OTHER		-\$2	-\$2	\$1
271	47	5508863 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - MI	Total		-\$1	\$ 559	\$ 1,851
272	47	5508871	47C- Cons/Acq New Fac-G-Cap-RegSta - YO	30840378	REBUILD REG ST NRC-03-CYRND@SUNSET, LB	\$38	\$38	\$38
273	47	5508871	47C- Cons/Acq New Fac-G-Cap-RegSta - YO	OTHER		\$0	-\$3	\$943
274	47	5508871 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - YO	Total		\$ 36	\$ 34	\$ 982
275	47	5508872	47C- Cons/Acq New Fac-G-Cap-RegSta - NV	30835973	INST ALL NEW DIRT REGAIRPORT/RANCH	\$371	\$379	\$379
276	47	5508872 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - NV	Total		\$ 371	\$ 379	\$ 379
277	47	5508873	47C- Cons/Acq New Fac-G-Cap-RegSta - SA	30740781	OC4 VACAVLY & SHELTER COVE INSTLR	\$10	\$184	\$419
278	47	5508873	47C- Cons/Acq New Fac-G-Cap-RegSta - SA	OTHER		\$0	\$8	\$9
279	47	5508873 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - SA	Total		\$ 10	\$ 192	\$ 427
280	47	5508874	47C- Cons/Acq New Fac-G-Cap-RegSta - SI	30810188	OC4REBLDDR MRC-12,1ST & EST, WHEAL	\$590	\$634	\$645
281	47	5508874 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - SI	Total		\$ 590	\$ 634	\$ 645
282	47	5508875	47C- Cons/Acq New Fac-G-Cap-RegSta - SO	30826697	GDR BUILD DR #733, LAWNDALE KENWOOD GC	\$266	\$282	\$282
283	47	5508875 Total	47C - Cons/Acq New Fac-G-Cap-RegSta - SO	Total		\$ 266	\$ 282	\$ 282

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
284	47	5508876	47C - Cons/AcqNewFacG-Cap-RegSta - NB	30797133	OC4GCAP_REG18REBUILD_YOUNTVILLE	\$536	\$559	\$568
285	47	5508876 Total	47C - Cons/AcqNewFacG-Cap-RegSta - NB	Total		\$536	\$559	\$568
286	47	5508878 Total	47D - Con/AcqNewFacG-Cap-Rep/Reg - PN	Total		\$0	\$9	\$22
287	47	5508881 Total	47D - Con/AcqNewFacG-Cap-Rep/Reg - MI	Total		\$1	\$1	\$1
288	47	5508888 Total	47D - Con/AcqNewFacG-Cap-Rep/Reg - ST	Total		\$56	\$113	\$229
289	47	5508891 Total	47E - Con/AcquirNewFacIG-Cap-Betr - SA	Total		\$0	\$4	\$186
290	47	5508896 Total	47E - Con/AcquirNewFacIG-Cap-Betr - PN	Total		\$0	\$0	\$0
291	47	5508916 Total	47F - Cons/AcquireNewFacG-Cap-Oth - DI	Total		\$18	\$22	\$97
292	47	5508917 Total	47F - Cons/AcquireNewFacG-Cap-Oth - MI	Total		\$0	\$3	\$24
293	47	5508926 Total	47F - Cons/AcquireNewFacG-Cap-Oth - NV	Total		\$100	\$100	\$100
294	47	5508928 Total	47F - Cons/AcquireNewFacG-Cap-Oth - SI	Total		\$94	\$94	\$94
295	47	5508972	47B - Cons/AcqNewFacG-Cap-Mains - HB	30782994	OC4GDAPACITCENTRALIAVEMCKINLEYVIL	\$0	\$18	\$521
296	47	5508972	47B - Cons/AcqNewFacG-Cap-Mains - HB	OTHER		\$0	\$15	\$166
297	47	5508972 Total	47B - Cons/AcqNewFacG-Cap-Mains - HB	Total		\$0	\$33	\$687
298	47	5509250 Total	Est - Int Est/DesignDist - SCVMWC47	Total		-\$215	-\$190	-\$348
299	50	5510239 Total	MWC50 TOTAL	Total	MWC50 TOTAL	\$30,728	\$58,543	
300	50	5510176	EconStim ImprRel / DepG Remote CP SA	30814763	INSTALLREMOETEPYOLO	\$431	\$432	\$432
301	50	5510176 Total	EconStim ImprRel / DepG Remote CP SA	OTHER		\$2	\$2	\$2
302	50	5510176 Total	EconStim ImprRel / DepG Remote CP SA	Total		\$433	\$433	\$433
303	50	5510239	EconStim ImprRel/DepG-SA	30822376	GST 8TWN24H829THST REPL1 90	\$90	\$908	\$908
304	50	5510239 Total	EconStim ImprRel/DepG-SA	Total		\$901	\$908	\$908
305	50	5510240	EconStim ImprRel/DepG-YO	30814788	MODESTORELIABILITYPHASE1 - MODESTO	\$13	\$26	\$27
306	50	5510240 Total	EconStim ImprRel/DepG-YO	Total		\$13	\$26	\$27
307	50	5500640 Total	ImprRel/Dep G-CC	Total		\$113	\$164	\$165
308	50	5500641 Total	ImprRel/Dep G-DA	Total		\$52	\$65	\$65
309	50	5500643 Total	ImprRel/Dep G-DI	Total		\$38	\$66	\$185
310	50	5500645	ImprRel/Dep G-EB	30805155	OC16RZINDR, OAKLANDMAINREPLACEMENT	\$38	\$68	\$159
311	50	5500645 Total	ImprRel/Dep G-EB	OTHER		\$610	\$641	\$731
312	50	5500646	ImprRel/Dep G-FR	30805155	GP214EOLIVAVEPRESNO	\$96	\$279	\$440
313	50	5500646 Total	ImprRel/Dep G-FR	OTHER		\$107	\$331	\$331
314	50	5500646 Total	ImprRel/Dep G-FR	Total		\$203	\$610	\$771
315	50	5500648 Total	ImprRel/Dep G-KE	Total		\$21	\$108	\$118
316	50	5500649	ImprRel/Dep G-MI	30873243	RPLC900'4'STLW/6'PL SANTARITARD.	\$372	\$372	\$372
317	50	5500649 Total	ImprRel/Dep G-MI	OTHER		\$45	\$88	\$122
318	50	5500649 Total	ImprRel/Dep G-MI	Total		\$417	\$460	\$494
319	50	5500650	ImprRel/Dep G-NB	30878552	OC4GRMSHORTST, VALLEJO	\$182	\$21	\$236
320	50	5500650 Total	ImprRel/Dep G-NB	30751625	OC4GPRMREPLHWYCROSSINGMAGAZINEST	\$0	\$50	\$626
321	50	5500650	ImprRel/Dep G-NB	30781915	PRMREPLCKRCROSSINGLUCASVLYRD	\$34	\$53	\$75
322	50	5500650	ImprRel/Dep G-NB	30813051	OC4GPREPLMAINBRIDGEWBRDWLKSALSALT	\$176	\$191	\$191
323	50	5500650	ImprRel/Dep G-NB	30813057	OC4GRMREPLMAIN, ORANGEAVE, NOVATO	\$133	\$392	\$411
324	50	5500650	ImprRel/Dep G-NB	30827211	OC4GPRMBUHMANN&TWINAKS, NAPA	\$695	\$1,363	\$1,363
325	50	5500650	ImprRel/Dep G-NB	30882558	LK401120147RMLGOODHILL RD KENTFIELD	\$332	\$332	\$332
326	50	5500650	ImprRel/Dep G-NB	OTHER		\$201	\$236	\$236
327	50	5500650 Total	ImprRel/Dep G-NB	Total		\$1,759	\$2,828	\$3,554
328	50	5500651	ImprRel/Dep G-SO	30879554	GRMPACIFICAVE, SANTAROSA-	\$14	\$32	\$59
329	50	5500651 Total	ImprRel/Dep G-SO	30810963	OC4RPLMAIN-DUTCHLN&BRANDLN, PENNGRO	\$136	\$153	\$154
330	50	5500651	ImprRel/Dep G-SO	OTHER		\$416	\$461	\$731
331	50	5500651 Total	ImprRel/Dep G-SO	Total		\$566	\$647	\$945
332	50	5500652	ImprRel/Dep G-NV	30755088	R6LREPLACMAIN, MT IDAROAD, OROVILLE	\$14	\$16	\$24
333	50	5500652 Total	ImprRel/Dep G-NV	OTHER		\$154	\$364	\$370
334	50	5500652	ImprRel/Dep G-NV	OTHER		\$168	\$380	\$394
335	50	5500657	ImprRel/Dep G-PN	30760327	OC1REPL700'OF2'WITHT2'PLESPL,PAC	\$0	\$36	\$244
336	50	5500657 Total	ImprRel/Dep G-PN	OTHER		\$64	\$259	\$491
337	50	5500657	ImprRel/Dep G-PN	OTHER		\$64	\$259	\$491
338	50	5500657 Total	ImprRel/Dep G-PN	Total		\$64	\$295	\$736
339	50	5500658	ImprRel/Dep G-SA	30846074	GPHAZELAVEBETWGREENBACK&FORTUNA	\$216	\$529	\$529
340	50	5500658 Total	ImprRel/Dep G-SA	OTHER		\$106	\$793	\$922
341	50	5500658 Total	ImprRel/Dep G-SA	Total		\$322	\$1,108	\$1,491
342	50	5500659	ImprRel/Dep G-SF	30758573	OC1GREPLMAINCASITAS&CRESTAVISTA,	\$149	\$638	\$656
343	50	5500659	ImprRel/Dep G-SF	30761821	OC1GREPL6'STLHPTUNNELAVES/BRISBANE	\$0	\$122	\$793
344	50	5500659	ImprRel/Dep G-SF	30833648	OCIDOLORESMFRP,SF	\$1,029	\$1,084	\$1,084
345	50	5500659	ImprRel/Dep G-SF	30857635	GREPLMAIN - SOUTHVALENCIA, SF	\$85	\$288	\$288
346	50	5500659	ImprRel/Dep G-SF	30884808	GGPRP,JOOSTMWC50WORK,SF	\$2,503	\$2,503	\$2,503
347	50	5500659	ImprRel/Dep G-SF	30884810	GPPRBERNALHEICHT5KWC50WORK,SF	\$679	\$679	\$679
348	50	5500659	ImprRel/Dep G-SF	30883821	GRMARKE1ST(5THTOGRANT)LPTOHP	\$12	\$12	\$12
349	50	5500659	ImprRel/Dep G-SF	OTHER		\$12	\$13	\$13
350	50	5500659 Total	ImprRel/Dep G-SF	Total		\$4,670	\$5,540	\$6,228
351	50	5500660 Total	ImprRel/Dep G-SJ	Total		\$262	\$678	\$778
352	50	5500661	ImprRel/Dep G-SI	30879874	CIRBYWAYEASTFRIVERSIDEROSEVILLE	\$532	\$532	\$532
353	50	5500661	ImprRel/Dep G-SI	OTHER		\$261	\$409	\$689

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
354	50	5500661 Total	Impr Rel/Dep G-SI	Total		\$ 793	\$ 941	\$ 1,101
355	50	5500662	Impr Rel/Dep G-ST	30755040	GRANTLINE L-2 +	\$ 2	\$ 16	\$ 793
356	50	5500662	Impr Rel/Dep G-ST	30756701	9TH&LINCOLN,STOCKTON	\$ 0	\$ 455	\$ 597
357	50	5500662	Impr Rel/Dep G-ST	30760406	+FRNCHBAR, HW45TOPERRY,JACKSON+	\$ 646	\$ 649	\$ 664
358	50	5500662	Impr Rel/Dep G-ST	30790051	OC2HARDINGWY,SAN JUANAVETOABBYCT+	\$ 246	\$ 253	\$ 253
359	50	5500662	Impr Rel/Dep G-ST	30790056	R2EMERSONAVE,TRAC YAVE,TOWALLAVE.	\$ 2	\$ 10	\$ 18
360	50	5500662	Impr Rel/Dep G-ST	OTHER		\$ 285	\$ 555	\$ 623
361	50	5500662 Total	Impr Rel/Dep G-ST	Total		\$ 1,182	\$ 1,938	\$ 3,148
362	50	5500663	Impr Rel/Dep G-YO	30742231	OC2 MERCCEPHASE3RELIABILITY	\$ 32	\$ 281	\$ 364
363	50	5500663	Impr Rel/Dep G-YO	OTHER		\$ 125	\$ 163	\$ 280
364	50	5500663 Total	Impr Rel/Dep G-YO	Total		\$ 157	\$ 444	\$ 645
365	50	5502643 Total	System-wide unscheduled main replacement	Total		\$ 273	\$ 360	\$ 427
366	50	5506942 Total	Imp Rel / Dep, Gas Svcs - EB	Total		\$ 834	\$ 1,899	\$ 3,130
367	50	5506943 Total	Imp Rel / Dep, Gas Svcs - MI	Total		\$ 364	\$ 796	\$ 1,524
368	50	5506944 Total	Imp Rel / Dep, Gas Svcs - CC	Total		\$ 145	\$ 331	\$ 410
369	50	5506945 Total	Imp Rel / Dep, Gas Svcs - DA	Total		\$ 198	\$ 419	\$ 437
370	50	5506946 Total	Imp Rel / Dep, Gas Svcs - DI	Total		\$ 301	\$ 722	\$ 1,524
371	50	5506947 Total	Imp Rel / Dep, Gas Svcs - FR	Total		\$ 66	\$ 289	\$ 349
372	50	5506948 Total	Imp Rel / Dep, Gas Svcs - KE	Total		\$ 182	\$ 304	\$ 423
373	50	5506949 Total	Imp Rel / Dep, Gas Svcs - NB	Total		\$ 312	\$ 775	\$ 1,210
374	50	5506950	Imp Rel / Dep, Gas Svcs - SO	30823128	GDRELI-MSNARROWSB2 (KASTANIA)PETA'-	\$ 231	\$ 238	\$ 238
375	50	5506950	Imp Rel / Dep, Gas Svcs - SO	OTHER		\$ 487	\$ 938	\$ 1,561
376	50	5506950 Total	Imp Rel / Dep, Gas Svcs - SO	Total		\$ 178	\$ 1,176	\$ 1,799
377	50	5506951 Total	Imp Rel / Dep, Gas Svcs - NV	Total		\$ 180	\$ 290	\$ 354
378	50	5506952 Total	Imp Rel / Dep, Gas Svcs - PN	Total		\$ 419	\$ 878	\$ 1,189
379	50	5506953 Total	Imp Rel / Dep, Gas Svcs - SA	Total		\$ 716	\$ 1,362	\$ 1,536
380	50	5506954 Total	Imp Rel / Dep, Gas Svcs - SF	Total		\$ 219	\$ 668	\$ 790
381	50	5506955 Total	Imp Rel / Dep, Gas Svcs - SI	Total		\$ 163	\$ 511	\$ 632
382	50	5506956 Total	Imp Rel / Dep, Gas Svcs - SJ	Total		\$ 684	\$ 1,424	\$ 1,677
383	50	5506957 Total	Imp Rel / Dep, Gas Svcs - ST	Total		\$ 130	\$ 337	\$ 600
384	50	5506958 Total	Imp Rel / Dep, Gas Svcs - YO	Total		\$ 149	\$ 293	\$ 436
385	50	5506959 Total	Impr Relb/Sys Depnd-G-CP Sys - CC	Total		\$ 14	\$ 74	\$ 128
386	50	5506960 Total	Impr Relb/Sys Depnd-G-CP Sys - DA	Total		\$ 4	\$ 42	\$ 42
387	50	5506961 Total	Impr Relb/Sys Depnd-G-CP Sys - DI	Total		\$ 47	\$ 135	\$ 172
388	50	5506962 Total	Impr Relb/Sys Depnd-G-CP Sys - EB	Total		\$ 108	\$ 200	\$ 273
389	50	5506963	Impr Relb/Sys Depnd-G-CP Sys - FR	30766290	OC22010INSTANODES(15)FRESNO DIVSN	\$ 0	\$ 363	\$ 434
390	50	5506963	Impr Relb/Sys Depnd-G-CP Sys - FR	30784977	R2REPLCR16)CATPROTECNODESFRESNO	\$ 29	\$ 30	\$ 30
391	50	5506963	Impr Relb/Sys Depnd-G-CP Sys - FR	OTHER		\$ 1	\$ 15	\$ 15
392	50	5506963 Total	Impr Relb/Sys Depnd-G-CP Sys - FR	Total		\$ 30	\$ 408	\$ 480
393	50	5506964	Impr Relb/Sys Depnd-G-CP Sys - KE	30809059	OC2INSTALL10)DEEPWELL,KERN-VARSLOC	\$ 21	\$ 219	\$ 219
394	50	5506964	Impr Relb/Sys Depnd-G-CP Sys - KE	OTHER		\$ 4	\$ 12	\$ 277
395	50	5506964 Total	Impr Relb/Sys Depnd-G-CP Sys - KE	Total		\$ 214	\$ 231	\$ 497
396	50	5506965	Impr Relb/Sys Depnd-G-CP Sys - MI	30777185	OC'REPLACETWOSHALLOWEDANODESFREM	\$ 2	\$ 2	\$ 16
397	50	5506965 Total	Impr Relb/Sys Depnd-G-CP Sys - MI	Total		\$ 2	\$ 2	\$ 16
398	50	5506966 Total	Impr Relb/Sys Depnd-G-CP Sys - NB	Total		\$ 49	\$ 112	\$ 180
399	50	5506967 Total	Impr Relb/Sys Depnd-G-CP Sys - SO	Total		\$ 91	\$ 225	\$ 274
400	50	5506968 Total	Impr Relb/Sys Depnd-G-CP Sys - NV	Total		\$ 24	\$ 109	\$ 109
401	50	5506969 Total	Impr Relb/Sys Depnd-G-CP Sys - PN	Total		\$ 62	\$ 75	\$ 76
402	50	5506970 Total	Impr Relb/Sys Depnd-G-CP Sys - SA	Total		\$ 113	\$ 248	\$ 416
403	50	5506971 Total	Impr Relb/Sys Depnd-G-CP Sys - SF	Total		\$ 48	\$ 88	\$ 111
404	50	5506972 Total	Impr Relb/Sys Depnd-G-CP Sys - SI	Total		\$ 35	\$ 41	\$ 41
405	50	5506973 Total	Impr Relb/Sys Depnd-G-CP Sys - SJ	Total		\$ 81	\$ 166	\$ 172
406	50	5506974 Total	Impr Relb/Sys Depnd-G-CP Sys - ST	Total		\$ 177	\$ 234	\$ 371
407	50	5506975 Total	Impr Relb/Sys Depnd-G-CP Sys - YO	Total		\$ 124	\$ 153	\$ 218
408	50	5506976 Total	Impr Relb/Sys Depnd-G-Oth Equip - CC	Total		\$ 15	\$ 33	\$ 41
409	50	5506978 Total	Impr Relb/Sys Depnd-G-Oth Equip - DI	Total		\$ 133	\$ 294	\$ 443
410	50	5506979 Total	Impr Relb/Sys Depnd-G-Oth Equip - EB	Total		\$ 99	\$ 209	\$ 311
411	50	5506980 Total	Impr Relb/Sys Depnd-G-Oth Equip - FR	Total		\$ 0	\$ 2	\$ 24
412	50	5506981 Total	Impr Relb/Sys Depnd-G-Oth Equip - KE	Total		\$ 0	\$ 2	\$ 2
413	50	5506982 Total	Impr Relb/Sys Depnd-G-Oth Equip - MI	Total		\$ 6	\$ 1	\$ 25
414	50	5506983 Total	Impr Relb/Sys Depnd-G-Oth Equip - NB	Total		\$ 54	\$ 130	\$ 155
415	50	5506984 Total	Impr Relb/Sys Depnd-G-Oth Equip - SO	Total		\$ 97	\$ 109	\$ 111
416	50	5506985 Total	Impr Relb/Sys Depnd-G-Oth Equip - NV	Total		\$ 67	\$ 73	\$ 74
417	50	5506986	Impr Relb/Sys Depnd-G-Oth Equip - PN	30758821	OC1INSTLL400"PLANDABANDONDRSTN2	\$ 2	\$ 279	\$ 292
418	50	5506986	Impr Relb/Sys Depnd-G-Oth Equip - PN	OTHER		\$ 0	\$ 17	\$ 17
419	50	5506986 Total	Impr Relb/Sys Depnd-G-Oth Equip - PN	Total		\$ 2	\$ 297	\$ 309
420	50	5506987 Total	Impr Relb/Sys Depnd-G-Oth Equip - SA	Total		\$ 6	\$ 25	\$ 223
421	50	5506988 Total	Impr Relb/Sys Depnd-G-Oth Equip - SF	Total		\$ 94	\$ 246	\$ 299
422	50	5506989 Total	Impr Relb/Sys Depnd-G-Oth Equip - SI	Total		\$ 0	\$ -1	\$ 17
423	50	5506990 Total	Impr Relb/Sys Depnd-G-Oth Equip - SJ	Total		\$ 27	\$ 263	\$ 444

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
424	50	5506991 Total	Impr Relb/Sys Depnd-G-OthEquip- ST	Total		\$ 0	\$ 43	\$ 43
425	50	5506992 Total	Impr Relb/Sys Depnd-G-OthEquip- YO	Total		\$ 0	\$ 23	\$ 30
426	50	5506993 Total	Impr Relb/Sys Depnd-G-Regs- CC	Total		\$ 78	\$ 409	\$ 449
427	50	5506994	Impr Relb/Sys Depnd-G-Regs- DA	30758392	A-03 ALMA & OREGON SILLER FILTER	\$373	\$411	\$414
428	50	5506994	Impr Relb/Sys Depnd-G-Regs- DA	30758394	A-10 JUNIPEROX ARA STRADER LOCK VALVE	\$ 0	\$256	\$297
429	50	5506994	Impr Relb/Sys Depnd-G-Regs- DA	OTHER		\$287	\$769	\$799
430	50	5506994 Total	Impr Relb/Sys Depnd-G-Regs- DA	Total		\$ 660	\$ 1,436	\$ 1,510
431	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30692911	OC1 GRE BUILD CORNWALDRSTN, PITTSBUR	\$ 0	\$ 28	\$485
432	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30757351	OC1 GRE BUILD DR STA CRESCEN DR CONC	\$ 0	\$ 19	\$424
433	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30757362	OC1 GDR STATION CARION CT PITTSBURG	\$ 2	\$ 0	\$262
434	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30759876	R2 GRE BUILD GOLFCLUBDR, PLEAS	\$ 4	\$ 13	\$ 15
435	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30812259	RE BUILD MARSHALL DRIVDR STATION	\$405	\$553	\$553
436	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	30826505	GRE BUILD DRHEMOR STATION MORAGA	\$10	\$35	\$35
437	50	5506995	Impr Relb/Sys Depnd-G-Regs- DI	OTHER		\$18	\$25	\$25
438	50	5506995 Total	Impr Relb/Sys Depnd-G-Regs- DI	Total		\$ 435	\$ 683	\$ 1,799
439	50	5506996	Impr Relb/Sys Depnd-G-Regs- EB	30712896	GP77HST & HENSLEY RICHMOND	\$94	\$303	\$370
440	50	5506996	Impr Relb/Sys Depnd-G-Regs- EB	30714400	R1 GP CARLSON & ADAMS ALBANY RE PLAC REG	\$272	\$272	\$130
441	50	5506996	Impr Relb/Sys Depnd-G-Regs- EB	30790567	GP RCB-8363RD & HOLLIS ST EMERYVILLE	\$545	\$545	\$545
442	50	5506996	Impr Relb/Sys Depnd-G-Regs- EB	OTHER		\$105	\$178	\$396
443	50	5506996 Total	Impr Relb/Sys Depnd-G-Regs- EB	Total		\$ 1,016	\$ 1,295	\$ 1,623
444	50	5506997	Impr Relb/Sys Depnd-G-Regs- FR	30784975	OC2 RBLD DRD-36, WEBER & FARRINGTON FR	\$306	\$313	\$313
445	50	5506997	Impr Relb/Sys Depnd-G-Regs- FR	30784976	REBLD RL-38, BROWN & VANNESS, FRES	\$400	\$405	\$405
446	50	5506997	Impr Relb/Sys Depnd-G-Regs- FR	OTHER		\$95	\$129	\$130
447	50	5506997 Total	Impr Relb/Sys Depnd-G-Regs- FR	Total		\$ 801	\$ 847	\$ 848
448	50	5506998 Total	Impr Relb/Sys Depnd-G-Regs- KE	Total		\$ 1	\$ 20	\$ 104
449	50	5506999	Impr Relb/Sys Depnd-G-Regs- MI	30742044	RH-18 PANAMA & HESPERIA REG STA.	\$277	\$303	\$328
450	50	5506999	Impr Relb/Sys Depnd-G-Regs- MI	OTHER		\$43	\$78	\$319
451	50	5506999 Total	Impr Relb/Sys Depnd-G-Regs- MI	Total		\$ 234	\$ 381	\$ 647
452	50	5507000 Total	Impr Relb/Sys Depnd-G-Regs- NB	Total		\$ 15	\$ 209	\$ 300
453	50	5507001	Impr Relb/Sys Depnd-G-Regs- SO	30762547	OC4 GGREPLAC REG STA R42/ DEPOTS/	\$ 7	\$201	\$370
454	50	5507001	Impr Relb/Sys Depnd-G-Regs- SO	30785447	OC4 GR-UPGRADR585-BROADWAY & MACARTHUR	\$53	\$12	\$130
455	50	5507001	Impr Relb/Sys Depnd-G-Regs- SO	30803970	12 REPLU25 REG STA / UKIAH	\$45	\$102	\$126
456	50	5507001	Impr Relb/Sys Depnd-G-Regs- SO	OTHER		\$6	\$25	\$35
457	50	5507001 Total	Impr Relb/Sys Depnd-G-Regs- SO	Total		\$ 157	\$ 450	\$ 611
458	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30753589	R6 GDRE BUILD RE DBLUFFDR 103	\$10	\$43	\$97
459	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30754754	OC4 R-003 ORLAND TERTIARY RBLD, WOODWAR	\$31	\$306	\$700
460	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30755085	OC4 ORB-006 MYERS & IDOR ARBLD, OROVILLE	\$102	\$631	\$733
461	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30755086	ORB-0112TH & ORO DAM, OROVILLE	\$125	\$365	\$365
462	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30755087	ORB-38, E. GRIDLE YRD, GRIDLEY	\$39	\$101	\$108
263	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30774574	LHD-S BLCVKLV/DR93 MAPLE LEAF RELOCATE	\$532	\$602	\$602
464	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	30774980	D-S RE BUILD DR-56 WONDRLN DM TNGAT	\$74	\$28	\$28
465	50	5507002	Impr Relb/Sys Depnd-G-Regs- NV	OTHER		\$191	\$626	\$824
466	50	5507002 Total	Impr Relb/Sys Depnd-G-Regs- NV	Total		\$ 1,105	\$ 3,003	\$ 3,882
467	50	5507003	Impr Relb/Sys Depnd-G-Regs- PN	30741812	C45 STANFORD-WELLESLEY TERRTA	\$319	\$335	\$382
468	50	5507003	Impr Relb/Sys Depnd-G-Regs- PN	30741815	OC1A89 CHRISTIAN & RALSTON, BELMONT	\$436	\$458	\$487
469	50	5507003	Impr Relb/Sys Depnd-G-Regs- PN	OTHER		\$123	\$809	\$1,646
470	50	5507003 Total	Impr Relb/Sys Depnd-G-Regs- PN	Total		\$ 879	\$ 1,602	\$ 2,514
471	50	5507004	Impr Relb/Sys Depnd-G-Regs- SA	30714055	OC4 ROSEVILLE BUTTERNUT(A-82) REGRPL	\$23	\$43	\$396
472	50	5507004	Impr Relb/Sys Depnd-G-Regs- SA	30787993	NEW REG STATION- POWERNN & CUCAM	\$586	\$624	\$634
473	50	5507004	Impr Relb/Sys Depnd-G-Regs- SA	OTHER		\$219	\$377	\$642
474	50	5507004 Total	Impr Relb/Sys Depnd-G-Regs- SA	Total		\$ 828	\$ 1,044	\$ 1,672
475	50	5507005	Impr Relb/Sys Depnd-G-Regs- SF	30759576	OC1 GREPL-1 DEWEY LAGUNA HONDA SF	\$126	\$621	\$941
476	50	5507005	Impr Relb/Sys Depnd-G-Regs- SF	OTHER		\$108	\$146	\$376
477	50	5507005 Total	Impr Relb/Sys Depnd-G-Regs- SF	Total		\$ 234	\$ 767	\$ 1,317
478	50	5507006	Impr Relb/Sys Depnd-G-Regs- SI	30789920	REBLD DR MRC-19AS DUAL RUN, WHEATLA	\$227	\$230	\$233
479	50	5507006	Impr Relb/Sys Depnd-G-Regs- SI	30799615	ERE BUILD DR MRC-10, OLIVEHRST	\$ 5	\$ 32	\$ 35
480	50	5507006	Impr Relb/Sys Depnd-G-Regs- SI	OTHER		\$15	\$51	\$174
481	50	5507006 Total	Impr Relb/Sys Depnd-G-Regs- SI	Total		\$ 247	\$ 313	\$ 442
482	50	5507007 Total	Impr Relb/Sys Depnd-G-Regs- SJ	Total		\$ 90	\$ 148	\$ 293
483	50	5507008	Impr Relb/Sys Depnd-G-Regs- ST	30762887	R2L REPL VALVES SHP-24, FRESNO & NAVY	\$393	\$791	\$794
484	50	5507008	Impr Relb/Sys Depnd-G-Regs- ST	OTHER		\$45	\$93	\$235
485	50	5507008 Total	Impr Relb/Sys Depnd-G-Regs- ST	Total		\$ 439	\$ 884	\$ 1,029
486	50	5507009 Total	Impr Relb/Sys Depnd-G-Regs- YO	Total		\$ 0	\$ 7	\$ 7
487	50	5507010 Total	Impr Relb/Sys Depnd-G-Valves- CC	Total		\$ 127	\$ 479	\$ 542
488	50	5507012 Total	Impr Relb/Sys Depnd-G-Valves- DI	Total		\$ 88	\$ 332	\$ 515
489	50	5507013 Total	Impr Relb/Sys Depnd-G-Valves- EB	Total		\$ 123	\$ 339	\$ 1,307
490	50	5507014 Total	Impr Relb/Sys Depnd-G-Valves- FR	Total		\$ 57	\$ 139	\$ 143
491	50	5507015 Total	Impr Relb/Sys Depnd-G-Valves- KE	Total		\$ 28	\$ 56	\$ 122
492	50	5507016 Total	Impr Relb/Sys Depnd-G-Valves- MI	Total		\$ 402	\$ 756	\$ 848
493	50	5507017 Total	Impr Relb/Sys Depnd-G-Valves- NB	Total		\$ 21	\$ 307	\$ 379

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	Project No	Project No Description	Order	Order Description	Actuals 7/1 - 12/31	2011 Total	Order Cost Since Inception
494	50	5507018 Total	Impr Relb/Sys Depnd-G-Valves- SO	Total		\$ 211	\$ 231	\$ 248
495	50	5507019 Total	Impr Relb/Sys Depnd-G-Valves- NV	Total		\$ 79	\$ 227	\$ 364
496	50	5507020 Total	Impr Relb/Sys Depnd-G-Valves- PN	Total		\$ 7	\$ 21	\$ 65
497	50	5507021 Total	Impr Relb/Sys Depnd-G-Valves- SA	Total		\$ 146	\$ 245	\$ 471
498	50	5507022 Total	Impr Relb/Sys Depnd-G-Valves- SF	Total		\$ 89	\$ 489	\$ 569
499	50	5507023 Total	Impr Relb/Sys Depnd-G-Valves- SI	Total		\$ 4	\$ 4	\$ 4
500	50	5507024 Total	Impr Relb/Sys Depnd-G-Valves- SJ	Total		\$ 25	\$ 60	\$ 61
501	50	5507025 Total	Impr Relb/Sys Depnd-G-Valves- ST	Total		\$ 150	\$ 474	\$ 902
502	50	5507026 Total	Impr Relb/Sys Depnd-G-Valves- YO	Total		\$ 112	\$ 401	\$ 698
503	50	5508123 Total	North Coast Service Replacements	Total		\$ 0	\$ 1	\$ 57
504	50	5509084	HB- Impr Rel/Dep G	3084824	GPUGRADEUREKALP SYSTEM PH1	\$ 14	\$ 17	\$ 17
505	50	5509084	HB- Impr Rel/Dep G	OTHER		\$ 9	\$ 122	\$ 123
506	50	5509084 Total	HB - Impr Rel/Dep G	Total		\$ 33	\$ 139	\$ 140
507	50	5509085 Total	HB - Impr Rel/ Dep Gas Svcs	Total		\$ 177	\$ 259	\$ 290
508	50	5509100	HB- Impr Relb/Sys Depnd-G-Regs	30767894	R7RCREBUILDREGULATORSTAR13/ EUREKA	\$ 26	\$ 80	\$ 97
509	50	5509100	HB- Impr Relb/Sys Depnd-G-Regs	OTHER		\$ 35	\$ 292	\$ 936
510	50	5509100 Total	HB - Impr Relb/Sys Depnd-G-Regs	Total		\$ 61	\$ 372	\$ 1,033
511	50	5509101 Total	HB - Impr Relb/Sys Depnd-G-CP Sys	Total		\$ 27	\$ 53	\$ 55
512	50	5509102 Total	HB - Impr Relb/Sys Depnd-G-Valves	Total		\$ 67	\$ 89	\$ 89
513	50	5509103 Total	HB - Impr Relb/Sys Depnd-G-Oth Equip	Total		\$ 4	\$ 4	\$ 4
514	50	5509252 Total	Est - Int Est/DesignDist- SCV MWC 50	Total		\$ -669	\$ -589	\$ -1,079
515	50	5509277 Total	Mapping - Other Mapping- SCV MWC 50	Total		\$ -54	\$ -36	\$ -42
516	50	5510860 Total	MWC 50 SCV Allocation	Total		\$ 181	\$ -206	\$ -171
517	50	5511060	Impr Rel/Dep - G Overbuild-CC	30716113	+P1-GP3710GROSSRD CAPITOLA	\$ 298	\$ 298	\$ 299
518	50	5511060	Impr Rel/Dep - G Overbuild-CC	OTHER		\$ 178	\$ 270	\$ 302
519	50	5511060 Total	Impr Rel/Dep - G Overbuild-CC	Total		\$ 476	\$ 568	\$ 601
520	50	5511061 Total	Impr Rel/Dep - G Overbuild-DA	Total		\$ 81	\$ 82	\$ 82
521	50	5511062 Total	Impr Rel/Dep - G Overbuild-DI	Total		\$ 106	\$ 203	\$ 237
522	50	5511064 Total	Impr Rel/Dep - G Overbuild-FR	Total		\$ -41	\$ 195	\$ 487
523	50	5511065 Total	Impr Rel/Dep - G Overbuild-HB	Total		\$ 2	\$ 4	\$ 10
524	50	5511068 Total	Impr Rel/Dep - G Overbuild-MI	Total		\$ 3	\$ 14	\$ 14
525	50	5511069 Total	Impr Rel/Dep - G Overbuild-NB	Total		\$ 377	\$ 763	\$ 1,137
526	50	5511070 Total	Impr Rel/Dep - G Overbuild-NV	Total		\$ 52	\$ 64	\$ 67
527	50	5511072	Impr Rel/Dep - G Overbuild-SA	30767106	OC4 GPLAKESIDEVILLAGBHP MAIN,FOLSOM	\$ 20	\$ 1,017	\$ 1,185
528	50	5511072	Impr Rel/Dep - G Overbuild-SA	30806912	GPLAKESIDEVILLAGBHP SVC,FOLSOM	\$ 9	\$ 1,362	\$ 1,883
529	50	5511072	Impr Rel/Dep - G Overbuild-SA	OTHER		\$ 25	\$ 17	\$ 69
530	50	5511072 Total	Impr Rel/Dep - G Overbuild-SA	Total		\$ 54	\$ 2,426	\$ 3,136
531	50	5511074 Total	Impr Rel/Dep - G Overbuild-SI	Total		\$ 0	\$ 12	\$ 13
532	50	5511075 Total	Impr Rel/Dep - G Overbuild-SJ	Total		\$ 47	\$ 47	\$ 47
533	50	5511076 Total	Impr Rel/Dep - G Overbuild-SO	Total		\$ 1	\$ 66	\$ 184
534	50	5511077 Total	Impr Rel/Dep - G Overbuild-ST	Total		\$ 58	\$ 311	\$ 362
535	50	5511078 Total	Impr Rel/Dep - G Overbuild-YO	Total		\$ 146	\$ 159	\$ 166
536	50	5710899 Total	Imp Rel/ Dep, Gas Svcs - DA	Total		\$ 1	\$ 34	\$ 46
537	50	5710902 Total	Imp Rel/ Dep, Gas Svcs - FR	Total		\$ 10	\$ 15	\$ 15
538	50	5710909 Total	Imp Rel/ Dep, Gas Svcs - SA	Total		\$ 11	\$ 11	\$ 11
539	50	5712641 Total	Impr Relb/Sys Depnd-G-CP Sys - MI	Total		\$ 0	\$ 1	\$ 15
540	50	5712653 Total	Impr Relb/Sys Depnd-G-Valves- DA	Total		\$ 18	\$ 18	\$ 18
541	50	5737258 Total	MWC 50 SCV Allocation	Total		\$ 0	\$ 0	\$ 0
542	52	5500664 Total	MWC 52 TOTAL	Total	MWC 52 TOTAL	\$ 139	\$ 505	
543	52	5500664 Total	Repl Plant Corr G-CC	Total		\$ -3	\$ 27	\$ 29
544	52	5500665 Total	Repl Plant Corr G-DA	Total		\$ -7	\$ 17	\$ 21
545	52	5500666 Total	Repl Plant Corr G-DI	Total		\$ 0	\$ 6	\$ 5
546	52	5500667 Total	Repl Plant Corr G-EB	Total		\$ 11	\$ 13	\$ 13
547	52	5500670 Total	Repl Plant Corr G-FR	Total		\$ 0	\$ 0	\$ 0
548	52	5500672 Total	Repl Plant Corr G-KE	Total		\$ 0	\$ 0	\$ 0
549	52	5500674 Total	Repl Plant Corr G-MI	Total		\$ 4	\$ 2	\$ 4
550	52	5500675 Total	Repl Plant Corr G-NB	Total		\$ 1	\$ 82	\$ 82
551	52	5500737 Total	Repl Plant Corr G - SO	Total		\$ 0	\$ 0	\$ 0
552	52	5500738 Total	Repl Plant Corr G-NV	Total		\$ 17	\$ 13	\$ 20
553	52	5500739 Total	Repl Plant Corr G-PN	Total		\$ 32	\$ 66	\$ 75
554	52	5500740 Total	Repl Plant Corr G-SA	Total		\$ 35	\$ 39	\$ 58
555	52	5500741 Total	Repl Plant Corr G-SF	Total		\$ 4	\$ 4	\$ 7
556	52	5500742 Total	Repl Plant Corr G-SJ	Total		\$ -4	\$ 48	\$ 71
557	52	5500743 Total	Repl Plant Corr G-SI	Total		\$ 0	\$ 2	\$ 2
558	52	5500744 Total	Repl Plant Corr G-ST	Total		\$ 9	\$ 10	\$ 10
559	52	5500745 Total	Repl Plant Corr G-YO	Total		\$ 2	\$ 4	\$ 4
560	52	5502421 Total	System-wide Gas Emergencies	Total		\$ 0	\$ 0	\$ 0
561	52	5509104 Total	HB - Repl Plant Corr G	Total		\$ 1	\$ 2	\$ 2
562	52	5509320 Total	Emerg Resp-G-Dig-Ins- DA	Total		\$ -3	\$ -3	\$ 0
563	52	5509321 Total	Emerg Resp-G-Dig-Ins- DI	Total		\$ 9	\$ 9	\$ 9

**TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
PROJECTS WITH 2011 EXPENDITURE GREATER THAN \$10,000
AND FORECAST GREATER THAN \$250,000
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	MWC	ProjectNo	ProjectNoDescription	Order	OrderDescription	Actuals 7/1 - 12/31	2011Total	Order Cost Since Inception
564	52	5509324Total	EmergResp-G-Dig-Ins HB	Total		\$ 7	\$ 69	\$ 69
565	52	5509327Total	EmergResp-G-Dig-Ins MI	Total		\$ 5	\$ 5	\$ 5
566	52	5509328Total	EmergResp-G-Dig-Ins NB	Total		\$ 9	\$ 27	\$ 27
567	52	5509329Total	EmergResp-G-Dig-Ins NV	Total		\$ 3	\$ 3	\$ 3
568	52	5509330Total	EmergResp-G-Dig-Ins PN	Total		-\$ 3	\$ 27	\$ 64
569	52	5509331Total	EmergResp-G-Dig-Ins SA	Total		\$ 4	\$ 15	\$ 57
570	52	5509334Total	EmergResp-G-Dig-Ins SJ	Total		\$ 3	\$ 14	\$ 14
571	52	5719398Total	ReplPlant EmerG-SA	Total		\$ 8	\$ 8	\$ 8
572		Grand Total				\$ 123,796	\$ 218,708	

5. O&M Spending by Major Work Category

Request

Amount spent during the reporting period, year-to-date, and annual totals on O&M for safety, integrity and reliability.

Response

Table 5-1 provides a summary, by expense MWC, of the spending on gas distribution pipeline safety, reliability and integrity for the period July 1 through December 31, 2011, and for the full year 2011.

TABLE 5-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF EXPENSE SPENDING ON O&M FOR SAFETY, INTEGRITY AND RELIABILITY
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Actuals 7/1 - 12/31	2011 Total
DE	G Dist Leak Survey	\$ 10,446	\$ 20,115
DF	G&E T&D Locate & Mark	\$ 14,404	\$ 27,227
DG	G Dist Cathodic Protection	\$ 8,880	\$ 13,973
EX	G Dist Meter Protection	\$ 458	\$ 486
FG	G Dist Operate System	\$ 2,050	\$ 4,118
FH	G Dist Preventive Maint	\$ 2,767	\$ 16,866
FI	G Dist Corrective Maint	\$ 18,460	\$ 37,828
GF	G Dist Mapping	\$ 496	\$ 970
GG	G Dist Planning & Ops Engineer	\$ 2,115	\$ 3,005
JS	G Dist Integrity Management	\$ 18,741	\$ 24,699
KF	GT&D Impl Regulatory Change	\$ 2	\$ 323
Gas Distribution Expense		\$ 78,820	\$ 149,609

Note:

The 2011 total includes \$312,000 related to energy usage that was inadvertently omitted from Gas Distribution Pipeline Safety Report No. 2011-01 for the period January 1 through June 30, 2011.

6. Comparison of Settlement Agreement Allocations to Actual Spending Request

Comparison of amounts spent on capital projects and O&M to Settlement Agreement allocation, showing remaining balance or amount spent in excess of allocation.

Response

Table 6-1 repeats the information found in Table 2-1 (Settlement Agreement Allocation), Table 3-1 (Budget), and Table 6-1 (Actuals) and shows the difference between total 2011 spending and the Settlement Agreement allocations for O&M MWCs. Table 6-2 repeats the information found in Table 2-2 (Settlement Agreement Allocation), Table 3-2 (Budget), and Table 4-1 (Actuals) and shows the difference between total 2011 spending and the Settlement Agreement allocations for capital MWCs.

**TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
COMPARISON OF O&M SPENDING TO SETTLEMENT AGREEMENT ALLOCATION
(IN THOUSANDS OF 2011 DOLLARS)**

MWC	MWC Description	Budget	Settlement Agreement Allocation	2011 Total	Variance between 2011 Total and Allocation
DE	G Dist Leak Survey	\$ 18,609	\$ 15,482	\$ 20,115	\$ 4,633
DF	G&E T&D Locate & Mark	\$ 26,978	\$ 29,902	\$ 27,227	\$ (2,675)
DG	G Dist Cathodic Protection	\$ 8,748	\$ 10,757	\$ 13,973	\$ 3,216
EX	G Dist Meter Protection	\$ 199	\$ 1,200	\$ 486	\$ (714)
FG	G Dist Operate System	\$ 3,038	\$ 3,945	\$ 4,118	\$ 173
FH	G Dist Preventive Maint	\$ 19,173	\$ 16,924	\$ 16,866	\$ (58)
FI	G Dist Corrective Maint	\$ 39,550	\$ 35,656	\$ 37,828	\$ 2,173
GF	G Dist Mapping	\$ 934	\$ 1,600	\$ 970	\$ (630)
GG	G Dist Planning & Ops Engineer	\$ 3,070	\$ 3,060	\$ 3,005	\$ (54)
JS	G Dist Integrity Management	\$ 19,500	\$ 19,500	\$ 24,699	\$ 5,199
KF	GT&D Impl Regulatory Change	\$ 367	\$ 0	\$ 323	\$ 323
Gas Distribution Expense		\$ 140,166	\$ 138,025	\$ 149,609	\$ 11,584

TABLE 6-2
PACIFIC GAS AND ELECTRIC COMPANY
COMPARISON OF CAPITAL SPENDING TO SETTLEMENT AGREEMENT ALLOCATION
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget	Settlement Agreement Allocation	2011 Total	Variance between 2011 Total and Allocation
14	G Dist Pipeline Repl Program	\$ 123,707	\$ 123,266	\$ 126,999	\$ 3,733
27	Gas Meter Protection-Capital	\$ 332	\$ 593	\$ 9	\$ (584)
47	G Dist Capacity	\$ 12,000	\$ 12,760	\$ 12,521	\$ (239)
50	G Dist Reliability General	\$ 39,390	\$ 20,660	\$ 58,543	\$ 37,883
52	G Dist Leak Repl/Emergency	\$ 702	\$ 264	\$ 505	\$ 241
2J	GT&D Impl Regulatory Change	\$ 0	\$ 0	\$ 500	\$ 500
2K	G Dist Repl/Convert Cust HPR	\$ 15,000	\$ 0	\$ 19,631	\$ 19,631
Gas Distribution Capital		\$ 191,131	\$ 157,543	\$ 218,708	\$ 61,165

7. Capital Project Status

Request

Identify and describe capital projects and O&M work that has been started and completed during reporting period including completion date and report on the status of work-in-progress.

Response

Table 7-1 includes all O&M MWCs, showing, where applicable, work that is measured in units. Where possible, the table includes unit and dollar amounts for the 2011 PG&E budget, the first reporting period, second reporting period, and the full-year 2011 actuals. The actual units have been updated for both the first reporting and second reporting period to show the most up-to-date and accurate unit counts. The percent of units complete column has been eliminated for this reporting period as YTD actual units and spending reflect the completion of 2011 work.

Table 7-2 identifies the status of capital projects. The construction of a number of projects reflected in Table 7-2 were completed before the reporting period, however, since the project recorded more than \$10,000 in expenditures (i.e., trailing costs and adjustments) during this reporting period, these projects were also included in the table. The projects in Table 7-2 show, as applicable, (i) a planned construction start date, (ii) an actual construction start date for those projects that have started construction, (iii) a forecasted finish construction date and (iv) an actual finished construction date for those projects that are complete.

Capital projects may be in one of five stages of progress: Complete, Documentation, Construction, Pre-Construction, Design and Cancel. Figure 7-1 explains the definition of each status, as well as the number of projects in each status that are addressed in this report.

**FIGURE 7-1
PACIFIC GAS AND ELECTRIC COMPANY
PROJECT STAGE DEFINITION**

Status	Description	Number of Projects
Complete	Projects that do not expect to have any more construction labor charges and have documentation completed.	97
Documentation	Projects that do not anticipate any more construction charges but still require documentation, such as as-builds and job closure documents.	43
Construction	Projects that are currently being constructed.	44
Pre-Construction	Projects that are being evaluated for financial authorization or pending third-party permits.	16
Design	Projects that are currently being engineered or estimated.	4
Cancel	Projects that will be cancelled due to change in job scope.	1
	Total	205

Note:

The cancelled project represents a GPRP project in San Francisco. PG&E still plans to replace the assets; however, the project is being re-designed. Therefore the initial project in SAP was cancelled and will be replaced with a new project.

**TABLE 7-1
PACIFIC GAS AND ELECTRIC COMPANY
GAS DISTRIBUTION O&M PROGRESS BY CATEGORY
(IN THOUSANDS OF 2011 DOLLARS)**

Line No	Work Category	Unit of Measure	2011 Budget		Actuals 1/1 - 6/30		Actuals 7/1 - 12/31		2011 Total	
			Units	Budget	Units	Actual	Units	Actual	Units	Actual
1	Routine Leak Survey	* Services Surveyed	735,000	\$ 10,618	301,137	\$ 5,028	517,826	\$ 7,843	818,963	\$ 12,871
2	Special Leak Survey / Other	Miles Surveyed	1,008	\$ 7,991	729	\$ 4,640	463	\$ 2,604	1,192	\$ 7,244
3	MWC DE Total			\$ 18,609		\$ 9,669		\$ 10,446		\$ 20,115
4	General / Other			\$ 800		\$ 630		\$ 685		\$ 1,315
5	Mark & Locate	USA Tags	503,423	\$ 26,178	290,246	\$ 12,193	276,746	\$ 13,719	566,992	\$ 25,912
6	MWC DF Total			\$ 26,978		\$ 12,823		\$ 14,404		\$ 27,227
7	Cathodic Protection (CP) Monitoring	Pipe-to-Soil Measurements Taken	46,254	\$ 3,372	23,491	\$ 1,863	22,763	\$ 1,749	46,254	\$ 3,612
8	CP Resurveying	CP Areas Resurveyed	391	\$ 829	186	\$ 586	341	\$ 1,288	527	\$ 1,874
9	CP Troubleshooting	CP Areas Diagnosed	2,068	\$ 3,049	1,727	\$ 2,167	1,767	\$ 2,461	3,494	\$ 4,628
10	CP Isolated Services	Isolated Services Evaluated	13,469	\$ 898	344	\$ 19	76,478	\$ 3,275	76,822	\$ 3,294
11	CP Field Support			\$ 600		\$ 457		\$ 108		\$ 565
12	MWC DG Total			\$ 8,748		\$ 5,092		\$ 8,880		\$ 13,973
13	Meter Protection - Posts	Meter Sites	98	\$ 199	31	\$ 27	46	\$ 449	77	\$ 476
14	Meter Protection - Valves	Meter Sites	0	\$ 0	0	\$ 1	8	\$ 8	8	\$ 9
15	MWC EX Total			\$ 199		\$ 28		\$ 458		\$ 486
16	General			\$ 345		\$ 135		\$ 113		\$ 248
17	Gas System Monitoring (Pressure Charts)	Number of Operations	24,722	\$ 2,142	14,286	\$ 1,307	12,376	\$ 1,420	26,662	\$ 2,728
18	Gas System Operations (Winter Ops)	Number of Operations	1,798	\$ 551	1,020	\$ 314	929	\$ 270	1,949	\$ 585
19	Other					\$ 312		\$ 246		\$ 558
20	MWC FG Total			\$ 3,038		\$ 2,068		\$ 2,050		\$ 4,118
21	General			\$ 757		\$ 408		\$ 531		\$ 939
22	Regulator Station Maintenance	Regulator Station Runs Maintained	3,687	\$ 4,846	1,794	\$ 2,920	1,980	\$ 3,143	3,774	\$ 6,063
23	Misc. Maintenance of Mains	Feet of Main Maintained	5,400	\$ 949	1,049	\$ 667	1,277	\$ 743	2,326	\$ 1,410
24	Misc. Maintenance of Services	No. of Services Maintained	2,483	\$ 1,648	838	\$ 1,352	810	\$ 1,615	1,648	\$ 2,967
25	Distribution Valve Maintenance	Distribution Valves Maintained	5,933	\$ 1,339	3,410	\$ 670	2,607	\$ 571	6,017	\$ 1,241
26	Service Valve Replacements	Service Valves Replaced	7,505	\$ 1,859	4,755	\$ 919	4,126	\$ 923	8,881	\$ 1,842
27	Atmospheric Corrosion Inspections/Repairs	** Above Ground Locations Inspected	3,352,781	\$ 7,775	564	\$ 6,690	1,203	\$ (5,222)	1,767	\$ 1,468
28	Non-Recurring Project (Safety Enhancements)		n/a	\$ 0	n/a	\$ 472	n/a	\$ 455	n/a	\$ 927
29	MWC FH Total			\$ 19,173		\$ 14,098		\$ 2,767		\$ 16,866

TABLE 7-1
PACIFIC GAS AND ELECTRIC COMPANY
GAS DISTRIBUTION O&M PROGRESS BY CATEGORY
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)

Line No	Work Category	Unit of Measure	2011 Budget		Actuals 1/1 - 6/30		Actuals 7/1 - 12/31		2011 Total	
			Units	Budget	Units	Actual	Units	Actual	Units	Actual
30	Main Leak Repairs	Leaks Repaired	1,816	\$ 10,822	1,186	\$ 6,288	963	\$ 5,365	2,149	\$ 11,653
31	Service Leak Repairs	Leaks Repaired	15,414	\$ 22,863	6,435	\$ 9,040	4,856	\$ 8,677	11,291	\$ 17,716
32	Main Dig-in Repairs	Dig-In Leaks Repaired	216	\$ 241	17	\$ (185)	46	\$ 236	63	\$ 51
33	Service Dig-in Repairs	Dig-In Leaks Repaired	990	\$ 590	248	\$ 125	305	\$ (356)	553	\$ (231)
34	Cathodic Protection Restoration	Corrosion Work Tags Completed	1,329	\$ 2,356	826	\$ 1,320	772	\$ 1,485	1,598	\$ 2,806
35	Regulator Station Repairs	Regulator Station Repairs	1,079	\$ 1,977	696	\$ 1,298	665	\$ 1,841	1,361	\$ 3,139
36	Valve Repair	Valves Repaired	331	\$ 700	152	\$ 433	118	\$ 315	270	\$ 748
37	Gas Overbuilds				36	\$ 683	12	\$ 632	48	\$ 1,315
38	Gas Corr Maint Projects - Other					\$ 366		\$ 265		\$ 630
39	MWC FI Total			\$ 39,550		\$ 19,368		\$ 18,460		\$ 37,828
40	Gas Mapping			\$ 934		\$ 474		\$ 496		\$ 970
41	MWC GF Total			\$ 934		\$ 474		\$ 496		\$ 970
42	General		n/a	\$ 225	n/a	\$ 0	n/a	\$ 0	n/a	\$ 0
43	Gas Planning		n/a	\$ 2,845	n/a	\$ 890	n/a	\$ 2,115	n/a	\$ 3,005
44	MWC GG Total			\$ 3,070		\$ 890		\$ 2,115		\$ 3,005
45	AC Meter Inspections		3,352,781		3,442,129	\$ 0	\$ 0	\$ 8,186	3,442,129	\$ 8,186
46	DIMP Related Activities			\$ 19,500		\$ 5,957		\$ 10,555		\$ 16,512
47	MWC JS Total			\$ 19,500		\$ 5,957		\$ 18,741		\$ 24,699
48	GT&D Impl Regulatory Change			\$ 367		\$ 321		\$ 2		\$ 323
49	MWC KF Total			\$ 367		\$ 321		\$ 2		\$ 323

Notes:

1. In the 2011 GRC Exhibit (PG&E-3) Chapters 17 and 18, MWC DE routine survey forecasted units by using miles surveyed. The GRC forecast units have been converted to number of services. Since the current unit tracking for distribution survey is captured by number of services, subsequent reports will use services for routine survey units.
2. MWC FH originally included Atmospheric Corrosion inspection and correction on meters. An improved process was implemented, and this work is now being accounted for under MWC JS (DIMP). Thus, \$5.8 million of Atmospheric Corrosion Inspections and Repairs moved from MWC FH to MWC JS during the July 1 to December 31, 2011 reporting period. The units for AC Meter Inspections have also been moved from MWC FH to MWC JS to correspond with the dollar adjustment.
3. MWC GG consists of costs associated with the Gas Distribution Planning Engineers. An accounting error occurred within the first reporting period that was reversed in the second half of the year.
4. MWC FI - Gas Overbuilds was moved to MWC FI from MWC EW (New Business and Work Requested by Others) during the second reporting period of 2011.

**TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
STATUS OF CAPITAL PROJECTS**

Line No	Project Status	Order Number	Project Name	Planned Construction Start Date	Actual Construction Start	Actual Construction Finish Date	Forecasted Construction Finish Date
1	Complete	30820811	OC1 MAIN REINFORC - STONE VLLY RD., ALAM	5/2/11	3/4/11	7/26/11	5/31/11
2	Complete	30813057	OC4 G RM REPL MAIN, ORANGE AVE, NOVATO	5/2/11	12/7/10	9/15/11	6/30/11
3	Complete	30784975	OC2 RBLD DR D-36, WEBER & FARRINGTON, FR	6/27/11	3/4/11	12/15/11	7/27/11
4	Complete	30712896	GP 7TH ST & HENSLEY, RICHMOND	12/27/10	12/3/09	11/1/11	12/31/10
5	Complete	30692911	OC1 G REBUILD CORNWALL DR STN, PITTSBUR	7/26/10	5/28/10	1/31/11	9/17/10
6	Complete	30714055	OC4 ROSEVILLE & BUTTERNUT (A-62) REG RPL	9/27/10	7/17/09	6/27/11	12/13/10
7	Complete	30783042	BOW DR. & CRESTVIEWDR.	5/13/11	3/29/11	12/14/11	11/15/11
8	Complete	30798844	OC4 INST. 1050' OF 6" PL, ELM ST, LIVE	4/4/11	5/9/11	10/20/11	8/26/11
9	Complete	30740781	OC4 VACA VLY & SHELTER COVE - INSTL R	11/22/10	3/22/10	2/14/11	1/14/11
10	Complete	30616134	OC1 G BERKELEY GPRP - PH 1: ASHBY UPRATE	8/9/10	8/9/10	2/10/11	12/31/10
11	Complete	30810379	OC1 STONERIDGE DR PLEASANTON	8/15/11	9/15/11	11/1/11	9/30/11
12	Complete	30759576	OC1 G REPL R-11 DEWEY & LAGUNA HONDA, SF	10/4/10	4/1/10	5/13/11	12/31/10
13	Complete	30742428	OC4 INST 1700FT 6-IN PL, BRUCE RD, CHICO	11/29/10	11/17/10	6/17/11	2/25/11
14	Complete	30810188	OC4 REBLD DR MRC-12, 1ST & E ST, WHEAL	6/7/11	10/21/10	12/27/11	9/30/11
15	Complete	30848181	OC4 GP REPL 2300' MN, 1500 KIRK, GRIDLE	8/8/11	8/8/11	12/14/11	08/12/11
16	Complete	30797133	OC4 G CAP_REG 118 REBUILD_YOUNTVILLE	4/1/11	8/9/11	11/28/11	11/4/11
17	Complete	30797736	LOCUST, LEE TO SACRAMENTO, LODI	3/21/11	4/15/10	12/22/11	4/15/11
18	Complete	30747707	OC1 DUBLIN BLVD DUBLIN INSTALL 4100 FT O	9/7/10	11/2/10	3/18/11	1/31/11
19	Complete	30786843	OC1 RH-06-INSTALL DR.ST. VERMONT & "B" S	9/13/10	9/21/10	3/11/11	12/31/10
20	Complete	30789549	OC1 BYRON MAIN EXTENSION - BIXLER RD BYR	4/11/11	1/3/11	5/12/11	5/13/11
21	Complete	30675123	OC2 G 1,270-FT 4"PL:GREATAMERICA PKWY,SC	8/10/10	12/1/10	1/10/11	1/6/11
22	Complete	30783043	OC1 CORDILLERAS REDWOOD CITY	12/15/10	8/11/10	2/17/11	1/31/11
23	Complete	30751625	OC4 GP RM REPL HWY CROSSING, MAGAZINE ST	9/1/10	7/26/10	12/3/10	10/31/10
24	Complete	30850389	AVE D & TWO RIVERS	9/5/11	9/10/11	10/25/11	12/30/11
25	Complete	30844564	OC2 GP HPR SNEDIGAR RD, RIVERBANK	8/22/11	7/1/11	12/30/11	11/18/11
26	Complete	30817657	OC2 G ABNDN HPR STN DIANA AVE & LOTUS MH	7/1/11	8/1/11	9/19/11	10/31/11
27	Complete	30676310	OC1 TOWER ROAD HPR TO DRS	10/20/10	7/28/09	7/5/11	12/31/10
28	Complete	30676390	OC1 SHOREWAY DR BELMONT	2/18/11	7/28/09	11/5/11	9/30/11
29	Complete	30756701	9TH & LINCOLN, STOCKTON	11/18/10	11/17/10	3/30/11	3/18/11
30	Complete	30762547	OC4 G GREPLACE REG STA R42 / DEPOT ST /	11/1/10	4/15/10	10/26/11	1/15/11
31	Complete	30790051	OC2 HARDING WY, SAN JUAN AVE TO ABBY CT	9/26/11	9/26/11	11/16/11	12/7/11
32	Complete	30827211	OC4 GP RM BUHMAN & TWIN OAKS, NAPA	2/14/11	1/8/11	9/27/11	7/15/11
33	Complete	30761621	OC1 GREPL 6"STLHP TUNNEL AVE SF/BRISBANE	8/16/10	8/25/10	4/22/11	12/24/10
34	Complete	30758821	OC1 INSTLL 400" PL AND ABANDON DR STN 2	3/7/11	10/7/10	5/31/11	5/13/11
35	Complete	30766290	OC2 2010 INST ANODES (15) FRESNO DIVISN	12/9/10	5/12/10	4/27/11	3/1/11
36	Complete	30767106	OC4 GP LAKESIDE VILLAGE MHP MAIN, FOLSO	1/3/11	6/1/10	9/7/11	6/30/11
37	Complete	30805155	GP 214 E OLIVE AVE FRESNO	10/15/10	9/24/10	10/26/11	12/3/10
38	Complete	30755040	GRANTLINE & L-2	8/2/10	3/26/10	10/6/10	10/2/10
39	Complete	30759573	OC1 GREPL MAIN CASITAS & CRESTA VISTA,	1/3/11	6/2/10	6/30/11	7/1/11
40	Complete	30787989	OC1 INST DUAL DR. STATION OSGOOD RD. FRE	8/23/10	10/19/10	8/31/11	2/11/11
41	Complete	30813051	OC4 GP REPL MAIN BRIDGEWY BRDWLK SAUSALT	8/8/11	1/25/11	12/21/11	8/31/11
42	Complete	30806816	OC1 R4E G GPRP SAN BRUNO, SF	12/1/10	12/1/10	9/22/11	9/17/11
43	Complete	30808260	OC1 G GPRP BAYVIEW 3, SAN FRANCISCO	1/3/11	1/3/11	7/19/11	12/22/11
44	Complete	30808157	OC1 G GPRP SOUTH VALENCIA 5, SAN FRANCIS	1/3/11	12/29/10	1/5/12	12/29/11
45	Complete	30808096	OC1 G GPRP SUNSET 3, SF	1/3/11	1/3/11	9/22/11	12/30/11
46	Complete	30807977	OC1 G GPRP OCEANVIEW, SAN FRANCISCO	1/3/11	1/20/11	9/15/11	12/22/11
47	Complete	30807861	OC1 GPRP CAPITOL 3, SAN FRANCISCO	10/25/10	11/17/10	8/18/11	4/9/12
48	Complete	30814275	OC1 R2L GP WINDSOR, ALAMEDA GPRP	7/5/10	6/2/11	10/25/11	11/10/11
49	Complete	30806817	OC1 GPRP MISSION DISTRICT3, SAN FRANCO	12/17/10	12/16/10	10/24/11	8/12/11
50	Complete	30835636	OC4 GD GPRP FIRST ST WEST, SONOMA	4/4/11	4/4/11	5/23/11	5/18/12
51	Complete	30806814	OC1 G GPRP OXFORD, SF	12/10/10	11/17/10	9/15/11	12/22/11
52	Complete	30806806	OC1 M027972GPRP OUTER MISSION 2	1/3/11	11/22/10	9/23/11	9/30/11
53	Complete	30804481	OC1 GPRP 25TH ST SPOT MAIN, SAN FRAN	1/25/11	2/22/11	5/10/11	4/15/11
54	Complete	30792458	OC2 GP WEST MODESTO GPRP - PHASE 1	7/18/11	7/14/11	12/27/11	1/4/11
55	Complete	30821410	OC1 G GPRP JOOST, SF	6/24/11	7/5/11	1/5/12	3/27/12
56	Complete	30807801	OC1 G GPRP SUNSET 2, SF	1/3/11	1/3/11	6/9/11	12/30/11
57	Complete	30829620	OC1 M GPRP - CONGO 1 - SF	6/15/10	6/3/11	1/17/12	12/23/11
58	Complete	30821199	OC1 G GPRP OLMSTEAD, SF	7/12/11	7/11/11	12/15/11	12/30/11
59	Complete	30815779	OC1 G GPRP HOLLYPARK 1 (100 APPLETON AVE	1/3/11	12/10/10	7/11/11	3/31/11
60	Complete	30808590	OC1 GPRP MISSION DISTRICT4, SAN FRAN	2/22/11	4/18/11	1/4/12	10/14/11
61	Complete	30808261	OC1 5R4E G GPRP 18TH ST, SAN FRANCISCO	1/3/11	2/11/11	1/3/12	12/22/11
62	Complete	30821601	OC1 R1 E G GPRP BERNAL HEIGHTS, SF	6/6/11	6/9/11	12/6/11	1/12/12
63	Complete	30796765	OC1 HOOVER GPRP (2011 CRITICAL PROJECT)	7/18/11	6/7/11	12/19/11	12/14/11
64	Complete	30757861	R2 INST 17000 FT OF 8" PL MAIN FRESNO	6/28/10	6/28/10	1/10/11	1/6/11

**TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
STATUS OF CAPITAL PROJECTS
(CONTINUED)**

Line No	Project Status	Order Number	Project Name	Planned Construction Start Date	Actual Construction Start	Actual Construction Finish Date	Forecasted Construction Finish Date
65	Complete	30835701	OC4 GPRP GROVE HILL AVE, SAN ANSELMO	8/1/11	7/25/11	10/11/11	10/28/11
66	Complete	30649246	OC1 GPRP BALBOA TERRACE, SAN FRANCISCO	5/28/10	11/17/09	12/9/10	12/31/10
67	Complete	30801105	OC2 G HAROLD AVE GPRP, SJ	7/5/11	9/21/10	10/31/11	8/22/11
68	Complete	30807391	HUNTINGTON & 5TH 2011 GPRP FRESNO	12/13/10	12/11/10	8/17/11	11/11/11
69	Complete	30829626	OC1 E G GPRP OCEAN AND PLYMOUTH, SF	3/10/11	3/14/11	5/9/11	8/26/11
70	Complete	30674899	OC1 G GPRP SAINT FRANCIS 4, SF	7/1/10	4/27/10	3/10/11	12/31/10
71	Complete	30826696	OC4 GD GPRP WEST AND VARIOUS, PETALUMA	10/10/11	4/27/11	12/27/11	12/29/11
72	Complete	30668852	GPRP:LOCUST&WASHINGTON, LODI PHAS	12/6/10	12/28/09	12/9/11	5/13/11
73	Complete	30674922	OC1 G GPRP GEARY 4 SAN FRANCISCO	5/10/10	5/14/10	3/1/11	7/18/11
74	Complete	30736194	OC1 GPRP REDWOOD CITY	9/1/10	2/5/10	5/16/11	05/13/11
75	Complete	30753677	OC1 G GPRP BAYVIEW 2 SAN FRANCISCO	7/1/10	7/14/10	1/12/11	01/31/11
76	Complete	30754768	OC1 G GPRP STAPLES SAN FRANCISCO	7/19/10	7/21/10	1/14/11	12/14/10
77	Complete	30754774	OC1 G GPRP HOLLY PARK 1 SF	8/2/10	8/5/10	1/31/11	03/31/11
78	Complete	30737244	OC4 GPRP SANTA MARGARITA, SAN RAFAEL	9/1/10	8/17/10	10/29/10	10/29/10
79	Complete	30737291	OC4 GPRP I STREET PETALUMA	6/15/10	2/27/10	2/11/11	10/30/10
80	Complete	30741372	OC2 GPRP THIRD STREET OAKDALE PHASE 2	8/2/10	7/29/10	12/20/10	10/29/10
81	Complete	30822326	OC1 E GPRP WOOD, SF	12/13/10	9/20/11	1/27/12	02/02/12
82	Complete	30809059	OC2 INSTALL(10)DEEPWELLS KERN-VARS LOC	8/15/2011	10/4/2011	1/27/2012	9/30/2011
83	Complete	30757362	OC1 G DR STATION CARION CT PITTSBURG	11/1/10	9/9/10	1/10/11	11/26/10
84	Complete	30760327	OC1 REPL 700' OF 2" WITH 2"PL ESPL. PAC	9/13/10	9/7/10	11/17/10	11/12/10
85	Complete	30616130	OC4 GP PRP ELIZABETH @ MASON, VACAVILLE	9/1/10	9/13/10	1/26/11	12/31/10
86	Complete	30742231	OC2 MERCED PHASE 3 RELIABILITY	11/8/10	2/22/10	9/15/11	6/10/11
87	Complete	30793853	OC2 REPL. MAIN HEIGHT & BERKELEY ST.BAK.	11/1/10	10/22/10	3/24/11	12/31/10
88	Complete	30680560	G S 12TH & S 13TH ST, SAN JOSE GPRP	7/1/09	4/2/09	3/8/10	1/1/10
89	Complete	30616128	OC4 G PRP DOBBINS @ KENDAL, VACAVILLE	7/26/10	7/26/10	12/3/10	10/15/10
90	Complete	30784111	OC2 CAPACITY INCREASE HARLAN RNCH CLOVIS	9/1/2010	8/12/2010	3/17/2011	11/16/2010
91	Complete	30762994	OC4 GD CAPACITY CENTRAL AVE MCKINLEYVIL	10/5/2010	9/3/2010	10/28/2010	11/30/2010
92	Complete	30749119	GPCAPACITY:6"HP PARALLEL MAIN MODESTO	7/2/2010	7/8/2010	11/1/2010	11/1/2010
93	Complete	30477107	INST 900' 8"STL INDUSTRIAL WY, BENICIA	2/7/2006	2/7/2006	12/3/2008	1/11/2007
94	Complete	30750011	OC2 WEST FRESNO GPRP 2010	6/30/2010	3/2/2010	11/15/2011	12/30/2010
95	Complete	30857635	G REPL MAIN - SOUTH VALENCIA 5, SF	6/16/2011	12/31/2012	1/5/12	12/29/2011
96	Complete	30864808	G GPRP JOOST MWC 50 WORK, SF	7/22/11	12/31/12	1/5/12	12/30/11
97	Complete	30864810	G GPRP BERNAL HEIGHTS MWC 50 WORK, SF	7/22/2011	12/31/2012	12/6/11	12/30/2011
98	Documentation	30806568	OC1 GP ZINNDR, OAKLAND MAIN REPLACEMENT	9/26/11	9/21/11	12/14/11	11/18/11
99	Documentation	30810993	OC4 RPLMAIN-DUTCH LN & BRAND LN, PENNGRO	10/3/11	5/18/11	1/17/11	11/23/11
100	Documentation	30812259	REBUILD MARSHALL DRIVE DR STATION	6/13/11	2/8/11	11/20/11	8/19/11
101	Documentation	30808140	OC1 G GPRP PERSIA, SAN FRANCISCO	1/3/11	1/10/11	1/20/12	12/16/11
102	Documentation	30812536	OC1 REDWOOD CITY GPRP 2 (2011 CRITICAL	5/23/11	4/12/11	1/21/12	12/29/11
103	Documentation	30822277	GPRP CORBETT, SAN FRANCISCO	8/22/11	8/19/11	12/27/11	12/22/11
104	Documentation	30847079	R6 HPR-AC 11000' 6" PL MAIN, HEGAN,CHICO	9/5/2011	7/7/2011	1/17/2012	12/30/2011
105	Documentation	30755086	ORB-01 12TH & ORO DAM, OROVILLE	8/1/11	8/19/10	10/17/11	09/30/11
106	Documentation	30850391	TURNER & DE VRIES	10/31/2011	11/3/2011	1/23/2012	12/30/2011
107	Documentation	30757351	OC1 G REBUILD DR STA CRESCENT DR CONC	9/7/2010	7/22/2010	11/17/2011	11/1/2010
108	Documentation	30843654	DE VRIES S/O KINGDON	8/6/2011	7/30/2011	12/6/2011	12/30/2011
109	Documentation	30847284	GRANTLINE W/O BANTA	10/31/2011	10/17/2011	12/6/2011	11/18/2011
110	Documentation	30847039	ORCHARD E/O DUSTIN LODI	10/5/11	9/26/11	1/5/12	12/30/11
111	Documentation	30840277	CONVERT JAHANT RD DFM TO DISTRIBUTION	9/12/2011	6/4/2011	1/25/2012	12/30/2011
112	Documentation	30758392	A-03 ALMA & OREGON SILLER FILTER	7/12/10	8/4/10	12/15/11	08/19/11
113	Documentation	30851959	GP DOWNRATE MN HALL RD, ESCALON 31 HPR	10/24/11	10/28/11	1/20/12	01/06/12
114	Documentation	30851916	GP INST MN PAULINE AVENUE MODESTO	8/29/11	8/20/11	11/14/11	10/28/11
115	Documentation	30845563	HWY 99 & ARCHER AV REPL 6 HPR W/2"PL	9/5/11	11/9/11	1/18/12	12/31/11
116	Documentation	30804511	REPL LP GPRP 14TH & H, MARYSVILLE	4/4/11	2/22/11	1/3/12	12/30/11
117	Documentation	30760406	FRENCH BAR, HWY 49 TO PERRY, JACKSON	7/11/11	10/12/10	10/24/11	09/09/11
118	Documentation	30784976	REBLD DR L-38, BROWN & VAN NESS, FRES	9/1/11	8/10/11	12/8/11	10/31/11
119	Documentation	30822379	G ST. BTWN 24TH & 29TH ST. REPL 1 90	10/3/11	5/2/11	12/28/11	12/30/11
120	Documentation	30826697	GD REBUILD DR#733, LAWNSDALE, KENWOOD *GC	8/8/11	5/2/11	1/13/12	11/10/11
121	Documentation	30795318	RED BLUFF LP CAPACITY	7/5/11	8/26/11	1/5/12	10/30/11
122	Documentation	30758394	A-10 JUNIPERO & ARASTRADERO BLOCK VALVE	12/6/10	11/15/10	11/16/11	01/26/11
123	Documentation	30795703	RED BLUFF GPRP CEDAR & JACKSON	7/11/11	7/11/11	11/10/11	10/14/11
124	Documentation	30741815	OC1 A89 CHRISTIAN & RALSTON, BELMONT	6/27/2011	2/12/2010	1/14/2012	12/31/2011
125	Documentation	30805685	GPRP - 32ND ST. @ 12TH TO 14TH AVE,	4/1/11	2/8/11	12/15/11	12/30/11
126	Documentation	30806906	GPRP - 19TH & FRANKLIN BLVD, SAC	6/1/2011	10/10/2011	1/3/2012	12/20/2011
127	Documentation	30807430	HUNTINGTON & 8TH GPRP 2011 FRESNO	6/1/2011	4/13/2011	12/22/2011	11/25/2011
128	Documentation	30808712	HUNTINGTON & TULARE 2011 GPRP FRESNO	7/1/2011	3/3/2011	1/18/2012	9/18/2011
129	Documentation	30810294	BERKELEY GPRP - PHASE 2: PRINCE/TELEG	3/28/2011	11/19/2010	10/24/2011	10/21/2011

**TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
STATUS OF CAPITAL PROJECTS
(CONTINUED)**

Line No	Project Status	Order Number	Project Name	Planned Construction Start Date	Actual Construction Start	Actual Construction Finish Date	Forecasted Construction Finish Date
130	Documentation	30835973	INSTALL NEW DIST REG AIRPORT/ RANCH	8/1/11	10/17/11	1/18/12	12/30/11
131	Documentation	30762887	R2L REPL VALVES STHP-24, FRESNO & NAVY	5/16/2011	10/14/2010	8/17/2011	7/29/2011
132	Documentation	30785447	OC4 GR-UPGRADE R585-BROADWAY&MACARTHUR,S	3/1/12	6/23/11	1/18/12	03/31/12
133	Documentation	30798920	REBLD DR MRC-13 AS DUAL RUN, WHEATLA	8/19/2011	3/10/2011	1/9/2012	12/31/2011
134	Documentation	30806913	GP LAKES SIDE VILLAGE MHP SVCS FOLSOM	11/15/2010	12/6/2010	6/16/2011	6/30/2011
135	Documentation	30823128	GD RELI-MS NARROWS B2 (KASTANIA),PETA	8/15/2011	10/24/2011	1/11/2012	12/29/2011
136	Documentation	30846074	GP HAZEL AVE BETW. GREENBACK & FORTUNA	5/16/2011	4/29/2011	8/24/2011	5/20/2011
137	Documentation	30879874	CIRBY WAY EAST OF RIVERSIDE, ROSEVILLE	9/12/2011	9/27/2011	11/4/2011	11/3/2011
138	Documentation	30774980	D-S REBUILD DR-56 WONDERLND, MTN GAT	5/23/2011	5/17/2011	9/22/2011	6/17/2011
139	Documentation	30679552	OC4 G RM SHORT ST., VALLEJO	9/1/2010	10/20/2011	1/10/2012	10/28/2011
140	Documentation	30716113	P1-GP 3710 GROSS RD CAPITOLA	8/1/11	7/25/11	9/6/11	08/05/11
141	Construction	30833648	OC1 DOLORES MFRP, SF	9/12/11	3/7/11	1/23/12	12/30/11
142	Construction	30746089	PH 1 BERRYESSA RD SAN JOSE GPRP--2010	11/22/10	12/21/09	3/28/11	3/21/11
143	Construction	30755085	OC4 ORB-006 MYERS & IDORA RBLD, OROVILLE	2/8/2010	2/8/2010		7/20/2011
144	Construction	30873243	RPLC 900' 4"STL W / 6" PL SANTA RITA RD.	10/31/2011	10/31/2011		10/8/2012
145	Construction	30814788	MODESTO RELIABILITY PHASE 1 - MODESTO	4/25/2011	4/27/2011		5/31/2012
146	Construction	30803970	12 REPL U25 REG STA / UKIAH	2/1/2012	4/8/2011		3/29/2012
147	Construction	30790567	GP RCB-83 63RD & HOLLIS ST EMERYVILLE	10/4/2011	8/2/2011		11/18/2011
148	Construction	30787993	NEW REG STATION - POWER INN & CUCAM	8/1/2011	12/6/2010		11/16/2011
149	Construction	30742044	RH-18, PANAMA & HESPERIAN REG. STA.	1/31/2011	2/2/2010		10/20/2011
150	Construction	30741812	C45 STANFORD-WELLESLEY FILTER, RTA	9/1/2011	2/12/2010		12/2/2011
151	Construction	30754754	OC4 R-003 ORLAND TERTIARY RBLD, WOODWAR	11/1/2010	9/2/2010		1/28/2011
152	Construction	30679554	G RM PACIFIC AVE., SANTA ROSA	2/1/2012	12/16/2011		3/30/2012
153	Construction	30767694	R7 RC REBUILD REGULATOR STA R13 / EUREKA	8/1/2012	11/10/2010		8/31/2012
154	Construction	30774574	LH D-S BLCKVLV, DR93 MAPLELEAF RELOCATE	5/2/2011	6/10/2011		10/7/2011
155	Construction	30790056	R2 EMERSON AVE, TRACY AVE. TO WALL AVE.	7/2/2012	3/31/2011		10/12/2012
156	Construction	30840378	RBUILD REG STN RC-03:CYN RD@SUNSET, LB	1/9/2012	1/9/2012		3/9/2012
157	Construction	30714400	R1 GP CARLSON & ADAMS ALBANY REPLACE REG	10/25/2010	5/4/2010		10/29/2010
158	Construction	30852023	GP INST MN SANTA FE CENTRAL AV RVB 21	9/6/2011	8/11/2011		1/6/2012
159	Construction	30822273	E G GPRP CROWN TERRACE, SAN FRANCIS	11/1/2011	11/29/2011		3/30/2012
160	Construction	30676477	INSTALL DRS JUNIPERO SERRA STANFORD.	10/1/2011	9/4/2009		12/30/2011
161	Construction	30823194	OC1 M GPRP CRESCENT 3, SAN FRANCISCO	2/14/2011	4/26/2011		10/21/2011
162	Construction	30811006	G INST 1400' 4" PL, MNTGUE, BSSET, SC	10/3/2011	1/12/2012		3/22/2012
163	Construction	30829811	GPRP OUTER MISSION 3	11/1/2011	11/21/2011		4/30/2012
164	Construction	30829813	G GPRP MONTEREY 5, SAN FRANCISCO	9/26/2011	8/27/2011		1/31/2012
165	Construction	30843241	GPRP KING AVE, NAPA	10/10/2011	4/22/2011		1/16/2012
166	Construction	30822328	E G GRPR HOLLY PARK 2	7/18/2011	9/2/2011		6/29/2012
167	Construction	30850390	E TURNER & RAY	11/21/2011	12/8/2011		2/16/2012
168	Construction	30847285	GRANTLINE E/O MAC ARTHUR	9/5/2011	10/20/2011		12/31/2011
169	Construction	30852116	HPR PROJECT- SAN JUAN ROAD, AROMAS	10/3/2011	10/27/2011		1/17/2012
170	Construction	30848926	HPR PROJECT: ARCHER ROAD, SALINAS	9/26/2011	7/27/2011		12/9/2011
171	Construction	30877576	R* NORTHPOINT ALDYL-A REPL PHASE 1	9/23/2011	11/7/2011		3/31/2012
172	Construction	30524499	GP CITY OF SC PHASE 3 GPRP-THEALAMED	1/7/2008	9/26/2006		11/6/2009
173	Construction	30833652	GPRP - SPOT MAIN - BEALE ST., SF	8/22/2011	5/24/2011		12/29/2011
174	Construction	30784477	CSM CAPACITY - INSTALL 850' OF 6" PL	8/15/2011	8/18/2011		9/15/2011
175	Construction	30820278	G GPRP BALBOA PARK 4, SF	4/12/2011	4/27/2011		12/30/2011
176	Construction	30813671	REBUILD VICTORY DR STATION	6/6/2011	4/28/2011		10/28/2011
177	Construction	30811188	4,200FT 6" PL MAIN INST. VALLEY AV.PL	9/1/2011	12/12/2011		2/2/2012
178	Construction	30749118	GPCAPACITY:6"HP PARALLEL MAIN OAKDALE	4/4/2011	9/26/2011		11/9/2011
179	Construction	30865606	E 3RD AVE 6" MAIN INSTALL	9/12/11	10/6/11		10/31/11
180	Construction	30852089	GP INST MN EAST WHITMOREHUGHSON	9/6/11	9/2/11		01/13/12
181	Construction	30852028	GP INST MN GEER RD,TURLOCK, 25 HP	10/10/11	10/12/11		01/19/12
182	Construction	30753678	G PARK AVENUE GPRP--SAN JOSE	10/25/2010	12/9/2010		12/3/2010
183	Construction	30801106	G COTTLE & CAMINO PBL0 GPRP, SJ	9/9/2011	9/21/2010		1/25/2012
184	Construction	30842346	G HPR REPLMNT-DIANAAVE E/O 101 MH-6"PL	7/25/11	5/19/11		12/30/11
185	Pre-construction	30753589	R6 GD REBUILD RED BLUFF DR 103	11/1/2011	1/24/2012		3/31/2012
186	Pre-construction	30877577	R1 NORTHPOINT ALDYL-A REPL PHASE 2	11/28/2011	12/31/2012		6/29/2012
187	Pre-construction	30827449	R4E GPRP OLIVE BTWN HICKORY & L ST, DAV	5/1/2012	12/31/2012		7/31/2012
188	Pre-construction	30835514	GPRP MIRABEL & RAINBOW, MILL VALLEY	7/2/2012	12/31/2012		8/31/2012
189	Pre-construction	30835386	R4 GPRP RICE LN & EAST WARD, LARKSPUR	3/1/2012	4/5/2011		4/2/2012
190	Pre-construction	30790929	MCALLEN FROM WILSON TO HOLMAN	8/29/2011	1/3/2011		6/29/2012
191	Pre-construction	30826505	G REBUILD RHEEM DR STATION, MORAGA	2/6/2012	3/3/2011		3/30/2012
192	Pre-construction	30755087	ORB-38, E. GRIDLEY RD, GRIDLEY	5/30/2011	5/24/2011		5/25/2012
193	Pre-construction	30799615	R4 E REBUILD DR MRC-10, OLIVEHRST	4/16/2012	3/4/2011		6/29/2012
194	Pre-construction	30755088	R6L REPLACE MAIN, MT. IDA ROAD, OROVILLE	4/2/2012	12/31/2012		5/31/2012

**TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
STATUS OF CAPITAL PROJECTS
(CONTINUED)**

Line No	Project Status	Order Number	Project Name	Planned Construction Start Date	Actual Construction Start	Actual Construction Finish Date	Forecasted Construction Finish Date
195	Pre-construction	30788198	R2 PARALLEL 4" PL MAIN, MARIPOSA WAY	3/1/2012	9/15/2010		5/4/2012
196	Pre-construction	30759876	R2 G REBUILD GOLF CLUB DR, PLEAS	7/1/2011	12/31/2012		9/16/2011
197	Pre-construction	30784977	R2 REPLCE (16) CAT PROTECT ANODES FRESNO	11/3/2011	3/17/2011		12/30/2011
198	Pre-construction	30862558	LK 4011201471 RML GOODHILL RD KENTFIELD	7/13/2011	7/11/2011		12/30/2011
199	Pre-construction	30848824	GP UPGRADE EUREKA LP SYSTEM / PH1	4/1/2012	8/15/2011		8/31/2012
200	Pre-construction	30761915	P RM REPL CRK CROSSING, LUCAS VLY RD	7/5/2011	12/31/2012		9/23/2011
201	Design	30883821	GR MARKET ST (5TH TO GRANT) LP TO HP	6/1/12	12/29/11		03/30/13
202	Design	30835391	R7 GPRP RUTHERFORD AVE, SAN ANSELMO	5/1/12	12/31/12		07/27/12
203	Design	30871984	P1 VINEYARD VLY MBLE HOME PK., ST HELENA	3/1/12	9/23/11		12/31/12
204	Design	30841763	INSTALL REMOTE CP YOLO	3/21/11	12/31/12		03/24/11
205	Cancel	30820364	R4 G GPRP ATHENS, SF	7/18/2011	1/5/2011		11/30/2011

8. Completed Capital Project Cost

Request

Total costs of each completed capital project.

Response

The 97 capital projects that were completed from January 1 to December 31, 2011, are listed in Table 8-1. As explained previously, a project is considered complete when construction is complete, documentation is complete, and labor charges are no longer expected.

**TABLE 8-1
PACIFIC GAS AND ELECTRIC COMPANY
COSTS FOR COMPLETED PROJECTS
(IN THOUSANDS OF 2011 DOLLARS)**

Line No.	Order	Project Description	2011 Total	Cost Since Inception Ending 12/31/2011
1	30820811	OC1 MAINREINFORC - STONE VLLY RD., ALAM	\$ 785	\$ 785
2	30813057	OC4 G RM REPL MAIN, ORANGE AVE, NOVATO	\$ 392	\$ 411
3	30616128	OC4 G PRP DOBBINS @ KENDAL, VACAVILLE	\$ 24	\$ 489
4	30616130	OC4 GP PRP ELIZABETH @ MASON, VACAVILLE	\$ 63	\$ 718
5	30616134	OC1 G BERKELEY GPRP - PH 1: ASHBYUPRATE	\$ 166	\$ 1,703
6	30649246	OC1 GPRP BALBOATERRACE, SAN FRANCISCO	\$ 20	\$ 2,088
7	30668852	GPRP: LOCUST & WASHINGTON, LODI PHAS	\$ 980	\$ 1,478
8	30674899	OC1 G GPRP SAINT FRANCIS 4, SF	\$ 88	\$ 1,609
9	30674922	OC1 G GPRP GEARY 4 SAN FRANCISCO	\$ 82	\$ 4,099
10	30680560	G S 12TH & S 13TH ST, SAN JOSE GPRP	\$ 19	\$ 1,202
11	30736194	OC1 GPRP REDWOOD CITY	\$ 160	\$ 1,440
12	30737244	OC4 GPRP SANTAMARGARITA, SAN RAFAEL	\$ 34	\$ 388
13	30737291	OC4 GPRP I STREET PETALUMA	\$ 85	\$ 1,073
14	30741372	OC2 GPRP THIRD STREET OAKDALE PHASE 2	\$ 35	\$ 754
15	30750011	OC2 WEST FRESNO GPRP 2010	\$ 161	\$ 2,228
16	30753677	OC1 G GPRP BAYVIEW 2 SAN FRANCISCO	\$ 264	\$ 2,951
17	30754768	OC1 G GPRP STAPLES SAN FRANCISCO	\$ 239	\$ 1,439
18	30754774	OC1 G GPRP HOLLY PARK 1 SF	\$ 334	\$ 3,242
19	30792458	OC2 GP WEST MODESTO GPRP - PHASE 1	\$ 593	\$ 597
20	30793853	OC2 REPL. MAIN HEIGHT & BERKELEY ST, BAK.	\$ 24	\$ 332
21	30796765	OC1 HOOVER GPRP (2011 CRITICAL PROJECT)	\$ 692	\$ 693
22	30801105	OC2 G HAROLD AVE GPRP, SJ	\$ 381	\$ 381
23	30804481	OC1 GPRP 25TH ST SPOT MAIN, SAN FRAN	\$ 410	\$ 411
24	30806806	OC1 M027972 GPRP OUTER MISSION 2	\$ 2,188	\$ 2,468
25	30806814	OC1 G GPRP OXFORD, SF	\$ 3,555	\$ 3,753
26	30806816	OC1 R4E G GPRP SAN BRUNO, SF	\$ 1,718	\$ 1,948
27	30806817	OC1 GPRP MISSION DISTRICT 3, SAN FRAN	\$ 2,648	\$ 2,997
28	30807391	HUNTINGTON & 5TH 2011 GPRP FRESNO	\$ 1,305	\$ 1,315
29	30807801	OC1 G GPRP SUNSET 2, SF	\$ 3,054	\$ 3,055
30	30807861	OC1 GPRP CAPITOL 3, SAN FRANCISCO	\$ 3,654	\$ 3,910
31	30807977	OC1 G GPRP OCEANVIEW, SAN FRANCISCO	\$ 2,689	\$ 2,690
32	30808096	OC1 G GPRP SUNSET 3, SF	\$ 3,591	\$ 3,593
33	30808157	OC1 G GPRP SOUTH VALENCIA 5, SAN FRANCIS	\$ 1,072	\$ 1,078
34	30808260	OC1 G GPRP BAYVIEW 3, SAN FRANCISCO	\$ 2,373	\$ 2,377
35	30808261	OC1 5R4E G GPRP 18TH ST, SAN FRANCISCO	\$ 3,665	\$ 3,665
36	30808590	OC1 GPRP MISSION DISTRICT 4, SAN FRAN	\$ 3,501	\$ 3,501
37	30814275	OC1 R2L GP WINDSOR, ALAMEDA GPRP	\$ 959	\$ 960
38	30815779	OC1 G GPRP HOLLY PARK 1 (100 APPLETON AVE	\$ 358	\$ 489
39	30821199	OC1 G GPRP OLMSTEAD, SF	\$ 1,416	\$ 1,416
40	30821410	OC1 G GPRP JOOST, SF	\$ 1,766	\$ 1,766
41	30821601	OC1 R1 E G GPRP BERNAL HEIGHTS, SF	\$ 1,362	\$ 1,362
42	30822326	OC1 E GPRP WOOD, SF	\$ 1,397	\$ 1,397
43	30826696	OC4 GD GPRP WEST AND VARIOUS, PETALUMA	\$ 408	\$ 408
44	30829620	OC1 M GPRP - CONGO 1 - SF	\$ 1,652	\$ 1,652
45	30829626	OC1 E G GPRP OCEAN AND PLYMOUTH, SF	\$ 501	\$ 501
46	30835636	OC4 GD GPRP FIRST ST WEST, SONOMA-	\$ 384	\$ 384
47	30835701	OC4 GPRP GROVE HILL AVE, SAN ANSELMO	\$ 625	\$ 625
48	30676310	OC1 TOWER ROAD HPR TO DRS	\$ 70	\$ 457
49	30676390	OC1 SHOREWAY DR BELMONT	\$ 402	\$ 539
50	30817657	OC2 G ABNDN HPR STN DIANA AVE & LOTUS MH	\$ 455	\$ 455
51	30844564	OC2 GP HPR SNEDIGAR RD, RIVERBANK	\$ 458	\$ 458
52	30850389	+AVED & TWO RIVERS +	\$ 447	\$ 447
53	30477107	INST 900' 8" STL, INDUSTRIAL WY, BENICIA +	\$ 15	\$ 990
54	30675123	OC2 G 1,270-FT 4" PL: GREAT AMERICAPKWY, SC	\$ 94	\$ 281
55	30740781	OC4 VACAVLY & SHELTER COVE - INSTLR	\$ 184	\$ 419
56	30742428	OC4 INST 1700 FT 6-IN PL, BRUCE RD, CHICO	\$ 388	\$ 572

**TABLE 8-1
PACIFIC GAS AND ELECTRIC COMPANY
COSTS FOR COMPLETED PROJECTS
(IN THOUSANDS OF 2011 DOLLARS)
(CONTINUED)**

Line No.	Order	Project Description	2011 Total	Cost Since Inception Ending 12/31/2011
57	30747707	OC1 DUBLIN BLVD DUBLIN INSTALL 4100 FT O	\$ 141	\$ 1,186
58	30749119	GPCAPACITY:6"HP PARALLEL MAIN MODESTO	\$ 31	\$ 771
59	30757861	R2 INST 17000 FT OF 8" PL MAIN FRESNO	\$ 78	\$ 1,857
60	30762994	OC4 GD CAPACITY CENTRAL AVE MCKINLEY VIL	\$ 18	\$ 521
61	30783042	OC1 BOW DR. & CRESTVIEW DR.	\$ 566	\$ 576
62	30783043	OC1 CORDILLERAS REDWOOD CITY	\$ 397	\$ 458
63	30784111	OC2 CAPACITY INCREASE HARLAN RNCH CLOVIS	\$ 25	\$ 571
64	30786843	OC1 RH-06-INSTALL DR. ST. VERMONT & "B" S	\$ 141	\$ 1,015
65	30787989	OC1 INST DUAL DR. STATION OS GOOD RD. FRE	\$ 419	\$ 836
66	30789549	OC1 BYRON MAIN EXTENSION - BIXLER RD BYR	\$ 822	\$ 833
67	30797133	OC4 G CAP_REG 118 REBUILD_YOUNTVILLE	\$ 559	\$ 568
68	30797736	+LOCUST, LEE TO SACRAMENTO, LODI +	\$ 332	\$ 338
69	30798844	OC4 INST. 1050' OF 6" PL, ELM ST, LIVE	\$ 292	\$ 300
70	30810188	OC4 REBLD DR MRC-12, 1ST & E ST, WHEAL	\$ 634	\$ 645
71	30810379	OC1 STONERIDGE DR PLEASANTON	\$ 242	\$ 242
72	30848181	OC4 GP REPL 2300' MN, 1500 KIRK, GRIDLE	\$ 353	\$ 353
73	30692911	OC1 G REBUILD CORNWALL DR STN, PITTSBUR	\$ 28	\$ 485
74	30712896	GP 7TH ST & HENSLEY, RICHMOND	\$ 303	\$ 370
75	30714055	OC4 ROSEVILLE & BUTTERNUT (A-62) REG RPL	\$ 43	\$ 396
76	30742231	OC2 MERCED PHASE 3 RELIABILITY	\$ 281	\$ 364
77	30751625	OC4 GP RM REPL HWY CROSSING, MAGAZINE ST	\$ 50	\$ 626
78	30755040	GRANTLINE & L-2 +	\$ 16	\$ 793
79	30756701	9TH & LINCOLN, STOCKTON	\$ 455	\$ 597
80	30757362	OC1 G DR STATION CARION CT PITTSBURG	\$ 9	\$ 262
81	30758821	OC1 INSTLL 400" PL AND ABANDON DR STN 2	\$ 279	\$ 292
82	30759573	OC1 GREPL MAIN CASITAS & CRESTAVISTA,	\$ 638	\$ 656
83	30759576	OC1 G REPL R-11 DEWEY & LAGUNA HONDA, SF	\$ 621	\$ 941
84	30760327	OC1 REPL 700' OF 2" WITH 2" PL ESPL. PAC	\$ 36	\$ 244
85	30761621	OC1 GREPL 6" STLHP TUNNEL AVE SF/BRISBANE	\$ 122	\$ 793
86	30762547	OC4 G GREPLACE REG STAR 42 / DEPOT ST /	\$ 201	\$ 370
87	30766290	OC2 2010 INST ANODES (15) FRESNO DIVISN	\$ 363	\$ 434
88	30767106	OC4 GP LAKESIDE VILLAGE MHP MAIN, FOLSO	\$ 1,017	\$ 1,185
89	30784975	OC2 RBLD DR D-36, WEBER & FARRINGTON, FR	\$ 313	\$ 313
90	30790051	OC2 HARDING WY, SAN JUAN AVE TO ABBY CT +	\$ 253	\$ 253
91	30805155	GP 214 E OLIVE AVE FRESNO	\$ 279	\$ 440
92	30809059	OC2 INSTALL (10) DEEPWELLS KERN-VARSLOC	\$ 219	\$ 219
93	30813051	OC4 GP REPL MAIN BRIDGE WY BRDWLK SAUSALT	\$ 191	\$ 191
94	30827211	OC4 GP RM BUHMAN & TWIN OAKS, NAPA	\$ 1,363	\$ 1,363
95	30857635	G REPL MAIN - SOUTH VALENCIA 5, SF	\$ 288	\$ 288
96	30864808	G GPRP JOOST MWC 50 WORK, SF	\$ 2,503	\$ 2,503
97	30864810	G GPRP BERNAL HEIGHTS MWC 50 WORK, SF	\$ 879	\$ 879

9. Comparability of Actual Costs and Settlement Agreement Allocations

Request

Reported actual costs should be directly comparable to amounts approved in the Settlement Agreement. Identify whether any reported amounts include Administrative and General (A&G) expenses, indirect and/or overhead costs and, if so, show these amounts.

Response

All actual costs set forth in this report are directly comparable to amounts set forth in the Settlement Agreement. Tables 9-1 and 9-2 show the payroll taxes and benefits for expense MWCs and Capitalized A&G for capital MWCs, respectively.

TABLE 9-1
PACIFIC GAS AND ELECTRIC COMPANY
A&G AND TAXES IN EXPENSE
RECORDED PAYROLL TAXES AND BENEFITS BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	M&O Expense	Payroll Taxes	Benefits	2011 Total
DE	Leak Survey	\$ 16,849	\$ 968	\$ 2,298	\$ 20,115
DF	Locate & Mark - G&E	\$ 22,762	\$ 1,314	\$ 3,151	\$ 27,227
DG	Cathodic Protection	\$ 12,125	\$ 532	\$ 1,316	\$ 13,973
EX	Meter Protection-Inspect&Corr	\$ 420	\$ 16	\$ 50	\$ 486
FG	Opr Distribution Sys - Gas	\$ 3,514	\$ 172	\$ 432	\$ 4,118
FH	Preventive Maintenance Gas	\$ 13,653	\$ 938	\$ 2,275	\$ 16,866
FI	Perf Maint to Corr Fail - Gas	\$ 32,506	\$ 1,564	\$ 3,759	\$ 37,828
GF	Gas Dist Mapping	\$ 763	\$ 56	\$ 151	\$ 970
GG	Opr Distribution Sys - Gas Eng	\$ 2,334	\$ 155	\$ 517	\$ 3,005
JS	Gas Dist Integrity Management	\$ 23,663	\$ 262	\$ 774	\$ 24,699
KF	GT&D Impl Regulatory Change	\$ 284	\$ 12	\$ 27	\$ 323
	Total	\$ 128,873	\$ 5,989	\$ 14,749	\$ 149,609

**TABLE 9-2
PACIFIC GAS AND ELECTRIC COMPANY
A&G TAXES IN CAPITAL
RECORDED CAPITALIZED A&G BY MWC
(IN THOUSANDS OF 2011 DOLLARS)**

MWC	MWC Description	Capitalized A&G	2011 Total
14	G Dist Pipeline Repl Program	\$ 9,250	\$ 126,999
27	Gas Meter Protection-Capital	\$ 1	\$ 9
47	G Dist Capacity	\$ 967	\$ 12,521
50	G Dist Reliability General	\$ 4,885	\$ 58,543
52	G Dist Leak Repl/Emergency	\$ 54	\$ 505
2J	GT&D Impl Regulatory Change	\$ 26	\$ 500
2K	G Dist Repl/Convert Cust HPR	\$ 1,277	\$ 19,631
	Total	\$ 16,460	\$ 218,708

10. 2011 GRC Forecasted Capital Project Status

Request

Identify whether capital projects forecasted in Application 09-12-020 have been started, completed, remain to be undertaken (include anticipated start and completion date) or have been reprioritized. If reprioritized, provide the reasons for the reprioritization and the justification for the new project(s). Describe the new capital project(s) including estimated start and completion date. Discuss whether funding will be requested in a future rate case application for forecasted capital projects that were reprioritized and identify these projects.

Response

Table 10-1 provides the status of the safety, integrity and reliability-related capital projects forecasted in Application 09-12-020. The table shows (i) units of work (where applicable) and costs forecasted in the GRC, (ii) actual units of work undertaken (where applicable) and costs incurred for this reporting period, and (iii) an update on units of work completed and costs incurred for the period July 1-December 31, 2011, and the full year 2011.

TABLE 10-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY GAS DISTRIBUTION CAPITAL PROGRAMS IN GRC FORECAST, ACTUALS AND YEAR END COMPARISON
(IN THOUSANDS OF 2011 DOLLARS)

Line No.	Work Category	Unit of Measure	2011 GRC Forecast (1)			2011 Budget			Actual 7/1 - 12/31			2011 Total		
			Units	Unit Cost (\$)	Forecast (\$)	Units	Unit Cost (\$)	Budget (\$)	Units(2)	Unit Cost (\$)	Actuals (\$)	Units	Unit Cost (\$)	Actual (\$)
1	GPRP	Ft of Main Installed	185,044	\$ 472	\$ 87,305	138,868	\$ 513	\$ 71,301	77,053	\$ 503	\$ 38,732	144,290	\$ 519	\$ 74,868
2	CSRP	Services Replaced	6,500	\$ 6,707	\$ 43,595	7,707	\$ 6,800	\$ 52,406	4,365	\$ 6,104	\$ 26,642	7,402	\$ 6,949	\$ 51,434
3	Plastic	Ft of Main Installed										1,498	\$ 465	\$ 697
4	MWC 14 Total				\$ 130,900			\$ 123,707			\$ 66,037			\$ 126,999
5	Capacity Main Install	Ft of Main Installed	55,000	\$ 151	\$ 8,320	68,720	\$ 127	\$ 8,740	7,297	\$ 610	\$ 4,451	49,821	\$ 164	\$ 8,148
6	Capacity Reg Station	Reg Station Installed	11	\$ 338,182	\$ 3,720	7	\$ 414,286	\$ 2,900	3	\$ 1,019,645	\$ 3,059	6	\$ 699,320	\$ 4,196
7	Capacity Misc	N/A			\$ 1,510			\$ 360			\$ 58			\$ 176
8	MWC 47 Total				\$ 13,550			\$ 12,000			\$ 7,568			\$ 12,521
9	Main Replace	Ft of Main Installed	4,500	\$ 493	\$ 2,220	25,092	\$ 493	\$ 12,370	16,283	\$ 714	\$ 11,632	30,344	\$ 532	\$ 16,128
10	Service Replace	Services Replaced	740	\$ 8,533	\$ 6,315	742	\$ 8,533	\$ 6,335	598	\$ 8,796	\$ 5,260	1,318	\$ 8,824	\$ 11,630
11	Reg Station	Reg Station	24	\$ 244,414	\$ 5,866	109	\$ 128,299	\$ 13,985	30	\$ 243,007	\$ 7,290	59	\$ 234,247	\$ 13,821
12	Cathodic Protection	N/A			\$ 2,350			\$ 2,608			\$ 1,608			\$ 3,002
13	Overbuilds	N/A									\$ 1,362			\$ 4,913
14	Miscellaneous (3)	N/A			\$ 1,677			\$ 3,092			\$ 3,576			\$ 8,617
15	Electronic Pres Monitor (3)		220	\$ 5,000	\$ 1,100	0	\$ 0	\$ 0	7	\$ 5,000		26	\$ 5,000	
16	CP Remote Monitor (3)		1,723	\$ 1,400	\$ 2,412	300	\$ 3,333	\$ 1,000			\$ 433			\$ 433
17	MWC 50 Total				\$ 21,940			\$ 39,390			\$ 30,728			\$ 58,543
18	MPP Relocations	Services Relocated	76	\$ 8,289	\$ 630	40	\$ 8,289	\$ 332	0	\$ 0	\$ 9	0	\$ 0	\$ 9
19	MWC 27 Total				\$ 630			\$ 332			\$ 9			\$ 9
20	MWC 52 Total				\$ 280			\$ 702			\$ 139			\$ 505
21	MWC 2J							\$ 0			\$ 434			\$ 500
22	Cust High Pressure Reg	Cust HPR Replace/Remove				500	\$ 30,000	\$ 15,000	529	\$ 35,691	\$ 18,881	529	\$ 37,109	\$ 19,631
23	MWC 2K Total							\$ 15,000			\$ 18,881			\$ 19,631
24	Total				\$ 167,300			\$ 191,131			\$ 123,796			\$ 218,708

Notes:

- 2011 GRC Forecast based on 2011 GRC Testimony Exhibit (PG&E-3) Chapter 19.
- 2011 Actual Units are based on projects with completed documentation.
- MWC 50 Miscellaneous includes various actual costs such as Electronic Pressure Monitoring and CP Remote Monitor.

In Application 09-12-020, PG&E forecasted the number of units it expected to complete within broad project categories, such as Gas Pipeline Replacement Program (GPRP) and Gas Distribution New Capacity. In total, PG&E spent over \$51 million more than the capital forecasted in Application 09-12-020 for gas distribution pipeline safety, integrity and reliability-related capital programs. Specifically, PG&E spent more on copper services, reliability main and service replacements, and regulator stations than forecasted. However, PG&E spent less than originally forecast on GPRP, Capacity, Electronic Pressure Monitoring, Cathodic Protection Remote Monitoring and Meter Protection. The variances between actual and forecast spend are further explained in detail below.

MWC 14 – Gas Pipeline Replacement Program. In PG&E’s testimony in Application 09-12-020, PG&E stated: “The financial forecast for MWC 14 for the years 2011-2013 was developed assuming the continuation of the GPRP and CSRP [Copper Service Replacement Program]. As DIMP is developed, funding for the traditional GPRP and CSRP programs will be reallocated to support new DIMP-driven expenditures.” (Exhibit (PG&E-3), Chapter 19, p. 19-4.) PG&E spent \$12.4 million less than the Application 09-12-020 forecast. The decreased GPRP spending in 2011 compared to the original GRC forecast is being offset by increased spending on CSRP, reliability main replacements with equivalent priorities to GPRP, and reliability regulator stations. PG&E spent \$7.8 million more than forecasted in Application 09-12-020 for CSRP, reliability main replacements, and regulator stations. Though PG&E did not spend the MWC 14 full amount forecast in Application 09-12-020, PG&E did spend \$3.9 million more on GPRP than allocated in the Settlement Agreement. PG&E expects to request additional funding in a future rate case for GPRP, but this funding would supplement, rather than replace, the funding received through Decision 11-05-018.

MWC 50 – Gas Distribution Reliability Program

1. Electronic Pressure Monitoring Program – Spending in the Electronic Pressure Monitoring Program has been delayed while the Company assesses optimal technologies for this program. Existing pressure recorders are being replaced as required with the currently approved electronic technology, but the systematic program to replace these units

has been delayed pending the assessment of technologies. PG&E may seek additional funding for this program in a future rate case.

2. Cathodic Protection Remote Project – The Cathodic Protection Remote Project is being piloted this year for system-wide deployment in subsequent years. Depending on the results of the pilot, PG&E may seek additional funding for this program in a future rate case. Currently, PG&E is addressing installation concerns on customer premises.

MWC 27 – Meter Protection. The reduced spending on meter protection is being offset by higher spending on higher priority safety-related work. PG&E plans to complete the meter protection work forecasted in the 2011 GRC within the 2011-2013 rate case cycle.

MWC 2K – Customer High Pressure Regulator. The expenditures for High-Pressure Regulators (HPR) were not forecasted in the 2011 GRC because this work was a result of new findings discovered during an accelerated gas transmission survey. HPRs are regulator sets that branch off a transmission line and reduce transmission pressure to provide gas service to less than three customers. The results of the gas transmission survey discovered a significant number of leaks associated with HPRs.

In 2011, PG&E began an aggressive program to rebuild or replace HPR-Type stations. PG&E has approximately 4,700 such HPR sets. PG&E will target rebuilding or replacing approximately 1,000 of these HPR sets and/or small district regulator stations each year over the next several years to address potential atmospheric corrosion and equipment deterioration.

11. 2011 Planned Capital Projects

Request

At the beginning of each calendar year, describe the capital projects planned to be undertaken for the year.

Response

The projects undertaken in 2011 are set forth in Table 17-1.

12. Variance Explanations Between Settlement Agreement Allocations and Actual Spending

Request

To the extent PG&E does not fully spend the amounts for capital projects or O&M related to pipeline safety, integrity management, and reliability specified in the Settlement Agreement, explain the reasons for doing so.

Response

PG&E has included in Tables 12-1 and 12-2 information responsive to this request. Although there are program areas where PG&E did not spend more than the amount specified in the Settlement Agreement, in total, PG&E spent in excess of the total Settlement Agreement amounts for both expense and capital related to gas distribution pipeline safety, integrity and reliability.

TABLE 12-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF DISTRIBUTION EXPENSE SETTLEMENT AGREEMENT AMOUNT VS. SPENDING COMPARISON
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget	GRC (2011 Settlement Agreement Allocation)	2011 Total	Difference (Settlement Agreement Allocation - 2011 Total)	Explanation
DE	Leak Survey	\$18,609	\$15,482	\$20,115	\$4,633	Spending exceeds Settlement Agreement.
DF	Locate and Mark	\$26,978	\$29,902	\$27,227	(\$2,675)	Decrease primarily due to lower volume of Underground Service Alert requests than forecast due to the slowdown of third-party construction. Volume changes year over year primarily based on the economy.
DG	Cathodic Protection	\$8,748	\$10,757	\$13,973	\$3,216	Spending exceeds Settlement Agreement.
EX	Meter Protection	\$199	\$1,200	\$486	(\$714)	Decrease primarily due to decision not to pursue certain meter protection work in 2011 to support higher priority work.
FG	Operate Gas Distribution System	\$3,038	\$3,945	\$4,118	\$173	Spending exceeds Settlement Agreement.
FH	Gas Distribution Preventative Maintenance	\$19,173	\$16,924	\$16,866	(\$58)	Variance is immaterial.
FI	Gas Distribution Corrective Maintenance	\$39,550	\$35,656	\$37,828	\$2,173	Spending exceeds Settlement Agreement.
GF	Operations Distribution – Gas Mapping	\$934	\$1,600	\$970	(\$630)	Decrease primarily due to lower gas mapping labor costs than originally forecasted and a reduction in mapping improvement projects to support higher priority work.
GG	Gas Engineering	\$3,070	\$3,060	\$3,005	(\$54)	Variance is immaterial.
JS	Distribution Integrity Management Program	\$19,500	\$19,500	\$24,699	\$5,199	Spending exceeds Settlement Agreement.
KF	Implement Regulatory Change	\$367	\$0	\$323	\$323	Work not planned in the GRC.
	Total	\$140,166	\$138,025	\$149,609	\$11,584	Total spending exceeds Settlement Agreement.

TABLE 12-2
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF DISTRIBUTION CAPITAL SETTLEMENT AGREEMENT VS. SPENDING COMPARISON
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget	GRC (2011 Settlement Agreement Allocation)	2011 Total	Difference (Settlement Agreement Allocation - 2011 Total)	Explanation
14	Gas Pipeline Replacement Program	\$123,707	\$123,266	\$126,999	\$3,733	Spending exceeds Settlement Agreement.
27	Gas Meter Protection	\$332	\$593	\$9	(\$584)	Decrease primarily due to decision not to pursue certain meter protection expense work in 2011 to support higher priority work. This resulted in reduced capital spending.
47	Gas Distribution New Capacity	\$12,000	\$12,760	\$12,521	(\$239)	Variance is immaterial.
50	Gas Distribution Reliability	\$39,390	\$20,660	\$58,543	\$37,883	Increase primarily driven by increases in pipeline replacement and service leak replacements.
52	Gas Distribution Emergency Response	\$702	\$264	\$505	\$241	Spending exceeds Settlement Agreement.
2J	GT&D Impl Regulatory Change	\$0	\$0	\$500	\$500	MWC not included in Settlement Agreement.
2K	G Cust HPR	\$15,000	\$0	\$19,631	\$19,631	MWC not included in Settlement Agreement.
	Total	\$191,131	\$157,543	\$218,708	\$61,165	Total spending exceeds Settlement Agreement.

Project Descriptions and Status

13a. Capital Project Status

Request

Discuss status and progress of capital projects previously started and not completed.

Response

This information is set forth in Table 7-2, and is reflected as well in Table 17-1, Column 13 (Project Status).

13b. Pipeline Records

Request

Identify and explain any discrepancies found with pipeline records. Report if no records exist.

Response

Discrepancies found with pipeline records are reported when active facilities are not mapped, the facilities are on the map but not in the field, or when other inaccuracies are found in PG&E's maps. Table 13B-1 includes mapping corrections reported from July 1 to December 31, 2011, which includes mapping corrections found during capital and O&M work.

**TABLE 13B-1
PACIFIC GAS AND ELECTRIC COMPANY
GAS MAPPING CORRECTIONS REPORT**

Line No.	Division	Date Rec'd by Mapping	Dept Reported	Location	Map #	Discrepancy
1	DA	7/5/2011	Construction	ARQUES & LAWRENCE	3350-H7	Wrong text information on map (i.e. RE-NUMBERED)
2	DA	7/14/2011	Construction	Morse & Glendale	3350-G4	Corrected Equip
3	DA	7/14/2011	Construction	California & Escuela	3349-F2	Corrected Equip
4	DA	7/14/2011	Construction	Lawrence Station Rd	3350-E7	Corrected Equip
5	DA	8/31/2011	Construction	Middlefield & Stierlin	3349-E4	Wrong text information on map (i.e. Corrected Items)
6	DA	8/31/2011	Construction	Middlefield & Burgoyne	3349-E4	Wrong text information on map (i.e. Corrected Items)
7	DA	8/31/2011	Construction	Winchester	3412-H4	Wrong text information on map (i.e. Corrected Text)
8	DA	8/31/2011	Construction	Middlefield & Burgoyne	3349-E4	VALVEREMOVED
9	DA	10/3/2011	Construction	MOFFETT & BAYSHORE	3349-E6	Wrong text information on map (i.e. Corrected Text)
10	DA	10/3/2011	Construction	STEVENSCRK/STELLIN	3411-E1	Wrong text information on map (i.e. Corrected Text)
11	DA	10/3/2011	Construction	ELLIS & TL 132	3349-F8	Wrong text information on map (i.e. Corrected Text)
12	DA	12/20/2011	Construction	enterprize & 11th	3350-E2	Facilities shown in wrong location (i.e. mapped wrong location)
13	KE	8/23/2011	Compliance	Kern	5026-F1	Brach services (two) not posted.
14	KE	8/25/2011	Construction	Kern	5026-I1	Revised for Leak Survey Schedule
15	KE	8/25/2011	Construction	Kern	5127-C1	Revised for Leak Survey Schedule
16	KE	9/23/2011	Construction	Kern	5027-D8	Revised for Leak Survey Schedule
17	KE	9/23/2011	Construction	Kern	5028-C1	Revised for Leak Survey Schedule
18	KE	9/26/2011	Construction	Kern	5027-G8	Revised for Leak Survey Schedule
19	KE	9/26/2011	Construction	Kern	5028-C3	Revised for Leak Survey Schedule
20	KE	10/4/2011	Construction	Kern	5050-E2	Gas services not shown on plat.
21	KE	11/4/2011	Construction	Kern	5027-F1	GSR shows wrong address
22	KE	11/1/2011	Construction	Kern	5027-F2	Plat map shows wrong street name.
23	KE	10/17/2011	Construction	Kern	5028-A2	Two as-builts in the job folder. One says main is DB and the other says it was inserte
24	KE	10/11/2011	Construction	Kern	5028-C8	GSR shows wrong address
25	KE	11/18/2011	Construction	Kern	4760-B2	Revised for Leak Survey Schedule
26	KE	11/18/2011	Construction	Kern	5027-C2	Revised for Leak Survey Schedule
27	KE	11/18/2011	Construction	Kern	5027-D3	Revised for Leak Survey Schedule
28	KE	11/18/2011	Construction	Kern	5027-G8	Revised for Leak Survey Schedule
29	KE	11/18/2011	Construction	Kern	5027-H5	Revised for Leak Survey Schedule
30	KE	11/18/2011	Construction	Kern	5027-H6	Revised for Leak Survey Schedule
31	KE	11/18/2011	Construction	Kern	5027-J5	Revised for Leak Survey Schedule
32	KE	11/18/2011	Construction	Kern	5028-B4	Revised for Leak Survey Schedule
33	KE	11/23/2011	Construction	Kern	5028-E3	Out with DXM4 for field check. Gas service not shown on plat.
34	KE	11/23/2011	Construction	Kern	5028-E3	Address correction
35	KE	11/29/2011	Construction	Kern	5028-G1	Revised for Leak Survey Schedule
36	MI	6/29/2011	Construction	Tanager Ct. not posted on map	23E08	Completed job, Mapping never rcv'd 2 s.o.'s
37	MI	7/10/2011	Mapping	2nd St & E St. wrong addresses	12F14	Wrong text information on map (i.e. Mapping never rcv'd address changes)
38	MI	7/11/2011	Mapping	Scarlett Ct., missing curb vlv	23B04	Mapper didn't post curb vlv
39	MI	7/19/2011	Construction	Lassen St missing 2 svcs	18E01	Completed job, 2 s.o.'s never rcv'd by Mapping
40	MI	7/25/2011	Construction	Hesperian s/b c/o	13E13	Mapped incorrectly (i.e. C/o svc wasn't erased off map)
41	MI	8/3/2011	Construction	Hayward	13D14	Mapped incorrectly (i.e. Mapper posted in wrong location in 1956)
42	MI	8/4/2011	Construction	Mowry curb valve not posted	20A10	Mapped incorrectly (i.e. Mapper didn't post curb vlv)
43	MI	8/4/2011	Construction	Manchester Cm not posted	20A10	Completed job, Mapping never rcv'd 3 s.o.'s
44	MI	8/5/2011	Construction	Risdon not posted on map	14A15	Completed job, Mapping never rcv'd s.o.
45	MI	8/7/2011	Construction	Fremont Bl 4 svcs c/o or stubs	20A10	Completed job, Mapping never rcv'd c/o s.o.'s
46	MI	8/19/2011	Mapping	Antonini posted in wrong location	30D01.2	Streets intersect in 2 locations, Mapper posted in wrong location
47	MI	8/23/2011	Mapping	Pinot Noir Ct spelled incorrectly	22E10	Wrong text information on map (i.e. Street mis-spelled)
48	MI	8/11/2011	Construction	Stevenson Blvd	20A12	Mapper posted 2 svcs at incorrect location
49	MI	11/3/2011	Mapping	8th St & 9th St had 2 block numbers	19B06	When mapper removed street, they forgot to remove additional block numbers
50	MI	12/2/2011	Mapping	Montrose, wrong address	10F07	Wrong text information on map (i.e. wrong address on s.o.)
51	MI	12/20/2011	Construction	Monterey shows straight svc	20B10	Facilities shown in wrong location (i.e. S.o. doesn't show bend in svc)
52	PN	8/3/2011	Construction	re-dwg Wilmington Wy	3278-I5-1	Facilities shown in wrong location (WRONG AS-BUILT & POST)
53	PN	8/5/2011	Construction	C/O CANADA & PO MISSING GSR	3346-B5	Completed job not received by Mapping (i.e. C/O CANADA & PO MISSING GSR)
54	PN	7/27/2011	Mapping	10THAVE, SAN MATEO	3214-G8-48	Undocumented field change (i.e. ONE NOT DOC. OTHER NOT C/O)
55	PN	9/15/2011	Estimating	ARLINGTON, MP SVC NOT IN PARCEL	3280-I1-18	INCORRECT FOOTAGE ON AS-BUILT
56	PN	9/19/2011	Construction	CAMPUS, STANFORD	3348-B2-7	Mapped incorrectly (i.e. DEACT SVC IMPROPERLY)
57	PN		Mapping	BIRCH AVE- SVC NOT MAPPED	3214-H7	Wrong text information on map (i.e. RASTERERASED OR NOT POSTED)
58	PN	12/13/2011	Mapping	TRINIDA, FC	3215J5	UPDATED ADDRESS
59	SF	7/20/2011	Planning	Roanoke and Chenery	3-E16C	Mapped incorrectly (i.e. mapping standard & svcs tied wrong main)
60	SF	9/12/2011	Planning	Jackson & Mason	2E02B	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
61	SF	9/12/2011	Planning	5th and Clara	2F03D	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
62	SF	9/12/2011	Planning	Arguello and California	1F12A	Mapped incorrectly (i.e. Valve # was incorrectly labeled.)
63	SF	9/12/2011	Planning	9th and Jessie	4A02A	Regulator Stations 215 & 215A were incorrectly labeled.
64	SF	9/12/2011	Planning	Mason & John	2E02B	Wrong text information on map (i.e. Valve # was incorrectly labeled.)
65	SF	9/12/2011	Planning	Plymouth and Lakeview	5A12B	Wrong text information on map (i.e. Valve # was incorrectly labeled.)
66	SF	9/13/2011	Planning	Palou and Ingalls	4F06A	Wrong text information on map (i.e. Wrong valve symbol)
67	SI	10/18/2011	Construction	Chestnut St. - Yuba City	2154-F4	Offset & measurements
68	SI	10/5/2011	Construction	Auburn	2154-G2	Facilities shown in wrong location. Incorrect footage from PL
69	SI	12/21/2011	Construction	H ST.	2154-E7	SVC NOT ON PLAT SHEET
70	SJ		CONSTRUCTION	NEWHALL & COLEMAN	3412-B8	Facilities shown on wrong location
71	SJ	11/18/11	Estimating	QUIMBY RD	3414-E8	Facilities shown on wrong location
72	SJ	12/29/11	Construction	WALNUT GROVE	3412-C7	Facilities shown on wrong location

14a. Regulatory Requirement Driven Capital Projects

Request

Explain if a capital project is undertaken in response to a federal and/or Commission regulatory requirement or advisory and/or National Transportation Safety Board (NTSB) recommendation.

Response

Table 17-1, Column 14, identifies projects initiated in response to federal and/or Commission regulatory requirements or advisory and/or National Transportation Safety Board recommendations, including projects that were initiated as a result of a CPUC audit.

14b. Risk Management “Top 100” Projects

Request

Identify if project was/is on Risk Management Top 100 list or was/is in a “high-consequence area”.

Response

Items 14b and 15 request information on gas distribution projects or pipelines that are on PG&E’s “Risk Management Top 100” list, or are in high consequence areas. Gas distribution pipelines have never been part of the Top 100 list, which has historically been applied only to gas transmission pipeline segments.

Similarly, “high consequence area” is a federal definition that does not apply to gas distribution pipelines. See response to Item 15 for further discussion on risk ranking as part of the new DIMP.

15. Most Recent Risk Management “Top 100”

Request

Include most recent Risk Management Top 100 report if it includes gas distribution pipelines; identify changes from the prior report and explain why the changes were made.

Response

As explained in response to Item 14b, the Top 100 list applied only to gas transmission pipeline segments and was never applied to gas distribution. However, the Company is performing distribution risk ranking as part of its DIMP. The risk ranking methodology and results will be provided to the CPUC as part of the DIMP Audit scheduled for December 2012.

16. Distribution Pipeline Inspection Plan

Request

Include most recent distribution pipeline inspection plan showing inspection methods to be used for specific pipeline segments and progress to plan.

Note and explain any changes to the prior plan. Report on inspection results, identify and describe any discrepancies found with pipeline records. Report if no records exist.

Response

PG&E's gas distribution pipeline inspection plan is shown in Table 16-1. The table shows the MWC that the inspection activity is under as well as the inspection method along with a brief description. The inspection unit information was updated for the first and second reporting period to reflect the most accurate information available. A summary of the results of each inspection method is also included. For a list of records discrepancies, please see Table 13B-1.

**TABLE 16-1
PACIFIC GAS AND ELECTRIC COMPANY
DISTRIBUTION PIPELINE INSPECTION PLAN AND PROGRESS-TO-PLAN**

MWC	Inspection Method	Description	Units Planned (1/1/2011- 12/31/2011)	Units Completed (1/1/2011- 6/30/2011)	Units Completed (7/1/2011- 12/31/2011)	Total Units Completed in 2011	Results
DE	Leak Survey	Gas distribution leak survey is conducted either annually, every 3 years, or every 5 years depending on the type of facility. Leak survey involves taking instrument reads over the pipeline in order to determine the presence of any gas leaks. All leaks that are found are either fixed immediately if deemed hazardous (Grade 1) or graded and scheduled for repair or recheck (Grade 2, 2+, or 3).	735,000 Services	301,137	517,826	818,963	As a result of the leak survey inspections through December 31, 26,398 total leaks were found: 6,129 of Grade 1 leaks 3,620 of Grade 2+ leaks 5,332 of Grade 2 leaks 11,317 of Grade 3 leaks
DG	Cathodic Protection (CP) Monitoring	CP Monitoring includes taking pipe-to-soil reads (which provides information about the cathodic protection levels on the pipeline) and rectifier reads. On gas distribution, pipe-to-soil reads are taken every other month (bi-monthly) on CP Areas, yearly reads on steel mains protected by a locating wire, annually on short isolated sections of main as well as sections read once every 10 years. Rectifiers are required to be read, at a minimum, annually. Note: Until 2012 rectifier maintenance work has been grouped with pipe-to-soil monitoring. Due to the nature of the work rectifier maintenance was given additional units due to length of time to maintain the rectifier versus the time it took for the pipe-to-soil monitoring. This report includes the actual monitoring reads and rectifier maintenance completed with no additional adders.	46,254 Reads	23,491	22,763	46,254	As a result of the cathodic protection monitoring during the second reporting period of 2011, 1,767 corrective troubleshooting notifications were issued, for a total of 3,494 troubleshooting notifications in 2011.
DG	Isolated Steel Service Program	All distribution services that have been identified as being cathodically isolated from the distribution main are visited once every 10 years. A pipe-to-soil read is taken to make sure the service is under adequate cathodic protection.	13,469 Services	344	76,478	76,822	Of the 76,822 services cleared in 2011 a total of 2,111 services were found to be steel services without adequate cathodic protection. Of these, 1,326 have been provided adequate cathodic protection. The remainder will be protected by 10/1/2012. Note that this rate of inadequate cathodic protection for steel services is not indicative of PG&E's gas services in general. These gas services were investigated specifically because evidence existed of possible problems.
FH	District Regulator Maintenance	Gas distribution district regulator stations receive two different types of inspection maintenance. An "A" inspection consists of a diagnostic test of the regulator function, visual inspection of the regulator environment and operation of all valves, and is conducted annually. A "B" inspection consists of everything that is required in the "A" inspection and it also includes an internal inspection of the regulator equipment and replacement of all rubber goods. The "B" inspection is performed, at a minimum, once every 8 years. Note: The Planned and Units Complete have been updated from the first reporting period based on a more accurate unit count.	3,687 District Reg. inspections	1,794	1,980	3,774	As a result of the district regulator maintenance inspections during the second reporting period of 2011, 665 corrective notifications were issued, for a total of 1,351 corrective notifications in 2011.
FH	Valve Maintenance	Gas distribution valve maintenance involves operating and inspecting the valves on an annual basis. Note: The Planned and Units Complete have been updated from the first reporting period based on a more accurate unit count.	5,933 Valve Inspections	3,410	2,607	6,017	As a result of the valve maintenance inspections during the second reporting period of 2011, 118 corrective notifications were issued, for a total of 279 corrective notifications in 2011.
FH / JS	Atmospheric Corrosion (AC) Inspections	AC Inspections involve a visual inspection of all above ground/exposed pipeline facilities that could be subject to atmospheric corrosion. This inspection is performed every 3 years. Note: The Planned and Units Complete have been updated from the first reporting period based on a more accurate unit count.	3,352,781 Inspections	3,442,693	1,203	3,443,896	As a result of the AC inspections during the second reporting period of 2011, 27 locations were identified for follow-up, for a total of 28,453 locations in 2011.
DF	Standby/Field Meets	Whenever excavation work is being performed on gas distribution critical facilities, a field meet with the contractor and a standby employee, present on site while the pipeline is exposed, are both required. These inspections are performed "as-needed" based on the location of excavation. Note: The Units Complete have been updated from the first reporting period based on a more accurate unit count.	503,423 L&M Tickets	290,248	276,746	566,992	As a result of the L&M tickets during the second reporting period of 2011, 523 required standby, for a total of 1,077 in 2011.
EX	Meter Protection Inspection	The physical locations in the Meter Protection database are being inspected to validate the information. Note: The inspections commenced during the second reporting period	0 locations	-	18,251	18,251	As a result of the Locations inspected during the second reporting period, 7,904 need protection, 3,785 needs a service valve, 6,562 did not require any work.

Notes:

MWC FH: Originally included Atmospheric Corrosion inspection and correction on meters. An improved process was implemented, and this work is now being accounted for under MWC JS (DIMP).

MWC DF: The GRC Settlement was based on higher economic forecast than 2011 results. However the 2011 budget was based on an updated forecast that proved to be lower than 2011 results.

17. Project Descriptions

Request

Project descriptions shall include the following:

- a) *Project name*
- b) *Work description: Provide details of work to be undertaken*
- c) *Purpose: Explain why the work is necessary*
- d) *Timeframe: Start to completion, including significant milestones.*
- e) *Pipeline number*
- f) *Mileposts*
- g) *Geographical coordinates and location (city, place name, county)*
- h) *Pipeline map*
- i) *Class location*
- j) *Identify if pipeline is in a high consequence area*
- k) *Vintage of each pipeline segment and year installed*
- l) *Manufacturer of the pipe*
- m) *Whether the pipe is seamless or non-seamless*
- n) *Maximum allowable operating pressure of the pipeline*
- o) *Operating pressure*
- p) *Pipeline dimensions (diameter, thickness, length) of each segment*
- q) *Areas and communities the pipeline is providing service to*
- r) *Explain how work on pipeline will affect service*
- s) *Explain how work on pipeline might affect (such as operating pressure) the operation of other distribution pipelines and facilities connected to the project*
- t) *For exposed pipelines: Examine for external defects and report results*
- u) *For removed pipelines: Examine for external and internal defects and report results*

Response

Tables 17-1 through 17-4 provide the information requested and are described below:

- Table 17-1 lists all projects with applicable project details.
- Table 17-2 describes the history of plastic pipe and plastic pipe dimensions.
- Table 17-3 describes the steel pipe dimensions.

- Table 17-4 shows the results of all gas inspection reports for the period July 1 to December 31, 2011. Table 17-4 is a summary of the results from inspections performed when a pipeline is exposed. This can also include the internal inspection when applicable.
- a) Table 17-1, Column 17a – The project name is the order description.
 - b) Table 17-1, Column 17b – Work description is the Maintenance Activity Type code which describes the category of work for this project. This includes the range of years the pipe deactivated was installed by material. Also included is the length in footage and diameter of the pipe deactivated by material.
 - c) Table 17-1, Column 17c – Purpose of the work is the program that the work is being funded under.
 - d) See Table 7-2 – Timeframe includes the planned and actual start and finish dates for construction.
 - e) Not Applicable – Pipeline number is used specifically for transmission.
 - f) Not Applicable – Mileposts are used specifically for transmission, however, location information is provided in Columns 17g and 17h.
 - g) Table 17-1, Column 17g – GIS coordinates are not available for gas distribution, however, the division and city for the project is provided.
 - h) Table 17-1, Column 17h – Pipeline Map is the Map and Plat or Facility.
 - i) Not Applicable – Class location does not apply to distribution facilities.
 - j) Not Applicable – “High Consequence Area” does not apply to distribution facilities.
 - k) Table 17-1, Column 17k – Vintage of pipe is the range of years the pipe installed was manufactured by material. This information is only available for projects that are completed. The year installed is the year the project was completed, by material.
 - l) Table 17-1, Column 17l – Manufacturer is noted for pipe installed on the completed project. The information in Table 17-1 is based on construction as-builts. Tables 17-2 and 17-3 list the approved manufacturers for plastic and steel pipe.
 - m) Table 17-1, Column 17m – For steel pipe, Table 17-1 sets forth whether the pipe is seamless or non-seamless on the completed project.
 - n) Table 17-1, Column 17n – Table 17-1 sets forth the Maximum Allowable Operating Pressure (MAOP) of the pipeline for the final system at the

- completion of the project. For regulator stations, the MAOP is for the system at the outlet of the station.
- o) Table 17-1, Column 17o – Table 17-1 sets forth the operating pressure of the pipeline for the final system at the completion of the project. For regulator stations, the operating pressure will be for the system at the outlet of the station.
 - p) Table 17-1, Column 17p – Pipeline dimensions sets forth the diameter and length in footage by material for pipe installed. Tables 17-2 and 17-3 set forth the standard thickness for plastic and steel pipe.
 - q) Table 17-1, Column 17g – Areas and communities the pipeline serves.
 - r) Table 17-1, Column 17r – Sets forth the number of gas services anticipated to have a service interruption due to the project.
 - s) Table 17-1, Column 17s – The effect on the operation of other distribution pipelines and facilities connected to the project are described as the pressure changes due to the project. This notes the changes in the MAOP or Net Open Percentage of the system or the increase in capacity for the low pressure point the gas system.
 - t) Table 17-4 – For exposed pipelines, external defect report results are included.
 - u) Table 17-4 – For removed pipelines, external and internal defects and report results are included.

**TABLE 17-2
PACIFIC GAS AND ELECTRIC COMPANY
PLASTIC PIPE HISTORY**

Manufacturers and Brands				
Manufacturer/Brand	From	To	PE Grade	Notes
DuPont Aldyl A	1965	1990	PE2306/2406	
Nipak	1972	1985	PE2306/2406	Went out of business in 1985
Phillips Driscopipe	1972	2000	PE2306/2406 PE3408 (1/4" only)	Merged with Plexco in 2000 to form Performance Pipe
Plexco	1986	2000	PE2306/2406	Merged with Driscopipe in 2000 to form Performance Pipe
CSR/PolyPipe	1991	present	PE2406/2708	Purchased by CSR in 1995, kept PolyPipe name
Uponor	1992	2004	PE2406	Purchased by US Poly
Performance Pipe Driscoplex	2000	present	PE2406/2708 PE4710 (1/4" only)	
US Poly UAC 2000	2004	present	PE2406/2708	Now owned by JM Eagle
KWH Wehogas	2006	present	PE2406/2708	

Note: dates based on best available information and may be approximate.

PLASTIC PIPE DIMENSIONS

Dimensions and Tolerances					
Nominal Size (inches)	SDR	Outside Diameter (inches)	Outside Diameter Tolerance (inches)	Minimum Wall Thickness (inches)	Wall Thickness Tolerance (inches)
¼ CTS	6	0.375	±0.004	0.062	+0.006
½ CTS	7	0.625	±0.004	0.090	+0.009
1 CTS	11.5	1.125	±0.005	0.099	+0.012
1-1/4 IPS	10	1.660	±0.005	0.166	+0.020
2 IPS	11	2.375	±0.006	0.216	+0.026
3 IPS	11.5	3.500	±0.008	0.304	+0.036
4 IPS	13.5	4.500	±0.009	0.333	+0.040
4 IPS ¹	11.5	4.500	±0.009	0.391	+0.047
6 IPS	13.5	6.625	±0.011	0.491	+0.059
6 IPS ¹	11.5	6.625	±0.011	0.576	+0.069
8 IPS	13.5	8.625	±0.013	0.639	+0.077

¹ 4" IPS and 6" IPS purchased by PG&E was SDR 11.5 until 1996, at which point a switch was made to SDR 13.5 (per Gas Bulletin 90.) Given a three-year storage life, SDR 11.5 pipe could have been used through 1999.

TABLE 17-3
PACIFIC GAS AND ELECTRIC COMPANY
STEEL PIPE DIMENSIONS

STEEL PIPE DIMENSIONS A: Pipe, Mains, Services Prepared by: JZB1



CODE NUMBERS FOR STEEL PIPE

A) 15

Asset type: Gas Transmission and Distribution Function: Design
 Issued by: G M Vol 1 (check) Original Signed By Date: 04) 21) 08
 Rev. # 06: This document replaces Revision # 05. of For the changes, please see Page 2.

This document also appears in following manual:

- Gas Applicant Design Manual

Purpose and Scope

This numbered document provides code numbers for steel pipe.

Acronyms

- ARC: abrasive resistant coating
- DSAW: double submerged arc welded
- ERW: electric resistance welded
- FBE: fusion bonded epoxy
- SMLS: seamless

Table 1 PG&E Standardized Pipe

Nominal Pipe Diameter (Inches)	Pipe Outside Diameter (Inches)	Wall Thickness (Inches)	Grade	Seam Type	Code for Bare	Code for Wrapped	Code for FBE	Code for FBE+ ARC
3 / 4	1.050	0.113		B	SMLS	011574	010067-	
		0.154		B	SMLS	011951	011036-	
1	1.315	0.133		B	SMLS	011575	-	-
		0.179		B	SMLS	011935	-	-
1) 1 / 4		1.660	0.140		B	SMLS	01-1576	- 01010
2	2.375		0.154	B	SMLS	011578		01-0147
3	3.500		0.216	B	SMLS	011692		01-0178
4	4.500	0.188		X42 W	ER 010941	-	010914	-
		0.237		B	SMLS	011693	010364	0107
6	6.625	0.188		X52 W	ER 011004	-	010944	-
		0.280		B	SMLS	011688	010014	0108
8	8.625	0.188		X52 W	ER 010717	-	010718	0107
		0.250		X42 W	ER 010237	-	010838	0108
		0.322		B	SMLS	011689	010029	0108
10	10.750	0.250		X52 W	ER 010797	-	010798	0108
		0.365		B	SMLS	011804	010034	0108
12	12.750	0.281		X52 W	ER 010806	-	010935	0109
		0.375		B	SMLS	011948	010037	0108

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A) Page 1 of 2

TABLE 17-3
 PACIFIC GAS AND ELECTRIC COMPANY
 STEEL PIPE DIMENSIONS
 (CONTINUED)

A: Pipe, Main, Services

STEEL PIPE DIMENSIONS
 Code Numbers for Steel Pipe

Table 1 PG&E Standard Pipe Sizes, continued

Nominal Pipe Diameter (Inches)	Pipe Outside Diameter (Inches)	Wall Thickness (Inches)	Grade	Seam Type	Code for Bare	Code for Wrapped	Code for FBE	Code for FBE+ ARC
16	16.000	0.312		X52 W	ER 0110	51 -	010038	01085
		0.375		B	SMS	0118-19	010039	01085
20	20.000		0.375	W X60	00108	ER 8 -	-	-
24	24.000	0.375		X60	DSAW	010901	010790	01090
		0.500		X60	DSAW	010052	010057	01086
26	26.000	0.375		X60	DSAW	010864	010866	01086
		0.500		X60	DSAW	010904	010905	01090
30	30.000	0.375	X60	DSAW	010722	-	010767	01086
		0.500		X60	DSAW	010500	010869	01087
34	34.000		0.505	X60	DSAW	-	0100818097	80
36	36.000		0.500	X65	DSAW	-	0100910099	10

¹ Pipe with this wall thickness requires 42) minimum layer, to ensure adequate protection from traffic loads.

Revision Notes

Revision 06 has the following changes:

1. Updated the data in Table 1.
2. This document is part of Change 60.

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CRT	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINE SIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED Y/N	COATING REPAIRED Y/N	SUPPORT COND	GOUGING Y/N	DISCOLOR Y/N	CRACKING Y/N	TEE CAP CRACK Y/N
Kern	Kern	Dowling	Bakersfield	7/6/11			2	TP (>60psig)		y	3.00	Steel	16.00	Tape	Good		None	n						
San Francisco	San Francisco	Marine	San Francisco	7/6/11	3	E12	52	LP (<=10.5"wc)	2011	n	17.00	PE 2406/2708 (Yellow)	1.00	Bare/None	Fair		None	n	n	Good	n	n	n	
San Francisco	San Francisco	Tehama	San Francisco	7/6/11	2	F04	27	HP (<=60psig)	1959	y	3.00	Steel	1.25	Double wrap	Excellent		None	n		Good	n			
Sacramento	Sacramento		Sacramento	7/6/11	2527	F03	23	HP (<=60psig)		y	2.00	Steel	0.75	Hot Applied Asphalt	Fair		None	n	y	Good				
Sacramento	Sacramento	Greenback	Citrus Heights	7/6/11	2467	G05	27	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Fair		None	y	y	Good				
De Anza	De Anza	Palomares	Saratoga	7/2/11	2472		1	HP (<=60psig)	1974	y	0.00	Steel	0.75	Double wrap	Fair		None	n	n	Good				
Central Coast	Salinas	5th	Gonzales	7/9/11	2964	J05	4	HP (<=60psig)	1991	y	1.00	Steel	0.75	Epoxy	Fair		None	n		Good				
Fresno	Fresno	S	Orange	7/5/11				HP (<=60psig)																
San Francisco	San Francisco	Folsom	San Francisco	7/5/11			96	HP (<=60psig)																
Gas Transmission	SS North	Vierra	Antioch	7/5/11	57		22	TP (>60psig)	1972	y	40.00	Steel	34.00	Hot Applied Asphalt	Good		None	n	n	Good	n	n	n	
San Francisco	San Francisco	21st	San Francisco	7/5/11	3	C09	46	SHF (<=25psig)	2011	y	12.00	Steel	4.00	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	Monterey	Fresno	7/5/11			2	HP (<=60psig)																
Central Coast	Coast	Milky	Aptos	7/5/11	3677		1	TP (>60psig)	1941	y	3.00	Steel	8.00	Hot Applied Asphalt	Fair		None	y	y	Good				
Central Coast	Coast	Milky	Aptos	7/5/11	3677	E08	0	TP (>60psig)	1941	y	2.00	Steel	0.75	Extra Coat	Excellent		None	y	y	Good				
Sacramento	Yolo	Old Davis		7/6/11	2582		1	TP (>60psig)		y	1.00	Steel	3.00											
Sacramento	Yolo	California	Davis	7/6/11	2582		1	TP (>60psig)		y	1.00	Steel	3.00											
Sacramento	Yolo	California	Davis	7/6/11	2582		1	TP (>60psig)		y	1.00	Steel	3.00											
Central Coast	Coast	Terrace	Felton	7/6/11	3598		5	HP (<=60psig)	1979	y	1.00	PE 2406 (Orange)												
Gas Transmission	SS North	Meridian	Meridian	7/6/11	2151	I01	0	TP (>60psig)	1991	n	40.00	Steel	8.00	Tape	Excellent		None	n	n	Good	n	n	n	
Kern	Kern	Mayu	Ridgecrest	7/6/11			15	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00											
Central Coast	Coast	Terrace	Felton	7/6/11	3598	E05	13	HP (<=60psig)	1980	y	1.00	PE 2406/2708 (Yellow)	1.25											
Fresno	Fresno	N 6th	Fresno	7/7/11		H03	24	HP (<=60psig)	1980	y	6.00	Steel	0.75	Double wrap	Good		None	n		Good	n	n	n	
San Francisco	San Francisco	Mission	San Francisco	7/7/11			54	HP (<=60psig)																
San Francisco	San Francisco	Almaden	San Francisco	7/7/11	1	F12	55	LP (<=10.5"wc)	2011	n	10.00	Steel	1.25	Hot Applied Asphalt	Fair		None	y	y	Good	n	n	n	
San Francisco	San Francisco	Gorham	San Francisco	7/7/11	3	F15	40	HP (<=60psig)	2011	n	2.00	Steel	4.00	Single wrap	Fair		None			Good				
San Francisco	San Francisco	Kansas	San Francisco	7/7/11	4	B03	72	HP (<=60psig)	2002	n	2.00	PE 2406/2708 (Yellow)	0.50											
North Bay	Vallejo	Lori	Benicia	7/7/11	2909	F01	82	HP (<=60psig)	1989	n	10.00	PE 2406 (Orange)	2.00											
Sacramento	Yolo	2nd	Davis	7/8/11	2582	B07	6	HP (<=60psig)	1989	n	2.00	PE 2406/2708 (Yellow)	2.00											
San Francisco	San Francisco	Juanita	San Francisco	7/8/11			76	HP (<=60psig)																
San Francisco	San Francisco	Folsom	San Francisco	7/8/11			85	HP (<=60psig)																
Kern	Kern	Oregon		7/11/11			93	HP (<=60psig)	1983	n	2.00	PE 2406 (Orange)	2.00											
North Valley	Redding	Roan	Anderson	7/11/11	1151	G02	1	HP (<=60psig)	1963	y	28.00	Steel	0.75	Double wrap	Fair		Light	y	n	Good	n	n	n	
Kern	Kern	Sunland	Ridgecrest	7/11/11			35	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Good	Acceptable	Light	n	n	Good				
San Francisco	San Francisco	Stoneybrook	Presidio	7/11/11			86	HP (<=60psig)																
North Bay	Marin	Bulkley	Sausalito	7/11/11	3042	D03	14	HP (<=60psig)	1940	y														
North Bay	Marin	Bulkley	Sausalito	7/11/11	3042	D03	14	HP (<=60psig)	1940	y														
San Francisco	San Francisco	Langton	San Francisco	7/12/11			74	HP (<=60psig)																
Gas Transmission	SS North	Brannan Island	Rio Vista	7/12/11			0	TP (>60psig)																
Gas Transmission	SS North	Highway 12	Rio Vista	7/12/11				TP (>60psig)																
Gas Transmission	SS North	Highway 12	Rio Vista	7/12/11				TP (>60psig)																
Sacramento	Sacramento	Madison	Carmichael	7/13/11	2467	I01	31	HP (<=60psig)		y	3.00	Steel	1.25											
San Francisco	San Francisco	Le Conte	San Francisco	7/13/11	6	A04	12	LP (<=10.5"wc)		n	8.00	Steel	4.00	Single wrap	Good		None							
Fresno	Fresno	Trinity	Fresno	7/14/11			46	HP (<=60psig)		y	4.00	Steel	6.00	Hot Applied Asphalt	Good		None	n		Good				
Fresno	Fresno	Fulton	Fresno	7/14/11				HP (<=60psig)		y	2.00	Aldyl A	0.50											
Fresno	Fresno	Trinity	Fresno	7/14/11			46	LP (<=10.5"wc)		y	4.00	Steel	6.00	Hot Applied Asphalt	Good		None	n						
Sacramento	Sacramento	Raley	Sacramento	7/15/11	2526	A04	37	HP (<=60psig)		y	4.00	Steel	4.00											
Fresno	Fresno	Meno	Fresno	7/15/11			63	LP (<=10.5"wc)		n	6.00	PE 2406/2708 (Yellow)	1.00											
Fresno	Fresno	Meno	Fresno	7/15/11			63	LP (<=10.5"wc)		n	6.00	PE 2406/2708 (Yellow)	1.00											
North Valley	Redding	Third	Redding	7/15/11	1080		16	HP (<=60psig)	1963	y	8.00	Steel	0.75	Hot Applied Asphalt	Poor		None	y		Good				
Sacramento	Sacramento	Folsom	Sacramento	7/15/11	2588	B01	4	HP (<=60psig)		y	5.00	Steel	4.00											
Sacramento	Sacramento	Shader	Sacramento	7/16/11	2586	J07	33	HP (<=60psig)		y	2.00	Steel	2.00	Hot Applied Asphalt	Good									
San Francisco	San Francisco	Nobson Rising	San Francisco	7/16/11	4	A05	48	HP (<=60psig)	2011	n	4.00	PE 2406/2708 (Yellow)	2.00											
North Valley	Redding	Rainbow	Redding	7/16/11	1079	E06	40	HP (<=60psig)	1963	y	15.00	Steel	4.00	Double wrap	Fair		None	y	y	Good				
Sacramento	Sacramento	Shader	Sacramento	7/16/11	2586	J07	33	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Good			y	y	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	UNE SIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED Y/N	COATING REPAIRED Y/N	SUPPORT COND	GOUGING Y/N	DISCOLOR Y/N	CRACKING Y/N	TECAP CRACK Y/N
Fresno	Fresno	Balch	Fresno	7/17/11			63	LP (<=10.5"wc)		y	6.00	PE 2406/2708 (Yellow)	1.00									n	n	n
Fresno	Fresno	E Kings Canyon	Fresno	7/18/11			4	HP (<=60psig)		n	4.00	Steel	2.00	Double wrap	Good		None	n		Good				
San Jose	San Jose	Stevens Creek	San Jose	7/19/11	3412	E03	26	HP (<=60psig)	1956	y	6.00	Steel	8.00	Double wrap	Good		None	y	y	Good				
Sacramento	Sacramento	30th	North Highlands	7/19/11	2465	E08	4	TP (>60psig)		y	2.00	Steel	0.75	Double wrap	Good		None	y	y	Good				
North Valley	Redding	Lake	Shasta Lake City	7/19/11	1010		2	HP (<=60psig)	1970	y	2.00	Steel	0.75	Tape	Good		None	n		Good				
Kern	Kern	Airport	Bakersfield	7/19/11			45	HP (<=60psig)	1996	n	4.00	PE 2406/2708 (Yellow)	1.25								n	n	n	n
San Francisco	San Francisco	Brussels	San Francisco	7/19/11			78	HP (<=60psig)	1994	n	1.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Fresno	Fresno	Bethel	Sanger	7/20/11			4	HP (<=60psig)		y	10.00	Steel	6.00	Hot AppliedAsphalt	Good		None	y	y					
Kern	Kern	Morro	Bakersfield	7/20/11			7	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Kern	Kern	San Emedeo	Taft	7/20/11			20	SHP (<=25psig)		n	3.00	PE 2406 (Orange)	0.50								n	n	n	n
North Valley	Redding	Forest	Shasta Lake City	7/20/11	1010		2	HP (<=60psig)	1964	y	3.00	Steel	0.75	Tape	Good		None	n		Good				
North Coast	Ukiah	Myron	Ukiah	7/21/11	2130	C01	21	SHP (<=25psig)	1969	y	6.00	Steel	0.75	Extru Coat	Excellent		None	n	n	Good				
Kern	Kern	Keith	Bakersfield	7/21/11			18	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E Kings Canyon	Fresno	7/21/11	3870		7	HP (<=60psig)			2.00	PE 2406 (Orange)	1.25								n	n	n	n
San Francisco	San Francisco	Foerster	San Francisco	7/21/11			39	HP (<=60psig)	2011			1.25	Hot AppliedAsphalt	Good		None	n		Good					
Sacramento	Sacramento	Younger Creek	Sacramento	7/22/11	2588	E01	6	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
San Francisco	San Francisco	Noriega	San Francisco	7/22/11			22					4.00	Somastic	Fair		Light	n	n	Good					
Kern	Kern	Meacham	Bakersfield	7/22/11				TP (>60psig)		y	1.00	Steel	16.00	Somastic	Good		None	n						
San Francisco	San Francisco	Market	San Francisco	7/22/11		B15	14	LP (<=10.5"wc)	2011	y	6.00	Steel	16.00	Double wrap	Excellent		None	y	y	Good				
Fresno	Fresno	Madison	Fresno	7/22/11			8	HP (<=60psig)		y	3.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	y	y					
San Francisco	San Francisco	Calne	San Francisco	7/22/11			72					PE 2406/2708 (Yellow)										n	n	n
Sacramento	Sacramento	Tilden	Orangevale	7/22/11	2468	F08	10	HP (<=60psig)		y	4.00	Steel	0.75											
Fresno	Fresno	Fulton	Fresno	7/23/11			74	HP (<=60psig)		y	2.00	Steel	0.75	Hot AppliedAsphalt	Poor		None	y	y					
Fresno	Fresno	Trinity	Fresno	7/23/11			46	LP (<=10.5"wc)		y	2.00	Steel	6.00	Double wrap	Good		None	n		Good				
Kern	Kern	Garden	Bakersfield	7/25/11	5027	I08	6	HP (<=60psig)	1994	n	1.00	PE 2406 (Orange)	0.50								n	n	n	n
North Valley	Redding	PleasantHills	Anderson	7/25/11	1151	J02	24	HP (<=60psig)	2005	n	10.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
North Valley	Redding	PleasantHills	Anderson	7/25/11	1151	J02	24	HP (<=60psig)	2005	n	10.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Sacramento	Solano	Bristol	Fairfield	7/26/11	2777		40	HP (<=60psig)		y	6.00	Steel	2.00											
Kern	Kern	Taft		7/26/11	5127		3	HP (<=60psig)		y	3.00	Steel	4.00	Hot AppliedAsphalt	Good		None	y	y					
Kern	Kern	4 Th	Bakersfield	7/26/11			8	HP (<=60psig)		y	3.00	Steel	1.00	Hot AppliedAsphalt	Good		None	y	y	Good				
North Valley	Redding	C	Redding	7/26/11	1080	F02	3	HP (<=60psig)	1963	y	12.00	Steel	2.00	Double wrap	Fair		None	y	y	Good				
North Coast	Eureka	H	Eureka	7/26/11	849	G01	79	HP (<=60psig)	1951	y	6.00	Steel	4.00	Somastic	Good		Light	n						
North Valley	Redding	Eureka	Redding	7/27/11	1079		1	HP (<=60psig)	1964	y	10.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n		Good				
North Valley	Redding	Eureka	Redding	7/27/11	1079		1	HP (<=60psig)	1964	y	10.00	Steel	4.00	Double wrap	Good		None	n		Good				
North Valley	Redding	Eureka	Redding	7/27/11	1079		1	HP (<=60psig)	1976	y	6.00	Steel	2.00	Double wrap	Good		None	n						
San Francisco	San Francisco	Sanchez	San Francisco	7/28/11			64					PE 2406/2708 (Yellow)	0.50								n	n	n	n
San Francisco	San Francisco	Pacific	San Francisco	7/28/11			12	HP (<=60psig)	2011	n	2.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Fresno	Fresno	S Temperance	Fowler	7/28/11			2	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Fresno	Fresno	Sunland	Fresno	7/28/11			7	HP (<=60psig)		y	6.00	Steel	4.00	Single wrap	Good		None	n		Good				
Fresno	Fresno	Sunland	Fresno	7/28/11			7	HP (<=60psig)		y	6.00	Steel	4.00	Single wrap	Good		None	n		Good				
Fresno	Fresno	Sunland	Fresno	7/28/11			7	HP (<=60psig)		y	8.00	Steel	4.00	Single wrap	Good		None	n		Good				
San Francisco	San Francisco	Prentiss	San Francisco	7/29/11			4	HP (<=60psig)	2004	n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Kern	Kern	Sims		7/29/11			23	HP (<=60psig)	1983	n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
San Francisco	San Francisco	Rockaway	San Francisco	7/29/11		D12	3	LP (<=10.5"wc)	2011	n	4.00	Steel	4.00	Hot AppliedAsphalt	Good		None	y	y	Good				
North Valley	Redding	North	Shasta Lake City	7/29/11	1010	B08	64	HP (<=60psig)	1964	y	6.00	Steel	0.75	Epoxy	Good		None	n	n	Good				
Fresno	Fresno	E Balch	Fresno	8/1/11			39	HP (<=60psig)	2011	y		PE 2406/2708 (Yellow)	1.00								n	n	n	n
North Valley	Redding	Lakeview	Redding	8/1/11	1079	C05	49	HP (<=60psig)	1962	y	1.00	Steel	2.00	Double wrap	Good		None	n		Good				
Fresno	Fresno	W Shields	Fresno	8/1/11			15	HP (<=60psig)		y	2.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n						
Fresno	Fresno	S West	Easton	8/1/11			1	TP (>60psig)		y	12.00	Steel	16.00	Other	Fair		None	n						
North Coast	Ukiah	N State	Ukiah	8/2/11	2129	B08	23	SHP (<=25psig)	1955	y	8.00	Steel	6.00	Hot AppliedAsphalt	Fair		None	y	y	Good				
Sacramento	Yolo	1st	Winters	8/2/11	2579	E01	10	HP (<=60psig)		y	2.00	Steel												
San Francisco	San Francisco	Hickory	San Francisco	8/2/11			43	HP (<=60psig)				PE 2406/2708 (Yellow)	0.50								n	n	n	n
San Francisco	San Francisco	Niagara	San Francisco	8/2/11		A13	38	LP (<=10.5"wc)	2011	y	1.00	PE 2406/2708 (Yellow)	1.25								n	n	n	n
North Valley	Redding	Jonquil	Redding	8/2/11	1080		7	HP (<=60psig)	1969	y	2.00	Steel	0.75	Double wrap	Fair		None	n		Good				
San Francisco	San Francisco	Page	San Francisco	8/3/11		A16	31	HP (<=60psig)				PE 2406/2708 (Yellow)	0.50								n	n	n	n
North Coast	Ukiah	Leslie	Ukiah	8/3/11	2130	D01	37	TP (>60psig)	1967	y	1.00	Steel	12.00											

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	UNE SIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED Y/N	COATING REPAIRED Y/N	SUPPORT COND	GOUGING Y/N	DISCOLOR Y/N	CRACKING Y/N	TECAP CRACK Y/N
Fresno	Fresno	W Fresno	Fowler	8/3/11			12	HP (<=60psig)	1996		3.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
San Francisco	San Francisco	Revere	San Francisco	8/3/11			40					PE 2406/2708 (Yellow)	1.25								n	n	n	n
North Coast	Ukiah	Lake Mendocino	Ukiah	8/4/11	2068	I08	4	HP (<=60psig)	1968	y	6.00	Steel	2.00	Single wrap	Good		None	n		Good				
Fresno	Fresno			8/4/11			116	HP (<=60psig)		n	10.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Kern	Kern	Belaire	N Edwards	8/4/11			7	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		Light							
Fresno	Fresno	S 6th		8/6/11			35	HP (<=60psig)	1934	y	3.00	Steel	4.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Fresno	Fresno	C		8/6/11			55	HP (<=60psig)	1933	y	4.00	Aldyl A	0.50								n	n	n	n
Fresno	Fresno	E Jensen	Fresno	8/7/11			18	HP (<=60psig)	1961	y	2.00	Steel	10.00	Hot AppliedAsphalt	Good		None	n		Good				
Sacramento	Sacramento	55th	Sacramento	8/8/11	2587	A02	58	HP (<=60psig)		y	3.00	Steel	2.00											
Sacramento	Sacramento	Norcade	Sacramento	8/8/11	2527	J04	6	HP (<=60psig)		y	4.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	y	y	Good				
Fresno	Fresno	S West	Fresno	8/8/11			2	HP (<=60psig)	2011	n	3.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Fresno	Fresno	W Elgin	Fresno	8/8/11			12	HP (<=60psig)	1947	y	2.00	PE 2406/2708 (Yellow)	0.50											
Fresno	Fresno	E Barstow	Clovis	8/8/11				HP (<=60psig)	1950	y	6.00	Steel		Hot AppliedAsphalt	Good		None	n						
Fresno	Fresno	W Elgin	Fresno	8/8/11			12	HP (<=60psig)	1947	y	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Sacramento	Solano	Weatherly	Vacaville	8/8/11	2715	E08	7	HP (<=60psig)	1972	y	3.00	Steel	4.00											
San Jose	San Jose	Forest	SantaClara	8/9/11	3412	E03	5	HP (<=60psig)	1940	y	4.00	Steel	2.00	Double wrap	Good		None	n						
Fresno	Fresno	Tuolumne	Fowler	8/9/11			17	HP (<=60psig)	1985	y	2.00	Aldyl A	1.00								n	n	n	n
Fresno	Fresno	North Hill	Selma	8/9/11				HP (<=60psig)	2011	n	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	E Alta	Fresno	8/9/11			8	HP (<=60psig)		y	3.00	Steel	3.00	Hot AppliedAsphalt	Good		None	n		Good				
Fresno	Fresno			8/9/11			9																	
Fresno	Fresno			8/9/11			9	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	21st	Bakersfield	8/9/11			10	HP (<=60psig)	1975	n	1.00	PE 2406 (Orange)	2.00											
Fresno	Fresno	E Goshen	Fresno	8/9/11			8	HP (<=60psig)	1988	n	1.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	D	Ridgecrest	8/9/11			20	HP (<=60psig)	2011	n	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	3rd	Sacramento	8/10/11	2586	A07	11	HP (<=60psig)		y	3.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Sacramento	Sacramento	Hazel	Orangevale	8/10/11	2468	I05	26	HP (<=60psig)		y	6.00	Steel	0.75											
Fresno	Fresno	E Tower	Fresno	8/10/11			7	HP (<=60psig)	2011	y	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Polk	Fresno	8/10/11			6	HP (<=60psig)		n	2.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	E Michigan	Fresno	8/10/11			14	HP (<=60psig)	1994	y	2.00	PE 3408 (Black)	0.00											
North Coast	Ukiah	Talimage	Ukiah	8/10/11	2130	E02	6	SHP (<=25psig)	1999	n	1.00	Aldyl A									n	n	n	n
Fresno	Fresno	E Lansing	Fresno	8/11/11			6	HP (<=60psig)	2011	y	7.00	Steel		Double wrap	Good		None	n		Good				
Kern	Kern	10th	Bakersfield	8/11/11			34		1968	n	2.00	Steel	4.00	Double wrap	Good		None	n	n					
North Valley	Redding	Argyle	Redding	8/12/11	1080	F08	6	HP (<=60psig)	1990	n	12.00	PE 2406 (Orange)	6.00								y	n	n	n
Fresno	Fresno	E Muscat	Fresno	8/12/11			1	HP (<=60psig)			5.00	Steel	1.00	Hot AppliedAsphalt	Excellent	Acceptable	None	y	y					
Kern	Kern	22nd	Bakersfield	8/12/11			89	HP (<=60psig)	1997		2.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Sacramento	Sacramento	W	Citrus Heights	8/12/11	2467	E03	54	HP (<=60psig)		y	5.00	Steel												
North Coast	Ukiah	Mendocino	Ukiah	8/15/11	2129	E07	12	SHP (<=25psig)	1968	y	10.00	Steel	0.75	Extru Coat	Good		None	n	n	Good				
Fresno	Fresno	S Woodrow	Fresno	8/15/11				HP (<=60psig)	1974		3.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Dearing	Fresno	8/15/11			53	HP (<=60psig)	1976	n	1.00	Aldyl A	2.00								n	n	n	n
Fresno	Fresno	N Blackstone	Fresno	8/16/11			22	HP (<=60psig)	2011	n														
Fresno	Fresno	N Fine	Fresno	8/16/11			16	HP (<=60psig)	2011	n	4.00	PE 2406 (Orange)	1.00								n	n	n	n
Sacramento	Solano	Redhead	Suisun	8/16/11	2778	E03	27	HP (<=60psig)		n	3.00	Aldyl A	0.50											
Gas Transmission	GS South	Oak Creek	Needles	8/17/11	5812	A03	0	TP (>60psig)		y	20.00	Steel	30.00	Hot AppliedAsphalt	Excellent		None	n	n	Good				
Gas Transmission	GS South	No Road	Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	y	10.00	Steel	30.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Gas Transmission	GS South	No Road	Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	y	20.00	Steel	30.00	Hot AppliedAsphalt	Fair		None	n	y	Good				
Gas Transmission	GS South	No Road	Needles	8/17/11	5812	A03	0	TP (>60psig)	1950	y	20.00	Steel	30.00	Hot AppliedAsphalt	Fair		None	n	y	Good				
San Francisco	San Francisco	Clay	San Francisco	8/17/11		1	E12	1	HP (<=60psig)		3.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Fresno	Fresno	E Floral	Selma	8/17/11			11	HP (<=60psig)		y	2.00	Steel	2.00	Single wrap	Good		None	n		Good				
Kern	Kern	Warren	Bakersfield	8/17/11					2.00		2.00	PE 2406 (Orange)	0.50								n	n	n	n
North Coast	Arcata	Eastern	Arcata	8/18/11	784	H02	22	HP (<=60psig)	1947	y	4.00	Steel		Somastic	Excellent		None	n	y	Good				
Kern	Kern	F		8/18/11			16	SHP (<=25psig)	1974	n	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	1st	Fellows	8/18/11			16	SHP (<=25psig)	1974	n	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	E Garland	Fresno	8/18/11			42	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Fresno	Fresno	E Lowe	Fresno	8/18/11			4	HP (<=60psig)		y	5.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Prospect	Fresno	8/19/11			46	HP (<=60psig)		n	3.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	Montecito	Fresno	8/19/11			13	HP (<=60psig)		y	6.00	Steel	3.00	Hot AppliedAsphalt	Good		None	y	y	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TEECAP CRACK YN
Fresno	Fresno	E Lansing	Fresno	8/19/11			2	HP (<=60psig)		n	5.00	PE 2406 (Orange)	1.00								n	n	n	n
North Valley	Redding	Argyle	Redding	8/19/11	1080	F08	6	HP (<=60psig)	1990	n	12.00	PE 2406 (Orange)	6.00								y	n	n	n
Fresno	Fresno	N Hubert	Fresno	8/19/11			10	HP (<=60psig)		y	4.00	Steel	2.00	Other	Excellent		None							
San Francisco	San Francisco	Locust	San Francisco	8/19/11	1	E13	52	HP (<=60psig)				PE 2406/2708 (Yellow)	0.50								n	n		
Kern	Kern		Bakersfield	8/20/11			86	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Kern	Kern		Bakersfield	8/20/11			68	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern		Bakersfield	8/20/11			85	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	Berkshire	Bakersfield	8/20/11			29	HP (<=60psig)	2002	n														
San Francisco	San Francisco	Diamond	San Francisco	8/22/11	3	D15	65	HP (<=60psig)				PE 2406 (Orange)	2.00	Hot Applied Asphalt	Good		None	n						
Fresno	Fresno	Thorne	Fresno	8/23/11			39	HP (<=60psig)		n	7.00	PE 2406 (Orange)	1.25								n	n	n	n
Kern	Kern	Meacham	Bakersfield	8/23/11			1	TP (>60psig)		y	1.00	Steel	16.00	Somastic	Good		None	n						
Fresno	Fresno	W Stanislaus	Fresno	8/24/11			20	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	De Wolf	Clovis	8/24/11				HP (<=60psig)		n	8.00	PE 2406/2708 (Yellow)	2.00											
Fresno	Fresno	W Barstow	Fresno	8/24/11			56	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00								n	n	n	n
Fresno	Fresno	De Wolf	Clovis	8/24/11			52	HP (<=60psig)		n	10.00	PE 2406/2708 (Yellow)	4.00											
Fresno	Fresno	De Wolf	Clovis	8/24/11				HP (<=60psig)		n	5.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Sacramento	D	Sacramento	8/24/11	2525	G04	9	TP (>60psig)		y	1.00	Steel	12.00											
Fresno	Fresno	N Cedar	Fresno	8/25/11			8	HP (<=60psig)		y	3.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	H	Bakersfield	8/25/11			34	HP (<=60psig)			3.00	Steel		Hot Applied Asphalt	Good		None	n	n					
Fresno	Fresno	W Gibson	Fresno	8/25/11			29	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E	Kerman	8/25/11			16	HP (<=60psig)		n	1.00	PE 2406 (Orange)	0.50								n	n	n	n
Gas Transmission	GS North	Road	Suisun	8/26/11				HP (<=60psig)		y		Steel		Somastic	Good			n						
Fresno	Fresno	Holland	Clovis	8/26/11			48	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	N Wishon	Fresno	8/26/11			38	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	y	y	Good				
North Valley	Redding	Deodar	Redding	8/26/11	1010	I04	4	HP (<=60psig)	1977	n											n	n	n	n
Fresno	Fresno	W Robinwood	Fresno	8/26/11			8	HP (<=60psig)		n														
Kern	Kern	K		8/26/11			100	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern			8/26/11			1	TP (>60psig)	1948	y	1.50	Steel	16.00	Hot Applied Asphalt	Excellent		None	n	n					
Kern	Kern	K	Bakersfield	8/26/11			100	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	Gosford	Bakersfield	8/27/11			24	HP (<=60psig)	2011	n	3.00	PE 2406/2708 (Yellow)	4.00											
Fresno	Fresno	W Dudley	Fresno	8/27/11			5	HP (<=60psig)		y	4.00	Steel	0.75		Fair		None	n	n					
Gas Transmission	GS South	No Road		8/29/11				TP (>60psig)	1988	y	10.00	Steel	12.00	Tape	Good		None	n						
Gas Transmission	GS South	Rodriguez	Watsonville	8/29/11	3751	A03	0	TP (>60psig)	1988	y	10.00	Steel	12.00	Tape	Good		None	n	n	Consult Pipeline Engineer				
Fresno	Fresno	N Van Ness	Fresno	8/29/11			5	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
North Valley	Redding	Parallel	Shasta Lake City	8/29/11	1011	C03	20	HP (<=60psig)	1986	y	2.00	Aldyl A	0.50								n	n	n	n
Fresno	Fresno	N Delno	Fresno	8/29/11			12	HP (<=60psig)		y	6.00	Steel		Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	Clovis	Clovis	8/30/11			52	HP (<=60psig)		y	4.00	Steel	3.00	Hot Applied Asphalt	Good		None	n		Good				
Fresno	Fresno	Clovis	Clovis	8/30/11			52	HP (<=60psig)		y	2.00	Steel	3.00	Hot Applied Asphalt	Good		None	y		Good				
Fresno	Fresno	E Richert	Fresno	8/30/11			16	HP (<=60psig)		y	9.00	Steel	2.00	Double wrap	Fair		None	y	y	Good				
Kern	Kern		Inyokern	8/30/11			2	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	Padre	Bakersfield	8/31/11	5028	D01	38	HP (<=60psig)	1949	y	3.00	Steel	0.75	Double wrap	Fair		None	y	y	Good				
North Valley	Redding	North	Redding	8/31/11	1079	J07	19	HP (<=60psig)	1962	y	3.00	Steel	2.00	Double wrap	Good		None							
Sacramento	Sofano	Peabody	Fairfield	8/31/11	2716	I01	6	TP (>60psig)		y	3.00	Steel	6.00											
Kern	Kern	Rose	Taft	8/31/11			56	SHP (<=25psig)		n	5.00	Aldyl A	0.50								n	n	n	n
Kern	Kern	Lamar	N Edwards	9/1/11			4	HP (<=60psig)	1952	y		Steel	2.00	Double wrap	Good		None	y	y	Good				
Kern	Kern	Prata	Bakersfield	9/1/11			4	HP (<=60psig)	2011	y	3.00	Steel	2.00	Double wrap	Fair		None	y	y	Good				
Sacramento	Sacramento	Uinden	Citrus Heights	9/1/11	2467	B05	1	HP (<=60psig)		y	1.00	Steel	0.75	Hot Applied Asphalt	Fair		Light	y	y	Good				
Sacramento	Sacramento	Laguna	Elk Grove	9/1/11	2654	F07	1	TP (>60psig)		y	1.00	Steel	8.00	Single wrap	Excellent		None	n	n	Good				
Sacramento	Sacramento	Laguna	Elk Grove	9/1/11	2654	F07	1	HP (<=60psig)		n	4.00	Steel	6.00											
Sacramento	Sacramento	7th		9/1/11	2525	H03	44	HP (<=60psig)		y														
Fresno	Fresno	Academy	Sanger	9/1/11			57	HP (<=60psig)		y	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Yolo	Alvarado	Davis	9/2/11	2521	J03	26	HP (<=60psig)	1972	y	4.00	Steel	2.00											
North Valley	Redding	Toyon	Shasta Lake City	9/2/11	1010	B05	23	HP (<=60psig)	1964	y	3.00	Steel	0.75	Double wrap	Good		None	n						

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TEECAP CRACK YN
Kern	Kern	A	Taft	9/2/11			20	SHP (<=25psig)	1956	y	3.00	Steel		Double wrap	Fair		None	y	y	Good				
Fresno	Fresno	E Edgar	Fresno	9/2/11			4	HP (<=60psig)		n	3.00	PE 2406 (Orange)	1.00								n	n	n	n
Sacramento	Sacramento	14th	Sacramento	9/4/11	2587	C07	6	HP (<=60psig)		y	2.00	Steel	1.25	Single wrap	Good		None	n	n	Good				
Sacramento	Yolo	Alvarado	Davis	9/6/11	2521	J03	26	HP (<=60psig)	1972	y	2.00	Steel	2.00											
Sacramento	Yolo	El Cemente	Davis	9/6/11	2583	A03	3	HP (<=60psig)		y														
North Valley	Redding	Hwy299	Fall River	9/6/11	758	D02	1	HP (<=60psig)	1969		2.00	Aldyl A	0.50								n	n	n	n
Fresno	Fresno	W Dakota	Fresno	9/6/11			66	HP (<=60psig)		y														
Fresno	Fresno	N Angus	Fresno	9/6/11	3869		66				4.00	Steel	0.75				None							
Kern	Kern	Duccio	Bakersfield	9/6/11			2	HP (<=60psig)	2003	n	4.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	East Ranch	Sacramento	9/7/11	2526	I07	27	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Gas Transmission	GS South	No Road	Needles	9/8/11		J03	0	TP (>60psig)	1956	y	15.00	Steel	30.00	HotAppliedAsphalt	Good		None	n	y	Good				
Gas Transmission	GS South	No Road	Needles	9/8/11		J03	0	TP (>60psig)	1956	y	15.00	Steel	30.00	HotAppliedAsphalt	Good		None	n	y	Good				
Gas Transmission	GS South	No Road	Needles	9/8/11		J03	0	TP (>60psig)	1956	y	10.00	Steel	30.00	HotAppliedAsphalt	Good		None	n	y	Good				
Gas Transmission	GS South	No Road	Needles	9/8/11	5812	A03	0	TP (>60psig)	1950	y	10.00	Steel	30.00	HotAppliedAsphalt	Good		None	n	y	Good				
Sacramento	Yolo	El Cemente	Davis	9/8/11	2583	B04	16	HP (<=60psig)	1977	n	2.00	Aldyl A	2.00											
North Valley	Redding	Mulberry	ShastaLake City	9/8/11	1011	E02	6	HP (<=60psig)	1964	y	2.00	Steel	0.75	Double wrap	Good		None	n						
Sacramento	Solano	Davis	Vacaville	9/8/11	2715	D07	31	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Solano	Davis	Vacaville	9/8/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Solano	Davis	Vacaville	9/8/11	2715	D07	9	TP (>60psig)		y														
Fresno	Fresno	N West	Fresno	9/9/11	3868		34				4.00	Steel	0.75	HotAppliedAsphalt	Good		None	y	y	Good				
Fresno	Fresno	Clovis	Clovis	9/9/11				TP (>60psig)			1.00	Steel	4.00				None							
Sacramento	Solano	Davis	Vacaville	9/9/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Solano	Davis	Vacaville	9/9/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Solano	Davis	Vacaville	9/9/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Kern	Kern	Badger Cr		9/10/11			1	TP (>60psig)		y	4.00	Steel	8.00	Single wrap	Good		None	n	n	Good				
Sacramento	Sacramento	Unity Point	Sacramento	9/12/11			119	TP (>60psig)		y	5.00	Steel	12.00											
Fresno	Fresno	W Dudley	Fresno	9/12/11			13	HP (<=60psig)		y	3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Sacramento	Sacramento	Laguna	Elk Grove	9/12/11	2654	F07	1	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	6.00											
Fresno	Fresno	Sierra Madre	Fresno	9/12/11			39	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		None	n	y	Good				
North Valley	Redding	Locust	Cottonwood	9/12/11	1221	E04	22	HP (<=60psig)	1991	n	2.00	Aldyl A	0.50								n	n	n	n
Sacramento	Colusa	Hwy 45	Colusa	9/12/11	2087	C01	1	HP (<=60psig)		y	15.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	Canter	Bakersfield	9/12/11			64	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		None	y	y					
Sacramento	Sacramento	5 Th	Rio Linda	9/12/11	2465	E01	50	HP (<=60psig)	1959	y	4.00	Steel	0.75											
North Coast	Ukiah	Franklin	Willits	9/13/11	1943	E07	8	HP (<=60psig)	1972	n	4.00	Aldyl A	0.50								n	n	n	n
Fresno	Fresno	Kamm	Helm	9/13/11			2				4.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	N Bond	Fresno	9/13/11			53	HP (<=60psig)			8.00	PE 2406 (Orange)	2.00								n	n	n	n
Sacramento	Sacramento	Sonoma	Sacramento	9/13/11	2526	C03	6	TP (>60psig)	1943	y	1.00	Steel	12.00	HotAppliedAsphalt	Good			n	n	Good				
Sacramento	Yolo	Main	Woodland	9/13/11	2460		3	HP (<=60psig)	2011	n	6.00	PE 2406/2708 (Yellow)	2.00											
Sacramento	Solano	Davis	Vacaville	9/14/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Fresno	Fresno	N Fresno	Fresno	9/14/11			3	HP (<=60psig)			5.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Solano	Davis	Vacaville	9/14/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Sacramento	Mack	Sacramento	9/14/11	2529	J01	27	TP (>60psig)		y	4.00	Steel	10.00											
Sacramento	Sacramento	Mack	Sacramento	9/14/11	2587	J01	27	TP (>60psig)		y	2.00	Steel	10.00											
North Coast	Ukiah	N Orchard	Ukiah	9/15/11	2130	C01	5	SHP (<=25psig)	1979	n	10.00	PE 2406 (Orange)	2.00								n	n	n	n
Sacramento	Sacramento	Acacia	Sacramento	9/15/11	2526	C03	2	HP (<=60psig)		y	18.00	PE 2406/2708 (Yellow)	1.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Acacia	Sacramento	9/15/11	2526	C03	2	HP (<=60psig)		y	3.00	Steel	4.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sunrise	Sacramento	9/15/11	2529	J03	2	HP (<=60psig)	1990	y	2.00	Steel	8.00											
North Valley	Redding	Sharon	Redding	9/15/11	1079	E07	106	HP (<=60psig)	1963	y	4.00	Steel	2.00	Double wrap	Good		None	n		Good				
North Valley	RedBluff	Hwy 99W	Corning	9/15/11	1563	I05	3	HP (<=60psig)	1974	n	5.00	Aldyl A	3.00								n	n	n	n
Fresno	Fresno	Weber	Kerman	9/15/11			1		1931		12.00			HotAppliedAsphalt	Poor				n					
Kern	Kern	Poso	Wasco	9/15/11			1	TP (>60psig)	1993	y	10.00	Steel	2.00											
Fresno	Fresno	N Hughes	Fresno	9/15/11			35				2.00	Aldyl A	0.50								n	n	n	n
Sacramento	Sacramento	Acacia	Sacramento	9/15/11	2526	C03	2	HP (<=60psig)		y	1.00	Steel	12.00											

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED Y/N	COATING REPAIRED Y/N	SUPPORT COND	GOUGING Y/N	DISCOLOR Y/N	CRACKING Y/N	TEECAP CRACK Y/N
Fresno	Fresno	N Ring	Fresno	9/16/11			3				2.00	PE 2406/2708 (Yellow)	2.00								n	n	n	
Sacramento	Sacramento	Keifer	Sacramento	9/16/11			1	HP (<=60psig)		y	2.00	Steel	12.00											
Fresno	Fresno	C	Fresno	9/16/11			38				3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Sacramento	Solano	Davis	Vacaville	9/16/11	2715	D07	9	TP (>60psig)		y	4.00	Steel	4.00											
Sacramento	Sacramento	Fitch	Sacramento	9/17/11	2527		6	HP (<=60psig)		y	9.00	Steel		Hot AppliedAsphalt	Fair			n	n	Good				
Sacramento	Sacramento	Fitch	Sacramento	9/17/11	2527		6	HP (<=60psig)			8.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527		6	HP (<=60psig)		y	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527	G03	6	HP (<=60psig)		y	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Fitch	Sacramento	9/18/11	2527	G03	6	HP (<=60psig)		y	9.00	Steel	0.75	Hot AppliedAsphalt	Fair		None	n	n	Good				
Fresno	Fresno	S Peach	Fresno	9/19/11			1	HP (<=60psig)			4.00	Steel	6.00	Hot AppliedAsphalt	Good			n	n	Good				
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528		3	TP (>60psig)		y	1.00	Steel	10.00	Hot AppliedAsphalt	Fair			n	n	Good				
Sacramento	Solano	Sierra	Rio Vista	9/19/11	2851		16	HP (<=60psig)		y	3.00	Steel	4.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	F03	40	HP (<=60psig)		y	1.00	Steel	6.00	Hot AppliedAsphalt	Fair			n	n	Good				
Sacramento	Sacramento	Folsom		9/19/11	2528	H02	4	TP (>60psig)		y	1.00	Steel	10.00											
North Coast	Fortuna	9th	Fortuna	9/19/11	984	I01	45	HP (<=60psig)	1951	y	3.00	Steel	3.00	Single wrap	Good	Acceptable	None	n	n					
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	H02	12	HP (<=60psig)		y	1.00	Steel	6.00											
Sacramento	Sacramento	El Nido	Sacramento	9/19/11	2527	F02	27				5.00	Steel	2.00	Hot AppliedAsphalt	Good	Acceptable	None	n	y	Good				
Kern	Kern	Laguna	Bakersfield	9/19/11			34	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	y	y	Good				
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	H02	3	TP (>60psig)		y	1.00	Steel	10.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/19/11	2528	F06	5	TP (>60psig)		y	1.00	Steel	10.00											
North Coast	Ukiah	E Hill	Willits	9/20/11	1944		1	HP (<=60psig)	1973	n	4.00	PE 2406 (Orange)	0.50								n	n	n	
Fresno	Fresno	E Floral	Selma	9/20/11			53	HP (<=60psig)			4.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	Folsom	Rancho Cordova	9/20/11	2528	H02	5	HP (<=60psig)		y	1.00	Steel	6.00	Hot AppliedAsphalt	Fair			n	n	Good				
North Coast	Ukiah	Barbara	Willits	9/20/11	1943	E07	12	HP (<=60psig)	1980	n	10.00	PE 2406 (Orange)	0.50								n	n	n	
Sacramento	Sacramento	Park	Sacramento	9/20/11	2527	A03	9				4.00	Steel	1.00											
Sacramento	Sacramento	Folsom	Rancho Cordova	9/20/11	2528	H02	5	TP (>60psig)		y	1.00	Steel	10.00	Hot AppliedAsphalt	Fair			n	n	Good				
North Valley	Redding	Leona	Shasta Lake City	9/20/11	1011	D03	18	HP (<=60psig)	1964	y	3.00	Steel	0.75	Hot AppliedAsphalt	Good		None	n	n	Good				
Kern	Kern	Meacham	Bakersfield	9/20/11			2	TP (>60psig)		y	1.00	Steel	16.00		Good			n	n	Good				
Kern	Kern	18th	Bakersfield	9/20/11			1	HP (<=60psig)		y	2.00	PE 2406 (Orange)	0.50								n	n	n	n
North Coast	Ukiah	Talmage	Ukiah	9/21/11	2130	F05	9	SHP (<=25psig)	2008	n	4.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern			9/21/11			9	HP (<=60psig)			2.00	PE 2406 (Orange)									n	n	n	n
Sacramento	Sacramento	Estates	Sacramento	9/21/11	2527	I03	24	HP (<=60psig)		y	2.00	Steel	2.00											
Fresno	Fresno	C	Avenal	9/21/11			12	HP (<=60psig)			4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Fresno	Fresno	Beechwood	Fresno	9/21/11			6	HP (<=60psig)			5.00	PE 2406/2708 (Yellow)	1.00	Hot AppliedAsphalt	Good		None	y	y	Good				
North Coast	Ukiah	S Dora	Ukiah	9/21/11	2129	F08	43	SHP (<=25psig)	1972	n	4.00	Aldyl A	0.50								n	n	n	
Kern	Kern	Meacham	Bakersfield	9/21/11			1	TP (>60psig)		y	2.00	Steel	12.00	Tape	Good			n	n	Good				
Kern	Kern	Meacham	Bakersfield	9/21/11			2	TP (>60psig)		y	1.00	Steel	16.00		Good			n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	9/22/11	2587	C03	46	HP (<=60psig)		y		Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	26th	Rio Linda	9/22/11			1	HP (<=60psig)		y	4.00	Steel		Hot AppliedAsphalt	Fair		None	y	y	Good				
Sacramento	Solano	Tahoe	Rio Vista	9/22/11	2851	E02	2	HP (<=60psig)		y	3.00	Steel	2.00											
Kern	Kern	Gosford		9/22/11			1	HP (<=60psig)		n	3.00	PE 2406 (Orange)	4.00								n	n	n	n
Sacramento	Sacramento	Bell	Sacramento	9/22/11	2526	G06	17	HP (<=60psig)		y	3.00	Steel	3.00	Hot AppliedAsphalt	Fair			n	n	Good				
Sacramento	Sacramento		Sacramento	9/22/11	2655	B03	33	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	2.00								n	n	n	
Sacramento	Sacramento	3rd	Sacramento	9/23/11	2587	B03	31	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	42	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Consult Pipeline Engineer				
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	37	HP (<=60psig)		y	3.00	Steel	3.00	Single wrap	Fair		None	n	n					
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	37	HP (<=60psig)		y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	52	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	2	HP (<=60psig)		y	4.00	Steel	4.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/23/11	2587	C03	1	HP (<=60psig)		y	4.00	Steel	4.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	9/23/11	2587	C03	42	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	49	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/23/11	2587	C03	49	HP (<=60psig)		y	3.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED Y/N	COATING REPAIRED Y/N	SUPPORT COND	GOUGING Y/N	DISCOLOR Y/N	CRACKING Y/N	TEECAP CRACK Y/N
Sacramento	Yolo	College	Davis	9/23/11	2582	B04	41	HP (<=60psig)		y	3.00	Steel	0.75											
Kern	Kern	Patton		9/23/11			1	TP (>60psig)			3.00	Steel	16.00	Extru Coat	Good			n		Good				
Kern	Kern	G	Bakersfield	9/23/11			58	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00									n	n	n
Sacramento	Sacramento	Walerga	North Highlands	9/23/11	2466	E04	35	HP (<=60psig)		y	1.00	PE 2406 (Orange)	2.00									n	n	n
Fresno	Fresno	N Fresno	Fresno	9/24/11			36	HP (<=60psig)			5.00	PE 2406 (Orange)										n	n	n
Fresno	Fresno	Fresno	Fresno	9/24/11			36	HP (<=60psig)		n	5.00	PE 2406 (Orange)	2.00									n	n	n
Sacramento	Sacramento	Grand	Sacramento	9/26/11	2526	B02	89	HP (<=60psig)		y	3.00	Steel	1.50	Single wrap	Fair		None	n	n					
Sacramento	Sacramento	Verano	Sacramento	9/26/11	2526	B05	7	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Mahogany	Sacramento	9/26/11	2526	B05	55	HP (<=60psig)		y	3.00	Steel	2.50	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/26/11	2587	C03	49	HP (<=60psig)		y	3.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/26/11	2587	C03	51	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/26/11	2587	C03	37	HP (<=60psig)		y	1.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/26/11	2587	C03	37	HP (<=60psig)		y	1.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	17th	Sacramento	9/26/11	2587	C03	50	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	9/26/11	2587	C03	22	HP (<=60psig)		y	4.00	Steel	2.00	Double wrap	Good		None	n	n					
Sacramento	Sacramento	Wymark	Elk Grove	9/26/11	2654		52	HP (<=60psig)			6.00	PE 2406/2708 (Yellow)	4.00									n	n	n
Sacramento	Sacramento	Wymark	Elk Grove	9/26/11	2654	H07	52	HP (<=60psig)			8.00	PE 2406/2708 (Yellow)	4.00											
Kern	Kern	Dolphin	Ridgecrest	9/26/11			9	HP (<=60psig)		n	5.00	PE 2406 (Orange)	4.00									n	n	n
Sacramento	Sacramento	Howe	Sacramento	9/26/11	2526	G06	9	HP (<=60psig)		y	0.50	PE 2406 (Orange)	1.00									n	n	n
Sacramento	Sacramento	Edison	Sacramento	9/26/11	2527	B03	8	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Fair		None	y	y	Good				
Sacramento	Solano	Davis	Vacaville	9/27/11	2715	D07	9	TP (>60psig)		y	1.00	Steel	4.00											
Sacramento	Sacramento	54th	Sacramento	9/27/11	2587	C02	55	LP [<=10.5" wc]		y	8.00	Wrought Iron	2.00	Bare/None	Fair		Light	n	n	Good				
Sacramento	Sacramento	57th	Sacramento	9/27/11	2587	C03	70	LP [<=10.5" wc]		y	4.00	Steel	4.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Belmont	Sacramento	9/27/11	2526	C03	37	HP (<=60psig)		y		Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	9/27/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Oak	Citrus Heights	9/27/11	2467	E08	8	HP (<=60psig)		y	4.00	Steel	4.00											
Fresno	Fresno	N College	Fresno	9/27/11			65	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	2.00									n	n	n
North Bay	Marin	Centro West	Tiburon	9/27/11	3042	B06	16	HP (<=60psig)		n														
North Bay	Marin	Centro West	Tiburon	9/27/11	3042	B06	16	HP (<=60psig)			3.00	PE 2406/2708 (Yellow)	1.00									y	n	n
Sacramento	Sacramento	Gerber	Sacramento	9/28/11			1	TP (>60psig)		y	1.00	Steel	8.00	Double wrap	Good			n	n	Good				
Sacramento	Sacramento	Opal	Sacramento	9/28/11	2526	C03	15	HP (<=60psig)		y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Diamond	Sacramento	9/28/11	2526	C03	25	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Kern	Kern	Oak Creek		9/28/11			1	TP (>60psig)		y	3.00	Steel	6.00											
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	48	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	51	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	51	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	60th	Sacramento	9/29/11	2587	C03	49	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Kern	Kern	White	Bakersfield	9/29/11			1	HP (<=60psig)	1980	n	8.00	PE 2406/2708 (Yellow)	4.00									n	n	n
Kern	Kern	Columbus	Bakersfield	9/29/11			15	HP (<=60psig)	1975	n	4.00	PE 2406 (Orange)	0.50									n	n	n
Fresno	Fresno	E Tulare	Fresno	9/29/11			21	HP (<=60psig)		n	2.00	PE 2406 (Orange)	3.00									n	n	n
Kern	Kern	Bucknell	Bakersfield	9/30/11			9	HP (<=60psig)		y	2.00	PE 2406 (Orange)	0.50									n	n	n
Sacramento	Sacramento	Walt	Sacramento	9/30/11	2527	E02	32	HP (<=60psig)		y	2.00	Steel	2.00	Single wrap	Good		None	y	y	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11			64	HP (<=60psig)		y	2.00	Steel	3.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C04	8	HP (<=60psig)		y	4.00	Steel	4.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Academy	Sacramento	10/3/11	2526	C04	25	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Judah	Sacramento	10/3/11	2526	C04	32	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Judah	Sacramento	10/3/11	2526	C04	32	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/3/11	2586	C04	5	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/3/11	2586	C04	5	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TECCAP CRACK YN
Sacramento	Sacramento	61st	Sacramento	10/3/11	2587	C03	1	HP (<=60psig)		y	4.00	Steel	4.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/3/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Kern	Kern	Beardsley	Bakersfield	10/3/11	4930		5	HP (<=60psig)	1999	n	2.00	PE 2406/2708 (Yellow)	0.50									n	n	n
Fresno	Fresno	Nebraska	Selma	10/3/11			9	LP (<=10.5"wc)		y	6.00	Steel	3.00	Hot AppliedAsphalt	Good		None	n	n					
Fresno	Fresno	Nebraska	Selma	10/3/11			9	HP (<=60psig)		y	6.00	Steel	3.00	Hot AppliedAsphalt	Good		None	n	n					
Sacramento	Sacramento	Front	Sacramento	10/3/11	2525	I02	50	HP (<=60psig)		y	4.00	Steel	2.00	Other	Excellent		None	n	n	Good				
Sacramento	Sacramento	Front	Sacramento	10/3/11	2525	I02	50	HP (<=60psig)		y	4.00	Steel	2.00	Other	Excellent		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		y	2.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	P	Sacramento	10/4/11	2526	C04	26	HP (<=60psig)			3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		y	4.00	Steel	2.50	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	64	HP (<=60psig)		y	2.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/4/11	2587	C04	62	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/4/11	2526	C04	13	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/4/11	2526	C04	12	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Ivy	Sacramento	10/4/11	2526	C04	36	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/4/11	2586	C04	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/4/11	2586	C04	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Kern	Kern	Kern	Taft	10/4/11			4	SHP (<=25psig)	1949	y	6.00	Steel	2.00	Hot AppliedAsphalt	Good		None	y	y	Good				
Sacramento	Sacramento	Palmer	Sacramento	10/5/11	2526	C04	46	HP (<=60psig)			3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Palmer	Sacramento	10/5/11	2526	C04	46	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	64	HP (<=60psig)		y	1.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	64	HP (<=60psig)		y	1.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C04	62	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/5/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/5/11	2586	C04	6	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Meer	Sacramento	10/5/11	2586	C04	5	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Fresno	Fresno	E Minarets	Fresno	10/5/11			15	HP (<=60psig)		y	3.00	Steel	2.00	Hot AppliedAsphalt	Poor		Light	y	y	Good				
Fresno	Fresno	Herndon	Clovis	10/5/11			1	HP (<=60psig)		n	6.00	PE 2406 (Orange)	4.00								n	n	n	n
Sacramento	Sacramento	16th	Sacramento	10/6/11	2586	C04	24	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	16th	Sacramento	10/6/11	2586	C04	24	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C04	64	HP (<=60psig)		y	1.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C04	64	HP (<=60psig)		y	2.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587		37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587	C03	37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Staggs	Sacramento	10/6/11	2586	C04	36	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Sacramento	Sacramento	20th	Sacramento	10/6/11	2586	C04	16	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/6/11	2587		37	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Fresno	Fresno	Thesta	Fresno	10/6/11			39	HP (<=60psig)		y	2.00	Steel	0.50								n	n	n	n
Sacramento	Sacramento	16th	Rio Linda	10/7/11	2587	C04	64	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	18th	Sacramento	10/7/11	2587	C04	13	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	18th	Sacramento	10/7/11	2587	C04	13	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	19th	Sacramento	10/7/11	2587	C04	62	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	20th	Sacramento	10/7/11	2586	C04	24	HP (<=60psig)		y	3.00	Steel	1.50	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/7/11	2587	C04	64	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/7/11	2586	C04	35	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/7/11	2586	C04	35	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Staggs	Sacramento	10/7/11	2586	C04	36	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good	n	n	n	n
Sacramento	Sacramento	15th	Sacramento	10/7/11	2586	C04	28	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Fresno	Fresno	W Ashlan	Fresno	10/7/11			1	TP (>60psig)		y	9.00	Steel	4.00	ExtruCoat	Excellent		None	y	y	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TECCAP CRACK YN
Kern	Kern	Benton	Bakersfield	10/8/11			57	HP (<=60psig)			4.00	Steel	2.00				None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/10/11	2587	C03	42	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	21st	Sacramento	10/10/11	2586	C04	20	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	63rd	Sacramento	10/10/11	2587	C04		HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Fresno	Fresno	7th	Sanger	10/10/11			58				9.00	Steel	3.00	Hot Applied Asphalt	Fair		None	y	y					
Fresno	Fresno	Shaw	Fresno	10/10/11	3803		24				5.00	Steel	4.00	Hot Applied Asphalt	Good		None	n		Good				
Kern	Kern			10/11/11			48	HP (<=60psig)		n	3.00	PE 2406 (Orange)	2.00							n	n	n	n	
Fresno	Fresno	Fairview	Fresno	10/11/11			7	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	4.00							n	n	n	n	
Fresno	Fresno	N Warren	Fresno	10/11/11			16	HP (<=60psig)		y	8.00		2.00	Hot Applied Asphalt			None	y	y	Good	n	n	n	n
Fresno	Fresno	N Forkner	Fresno	10/11/11			19	HP (<=60psig)		y	9.00	Steel	2.00	Hot Applied Asphalt	Good		None	y	y	Good	n	n	n	n
Fresno	Fresno	S Hughes	Fresno	10/11/11			4			n	2.00	PE 2406/2708 (Yellow)	1.00							n	n	n	n	
Sacramento	Sacramento	15th	Sacramento	10/12/11	2587	C03	24	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Kern	Kern	El Serento	Bakersfield	10/12/11			51	HP (<=60psig)		y	3.00	Steel	2.00		Fair		None	y	y	Good				
Fresno	Fresno	Howard		10/12/11			1	TP (>60psig)		y	6.00	Steel	4.00	Hot Applied Asphalt			None	y	y					
Fresno	Fresno	10th	Fresno	10/12/11			11	HP (<=60psig)	1953	y	2.00	PE 2406 (Orange)	2.00							n	n	n	n	
Fresno	Fresno	Via Monte Verde	Fresno	10/12/11			4	TP (>60psig)		y	2.00	Steel	2.00	Double wrap	Excellent		None	n		Good				
Sacramento	Sacramento	15th	Sacramento	10/12/11	2587	C03	24	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
North Coast	Ukiah	Norgard	Ukiah	10/13/11	2130	G01	6	SHP (<=25psig)	1986	n	6.00	Steel	8.00	Single wrap	Good		None	n	n	Good				
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587	C03	21	HP (<=60psig)		y	1.00	Steel	2.00	Extru Coat	Fair		None	n	n	Good				
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587	C03	21	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	16th	Sacramento	10/13/11	2587		21	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Kern	Kern	Lorene	N Edwards	10/13/11	5447	C05	2	HP (<=60psig)	1965	y		Steel	2.00	Double wrap	Good		Heavy	y	y					
Kern	Kern	Burton		10/13/11			41	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	y	y	Good				
Sacramento	Sacramento	16th	Sacramento	10/14/11	2587	C03	21	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	162	Sacramento	10/14/11	2587	C03	21	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/14/11	2587	C03	37	HP (<=60psig)		y	4.00	PE 4710 (Black)	3.00	Double wrap	Good		None	n	n	Good				
Kern	Kern	Kern Canyon	Bakersfield	10/14/11	4932		1	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	8.00											
Kern	Kern	Union	Bakersfield	10/14/11			3	HP (<=60psig)		y	3.00	Steel	2.00	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	Fresno	Fresno	10/14/11			8	HP (<=60psig)		n	2.00	Aldyl A	3.00							n	n	n	n	
Fresno	Fresno	11th	Fresno	10/14/11			48	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)								n	n	n	n	
Sacramento	Sacramento	45th	Sacramento	10/17/11	2587	C01	48	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Kern	Kern	Lexington	Bakersfield	10/17/11			14	HP (<=60psig)		y	4.00	Steel	0.75	Double wrap	Good		None	y	y	Good				
Fresno	Fresno	W Clinton	Fresno	10/17/11			3			y	5.00	Steel	0.75	Double wrap	Good		None	n						
Fresno	Fresno	California	Fresno	10/17/11			1	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	4.00							n	n	n	n	
Sacramento	Sacramento	D	Sacramento	10/17/11	2525	G04	11	TP (>60psig)		y	1.00	Steel	12.00											
Sacramento	Sacramento	Meer	Sacramento	10/18/11	2586	C04	11	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
North Coast	Ukiah	E San Francisco	Willits	10/18/11	1943	E08	1	HP (<=60psig)	1973	n	4.00	Aldyl A	4.00							n	n	n	n	
Kern	Kern	4 Th	Taft	10/18/11			60	SHP (<=25psig)		n	2.00	PE 2406/2708 (Yellow)	1.25							n	n	n	n	
Kern	Kern	14th	Bakersfield	10/18/11			16			n	2.00	PE 2406/2708 (Yellow)	2.00							n	n	n	n	
Sacramento	Sacramento	Fegan	Sacramento	10/19/11	2586	C04	37	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Joaquin	Sacramento	10/19/11	2586	C04	35	HP (<=60psig)		y	3.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Kern	Kern	Niles	Bakersfield	10/19/11			7	HP (<=60psig)		y	3.00	Steel	0.75	Double wrap	Good		None	n	n	Good				
Kern	Kern			10/19/11			40	HP (<=60psig)		y	2.00	Steel	2.00	Double wrap	Fair		None	y	y					
Kern	Kern	Tyler		10/19/11			26	SHP (<=25psig)		y	6.00	PE 2406 (Orange)	2.00							n	n	n	n	
Fresno	Fresno	3rd	Kettleman City	10/19/11			23	HP (<=60psig)		y	2.00	PE 2406/2708 (Yellow)	0.50							n	n	n	n	
Fresno	Fresno	N Blackstone	Fresno	10/19/11			19	HP (<=60psig)		y	7.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n					
Fresno	Fresno	W Vassar	Fresno	10/19/11			33	HP (<=60psig)		y	4.00	Steel	3.00	Bare/None			None							
Sacramento	Sacramento	52nd	Sacramento	10/20/11	2587	C02	77	HP (<=60psig)		y	4.00	Steel	2.00	Extru Coat	Good		None	n	n	Good				
Sacramento	Sacramento	52nd	Sacramento	10/20/11	2587	C02	77	HP (<=60psig)		y	4.00	Steel	2.00	Extru Coat	Good		None	n	n	Good				
Kern	Kern	O	Bakersfield	10/20/11			64	HP (<=60psig)		n	4.00	PE 2406 (Orange)	0.50							n	n	n	n	
Fresno	Fresno	Kearney	Kerman	10/20/11			2	HP (<=60psig)		y	10.00	Steel	3.00	Hot Applied Asphalt	Good		None	y	y					
Fresno	Fresno	Fresno	Fresno	10/20/11			4	TP (>60psig)			4.00	Steel		Somastic	Excellent			n		Good				
Fresno	Fresno	Shaw	Fresno	10/20/11			68	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	1.00							n	n	n	n	

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TECCAP CRACK YN
Sacramento	Sacramento	Staggs	Sacramento	10/21/11	2586	C04	36	HP (<=60psig)		y	4.00	Steel	2.00											
Sacramento	Sacramento	H	Sacramento	10/21/11	2586	C02	39	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
North Coast	Arcata	Mckinleyville	Mckinleyville	10/21/11	783	A08	34	HP (<=60psig)	1964	y	6.00	Steel	3.00	Somastic	Good			y	y	Good				
Kern	Kern	Quincy		10/21/11			11	HP (<=60psig)			3.00	Steel	4.00	Double wrap	Good		None	y	y	Good				
Fresno	Fresno	Ovisadero	Fresno	10/21/11			27	HP (<=60psig)			2.00	PE 2406/2708 (Yellow)									n	n	n	n
Sacramento	Sacramento	Cabrillo	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		y	4.00	Steel	2.00	Double wrap	Good		None	n	n	Good				
Sacramento	Sacramento	Cabridlet	Sacramento	10/24/11	2587	C03	47	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/24/11	2587	C01	85	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/24/11	2587	C01	85	HP (<=60psig)			4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	11	HP (<=60psig)		y	3.50	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	11	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/24/11	2527	C01	11	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Yolo	Buena Tierra	Woodland	10/24/11	2459	I08	20			y	4.00	Steel	0.75											
Gas Transmission	GS South	Silo St	Fremont	10/24/11	20	C15	0	TP (>60psig)	1944	y	1.00	Steel	24.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Wood Berry	Rancho Cordova	10/24/11	2528	G04	34	HP (<=60psig)		y	8.00	Steel	2.00	Hot AppliedAsphalt	Good		None	n	n	Good				
Fresno	Fresno	W Olive	Fresno	10/24/11			4	HP (<=60psig)		y	5.00	Aldyl A	0.50								n	n	n	n
Fresno	Fresno	E El Monte	Fresno	10/24/11			20	HP (<=60psig)		y	3.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	y	y					
Sacramento	Sacramento	Cabrillo	Sacramento	10/25/11	2587	C03	46	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/25/11	2587		42	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Cabrillo	Sacramento	10/25/11	2587	C03	46	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Altos	Sacramento	10/25/11	2526	D01	40	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Altos	Sacramento	10/25/11	2526	D01	32	HP (<=60psig)		y	1.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/25/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/25/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/25/11	2527	C01	12	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Potter	Sacramento	10/25/11	2527	C01	13	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	10/25/11	2527	C01	12	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Kern	Kern			10/25/11			11	TP (>60psig)		y	10.00	Steel	3.00											
Kern	Kern	Gage	Bakersfield	10/25/11			10	LP (<=10.5" wc)		y	1.00	Steel	1.00								n	n	n	n
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/26/11	2587	C03	42	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Fairfield	Sacramento	10/26/11	2526	D01	44	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Poor		None	n	n	Good				
Sacramento	Sacramento	Fairfield	Sacramento	10/26/11	2526	D01	45	HP (<=60psig)		y	1.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Cerrito	Sacramento	10/26/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	El Castillo	Sacramento	10/26/11	2587	C01	18	HP (<=60psig)		y	4.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	B01	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	B01	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/26/11	2527	B01	5	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/26/11	2525	E08	16	HP (<=60psig)		y	4.00	Steel		Hot AppliedAsphalt	Poor		Light	y	y	Good				
Kern	Kern	Mt Vernon	Bakersfield	10/26/11			41	HP (<=60psig)		n	2.00	PE 2406 (Orange)	0.50								n	n	n	n
Sacramento	Sacramento	Del Paso	Sacramento	10/26/11	2525	E08	16	HP (<=60psig)		y	3.00	Steel		Hot AppliedAsphalt	Poor		Light	y	y	Good				
Gas Transmission	GS South	No Road	3 Rocks	10/27/11			0	TP (>60psig)	1962	y	24.00	Steel	3.00	Somastic	Good		None	n	n					
Sacramento	Sacramento	El Cerrito	Sacramento	10/27/11	2587	C01	71	HP (<=60psig)		y	3.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	47th	Sacramento	10/27/11	2587	C01	71	HP (<=60psig)		y	3.00	Steel	2.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/27/11	2587	C03	40	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/27/11	2587	C03	40	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	61st	Sacramento	10/27/11	2587	C03	39	HP (<=60psig)		y	4.00	Steel	3.00	Hot AppliedAsphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	Montclair	Sacramento	10/27/11	2527	C02	55	HP (<=60psig)		y	1.00	Steel	2.00	Double wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Montclair	Sacramento	10/27/11	2527	C02	56	HP (<=60psig)		y	2.00	Steel	2.00	Double wrap	Good		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	B01	4	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	B01	4	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TECCAP CRACK YN
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	B01	5	HP (<=60psig)		y	4.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	Sierra View	Sacramento	10/27/11	2527	B01	4	HP (<=60psig)		y		Steel	2.00	Single wrap	Fair		Light	n	n	Consult	Pipe Line Engineer			
Sacramento	Yolo	B	Davis	10/27/11	2582	B05	23	HP (<=60psig)		y	3.00	Cast iron	3.00											
Sacramento	Sacramento	Persimmon	Sacramento	10/27/11	2587	I03	39	HP (<=60psig)		y	5.00	Steel	0.75											
Sacramento	Sacramento	Minnesota	Fair Oaks	10/27/11	2467	J06	28	HP (<=60psig)		y	5.00	Steel	1.25	Hot Applied Asphalt	Poor		Light	y	y	Good				
Kern	Kern	Lenore	Ridgecrest	10/27/11			62			y	4.00		2.00	Hot Applied Asphalt	Poor		None	y	y	Good				
Fresno	Fresno	3rd	Clovis	10/27/11			22	HP (<=60psig)		y	12.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C03	37	HP (<=60psig)		y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C03	37	HP (<=60psig)		y	3.00	Steel	3.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	62nd	Sacramento	10/28/11	2587	C04	64	HP (<=60psig)		y	3.00	Steel	3.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	S	Sacramento	10/28/11	2587	C01	21	HP (<=60psig)		y	3.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	S	Sacramento	10/28/11	2587	C01	21	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	W. Country Club	Sacramento	10/28/11	2527	C01	8	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n	n	Good				
Sacramento	Sacramento	W. Country Club	Sacramento	10/28/11	2527	C01	8	HP (<=60psig)		y	1.00	Steel	2.00											
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	B01	17	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	B01	17	HP (<=60psig)		y	3.00	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Sacramento	Sacramento	E Country Club	Sacramento	10/28/11	2527	B01	17	HP (<=60psig)		y	3.50	Steel	2.00	Single wrap	Fair		None	n	n	Good				
Kern	Kern	Baker	Bakersfield	10/28/11			31	HP (<=60psig)		y	2.00	PE 2406 (Orange)	0.50							Good	n	n	n	n
Sacramento	Sacramento	Del Paso	Sacramento	10/31/11	2525		18	HP (<=60psig)		y	2.00	Steel		Hot Applied Asphalt	Poor			n		Good				
Sacramento	Sacramento	Del Paso	Sacramento	10/31/11	2525	E08	15	HP (<=60psig)		y	3.00	Steel	0.50	Hot Applied Asphalt	Poor					Good				
Fresno	Fresno	N Maple	Fresno	10/31/11			35	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	2.00							Good	n	n	n	n
Sacramento	Yolo	Barbara	Woodland	11/1/11	2460	H03	18	HP (<=60psig)		y	2.00	Steel	0.75							Good	n	n	n	n
Kern	Kern	Panarama	Bakersfield	11/1/11			22			y	6.00	PE 2406 (Orange)	0.50							Good	n	n	n	n
Sacramento	Sacramento	Greenback	Orangevale	11/1/11	2468	G01	13	HP (<=60psig)		y	2.00	Aldyl A	1.00							Good				
Fresno	Fresno	6th	Fowler	11/2/11			32	LP (<=10.5" w/c)		y	2.00	Steel	4.00	Hot Applied Asphalt	Fair		None			Good				
Sacramento	Sacramento	11th	Sacramento	11/3/11	2525	G04	21	TP (>60psig)		y	1.00	Steel	12.00							Good				
North Bay	Napa	Grant	Calistoga	11/3/11	2508	H05	29	HP (<=60psig)	2011	y	3.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Kern	Kern	White		11/3/11	5027		4	TP (>60psig)		y	2.00	Steel	10.00		Good		None	n		Good				
Kern	Kern	Bryn Mawr	Bakersfield	11/3/11			39	HP (<=60psig)		y	3.00	Steel	2.00	Hot Applied Asphalt	Fair		None			Good				
Fresno	Fresno	San Mateo	Avenal	11/3/11			68	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	1.00							Good	n	n	n	n
Fresno	Fresno	E Fantz		11/4/11			13	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	n		Good				
Sacramento	Sacramento	Lincoln Oaks	Fair Oaks	11/4/11	2467	H03	3	HP (<=60psig)		y	7.00	Steel	0.75	Hot Applied Asphalt	Fair		None	y	y	Good				
Sacramento	Sacramento	Kyle	Citrus Heights	11/5/11	2467	D08	46	HP (<=60psig)		y	3.00	Steel	0.75	Paint	Excellent		None	n		Good				
Gas Transmission	GS South	No Road	Needles	11/7/11	5812	A03	0	TP (>60psig)	1950	y	24.00	Steel	34.00	Hot Applied Asphalt	Poor		None	y	y	Good				
Kern	Kern	Ward	Ridgecrest	11/7/11			8	HP (<=60psig)		n	7.00	PE 2406/2708 (Yellow)	3.00							Good	n	n	n	n
North Valley	Redding	North	Shasta Lake City	11/7/11	1010	B08	67	HP (<=60psig)	1964	y	3.00	Steel	2.00	Double wrap	Good		None	n		Good				
Kern	Kern	Iowa		11/7/11			5	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	2.00							Good	n	n	n	n
Fresno	Fresno	E Ticonderoga	Fresno	11/7/11			3	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00							Good	n	n	n	n
Sacramento	Sacramento	14th	Sacramento	11/8/11	2586	A04	95	LP (<=10.5" w/c)		y	2.00	PE 2406 (Orange)	1.00							Good	n	n	n	n
Fresno	Fresno	S Peach	Fresno	11/8/11			16	HP (<=60psig)		y	4.00	Steel	0.75	Double wrap	Excellent		None	n		Good				
Gas Transmission	GS North	No Road	Livermore	11/9/11	28	C11	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair				y	Good				
Sacramento	Sacramento	Whitmore	Sacramento	11/9/11	2527	C02	34	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Whitney	Sacramento	11/9/11	2527	C02	34	HP (<=60psig)		y	1.00	Steel	2.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	58th	Sacramento	11/9/11	2587	A03	41	HP (<=60psig)		y	6.00	PE 2406/2708 (Yellow)	1.00							Good	n	n	n	n
Sacramento	Sacramento	14th	Sacramento	11/9/11	2587	C03	67	HP (<=60psig)		y	2.00	Steel	0.75	Single wrap	Poor		None	y	y	Good				
Sacramento	Sacramento	Power Inn	Sacramento	11/10/11	2587	C06	27	HP (<=60psig)		y	1.00	Steel	4.00	Single wrap	Excellent		None	n	n	Good				
Sacramento	Sacramento	Power Inn	Sacramento	11/10/11	2587	C06	27	TP (>60psig)		y	2.00	Steel	8.00	Single wrap	Excellent		None	n	n	Good				
Gas Transmission	GS North	No Road	Livermore	11/11/11	28	C10	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	y	Good				
Kern	Kern	Augusta	Bakersfield	11/11/11			23	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		None	n		Good				
Gas Transmission	GS North	No Road	Livermore	11/12/11	30	E02	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	y	Good				
Gas Transmission	GS North	No Road	Livermore	11/12/11	30	E02	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	y	Good				
Gas Transmission	GS North	No Road	Livermore	11/13/11	30	E01	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n		Good				
Gas Transmission	GS North	No Road	Sunol	11/14/11		B12	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	y	Good				

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TECCAP CRACK YN
Gas Transmission	GS North	No Road	Livermore	11/14/11	30	E01	0	TP (>60psig)	1944	y	10.00	Steel		Hot Applied Asphalt			None	n						
Fresno	Fresno	E California	Fresno	11/14/11			12	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Gas Transmission	GS North	No Road	Livermore	11/15/11		F16	0	TP (>60psig)	1944	y	10.00	Steel		Hot Applied Asphalt	Fair		None	n						
Kern	Kern	Union	Bakersfield	11/15/11			5	TP (>60psig)		y	12.00	Steel	10.00											
Fresno	Fresno	N Fresno	Fresno	11/15/11			5	HP (<=60psig)		y	5.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Fresno	Fresno	N Fresno	Fresno	11/15/11			5	HP (<=60psig)		y	5.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Sacramento	G	Sacramento	11/16/11	2525	H07	2	HP (<=60psig)		y	5.00	PE 2406/2708 (Yellow)	4.00											
Gas Transmission	GS North	No Road	Sunol	11/16/11		E06	0	TP (>60psig)		y	10.00	Steel		Hot Applied Asphalt	Good		None	n	y					
Fresno	Fresno	N Van Ness	Fresno	11/16/11			29	HP (<=60psig)		y	5.00	Steel	2.00	Hot Applied Asphalt	Good		None	y	y	Good				
Sacramento	Sacramento	D	Sacramento	11/17/11	2525	G04	10	TP (>60psig)		y	1.00	Steel	12.00											
Gas Transmission	GS North	No Road	Fremont	11/17/11	26	A02	0	TP (>60psig)	1944	n	10.00	Steel	24.00				None	n	n					
Sacramento	Sacramento	Arden	Sacramento	11/17/11	2526	F06	5	HP (<=60psig)		y	1.00	Steel	8.00	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Arden	Sacramento	11/17/11	2526	F06	5	HP (<=60psig)		y	1.00	Steel	8.00	Hot Applied Asphalt	Good		None	n	n	Good				
Kern	Kern	Astor	Trona	11/17/11			5	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		None			Good				
Fresno	Fresno	Herndon	Fresno	11/17/11			93	HP (<=60psig)		n	10.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Sacramento	3rd	Sacramento	11/17/11	2586	A06	15	HP (<=60psig)		y	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Sacramento	Sacramento	8th	Sacramento	11/18/11	2587	B01	12	HP (<=60psig)		y	6.00	Steel	2.00	Hot Applied Asphalt	Poor		None	y	y					
Sacramento	Sacramento	Hazel	Fair Oaks	11/19/11	2468	I05	13	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Excellent		None	n		Good				
Gas Transmission	GS North	No Road	Sunol	11/19/11	26	F04	0	TP (>60psig)	1944															
Gas Transmission	GS North	No Road	Fremont	11/19/11	26	A02	0	TP (>60psig)	1944		10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	n					
Gas Transmission	GS North	No Road	Sunol	11/21/11		D08	0	TP (>60psig)	1944	y	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n						
North Coast	Ukiah	Wellmar	Ukiah	11/21/11	2068	J06	2	SHP (<=25psig)	1988	n	5.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	N Monte		11/21/11			3	HP (<=60psig)		n	10.00	PE 2406 (Orange)	0.50								n	n	n	n
Sacramento	Sacramento	Locust	Carmichael	11/21/11	2527	A07	44	HP (<=60psig)		y	2.00	Steel	0.75											
Sacramento	Sacramento	Marconi	Carmichael	11/21/11	2527		15	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Fair		None	n	n	Good				
Gas Transmission	GS North	No Road	Sunol	11/22/11	26	A02	0	TP (>60psig)	1944	n	10.00	Steel	24.00	Hot Applied Asphalt	Fair		None	n	n					
Sacramento	Sacramento	Elter Creek	Sacramento	11/22/11	2587	F04	5	HP (<=60psig)		y	4.00	Steel	4.00	Hot Applied Asphalt	Excellent		None	n	n	Good				
Fresno	Fresno	E Church	Fresno	11/22/11			10	HP (<=60psig)		y	4.00	Steel	1.25	Hot Applied Asphalt	Good		None	n		Good				
Sacramento	Sacramento	Eastern	Sacramento	11/22/11	2527	D04	37	HP (<=60psig)		y	3.00	Steel	0.75	Single wrap	Good		None	y	y	Good				
Mission	Mission	Mission	Hayward	11/22/11	13	C16	27	HP (<=60psig)	2005	n	5.00	PE 2406/2708 (Yellow)	6.00											
Sacramento	Sacramento	Alta Arden	Sacramento	11/23/11	2526	F05	2	HP (<=60psig)		y	2.00	Steel	1.00									n	n	n
Fresno	Fresno	E Main	Fresno	11/23/11			26	LP (<=10.5"wc)		y	2.00	Steel	3.00	Hot Applied Asphalt	Good		None	n						
Fresno	Fresno	E Heaton	Fresno	11/23/11			33	HP (<=60psig)		n	12.00	PE 2406 (Orange)	2.00								n	n	n	n
Fresno	Fresno	E Clay	Fresno	11/23/11			3	HP (<=60psig)		y	5.00	Steel	0.75	Hot Applied Asphalt	Good		None	n	n					
Gas Transmission	GS North	No Road	Sunol	11/26/11		D09	0	TP (>60psig)	1944	n	10.00	Steel	24.00	Hot Applied Asphalt			None	n	y					
Central Coast	Salinas	Hwy 68	Salinas	11/26/11	3900	D01	1	TP (>60psig)	1988	y		Steel	0.75	Double wrap	Good		None	n	n	Good				
Fresno	Fresno	W Fedora	Fresno	11/28/11			8	HP (<=60psig)		y	5.00	Steel	0.75	Hot Applied Asphalt	Good		None	y	y	Good				
Sacramento	Sacramento	Main	North Highlands	11/29/11	2465	J03	3	HP (<=60psig)		y	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	A	Sacramento	11/29/11	2465	I02	17	HP (<=60psig)		y	5.00	Steel	2.00	Hot Applied Asphalt	Fair		None	n		Good				
Fresno	Fresno	7th	Avenal	11/29/11			34	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
North Coast	Ukiah	W Standley	Ukiah	11/30/11	2129	D06	8	SHP (<=25psig)	1999	n	6.00	PE 2406/2708 (Yellow)	1.00									n	n	n
Sacramento	Sacramento	Orangevale	Orangevale	11/30/11	2468	E05	23	HP (<=60psig)		y	3.00	Steel	1.25											
Sacramento	Sacramento	Las Casas	Rancho Cordova	11/30/11	2528	G02	48	HP (<=60psig)		y	5.00	Steel	4.00	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	S Clovis		11/30/11			15	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	Angelina	Carmichael	12/1/11	2527	C08	8	HP (<=60psig)		y	6.00	Steel	0.75	Hot Applied Asphalt	Good		None	n	n	Good				
Sacramento	Sacramento	Roseville	Sacramento	12/2/11	2466	J01	119	TP (>60psig)		y	1.00	Steel	12.00	Somastic	Excellent		None	n	n	Good				
Sacramento	Sacramento		Carmichael	12/2/11	2528	A04	9	HP (<=60psig)		y	3.00	Steel	0.75	Other	Good		None	y	y	Good				
Sacramento	Sacramento	Del Paso	Sacramento	12/2/11	2526	B05	57	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Excellent		None	n	n	Good				
Sacramento	Sacramento	Angelina	Carmichael	12/2/11	2527	C08	8	HP (<=60psig)		y	6.00	Steel	0.75	Hot Applied Asphalt	Good			y	y	Good				
Kern	Kern	China Lake	Ridgecrest	12/2/11			17	HP (<=60psig)		n	1.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Fresno	Fresno	E Home	Fresno	12/2/11			31	HP (<=60psig)		y	3.00	Steel	3.00	Bare/None			None			Good				
Sacramento	Sacramento	9th	Sacramento	12/3/11	2586	C06	57	HP (<=60psig)		y	2.00	PE 2406 (Orange)	2.00								n	n	n	n

TABLE 17-4
 PACIFIC GAS AND ELECTRIC COMPANY
 GAS INSPECTION RESULTS: JULY 01, 2011 – DECEMBER 31, 2011
 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINESIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TEECAP CRACK YN
Sacramento	Sacramento	44th	Sacramento	12/3/11	2587	C01	100	HP (<=60psig)		y	3.00	Steel	0.75	Hot Applied Asphalt	Excellent		None	y	y	Good				
Fresno	Fresno	W San Jose		12/3/11	3803		7	HP (<=60psig)		y	4.00	Steel	0.75	Hot Applied Asphalt	Good		None	y	y					
Fresno	Fresno	N Fruit	Fresno	12/3/11			17	HP (<=60psig)		n	3.00	PE 2406 (Orange)	0.50								n	n	n	n
Sacramento	Sacramento	Castro	Sacramento	12/5/11	2586	A03	84	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Kern	Kern	Warren	Bakersfield	12/5/11			4	HP (<=60psig)			1.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	H	Ridgecrest	12/5/11			5	HP (<=60psig)		n	2.00	PE 2406 (Orange)									n	n	n	n
Kern	Kern	Grace	Bakersfield	12/5/11			22	HP (<=60psig)			2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E Princeton		12/5/11			12	HP (<=60psig)		y	6.00	Steel	2.00	Hot Applied Asphalt	Fair		Light	y	y	Good	n	n	n	n
North Valley	Redding	Walnut	Redding	12/5/11	1079	C04	61	HP (<=60psig)	1972	y	3.00	Steel	3.00	Hot Applied Asphalt	Fair		None	y	n	Good				
Fresno	Fresno	N Recreation	Fresno	12/5/11			36	HP (<=60psig)		n	1.00	PE 2406 (Orange)	1.00								n	n	n	n
Sacramento	Yolo		Davis	12/5/11	2583	B01	9	HP (<=60psig)		y	3.00	Steel	2.00	Other	Fair		None	y	y	Good				
Kern	Kern	Stephens	Bakersfield	12/6/11			56	HP (<=60psig)		n	4.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	W Normal	Fresno	12/6/11			7	HP (<=60psig)		y	5.00	Steel	0.75	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	S 5th	Fowler	12/6/11			27	LP (<=10.5"wc)		y	3.00	Steel	4.00	Double wrap	Good		None	n		Good				
Sacramento	Sacramento	Bluff	Fair Oaks	12/6/11	2529		1	HP (<=60psig)	1975	n	20.00	Aldyl A	2.00								n	y	n	n
Sacramento	Sacramento	Hazel	Fair Oaks	12/6/11	2468	J05	21	HP (<=60psig)		y	1.00	Steel	0.75	Double wrap	Good		None	y	y	Good				
Kern	Kern	N	Bakersfield	12/7/11			63	HP (<=60psig)		n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	Castro	Bakersfield	12/7/11			45	HP (<=60psig)		y														
Kern	Kern	Castro	Bakersfield	12/7/11			45	HP (<=60psig)		y	4.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	E Olive	Fresno	12/7/11			5	HP (<=60psig)		y	8.00	Steel	1.00	Hot Applied Asphalt	Good		None	n	n	Good				
Kern	Kern	Rosalia	Bakersfield	12/7/11			18	HP (<=60psig)		y	3.00	Steel	0.75	Double wrap	Fair		None	n						
Kern	Kern	Mayfair	Bakersfield	12/7/11			1	HP (<=60psig)	1973	y	1.00	PE 2406 (Orange)	0.50								n	n	n	n
Kern	Kern	Rosalia	Bakersfield	12/7/11			18	HP (<=60psig)		y	3.00	Steel	0.75	Double wrap	Fair		None	n	n	Good				
Fresno	Fresno	W Pinedale	Fresno	12/7/11			11	HP (<=60psig)		n	4.00	Steel	4.00	Hot Applied Asphalt	Good		None	n	n	Good				
Fresno	Fresno	N Fruit	Fresno	12/7/11			35	HP (<=60psig)		y	2.00	Steel	3.00	Double wrap	Good		None	n		Good				
Sacramento	Sacramento	Crocker	Sacramento	12/8/11	2527	H01	29	HP (<=60psig)		y	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Central Coast	Salinas		Salinas	12/8/11	3838		4	HP (<=60psig)	1949	y	3.00	PE 4710 (Black)	0.75	Hot Applied Asphalt		Acceptable	None	y	y	Good				
Kern	Kern	Troy	Bakersfield	12/8/11			13	HP (<=60psig)		y	2.00	Steel	0.75	Hot Applied Asphalt	Fair		None	y	y	Good				
Kern	Kern	Flower		12/8/11			7	HP (<=60psig)		n	1.00	PE 2406 (Orange)	2.00								n	n	n	n
Fresno	Fresno	Shaw	Clovis	12/8/11			68	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Fresno	Fresno	E Dakota	Fresno	12/8/11			10	HP (<=60psig)		n	8.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Fresno	Fresno	W Shaw	Fresno	12/8/11			6	HP (<=60psig)		y			1.00								n	n	n	n
Fresno	Fresno	E Clinton	Fresno	12/8/11			6	HP (<=60psig)		n	6.00	PE 2406/2708 (Yellow)	4.00								n	n	n	n
Sacramento	Sacramento	Auburn	Sacramento	12/9/11	2526	C07	28	HP (<=60psig)		y	1.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	Pope	Sacramento	12/9/11	2527	C01	2	HP (<=60psig)		y	4.00	Steel	3.00											
Central Coast	Salinas	N Main	Salinas	12/9/11	3839		20	HP (<=60psig)	1965	y	2.00	Steel	4.00	Hot Applied Asphalt		Acceptable	None	y	y	Good				
Kern	Kern	Ashe	Bakersfield	12/10/11			3	HP (<=60psig)		n	5.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Sacramento	Sacramento	Folsom	Rancho Cordova	12/12/11	2528	G03	7	TP (>60psig)	1960	y	1.00	Steel	10.00	Tape	Good		None	n	n	Good				
Fresno	Fresno	W Olive	Fresno	12/12/11			14	HP (<=60psig)		y	4.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Sacramento	Sacramento	Lincoln	Carmichael	12/12/11	2528	A01	2	HP (<=60psig)		y			0.75	Single wrap	Good		None	n		Good				
Sacramento	Sacramento	Westporter	Sacramento	12/12/11	2588	B05	40	HP (<=60psig)		n	5.00	Steel	2.00								n	n	n	n
Sacramento	Solano	Cordelia	Fairfield	12/13/11	2776	I06	1	TP (>60psig)		y	2.00	Steel	16.00	Somastic	Good						n	n	n	n
Sacramento	Solano	Cordelia	Fairfield	12/13/11	2776	I06	1	TP (>60psig)		y	2.00	Steel		Somastic	Good						n	n	n	n
Sacramento	Sacramento	Bradshaw	Elk Grove	12/13/11	2655		1	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	8.00								n	n	n	n
Sacramento	Sacramento	Bradshaw	Sacramento	12/13/11	2588	D08	2	HP (<=60psig)		y	14.00	Steel	0.75	Hot Applied Asphalt	Fair		None	y	n	Good				
Fresno	Fresno	P	Sanger	12/14/11			84	HP (<=60psig)		y	4.00	Steel	0.75	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	W Shaw	Fresno	12/14/11			74	HP (<=60psig)		n	2.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	N 1st	Fresno	12/14/11			25	HP (<=60psig)		y	4.00	Steel	0.75	Hot Applied Asphalt	Good		None	y	y	Good				
Sacramento	Sacramento	Edgewater	Sacramento	12/15/11	2525	D08	13	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Excellent		None	n		Good				
Fresno	Fresno	S Elm	Fresno	12/15/11			46	HP (<=60psig)		y	4.00	Steel	0.75	Extru Coat	Good		None	y	y	Good				
Fresno	Fresno	W Dakota	Huron	12/15/11			11	HP (<=60psig)		y	3.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	S Elm	Fresno	12/15/11			46	HP (<=60psig)		y	4.00	Steel	0.75	Extru Coat	Good		None	y	y	Good				
Sacramento	Sacramento	Duncan	Carmichael	12/16/11	2528	B03	21	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Fair		None	y	y	Good				

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 PACIFIC GAS AND ELECTRIC COMPANY
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 (CONTINUED)

DIVISION	DISTRICT	ADDRESS STREET	ADDRESS CITY	REPORT DATE	WALL MAP	PLAT	BLOCK	SYSTEM PRESSURE	YEAR INSTALL	CATHODIC PROT Y/N	FEET EXPOSED	MATERIAL	LINE SIZE	COATING TYPE	COATING COND	CIRCUM WELD COND	EXTERNAL GOUGING	COATING DAMAGED YN	COATING REPAIRED YN	SUPPORT COND	GOUGING YN	DISCOLOR YN	CRACKING YN	TEECAP CRACK YN
Sacramento	Sacramento		Fair Oaks	12/17/11	2468	J06	25	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Sacramento	Sacramento	Q	Sacramento	12/17/11	2525	I02	24	HP (<=60psig)		y	3.00	Steel	4.00	Hot Applied Asphalt	Excellent		None	n		Good				
North Coast	Ukiah	Linda Vista	Ukiah	12/19/11	2130	D04	13	SHP (<=25psig)	1989	n	4.00	PE 2406 (Orange)	1.00								n	n	n	n
Central Coast	Monterey	Diaz	Sand City	12/19/11	3897	G01	27	HP (<=60psig)	1932	y	4.00	Steel	2.00	Somastic	Poor		None	y	y	Good				
Kern	Kern	Mayo	Ridgecrest	12/19/11			16			n	2.00	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	Taylor	Taft	12/19/11			30	SHP (<=25psig)		n	5.00	Aldyl A	2.00								n	n	n	n
Fresno	Fresno	W Bullard	Fresno	12/19/11			12	HP (<=60psig)		y	3.00	PE 2406/2708 (Yellow)	4.00	Hot Applied Asphalt	Excellent		None	n		Good				
North Coast	Ukiah	AirportPark	Ukiah	12/20/11	2130	F01	4	SHP (<=25psig)	1986	n	4.00	PE 2406 (Orange)	1.25								n	n	n	n
Kern	Kern	Coy	Bakersfield	12/20/11			4			n	4.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
North Coast	Ukiah	N State	Ukiah	12/21/11	2129	C08	53	SHP (<=25psig)	1999	y	6.00	Steel	6.00	Single wrap	Good		Light	n	n	Good				
Kern	Kern	Columbia	Bear Valley Spr	12/21/11	5234		2	HP (<=60psig)		n	10.00		0.50								n	n	n	n
Fresno	Fresno	N Lucerne	Fresno	12/21/11			57	HP (<=60psig)		y	4.00	Steel	2.00	Hot Applied Asphalt	Good		None	y	y	Good				
Fresno	Fresno	W North	Fresno	12/21/11			2	HP (<=60psig)		n	5.00	Steel	0.75	Hot Applied Asphalt	Good		None	y		Good				
Fresno	Fresno	N Lucerne	Fresno	12/21/11			57			y	2.00	Steel	2.00	Hot Applied Asphalt	Good		None	n		Good				
Kern	Kern	Coy	Bakersfield	12/21/11			4	HP (<=60psig)		n	4.00	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	20th	Bakersfield	12/22/11			14	HP (<=60psig)	1973	n	2.00	Aldyl A	2.00								n	y	n	n
Kern	Kern	Niles	Bakersfield	12/22/11			29	HP (<=60psig)		n	1.00	PE 2406 (Orange)	0.50								n	n	n	n
Fresno	Fresno	S Willow	Fresno	12/22/11			5	HP (<=60psig)		y	3.00	Steel	3.00	Hot Applied Asphalt	Good	Acceptable	None	n	n	Good				
Fresno	Fresno	Wilson	Fresno	12/22/11			63	HP (<=60psig)		y	2.00	Steel	2.00	Hot Applied Asphalt	Good		None	n		Good				
Fresno	Fresno	E Brandywine	Fresno	12/22/11			4	HP (<=60psig)		n	3.00	PE 2406 (Orange)	2.00									n	n	n
Fresno	Fresno	E Brandywine	Fresno	12/22/11			4	HP (<=60psig)		n	3.00	PE 2406 (Orange)	0.50									n	n	n
Kern	Kern	Hughes	Bakersfield	12/23/11			1	HP (<=60psig)		n	2.00	Aldyl A	2.00									n	n	n
Fresno	Fresno	N Ferger	Fresno	12/23/11			72	HP (<=60psig)		n	3.00	Aldyl A	0.50									n	n	n
Fresno	Fresno	Elm	Fresno	12/23/11			1	HP (<=60psig)		y	3.00	Steel	2.00	Double wrap	Good		None	y	y	Good				
Fresno	Fresno	N Van Ness	Fresno	12/27/11			13	HP (<=60psig)		y	3.00	Steel	3.00	Hot Applied Asphalt	Good		None	n	n	Good				
Fresno	Fresno	E Montecito	Fresno	12/27/11			10	HP (<=60psig)		y	3.00	Steel	0.50	Hot Applied Asphalt	Good		None	n		Good		n	n	n
Kern	Kern	Mayo	Ridgecrest	12/27/11			16	HP (<=60psig)		n	1.50	PE 2406 (Orange)	2.00								n	n	n	n
Kern	Kern	Gilmore	Bakersfield	12/27/11			3	TP (>60psig)		y	5.00	Steel	2.00	Double wrap	Good		None	n		Good				
Kern	Kern	Hwy46	Shandon	12/28/11			1	TP (>60psig)		n														
Kern	Kern	Hwy46	Shandon	12/28/11			1	TP (>60psig)		n	6.00	Steel	0.75	Double wrap	Good		None	n	n	Good				
Kern	Kern	E California	Ridgecrest	12/28/11	4760		17	HP (<=60psig)	1988	y	2.00	Steel	4.00	Double wrap	Good		None			Good				
Kern	Kern		Bakersfield	12/28/11			35	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	2.00								n	n	n	n
Kern	Kern	California	Ridgecrest	12/28/11			18	HP (<=60psig)		y	2.00	Steel	4.00	Double wrap	Good		None							
North Coast	Ukiah	Biosser	Willits	12/29/11	1943	E06	42	HP (<=60psig)	1993	n	6.00	PE 2406/2708 (Yellow)	1.00								n	n	n	n
Fresno	Fresno	San Joaquin	Fresno	12/29/11			13	HP (<=60psig)		n	2.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	E Clinton	Fresno	12/29/11			2	HP (<=60psig)		n	3.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Fresno	Fresno	L	Fresno	12/29/11			52	HP (<=60psig)		n	4.00	PE 2406/2708 (Yellow)	0.50								n	n	n	n
Kern	Kern	Chester	Bakersfield	12/30/11			30	HP (<=60psig)		y	3.00	Steel	0.75	Double wrap	Fair		None	y	y	Good				
Kern	Kern	Colony	Bakersfield	12/30/11			15			n	6.00	PE 2406 (Orange)	2.00								n	n	n	n
Fresno	Fresno	Nees	Fresno	12/30/11			1	HP (<=60psig)		n	2.00	PE 2406 (Orange)	1.00								n	n	n	n
Fresno	Fresno	W Front	Selma	12/30/11			50	LP (<=10.5"wc)		y	5.00	Steel	1.00	Hot Applied Asphalt	Good		None	n		Good				