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September 30, 2011

Michelle Cooke, Director – Consumer Protection and Safety Division
Julie Fitch, Director – Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Application 09-09-013

Dear Michelle and Julie:

Enclosed is Pacific Gas and Electric Company's first semi-annual Gas Transmission and Storage Safety Report, submitted in compliance with California Public Utilities Commission Decision 11-04-031, Ordering Paragraph 5.a. This report covers the period January 1 to June 30, 2011.

Today, this report is also being distributed via e-mail to parties on the service list for Application 09-09-013.

Regards,

Brian K. Cherry
VP Regulation and Rates

Enclosure

cc: A.09-09-013 Service List

PACIFIC GAS AND ELECTRIC COMPANY

GAS TRANSMISSION AND STORAGE SAFETY REPORT

JANUARY 1 – JUNE 30, 2011

IN COMPLIANCE WITH

CALIFORNIA PUBLIC UTILITIES COMMISSION

DECISION 11-04-031

SEPTEMBER 30, 2011

PACIFIC GAS AND ELECTRIC COMPANY
GAS TRANSMISSION AND STORAGE SAFETY REPORT
JANUARY 1 – JUNE 30, 2011
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Introduction and Background

This Gas Transmission Safety Report is provided in compliance with the California Public Utilities Commission (CPUC or Commission) Decision 11-04-031 in Pacific Gas and Electric Company's (PG&E or the Company) 2011 Gas Transmission and Storage (GT&S) Rate Case (approving the Gas Accord V Settlement Agreement). Ordering Paragraph (OP) 5 of that decision directs PG&E to prepare, on a semi-annual basis, a "Gas Transmission and Storage Safety Report" (Safety Report) containing information provided in Appendix C of the decision. This is the first report, for the six-month period January 1, 2011 through June 30, 2011, and is being served on the directors of the Commission's Consumer Protection and Safety Division (CPSD) and the Energy Division (ED), and to the service list in the 2011 GT&S Rate Case (A.09-09-013). Each subsequent report must cover the preceding six months, and must be served on each March 1 and September 1 thereafter until further notice.

In OP 6 of Decision 11-04-031, the Commission directed the CPSD to review the Safety Report, establish procedures to monitor PG&E's storage and pipeline related activities set forth in the reports, assess whether the projects PG&E identified in the proceeding are at risk of not being carried out, and to track whether PG&E is spending its allocated funds on storage and pipeline related safety, reliability, and integrity activities. The ED will provide assistance to the CPSD to review and monitor the reports. The CPSD was ordered to immediately bring to the Commission's attention any detected problems with PG&E's prioritization or administration of its gas transmission capital and Operations and Maintenance (O&M) activities.

The Safety Report is separated into the eight specific requirements listed in Appendix C of the decision. The introduction of each section of the Safety Report is a copy of the order as directed in Appendix C.

Summary

In June 2011, PG&E finalized its 2011 gas transmission and storage budget following Commission Decision 11-04-031 approving the Gas Accord V Settlement Agreement and Commission Decision 11-05-018 approving the 2011 General Rate Case (GRC). For 2011, PG&E has budgeted to spend more overall on gas transmission and storage safety, integrity and reliability than the amounts specified in the Gas Accord V Settlement Agreement. For the GT Capital MWCs included in this report, PG&E expects to spend $127.7 million in 2011, which is $32.2 million more than specified in the Gas Accord V Settlement Agreement. For the GT expense program, PG&E expects to spend the entire amount of $104.8 million in 2011 specified in the Gas Accord V Settlement Agreement. However, the total 2011 budgeted GT expense of $430.9 million includes incremental costs related to the San Bruno accident that were not anticipated when PG&E filed the Gas Accord V Settlement Agreement in August 2010. The 2011 Pipeline Safety Enhancement Plan (PSEP or "Implementation Plan") expense work that is proposed to be funded by shareholders is included in the budget for MWC KE at $165M and MWC KF at $55.7M, totaling $220.7M (reference Table 8-1 in August 26, 2011 Pipeline Safety Enhancement Plan). The $115.9M difference in budget for MWC KF represents MAOP validation and strength testing work on post-1970 pipe and other non-PSEP activities which is also proposed to be funded by shareholders. In addition, as stated by PG&E in the recent PSEP filing, 2011 capital related costs for PSEP capital projects in MWC 2H that become operational in 2011 will be funded by shareholders. This amount is currently forecasted to be about $1.4M.

In the first 6-month report period, PG&E has completed O&M activities to survey 2,501 miles of pipeline and perform 19,636 facility inspections. Specifically, these activities include 1,746 miles of pipeline leak survey performed, 702 miles of pipeline patrolled, maintenance/inspection performed on 8,684 valves and 2,542 district regulator stations, 26.4 miles of pipeline hydrotested, 3 miles of pipeline inspected by video camera, 24 miles integrity management assessments complete, and PG&E standby personnel were sent out to 11,170 sites to ensure pipeline safety where third parties were performing excavation work. (For details see Section 7, Table 7-1 Gas Transmission Inspection Pipeline Plan.)

This report also includes detailed information on nearly 300 capital projects and work activities and over 180 expense programs and work activities, as shown in Table 3-1.

Use of June 2011 Budget Data

The budget data for 2011 contained in this report reflect the budgets developed in June 2011. This is because the final decision approving the Gas Accord V Settlement Agreement was issued in April 2011 and the 2011 GRC decision was issued in May 2011. Therefore, PG&E was not able to prepare a final 2011 budget that incorporated the final decisions until then. Accordingly, the June 2011 capital budget data also include PG&E's estimate of increased spending as a result of the Tax Relief, Unemployment Insurance Reauthorization and Job Creation Act of 2010, which includes provisions on bonus depreciation.

Decision Making Process

1. Explanation for Ranking Gas Transmission Pipeline, Storage, Safety, Integrity, Inspection, Reliability and Operations and Maintenance Projects

Request

A thorough description and explanation of the strategic planning and decision-making approach PG&E uses to determine and rank the gas storage projects, pipeline transmission safety, integrity, and reliability of its pipeline projects, O&M activities, and inspections of its gas transmission pipelines. If there has been no change in PG&E's approach for determining and ranking which projects and activities are prioritized since the last Safety Report, the Safety Report may reference the earlier Safety Report.

Response

PG&E established plans and budgets for 2011 Gas Transmission capital and expense expenditures as part of the Company-wide operating plan development process. This decision-making process is outlined below.

In 2010, the managers with day-to-day responsibility for Gas Transmission capital and expense expenditures (program managers) gathered information from gas engineering, integrity management, maintenance and operations directors, managers, field superintendents, and project managers to develop, with input from the Gas Transmission Investment Planning Committee, a preliminary work plan for the following year. The program managers relied extensively on the planning information contained in the Project Status and Reporting System (PSRS) database.**[1]**

The work planned for the Gas Transmission system each year is based on a number of factors. Compliance with regulation is a key factor driving many inspection, maintenance and replacement programs. In addition, the maintenance, repair and replacement activities required to maintain the system integrity and safety are determined for the planning period. Work is also planned to provide capacity to meet customer needs and to achieve operational efficiency

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[1] PSRS is a database application used to collect, compile and manage project information to produce status and investment planning reports for Gas Transmission. PSRS was first released in 1996 to coincide with the introduction of SAP.

and reliability. In developing the preliminary work plan, the program managers start with the plan from the prior year and the forecast from the most recent rate case as the initial points of reference. The forecast developed for the 2011 GT&S Rate Case, which was filed in September 2009, was developed in early 2009. Therefore, the budget developed a year later for 2011 would incorporate updated information and changes in timing. This annual planning process was used to establish a budget for 2011, which was subsequently updated to reflect the final Gas Accord V decision.

Once this preliminary work plan was developed, the Gas Transmission program managers categorized the proposed work, capital projects and expense programs (O&M activities), according to the following priorities:

- Mandatory: Work that is required to maintain system safety, mandated by rule or regulation (e.g., CPUC or DOT) or is essential to maintaining the Company's business operations.
- Priority 1: Work that is deemed critical to the Company's operational goals and that could not be deferred without impact to system operations or reliability.
- Priority 2: Work that would have a moderate impact on the Company's operational goals but for which deferral may be considered.
- Priority 3: Work that is necessary to successfully realize the Company's long-term objectives but for which deferral may be considered.

This prioritization is consistent with the prioritization used by PG&E on a Company-wide basis. These categories were used to determine relative priorities for work in the upcoming year in order to develop the proposed 2011 budget and operating plan. Except for work within the mandatory category, the program managers further prioritized specific work within the same risk category (Priority 1, Priority 2, Priority 3) according to factors such as the impact of the work on system safety, system reliability and integrity, infrastructure maintenance, capacity needs, customer needs, and other operational requirements. Capital and expense work were prioritized separately. Gas Transmission work was not combined with gas distribution or electric transmission or electric distribution for purposes of this prioritization process.

The work included in the mandatory category, the prioritization of Gas Transmission work in priority categories 1, 2 and 3, as well as the proposed Gas Transmission plan and budget, were reviewed by Gas Transmission leadership and the Gas and Electric Transmission and Distribution (T&D) lines of business. The result of this process was the completion of a prioritization template for Gas Transmission expenditures that formed the basis for the Gas Transmission Department's proposed budget request and plan.

After review by the Finance Department, the proposed Gas Transmission budget and plan were submitted for further review and approval to PG&E's Operating Plan Committee (OPC), the team of senior officers responsible for PG&E's Company-wide planning and budgeting. For the 2010 budget request, the Gas Transmission business was included within the presentations prepared for the overall T&D lines of business for OPC approval. Upon completion of their review of all the budget requests for all PG&E lines of business, in conjunction with the Company's senior leadership, the OPC communicated the approved annual budgets for 2011 at the line of business level (i.e., at the Gas Transmission level but the budget was not specifically allocated by major work category or program). These approved budgets were also presented to the Company' Board of Directors for its concurrence.

After the approved budgets are presented, the line of business reviews the budget relative to the initial request. If the approved budget is different from the request, the line of business either defers lower priority work or funds additional work activities using the prioritization developed for the request and considering emergent issues. For example, in 2011, the approved budget for Gas Transmission Expense (base – safety related MWCs) was $94.8 million as compared to $91.6 million initially requested. This allowed emergent work to be funded without impacting the work initially requested. For Gas Transmission Capital (base – safety related MWCs) the approved budget was $127.7 million compared to the initial request of $128.2 million. This resulted in about $0.5 million of lower priority work being deferred for consideration in 2012.

Once the budget was finalized, the Gas Transmission program managers, with input from Gas Transmission management, developed a detailed work plan for 2011 which allocated the approved work and budget by division and by month.

This detailed budget and work plan was then entered into the SAP accounting system and designated as “DET” (a system abbreviation for “detailed budget”).

Mid-Year Updates

Throughout the year, Gas Transmission (along with the other operating departments) occasionally adjusts the work plan. As such, during the January to June 2011 reporting period, the detailed Gas Transmission budget and work plan were adjusted to address changes in work scope, adjustments in work execution plans or to address operational and other emergent issues. This re-planning effort (referred to as Cycle 1 Budget) occurred in May 2011 and included very minor changes to improve the work plan accuracy by month at the detail level. For the Gas Transmission business, there have been several emergent issues which have necessitated additional work being added to the work plan for the current year. The largest of these emergent projects are listed in the body of this report. Emergent work is evaluated using the same prioritization framework (Mandatory, Priority 1, 2 and 3) as is used for budgeting and is scheduled accordingly. Work may be delayed, deferred or accelerated as information and conditions change. The most common reason for work to be delayed throughout the year is third-party delays such as permitting or right-of-way issues. Occasionally work may be deferred as new information becomes available. For example, the Line 407 expansion project has been delayed due to slower load growth than originally projected.

Budgeting and Spending

2. Explanation of Funds Budgeted and Spent for Each Major Work Category

Request

The Safety Report must describe the amount of funds budgeted at the beginning of each calendar year and over the rate case period, as well as the amount spent during the reporting period and for that calendar year, for each Major Work Category (MWC) related to gas storage, pipeline safety, integrity and reliability for capital expenditures and for O&M activities. To the extent these funds are specified in the settlement or other document, such as work papers or testimony, references to where these amounts are mentioned must be provided.

Response

The 2011 Budget and Expenditures to date for the Capital and Expense MWCs related to Gas Transmission System Safety and Integrity are set forth in Tables 2-1 and 2-2. For the sake of completeness, PG&E also included in Tables 2-1 and 2-2 the amounts specified in the Gas Accord V Settlement, to the extent that there were dollar amounts specified for a particular MWC.

Although less than 50 percent of the amounts budgeted for 2011 have been spent during the first six months of the year, the full amount budgeted is expected to be spent by year end.

The 2011 Pipeline Safety Enhancement Plan (PSEP or "Implementation Plan") expense work that is proposed to be funded by shareholders is included in the budget for MWC KE at $165M and MWC KF at $55.7M, totaling $220.7M (reference Table 8-1 in August 26, 2011 Pipeline Safety Enhancement Plan). The $115.9M difference in budget for MWC KF represents MAOP validation and strength testing work on post-1970 pipe and other non-PSEP activities which is also proposed to be funded by shareholders. In addition, as stated by PG&E in the recent PSEP filing, 2011 capital related costs for PSEP capital projects in MWC 2H that become operational in 2011 will be funded by shareholders. This amount is currently forecasted to be about $1.4M.

The MWCs excluded from this report, not related to safety or integrity management are the following:

- **Capital** – 5 (Tools), 12 (Environmental), 26 (New Business), 78 (Manage Buildings), 83 (Work Required by Others), and 91 (Power Plant Metering).
- **Expense** – AK (Environmental), AY (Habitat & Species Protection), CR (Manage Waste Disposal & Transportation), CX (Gas Marketing, Sales & Strategy).

TABLE 2-1
PACIFIC GAS AND ELECTRIC COMPANY
2011 GAS STORAGE, PIPELEINE SAFETY, INTEGRITY AND RELIABILITY PROJECTS CAPITAL BUDGET BY MWC
(IN THOUSANDS OF 2011 DOLLARS

MWC	MWC Description	Budget [1]	Actuals 1/1 - 6/30	YTD Actuals 6/30	Gas Accord V Settlement Amount [4]
73	G Trans New Capacity - Gas	19,981	4,243	4,243	13,500
75	G Trans Reliability - Pipeline	39,300	12,782	12,782	14,800
84	G Trans Gathering System	2,433	1,111	1,111	2,400
98	GT Integrity Management	25,754	12,125	12,125	23,000
76	G Trans Reliability - Station	40,240	16,997	16,997	41,800
Gas Transmisson Capital- Base		**127,708**	**47,258**	**47,258**	**95,500**
Gas Transmission- Non-Base Costs [2]					
2H	GT PL Safety Enhance Plan	28,550	2,402	2,402	N/A
2J	GT&D Implement Regulatory Change	15,700	2,432	2,432	N/A
Gas Transmission Capital- Non-Base [2]		**44,250**	**4,834**	**4,834**	
Gas Transmisson Adder Projects [3]					
73	G Trans New Capacity - Gas	9,900	2,230	2,230	31,800
Gas Transmission Capital- Adder Projects [3]		**9,900**	**2,230**	**2,230**	**31,800**
OBS- StanPac					
34	Maintain Gas Trans-Subsidiary	1,308	1,234	1,234	N/A
44	Gas Capital:GasTrans-Subsidiary	529	101	101	N/A
Other Balance Sheet Capital- StanPac		**1,837**	**1,335**	**1,335**	

[1] Budgets are generally approved by management on an annual basis, in the 4th quarter for the following calendar year. For 2011, the budget was updated in June to reflect both the 2011 GT&S Rate Case (Gas Accord V) decision and the 2011 GRC decision which occurred in April and May, respectively. Budgets for the remaining rate case period (2012 - 2014) will be included in subsequent reporting periods as these budgets are approved by management.

[2] Non-Base represents costs incurred, incremental to the base program, in support of pipeline safety, integrity and reliability, and that are directly attributable to the San Bruno accident.

[3] The cost of the Adder projects are authorized to be included in rates only after a project becomes operational.

[4] The MWC listed above are referenced in the Gas Accord V Settlement Decision D.11-04-031 (Appendix A - Gas Accord V Settlement Agreement (Page 6 - Section 7.2), April 14, 2011.

TABLE 2-2
PACIFIC GAS AND ELECTRIC COMPANY
2011 GAS STORAGE, PIPELEINE SAFETY, INTEGRITY AND RELIABILITY O&M ACTIVITIES BUDGET BY MWC
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Description	Budget [1]	Actuals 1/1 - 6/30	YTD Actuals 6/30	Gas Accord V Settlement Amount [5]
BX	Maint Gas Transm System	56,804	32,265	32,265	N/A
CM	Oper Gas Transmission Fac	11,650	4,928	4,928	N/A
DF	Mark & Locate - G&E	4,354	2,569	2,569	N/A
II / HP	GT Integrity Management [2]	22,000	11,941	11,941	22,000
Gas Transmission Expense- Base		**94,808**	**51,704**	**51,704**	
BX	Maint Gas Transm System	0	72	72	N/A
KE	GT PL Safety Enhance Plan	164,547	23,305	23,305	N/A
KF	GT&D Implement Regulatory Change	171,586	60,748	60,748	N/A
Gas Transmission Expense- Non-Base [3,4]		**336,133**	**84,124**	**84,124**	

[1] Budgets are generally approved by management on an annual basis, in the 4th quarter for the following calendar year. For 2011, the budget was updated in June to reflect both the 2011 GT&S Rate Case (Gas Accord V) decision and the 2011 GRC decision which occurred in April and May, respectively. Budgets for the remaining rate case period (2012 - 2014) will be included in subsequent reporting periods as these budgets are approved by management.

[2] Gas Transmission Integrity management expenses are recorded in MWCs II and HP. The creation of MWC was necessitated for accounting purposes by the authorization of a one-way balancing account for Gas Transmission Integrity Management expenses.

[3] Non-Base represents costs incurred, incremental to the base program, in support of pipeline safety, integrity and reliability, and that are directly attributable to the San Bruno accident.

[4] Items Impacting Comparability (IIC) is an external reporting term used to identify expenses that are incremental to normal business operations, and are one-time in nature. Included in the Gas Transmission- Non-base expense is IIC Budget of $331,633 and IIC YTD Actuals of $82,249.

[5] The MWC listed above are referenced in the Gas Accord V Settlement Decision D.11-04-031 (Appendix A - Gas Accord V Settlement Agreement (Page 8 - Section 7.3), April 14, 2011. With the exception of GT Integrity Management, these MWCs were not specified in the settlement but are a subset of MWCs included in Line No. 4 “All Other O&M” in Table 7.3. of the Gas Accord V Settlement Agreement. Note that total amount shown in the Decision for O&M expense is in “FERC” dollars and does not include payroll taxes and benefits. This amount also includes other O&M costs not included as part of safety costs shown above.

3. Scheduling Project Capital and O&M Costs Exceeding $250,000, Including Whether Costs Were Included in Previous Rate Cases

Request

The Safety Report must identify and describe each gas storage project, pipeline safety, integrity and reliability capital project and any applicable high risk ranking, and the pipeline integrity O&M work activities, which were planned to start during the reporting period, and the project costs associated with each project or work activity exceeding $250,000. For each project or work activity with a cost of $250,000 or less, those may be reported as an aggregate total by MWC. PG&E must also identify in the Safety Report whether each such capital project and O&M work activities was included in any prior gas transmission and storage rate case application request, and provide a reference to those prior documents supporting such a request. PG&E must also describe if the planned capital project is to be undertaken in response to a federal and/or Commission requirement or advisory and/or a recommendation of the National Transportation Safety Board. PG&E must also identify whether the capital project is included in PG&E's Risk Management Top 100 report, or a successor report, and whether the capital project is located in a high consequence area.

Response

Table 3-1 (on pages 16-22) shows the data requested in Sections 3 and 4. A brief description of the table columns and the data they contain follows:

Table 3-1 Column F (major work category description) and Column G (description of the project name or work category) identify and describe each gas storage project, pipeline safety, integrity, and reliability capital project, and the pipeline integrity O&M work activities which were planned to start during the reporting period with a project or work activity cost exceeding $250,000. Column R identifies projects that were included in the Risk Management Top 100 reports[2] from 2007, 2008 or 2009 for each project or work activity. Column I, identifies those projects that were planned to start during the reporting period. Column J identifies the order start dates for projects or work activities which started or were underway in the reporting period. Costs for each project or work

[2] PG&E no longer utilizes the Top 100 Report to analyze risk or prioritize work. For this column, PG&E indicated if any project was included in the 2007, 2008, or 2009 Top 100 Report.

activity are shown in Columns O, P, and Q for the amount spent in the reporting period, the amount spent YTD through June, and the amount spent since inception, respectively. Column T[3] identifies those projects that were included in past GT&S rate case capital workpapers. Capital projects that were undertaken in response to a federal and/or Commission requirement or advisory and/or a recommendation of the NTSB are identified in Column U.[4] Column S identifies those capital projects that are located in a high consequence area.[5]

The individual projects or work activities shown in Table 3-1 have met all of the following criteria:

1. Not in the MWC exclusion list shown in the response to Question 2.
2. Total net project forecast >$250,000 for either the 2011 GT&S Rate Case workpapers with the supporting internal PG&E forecast, the January 1, 2011 internal PG&E forecast, or the June 30, 2011 internal PG&E forecast.
3. GT orders with actual recorded costs between January 1, 2011, and June 30, 2011.

Regarding Column T (projects included in past GT&S rate case capital workpapers), it should be noted that inclusion of a project in a rate case request does not necessarily mean that the project was included in the final litigated or settled revenue requirement at the requested expenditure level. Rate case requests are forecasts. Like all forecasts, they change over time and are replaced with better forecasts as more information becomes available and business needs change. The only exception to the foregoing is certain Major Work Categories in the Gas Accord V Settlement. The Settlement itself commits PG&E to spend all of the O&M amounts included in rates for Pipeline Integrity Management—or return the unspent amounts to ratepayers through a balancing

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[3] The first Gas Accord did not include a specific capital project list in the workpapers supporting the case. The first Gas Accord which did include a specific capital project list in the workpapers supporting the case was the 2004 Gas Accord.

[4] We interpreted the order to note capital projects that were undertaken in response to a Federal and/or Commission requirement or advisory and/or a recommendation of the NTSB to indicate those capital projects specifically identified to be undertaken by PG&E as a direct result of a specific federal or Commission regulatory directive. That type of work is included in MWCs 2H and 2J. For the sake of completeness, we also included the CPUC-ordered Leak Survey expense work.

[5] Routine work occurring near pipelines in an HCA are not identified.

account (see Gas Accord V Settlement, Section 7.3.1). Also, PG&E committed after the Gas Accord V Settlement was submitted to the Commission to spend all of the capital amounts included in rates for Integrity Management and Pipeline Safety and Reliability (see "Comments of Pacific Gas and Electric Company in Response to September 15, 2010 Assigned Commissioner and Administrative Law Judge's Ruling to Address Whether Proposed Settlement is Adequate in Terms of Pipeline Safety, Integrity, and Reliability Efforts," September 20, 2010, pp. 4-5).

As noted, Column T indicates if individual projects were listed in the rate case workpapers for prior PG&E GT&S Rate Cases. The references to the various rate case capital workpapers are as follows:

- 2004 – GAII, Chapter 10, Amended Application (A.01-10-011)
- 2005 – GAIII, Chapter 4, Application (A.04-03-021)
- 2008 – GT&S Workpapers Supporting Capital Expenditures (no formal application number or chapter number)
- 2011 – GAV, Updated Chapter 6, Application (A.09-09-013) (filed March 26, 2010)

Tables 3-2 and 3-3 detail costs aggregated by MWC for those projects or work activities amounting to $250,000 or less.

TABLE 3-2
PACIFIC GAS AND ELECTRIC COMPANY
TOTAL CAPITAL PROJECTS COSTS STARTED OR UNDERWAY IN THE REPORTING PERIOD <$250K
(IN 2011 DOLLARS)

		Total Capital Projects Costs Started or Underway in the Reporting Period <$250K		
MWC	Description	Costs During Reporting Period	Total Costs YTD Thru June	Total Costs Since Inception
2H	GE&O Implement Plan	$ 143,674	$ 143,674	$ 219,284
2J	Implement Regulatory Changes	62,886	62,886	241,889
34	Trans Subsid Exp	331,713	331,713	336,738
44	Trans Subsid Capital	94,684	94,684	330,958
73	Pipeline Capacity	-	-	328,960
75	Pipeline Reliability	2,890,999	2,890,999	8,518,998
76	Station Reliability	284,749	284,749	3,194,109
84	Gas Gathering	459,063	459,063	1,606,617
98	Capital Integrity Mgmt	-	-	-
	Total	**$ 4,267,767**	**$ 4,267,767**	**$ 14,777,552**

TABLE 3-3
PACIFIC GAS AND ELECTRIC COMPANY
TOTAL EXPENSE PROJECTS COSTS STARTED OR UNDERWAY IN THE REPORTING PERIOD <$250K
(IN 2011 DOLLARS)

		Total Expense Projects Costs Started or Underway in the Reporting Period <$250K		
MWC	Description	Costs During Reporting Period	Total Costs YTD Thru June	Total Costs Since Inception
BX	Maintenance	$ 5,808,338	$ 5,808,338	$ 15,593,321
CM	Operations	4,572,031	4,572,031	4,572,031
DF	Mark & Locate	2,569,045	2,569,045	2,569,045
HP/II	Exp Integrity Management	454,143	454,143	753,240
KE	GT PL Safety Enhance Plan	595,962	595,962	595,962
KF	Implement Regulatory Change	2,570,301	2,570,301	4,161,431
	Total	**$ 16,569,819**	**$ 16,569,819**	**$ 28,245,029**

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT CAPITAL

GT&S Capital

Line #	Capital	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period (Y/N)	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June 30	Total amount spent since project inception to June 30	Top 100 Report (Report Year or Blank)	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Capital	23816	30841613	2H	GE&O Implement Plan	L 142S REPL 1.06MI MP 0.0027 6.35 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	810	810	810		Y		Y
2	Capital	23748	30841618	2H	GE&O Implement Plan	L 191 REPL 2.20MI MP 0.07 6.47 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	3,778	3,778	3,778		Y		Y
3	Capital	23807	30842178	2H	GE&O Implement Plan	DFM 1020 01 REPL 2.69MI MP 0.00 2.69 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	851	851	851		N		Y
4	Capital	23760	30842196	2H	GE&O Implement Plan	DFM 0611 08 REPL 0.06MI MP 0.00 0.06 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	446	446	446		Y		Y
5	Capital	23720	30842201	2H	GE&O Implement Plan	DFM 7221 10 REPL 0.14MI MP 15.98 16.13 P	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	540	540	540		Y		Y
6	Capital	23725	30842203	2H	GE&O Implement Plan	DFM 0614 10 REPL 0.09MI MP 0.00 0.00 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,312	1,312	1,312		N		Y
7	Capital	23788	30842208	2H	GE&O Implement Plan	L 103 MP 5.68 20.54 REPL.8.2MI PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	4,942	4,942	4,942	2007, 2008, 2009	Y		Y
8	Capital	23815	30842211	2H	GE&O Implement Plan	L 108_2 REPL 2.58mi MP 48.20 50.69 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,590	1,590	1,590		Y		Y
9	Capital	23704	30842212	2H	GE&O Implement Plan	L 109_3 REPL 6.06MI MP 16.93 24.00 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	4,925	4,925	4,925	2007, 2008	Y		Y
10	Capital	23692	30842214	2H	GE&O Implement Plan	L 109_4 REPL 6.84MI MP 24.84 33.26 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	7,121	7,121	7,121		Y		Y
11	Capital	23832	30842215	2H	GE&O Implement Plan	L 111A REPL 6.61MI MP 19.30 27.53 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	5,795	5,795	5,795		Y		Y
12	Capital	23822	30842218	2H	GE&O Implement Plan	L 123 REPL 4.17MI MP 0.00 7.51 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,938	1,938	1,938		Y		Y
13	Capital	23793	30842219	2H	GE&O Implement Plan	L 125 REPL 1.31MI MP 0.00 0.00 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	277	277	277		N		Y
14	Capital	23717	30842221	2H	GE&O Implement Plan	DFM 1209 05 REPL 0.03MI MP 4.99 5.02 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,360	1,360	1,360		N		Y
15	Capital	23825	30842223	2H	GE&O Implement Plan	L 138 REPL 6.51MI MP 38.58 45.09 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	14,205	14,205	14,205	2007, 2008, 2009	Y		Y
16	Capital	23845	30842227	2H	GE&O Implement Plan	L 167 REPL 10.72MI MP 22.56 34.52 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,781	1,781	1,781		Y		Y
17	Capital	23797	30842228	2H	GE&O Implement Plan	L 167 1 REPL 2.09MI MP 4.46 6.55 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	837	837	837		N		Y
18	Capital	23772	30842234	2H	GE&O Implement Plan	L 181A REPL 1.73MI MP 15.31 16.81 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	6,491	6,491	6,491		Y		Y
19	Capital	23773	30842235	2H	GE&O Implement Plan	L 181B REPL 0.36MI MP 2.17 10.32 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,819	1,819	1,819	2007, 2008	Y		Y
20	Capital	23698	30842237	2H	GE&O Implement Plan	L 210A REPL 2.28MI MP 19.51 25.62 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	540	540	540		Y		Y
21	Capital	23727	30842239	2H	GE&O Implement Plan	L 021F REPL 4.24MI MP 0.00 21.16 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,755	1,755	1,755		Y		Y
22	Capital	23770	30842242	2H	GE&O Implement Plan	L 301A REPL 0.07MI MP 0.00 17.69 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	10,776	10,776	10,776		Y		Y
23	Capital	23688	30841472	2H	GE&O Implement Plan	L 114_2 REPL 7.50MI MP 9.03 28.98 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,677	1,677	1,677	2009	Y		Y
24	Capital	24077	30843913	2H	GE&O Implement Plan	L 108_1 REPL 1.06mi MP 37.14 38.17 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	3,796	3,796	3,796	2007, 2008	Y		Y
25	Capital	24085	30843921	2H	GE&O Implement Plan	DFM 0604 06 REPL 0.01MI MP 0.00 0.00 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,242	1,242	1,242		N		Y
26	Capital	24444	P.03741	2H	GE&O Implement Plan	L 109_1 REPL 3.70mi MP 3.41 9.89 PH1	Estimation	Y	1/1/2011	12/31/2020	Y	Y	N	405,156	405,156	405,156		Y		Y
27	Capital	23694	30841473	2H	GE&O Implement Plan	L 131_1 REPL 0.04MI MP 42.35 57.47 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	912	912	912	2007, 2008, 2009	Y		Y
28	Capital	24158	30846247	2H	GE&O Implement Plan	HYDROTEST CAPITAL VALVES AND TESTHEADS	Construction	N	3/1/2011	12/31/2015	Y	Y	N	274,644	274,644	274,644		N		Y
29	Capital	22589	30810661	2H	GE&O Implement Plan	PI2020 `Valve Pilot Cap	Close Out	N	9/29/2010	12/31/2014	N	Y	N	243,153	243,153	257,449		Y		Y
30	Capital	23975	30842294	2H	GE&O Implement Plan	VALVE AUTO `INSTALL FLOW METERS PH. 1	Estimation	Y	1/1/2011	1/1/2015	Y	Y	N	75	75	75		Y		Y
31	Capital	23378	P.03672	2H	GE&O Implement Plan	Valve Auto `Phase 1	Engineering / Permitting	Y	1/1/2011	1/1/2013	Y	Y	N	1,243,465	1,243,465	1,243,465		Y		Y
32	Capital	24021	30846925	2H	GE&O Implement Plan	L 300A MP 353 391 UPGRADE PH 1	Construction	N	3/1/2011	12/31/2015	Y	Y	N	4,482	4,482	4,482		Y		Y
33	Capital	24023	30846926	2H	GE&O Implement Plan	L 300A MP 299 352 UPGRADE PH 1	Construction	N	3/1/2011	12/31/2015	Y	Y	N	1,634	1,634	1,634		Y		Y
34	Capital	24012	30846925	2H	GE&O Implement Plan	30846923 L 300B MP 353 390 UPGRADE PH 1	Construction	N	3/1/2011	12/31/2015	Y	Y	N	2,484	2,484	2,484	2007, 2008	Y		Y
35	Capital	24017	30846924	2H	GE&O Implement Plan	30846924 L 300B MP 299 353 UPGRADE PH 1	Construction	N	3/1/2011	12/31/2015	Y	Y	N	1,337	1,337	1,337		N		Y
36	Capital	24292	30847506	2J	Implement Reg. Changes	N8 EQUIPMENT PURCH SUPPORT OF CII CAMERA	Construction	N	4/18/2011	12/31/2011	Y	Y	N	346,608	346,608	346,608		N		Y
37	Capital	21990	30772051	2J	Implement Reg. Changes	Milpitas Terminal Ups Replacement	Close Out	N	4/4/2010	10/21/2010	N	Y	N	2,261	2,261	446,769		N		Y
38	Capital	23268	30843956	2J	Implement Reg. Changes	CYBER SECURITY	Estimation	N	4/1/2011	12/31/2012	Y	Y	N	231,674	231,674	231,674		N		Y
39	Capital	19830	30677902	2J	Implement Reg. Changes	L 132 Mp 0.00 32.93 Ili Upgrade	Estimation	N	7/1/2009	11/1/2013	N	Y	N	37,335	37,335	368,178	2007, 2008, 2009	Y		Y
40	Capital	19831	30677903	2J	Implement Reg. Changes	L 109 Mp 0.00 43.47 Ili Upgrade	Estimation	N	9/15/2010	11/1/2014	N	Y	N	30,544	30,544	404,941	2007, 2008, 2009	Y		Y
41	Capital	22388	30801677	2J	Implement Reg. Changes	L132 Mp 39.28 Sbi Replacement	Estimation	N	9/10/2010	10/15/2012	N	Y	N	71,703	71,703	933,274		N		Y
42	Capital	22406	30802876	2J	Implement Reg. Changes	L 132 Mp 40.05 Sbi Healy Station Ctrl	Close Out	N	9/15/2010	11/10/2010	N	Y	N	80,413	80,413	604,497		Y		Y
43	Capital	22408	30802878	2J	Implement Reg. Changes	L 132/l 109 Crosstie New San Andrea Stat	Close Out	N	9/15/2010	12/30/2010	N	Y	N	248,393	248,393	2,591,773		Y		Y
44	Capital	22416	30803479	2J	Implement Reg. Changes	132 Mp 10.32 109 Mp 9.89 Sierra Vista X	Close Out	N	9/17/2010	12/1/2010	N	Y	N	137,801	137,801	681,277		Y		Y
45	Capital	22500	30807926	2J	Implement Reg. Changes	Milpitas Station Security System Upgrade	Construction	N	10/4/2010	5/1/2011	N	Y	Y	138,278	138,278	768,566		Y		Y
46	Capital	23184	30831661	2J	Implement Reg. Changes	LNG TRAILER PURCHASE	Engineering / Permitting	Y	1/21/2011	3/1/2012	Y	Y	N	10,027	10,027	10,027		N		Y
47	Capital	23182	30834406	2J	Implement Reg. Changes	LNG VAPORIZER SYSTEMS FABRICATION	Construction	N	2/1/2011	3/1/2012	Y	Y	N	738,065	738,065	738,065		N		Y
48	Capital	23459	30840645	2J	Implement Reg. Changes	CNG GAP TRAILER FABRICATION	Engineering / Permitting	N	3/11/2011	2/1/2012	Y	Y	N	36,474	36,474	36,474		N		Y
49	Capital	24094	30845652	2J	Implement Reg. Changes	CNG TUBE TRAILER PURCHASE	Engineering / Permitting	N	3/29/2011	2/1/2012	Y	Y	N	259,967	259,967	259,967		N		Y
50	Capital	19389	30631419	73	Pipeline Capacity	Dfm 3001 01 Mp 2.019 Reinforce For Apd	Engineering / Permitting	N	5/15/2008	5/30/2012	N	Y	N	2,512	2,512	11,257		N		N
51	Capital	19789	30671299	73	Pipeline Capacity	Beale Afb Dfm Uprate	Close Out	N	9/28/2008	3/1/2010	N	N	Y	0	0	225,598		N		N
52	Capital	19856	30676371	73	Pipeline Capacity	Airport Dfm 0615 01 Repl Pri Tap/regs	Close Out	N	10/15/2008	11/14/2009	N	N	Y	0	0	313,001		Y		N
53	Capital	20381	30687153	73	Pipeline Capacity	0618 05 Uprate Roseville Dfm 500psig Cap	Close Out	N	1/24/2009	10/30/2010	N	Y	Y	17,664	17,664	450,080		Y		N
54	Capital	20871	7072046	73	Pipeline Capacity	Vaporizer 2 3 & 4 Upgrade	Construction	N	5/1/2009	6/30/2011	N	Y	Y	4,768	4,768	336,123		N		N
55	Capital	21191	30733635	73	Pipeline Capacity	Galt Primary Dr `Rebuild Sta `Cap/reliab	Construction	N	9/23/2009	6/30/2011	N	Y	N	502,608	502,608	645,253		N		N
56	Capital	21295	30740127	73	Pipeline Capacity	0601 01 Vacaparkwydfm Extend 2000 4"	Close Out	N	10/23/2009	5/1/2011	N	Y	N	314,365	314,365	578,480		N		N
57	Capital	22758	30841066	73	Pipeline Capacity	Bakersfield Tap Replace Separtor Meter	Estimation	N	2/1/2011	6/1/2012	Y	Y	N	699	699	699		N		N
58	Capital	15603	30603687	73	Pipeline Capacity	L118 Cap Reinf 16" Mp72.35 73.21	Engineering / Permitting	N	7/9/2004	3/1/2016	N	Y	N	279	279	6,716		Y	2008	N
59	Capital	15621	30603690	73	Pipeline Capacity	Mather Dfm Ph5 Install 25,000' 12"	Construction	N	7/26/2004	11/15/2010	N	Y	N	37,123	37,123	14,171,303		N	2008, 2011	N
60	Capital	16582	30603812	73	Pipeline Capacity	Folsom Dfm 9451 Of 16" Madison To Bridge	Engineering / Permitting	N	3/9/2005	12/31/2022	N	Y	N	5,947	5,947	143,281		N	2008	N
61	Capital	16597	30603817	73	Pipeline Capacity	L 210 A Mp 21.88 `24.13 Repl Pipeline	Engineering / Permitting	N	3/10/2005	9/30/2012	N	Y	N	58,056	58,056	260,985		Y	2011	N
62	Capital	16570	30603844	73	Pipeline Capacity	Merced Dfm Exten, 2 Miles Of 8" And Dr	Engineering / Permitting	N	1/1/2008	3/1/2013	N	Y	N	991	991	28,671		Y	2008, 2011	N
63	Capital	16929	30603879	73	Pipeline Capacity	Inst L108/401 Crosstie, Vernalis Tap	Construction	N	6/20/2005	10/24/2011	N	Y	N	1,634,353	1,634,353	1,819,461		N	2008, 2011	N
64	Capital	16876	P.01895	73	Pipeline Capacity	L 108 Ext. Thornton to Elk Grove Blvd.	Close Out	N	10/31/2000	7/1/2009	N	N	N	1,405	1,405	42,824,756		Y	2008, 2011	N
65	Capital	17905	30604138	73	Pipeline Capacity	TULLY DFM 5 MI 16 IN KING TO LINCOLN	Estimation	N	1/1/2007	10/30/2017	N	Y	N	19	19	466		Y	2011	N
66	Capital	18391	30604252	73	Pipeline Capacity	L118 CAP. REINF 16" MP 74.89 77.09 G	Engineering / Permitting	N	1/1/2007	3/30/2017	N	Y	N	51	51	1,227		Y		N
67	Capital	18576	30604309	73	Pipeline Capacity	L 108, Mp 11.73 14.13, 24" Replacement	Close Out	N	1/1/2008	6/30/2010	N	Y	N	168,131	168,131	11,896,893	2007, 2008, 2009	N	2011	N
68	Capital	17488	P.02137	73	Pipeline Capacity	L 406 Expansion Project	Close Out	N	3/9/2005	11/30/2010	N	Y	N	947,360	947,360	56,034,806		N	2011	N
69	Capital	20408	P.03019	73	Pipeline Capacity	L 118g 3.09 miles of 16"mp 53.77 56.86	Close Out	N	1/1/2006	6/15/2010	N	Y	Y	106,273	106,273	7,493,993		N	2011	N
70	Capital	20291	30701925	73	Pipeline Capacity	L331, MP .48 TO .79, INST. NEW 12" PIPE	Close Out	N	1/6/2009	12/31/2009	N	Y	N	692	692	806,004		Y	2011	N
71	Capital	20502	30708565	73	Pipeline Capacity	L331 Mp 1.6 3.2 Inst. New 12" Pipe 2010	Close Out	N	3/24/2009	7/31/2010	N	Y	Y	6,955	6,955	1,561,590		N	2011	N
72	Capital	20831	30713000	73	Pipeline Capacity	Fresno Belt Cap Uprate To 300 Psig	Estimation	Y	1/1/2011	11/1/2012	Y	Y	N	13,801	13,801	13,801		Y	2011	N
73	Capital	20836	30713007	73	Pipeline Capacity	Lawrence Dfm Cap Uprate 10 Mile 16 Inch	Engineering / Permitting	N	3/1/2010	12/31/2012	N	Y	N	44,239	44,239	62,024		Y	2011	N
74	Capital	19386	30631285	73	Pipeline Capacity	Dfm 3017 01 Mp 0.0 Reinforce For Apd	Engineering / Permitting	N	5/14/2008	12/1/2011	N	Y	N	84,885	84,885	119,387		N	2011	N
75	Capital	17855	30604135	73	Pipeline Capacity	Helm Junction Upgrades	Close Out	N	1/1/2007	10/1/2009	N	Y	N	4,507	4,507	944,224		N		N
76	Capital	22771	30819311	73	Pipeline Capacity	Dreg5468 `6" Airport Rd Dfm Extnd 6000	Engineering / Permitting	N	11/1/2010	11/15/2011	N	Y	N	90,938	90,938	98,014		Y		N

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT CAPITAL

GT&S Capital

Line #	Capital	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period (Y/N)	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June 30	Total amount spent since project inception to June 30	Top 100 Report (Report Year or Blank)	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
77	Capital	17057	30603905	73	Pipeline Capacity	M0605 01 Mp2.69 mp5.13 Inst 2.5mi 8" Cap	Construction	N	8/18/2005	11/15/2011	N	Y	N	216,727	216,727	304,979		N		N
78	Capital	20825	30726198	73	Pipeline Capacity	L 148 Morgan/whitmore Reg Stn Upgrade	Engineering / Permitting	N	5/14/2009	10/30/2011	N	Y	N	31,245	31,245	37,171		Y		N
79	Capital	19041	P.02696	73	Pipeline Capacity	L 407 Ph.2	Delayed	N	5/1/2005	11/30/2013	N	Y	N	368,589	368,589	5,165,023		N	2008, 2011	N
80	Capital	19040	P.02695	73	Pipeline Capacity	L 407 Ph.1	Delayed	N	3/9/2005	11/30/2012	N	Y	N	1,862,667	1,862,667	9,951,397		N	2011	N
81	Capital	20651	P.03092	73	Pipeline Capacity	P.03092 TID Almond Power Plant Project	Construction	N	2/9/2009	12/1/2011	N	Y	N	76,531	76,531	127,225		N	2011	N
82	Capital	22439	P.02192	75	Pipeline Reliability	L 402 Casing Ets/vent Installation	Engineering / Permitting	N	9/23/2010	11/16/2011	N	Y	N	20,215	20,215	20,506		N		N
83	Capital	23965	30840649	75	Pipeline Reliability	SACRAMENTO DIV. REMOTE P/S MONITORS	Estimation	N	3/21/2011	3/21/2013	Y	Y	N	401	401	401		N		N
84	Capital	15142	7053157	75	Pipeline Reliability	Alvarado niles Dfm Mp 2.36 3.48 Replace	Close Out	N	3/30/2004	6/30/2008	N	N	Y	0	0	2,771,963		N	2008	N
85	Capital	14809	P.01507	75	Pipeline Reliability	Cathodic Protection Program 2004 2008	Close Out	N	11/28/2003	12/31/2009	N	Y	N	211,973	211,973	6,023,161		N	2008	N
86	Capital	17729	P.02780	75	Pipeline Reliability	Install Rectifier Remote Monitors	Close Out	N	1/1/2007	8/1/2010	N	Y	N	249,873	249,873	5,124,920		N	2008, 2011	N
87	Capital	23323	30838924	75	Pipeline Reliability	L 132 MP 29.00 REPLACE RECTIFIER	Construction	N	2/25/2011	12/1/2011	Y	Y	N	11,376	11,376	11,376		N	2011	N
88	Capital	18393	P.02912	75	Pipeline Reliability	Cathodic Protect Prm 2009 2013	Construction	N	1/1/2008	6/30/2014	N	Y	N	1,817,370	1,817,370	5,012,023		N	2011	N
89	Capital	22958	P.03616	75	Pipeline Reliability	Capitol BART interference Remmediation	Construction	Y	1/5/2011	12/30/2013	Y	Y	N	13,952	13,952	13,952		Y		N
90	Capital	22835	30838826	75	Pipeline Reliability	INSTALL ETS'S AT CASED XINGS SYSTEM WIDE	Engineering / Permitting	Y	1/1/2011	12/1/2011	Y	Y	N	8,147	8,147	8,147		N		N
91	Capital	8626	7028065	75	Pipeline Reliability	Purchase Easement for L 131 Livermore	Engineering / Permitting	N	9/22/1999	12/31/2011	N	N	N	0	0	220,299		N		N
92	Capital	15654	30603534	75	Pipeline Reliability	Install Ercon Mats L137b Gannon Slough	Close Out	N	8/1/2004	10/15/2010	N	Y	N	692	692	353,946		N		N
93	Capital	16167	30603578	75	Pipeline Reliability	Portable Blowdown Silencers	Estimation	N	1/20/2005	10/30/2012	N	Y	N	702	702	16,908		N		N
94	Capital	17502	30607402	75	Pipeline Reliability	L21h Mp 10.44 North Slough Napa	Close Out	N	3/27/2006	9/30/2008	N	Y	N	5,829	5,829	324,913		N		N
95	Capital	17503	30638281	75	Pipeline Reliability	L21E, MP 137, HAEHL CRK, WILLITS, ERCON	Close Out	N	3/27/2006	12/31/2008	N	Y	N	3,895	3,895	385,414		Y		N
96	Capital	17977	30638282	75	Pipeline Reliability	L21e, Mp 79, Asti, Relocate 100' 12" tp	Close Out	N	8/7/2006	9/30/2010	N	Y	N	4,237	4,237	590,891		N		N
97	Capital	18920	30605575	75	Pipeline Reliability	Replace Leaking V76 c6a Cottle Rd, Sj	Close Out	N	11/1/2007	8/30/2010	N	Y	N	585	585	282,443		Y		N
98	Capital	18925	30605992	75	Pipeline Reliability	0646 01cachecrk Dfm Dnrate Mp9.9 4.8	Construction	N	11/4/2007	9/30/2011	N	Y	N	2,540	2,540	43,988		N		N
99	Capital	18987	30607981	75	Pipeline Reliability	Launchers / Receivers Portable P/l Dry	Close Out	N	12/17/2007	5/15/2009	N	Y	N	251	251	319,117		N		N
100	Capital	19590	30656390	75	Pipeline Reliability	L 21g Mp 2.54 Relocate Valve Set	Engineering / Permitting	N	8/11/2008	8/31/2012	N	Y	N	3,571	3,571	86,391		N		N
101	Capital	19795	30662418	75	Pipeline Reliability	*canc* L 108 Mp 61.7 mp 65.9 Perfec*canc	Close Out	N	9/28/2008	12/31/2011	N	N	N	13,322	13,322	0	2007, 2008, 2009	Y		N
102	Capital	20000	30677865	75	Pipeline Reliability	Line 21c Mp 34.84 Remove Mlv	Close Out	N	12/6/2008	12/31/2010	N	Y	N	39,212	39,212	388,960		Y		N
103	Capital	20267	30685775	75	Pipeline Reliability	Dfm 0403 01 Mp 2.88 Remove Valve dresser	Close Out	N	12/29/2008	8/30/2010	N	Y	Y	1,015	1,015	558,705		N		N
104	Capital	20471	30698454	75	Pipeline Reliability	L 172 Erosion Repair Mp S 28.18 & 30.13	Close Out	N	3/10/2009	11/30/2010	N	Y	N	2,280	2,280	444,365		N		N
105	Capital	20530	30744841	75	Pipeline Reliability	Dfm 3017 Replace Danville #2 Dr Fv V 88	Close Out	N	2/1/2009	9/30/2010	N	Y	N	18,364	18,364	313,968		N		N
106	Capital	20763	30717922	75	Pipeline Reliability	L 57a M12.86 Relocate 100 Ft Of 18 in	Engineering / Permitting	N	5/7/2009	10/31/2011	N	Y	N	21,042	21,042	54,710		Y		N
107	Capital	20914	30727639	75	Pipeline Reliability	Nsachpholder Repl Operators V 93 137 167	Close Out	N	6/15/2009	10/30/2010	N	Y	Y	227	227	410,356		Y		N
108	Capital	21199	30754673	75	Pipeline Reliability	L131 Mp 32.38 Reconfigure Blowoff Valves	Engineering / Permitting	N	1/1/2010	10/15/2011	N	Y	N	41,388	41,388	103,075		N		N
109	Capital	21655	30827767	75	Pipeline Reliability	Dfm 7211 01 Rb57 Repl V2,3&6 Add Monitor	Engineering / Permitting	Y	12/2/2009	6/30/2012	N	Y	N	137,797	137,797	137,797		Y		N
110	Capital	21671	30748648	75	Pipeline Reliability	L 108 Mp 62.82 Leak Repair Inst Mlv	Close Out	N	12/9/2009	8/15/2010	N	Y	N	9,230	9,230	305,901	2008, 2009	Y		N
111	Capital	21730	30751536	75	Pipeline Reliability	Santa Rosa Comp Sta Abandon V a & B	Close Out	N	1/1/2010	12/20/2010	N	Y	N	1,773	1,773	226,907		Y		N
112	Capital	21778	30759869	75	Pipeline Reliability	L 50b Paradise Primary Replacement	Construction	N	1/13/2010	11/29/2011	N	Y	N	39,172	39,172	43,788		N		N
113	Capital	21910	30761277	75	Pipeline Reliability	0403 01 Mp 3.01 Cap Tennese Vallejo Leak	Construction	N	1/1/2010	5/30/2011	N	Y	N	447,178	447,178	494,182		N		N
114	Capital	21935	30763813	75	Pipeline Reliability	Cng Bottle Trailer Deployment	Construction	N	3/9/2010	12/15/2012	N	Y	N	205,990	205,990	328,467		N		N
115	Capital	22023	30768502	75	Pipeline Reliability	0408 01 MP 2.48 NAPA RIVERBANK LEAK	Close Out	N	4/1/2010	10/30/2010	N	Y	N	13,161	13,161	762,175		N		N
116	Capital	22191	30777996	75	Pipeline Reliability	=407 01 Mp 12.23 Leak Rep Cap Yountville	Construction	N	12/1/2009	2/15/2011	N	Y	N	141,868	141,868	402,584		N		N
117	Capital	22367	30815786	75	Pipeline Reliability	L300b Mp 500.46 Install Ercon Mat	Estimation	N	9/7/2010	10/15/2011	N	Y	N	28,368	28,368	30,674		Y		N
118	Capital	22423	P.03556	75	Pipeline Reliability	Overall CP Interference program	Engineering / Permitting	N	9/20/2010	12/30/2013	N	Y	N	73,415	73,415	270,474		N		N
119	Capital	22435	P.03559	75	Pipeline Reliability	LTIMP Capital overall scope	Engineering / Permitting	Y	9/22/2010	12/30/2014	N	Y	N	5,599	5,599	5,599		N		N
120	Capital	22736	30827766	75	Pipeline Reliability	L 134 Repl Mlv 7.34, V6 & 7 Kerman Gtls	Construction	Y	10/22/2010	7/15/2011	N	Y	N	159,645	159,645	159,645		N		N
121	Capital	22756	30815784	75	Pipeline Reliability	1816 15 Mp1.61 Install Cp Mitigations	Engineering / Permitting	N	10/29/2010	10/31/2011	N	Y	N	52,650	52,650	53,904		N		N
122	Capital	22908	30824184	75	Pipeline Reliability	L138 Mp 38.43 38.58 rplc 16 inch Tp	Estimation	N	12/5/2010	9/1/2012	N	Y	N	2,243	2,243	2,438	2007, 2008, 2009	Y		N
123	Capital	22956	30823852	75	Pipeline Reliability	0401 01 LOMITA AND ASHFORD LEAK MP 7.9	Construction	N	12/15/2010	4/27/2011	N	Y	N	334,202	334,202	336,341		N		N
124	Capital	24305	30848084	75	Pipeline Reliability	ANNUBAR FLOW METER 3" VALVE REPLACEMENT	Close Out	N	4/21/2011	6/30/2011	Y	Y	N	557,872	557,872	557,872		N		N
125	Capital	15150	30603532	75	Pipeline Reliability	Dfm 0407 01, Mp 1.15 1.83, Replace	Close Out	N	3/31/2004	1/15/2010	N	Y	N	946	946	2,384,758	2009	Y	2008, 2011	N
126	Capital	16543	30603810	75	Pipeline Reliability	L300b Mp281.90,ccc 8000 Ft,34 in Nord	Close Out	N	9/1/2008	6/30/2010	N	Y	Y	5,251	5,251	4,642,211		Y	2008, 2011	N
127	Capital	18035	30604187	75	Pipeline Reliability	L132 Replace Mp .93 1.87	Estimation	N	1/10/2010	12/15/2012	N	Y	N	206,757	206,757	217,027		Y		N
128	Capital	18036	30604188	75	Pipeline Reliability	L132 South Sf Mp 42.13 43.55 Replace	Estimation	N	1/1/2008	11/15/2012	N	Y	N	373,513	373,513	407,954	2007	Y	2008, 2011	N
129	Capital	18200	30604213	75	Pipeline Reliability	L131 Mp 17.5 Repl 2000 F*t Class Change	Close Out	N	11/30/2006	11/6/2010	N	Y	N	20,644	20,644	3,938,186		Y	2011	N
130	Capital	18276	30604242	75	Pipeline Reliability	Orland Dfm At Stoney Creek	Close Out	N	1/10/2007	9/21/2008	N	Y	N	1,253	1,253	1,327,084		N		N
131	Capital	19344	30628834	75	Pipeline Reliability	L107 M26.01 26.61 Replace 3150 Ft 36in	Estimation	N	3/1/2010	10/30/2012	N	Y	N	170,925	170,925	272,240	2007, 2008	Y	2011	N
132	Capital	19555	30646111	75	Pipeline Reliability	L 300a, Mp 245.50 To 247.18, Ccc	Close Out	N	9/1/2008	9/30/2010	N	Y	Y	30,555	30,555	6,792,992		Y	2011	N
133	Capital	15283	30603801	75	Pipeline Reliability	San Pablo Sta Install L105b Ultrsnc Metr	Close Out	N	1/1/2008	5/15/2011	N	Y	N	25,109	25,109	2,081,510		Y	2011	N
134	Capital	19855	30677653	75	Pipeline Reliability	L108 Im Mp61.66 Mp63.50 Inst 8600' 24"	Construction	N	10/15/2008	10/31/2011	N	Y	N	1,668,268	1,668,268	1,939,352	2007, 2008, 2009	Y	2011	N
135	Capital	19371	30677708	75	Pipeline Reliability	L107 M13.08 15.70: 13835 Ft 24in Top100	Engineering / Permitting	N	1/1/2010	10/31/2013	N	Y	N	12,058	12,058	72,844		N	2011	N
136	Capital	19376	30631141	75	Pipeline Reliability	L 123 Mp 2.3 1600 Hdd Under Dry Creek	Close Out	N	5/13/2008	8/1/2010	N	Y	N	434	434	1,936,485		Y	2011	N
137	Capital	20580	30712214	75	Pipeline Reliability	L107,install Regulation,livermore Juncti	Construction	N	4/15/2009	5/30/2011	N	Y	N	263,533	263,533	498,833		N	2011	N
138	Capital	20799	30712772	75	Pipeline Reliability	L108 Im Mp63.5 mp66.0 Replace 13200 24"	Engineering / Permitting	N	5/13/2009	10/1/2016	N	Y	N	14,097	14,097	23,251	2007	N		N
139	Capital	9344	30603495	75	Pipeline Reliability	Design & Fab. L 2 Canal Xing Supports	Engineering / Permitting	N	7/1/2002	8/1/2013	N	Y	N	3,271	3,271	78,816		N	2011	N
140	Capital	20425	30716295	75	Pipeline Reliability	L 105b Fault Crossing Mp 10.34 11.64	Engineering / Permitting	N	3/1/2009	11/30/2012	N	Y	N	49,381	49,381	78,333		Y	2011	N
141	Capital	19346	30628831	75	Pipeline Reliability	L131 Mp42.35 Replace 1350 Ft 24in Top100	Close Out	N	7/1/2008	10/13/2010	N	Y	Y	18,383	18,383	1,766,147	2007, 2008, 2009	Y		N
142	Capital	20883	30731702	75	Pipeline Reliability	2408 05 Replace 6 in Valve D 19	Construction	N	5/28/2009	8/30/2011	N	Y	N	78,291	78,291	284,722		Y		N
143	Capital	22787	30814411	75	Pipeline Reliability	L401 Mp 326.16 Rplc 1015 Ft 36 in Class	Construction	N	11/2/2010	6/15/2011	N	Y	N	1,555,983	1,555,983	1,936,451		Y		N
144	Capital	20556	30704063	75	Pipeline Reliability	L187 Mp 62 8" Pipe Replacement	Close Out	N	4/7/2009	7/30/2009	N	N	N	0	0	2,700	2009	N		N
145	Capital	22330	30796277	75	Pipeline Reliability	L 108 Mp 63.5 Inst 24" Mlv	Engineering / Permitting	N	8/12/2010	10/31/2011	N	Y	N	60,460	60,460	72,990	2007	N		N
146	Capital	22959	30823049	75	Pipeline Reliability	SALT CREEK CROSSING AND MLV ACCESS	Engineering / Permitting	Y	12/14/2010	9/15/2011	N	Y	N	29,004	29,004	29,004		N		N
147	Capital	16602	30603846	75	Pipeline Reliability	Line 109 Exposed, San Francisquito Crk	Engineering / Permitting	N	3/14/2005	9/30/2012	N	Y	N	5,676	5,676	74,205		Y		N
148	Capital	19903	30676555	75	Pipeline Reliability	L 105n Mp 22.86 Install Enrico Station	Engineering / Permitting	N	1/1/2010	10/31/2011	N	Y	N	464,600	464,600	491,105		Y		N
149	Capital	22940	30823822	75	Pipeline Reliability	L 150 Im Mp 13.7 18.09 Deactivate Main	Estimation	N	1/1/2011	9/30/2011	Y	Y	N	20,131	20,131	20,228	2007, 2008	Y		N
150	Capital	21809	30814410	75	Pipeline Reliability	L401 Mp 323.53 Install Mlv Class Change	Estimation	N	11/1/2010	10/30/2011	N	Y	N	20,507	20,507	20,605		N		N
151	Capital	24575	30857344	75	Pipeline Reliability	INSTALL OPP AT EL PASO INTERCONNECT	Estimation	N	6/1/2011	6/30/2012	Y	Y	N	1,502	1,502	1,502		N		N
152	Capital	18588	30604318	75	Pipeline Reliability	Vacadixon Prim Dr, Relocate Station	Close Out	N	5/16/2007	4/15/2009	N	Y	N	251	251	342,550		N		N

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT CAPITAL

GT&S Capital

Line #	Capital	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period (Y/N)	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June 30	Total amount spent since project inception to June 30	Top 100 Report (Report Year or Blank)	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
153	Capital	19105	30609906	75	Pipeline Reliability	Pine St Reg Sta,dfm 0407 01,repl Filter ¯	Engineering / Permitting	N	1/28/2008	8/30/2012	N	Y	N	10,187	10,187	97,818		Y		N
154	Capital	19890	30707938	75	Pipeline Reliability	Fairway Crossover Replace Regulators	Close Out	N	11/1/2008	5/13/2010	N	Y	Y	11,084	11,084	765,354		Y		N
155	Capital	20773	30723499	75	Pipeline Reliability	Replace V7 Tully Station	Close Out	N	6/1/2009	5/30/2010	N	Y	N	4,549	4,549	396,559		Y		N
156	Capital	20888	30723236	75	Pipeline Reliability	0410 01 Hwy 80 & Coach Station Rebuild	Estimation	N	6/1/2009	8/31/2011	N	Y	N	23,113	23,113	41,394		N		N
157	Capital	21197	30741950	75	Pipeline Reliability	Replace Cracked Pilots Rob Roy Stn	Close Out	N	9/29/2009	9/30/2010	N	Y	N	8,208	8,208	368,517		Y		N
158	Capital	21175	30763087	75	Pipeline Reliability	Martin Stn Replace Control Valve	Engineering / Permitting	N	9/12/2009	11/30/2013	N	Y	N	10,583	10,583	49,776		Y		N
159	Capital	15900	30603599	75	Pipeline Reliability	Bakersfield Tap	Construction	N	8/1/2005	9/15/2011	N	Y	N	95,892	95,892	1,555,059		N		N
160	Capital	15255	30603750	76	Station Reliability	Topock Replace Cooling Tower A & B Fill	Close Out	N	1/1/2010	12/10/2010	N	Y	N	308	308	426,830		N		N
161	Capital	16728	30603868	76	Station Reliability	Topock ¯Replace Aquatower Inlet Air Cle	Close Out	N	3/1/2009	10/30/2011	N	Y	N	762	762	208,488		N		N
162	Capital	17629	30604041	76	Station Reliability	Kettleman Rep Solar Unit Disp Screen/cpu	Close Out	N	4/1/2008	11/30/2009	N	Y	N	1,337	1,337	146,606		N		N
163	Capital	18738	30604369	76	Station Reliability	Kern River Station Upgrades	Close Out	N	7/1/2007	11/5/2010	N	Y	Y	9,909	9,909	624,212		N		N
164	Capital	19244	30633192	76	Station Reliability	Hinkley Cs K11&k12 Install Unit Flow Mtr	Estimation	N	1/1/2009	4/30/2012	N	Y	N	1,533	1,533	36,944		N		N
165	Capital	19560	30667377	76	Station Reliability	Kett. Install New Unit Fuel Gas Line	Close Out	N	9/1/2008	9/30/2009	N	Y	N	654	654	54,123		N		N
166	Capital	19601	30655575	76	Station Reliability	2a & 2b Pls ¯actuator Replacement	Estimation	N	9/1/2008	4/4/2012	N	Y	N	43,103	43,103	51,054		N		N
167	Capital	19602	30655576	76	Station Reliability	3a & 3b Pls Actuator Replacement	Engineering / Permitting	N	8/14/2008	8/12/2011	N	Y	N	79,039	79,039	667,355		N		N
168	Capital	19753	30660992	76	Station Reliability	TRONA TAP V ¯180.11B LEDEEN ACTUAT REPL	Estimation	N	9/15/2008	12/31/2012	N	Y	N	71	71	1,738		N		N
169	Capital	19754	30661322	76	Station Reliability	L 300 MLV 378.65A LEDEEN ACTUATOR REPL	Estimation	N	9/15/2008	12/31/2012	N	Y	N	179	179	4,449		N		N
170	Capital	19927	30676544	76	Station Reliability	Pls 3, Replace Insertion Turbine Meters	Engineering / Permitting	Y	1/1/2011	6/30/2011	Y	Y	N	225,078	225,078	225,078		N		N
171	Capital	20533	30715122	76	Station Reliability	Pls6 Replace Valve 3	Close Out	N	5/1/2009	11/26/2010	N	Y	N	5,952	5,952	430,395		N		N
172	Capital	20590	30723605	76	Station Reliability	Topock P3 ¯Complete Unit Overhaul	Close Out	N	1/1/2009	4/23/2010	N	Y	N	7,855	7,855	519,635		N		N
173	Capital	20615	30808990	76	Station Reliability	Kettl Replace Smoke/fire Detection	Construction	N	2/1/2010	1/28/2011	N	Y	N	36,053	36,053	71,670		N		N
174	Capital	20629	30762341	76	Station Reliability	Hinkley Replace Cooling Tower A & B Fill	Close Out	N	1/1/2010	9/21/2010	N	Y	Y	418	418	403,374		N		N
175	Capital	20630	30762349	76	Station Reliability	Topock P1 Overhaul	Close Out	N	1/1/2010	12/23/2010	N	Y	Y	9,860	9,860	581,173		N		N
176	Capital	20634	30726195	76	Station Reliability	Hinkley Pulsation ¯Study & Implement	Engineering / Permitting	N	1/1/2010	12/15/2011	N	Y	N	50,003	50,003	64,948		N		N
177	Capital	20660	30603632	76	Station Reliability	Hinkley Additional Lighting Comp Bldg	Construction	N	1/1/2010	7/15/2011	N	Y	N	321,751	321,751	475,393		N		N
178	Capital	22592	30835749	76	Station Reliability	MORRO BAY PRIMARY ACTUATOR REPL.	Estimation	Y	1/1/2011	12/1/2012	Y	Y	N	952	952	952		Y		N
179	Capital	13101	30603755	76	Station Reliability	Topock, Evaporation Ponds, New Liner Ins	Close Out	N	3/1/2009	11/30/2009	N	Y	N	5,916	5,916	772,218		N	2008, 2011	N
180	Capital	13079	P.01772	76	Station Reliability	Systemwide SCADA RTU Replacement	Close Out	N	1/1/2003	10/22/2009	N	Y	N	11,814	11,814	10,362,235		N	2004, 2005, 2008, 2011	N
181	Capital	17274	30603946	76	Station Reliability	Topock Water Supply Project	Estimation	N	1/15/2006	12/30/2012	N	Y	N	18,388	18,388	403,144		Y	2008	N
182	Capital	18075	30604200	76	Station Reliability	Hinkley Pond #4 New Liner Installation	Estimation	N	8/1/2010	10/25/2011	N	Y	N	107,770	107,770	123,716		N	2008, 2011	N
183	Capital	19262	30625055	76	Station Reliability	HINKLEY SECURITY SYSTEM INSTALLATION	Estimation	N	6/1/2008	7/12/2012	N	Y	N	53,381	53,381	62,104		N		N
184	Capital	16781	30603871	76	Station Reliability	Topock, Aquatower Piping, Replacement	Close Out	N	11/1/2008	12/1/2010	N	Y	N	941	941	22,676		N	2011	N
185	Capital	15899	30603680	76	Station Reliability	L 300 Helm Tap Station ¨upgrade	Construction	N	1/1/2005	7/22/2011	N	Y	N	78,576	78,576	425,317		N		N
186	Capital	19169	30615964	76	Station Reliability	Topock Odorant Tanks, Replacement	Close Out	N	3/15/2008	6/30/2010	N	Y	Y	10,094	10,094	1,587,175		Y	2011	N
187	Capital	20589	30710504	76	Station Reliability	Topock, Unit K6, Rebuild	Close Out	N	4/1/2009	1/31/2010	N	Y	N	31,557	31,557	2,088,145		N	2011	N
188	Capital	19427	30632546	76	Station Reliability	Hinkley Cs Cooling Tower "d" Repl	Close Out	N	11/1/2008	2/28/2011	N	Y	N	309,924	309,924	1,983,318		N	2011	N
189	Capital	20610	30712855	76	Station Reliability	Kettleman K1 Turbine Exchange	Close Out	N	3/1/2010	10/1/2010	N	Y	N	14,348	14,348	1,012,135		N	2011	N
190	Capital	20614	30712857	76	Station Reliability	Kettleman K3 Turbine Exchange	Close Out	N	5/1/2010	12/30/2010	N	Y	N	17,374	17,374	1,075,206		N	2011	N
191	Capital	15337	30603991	76	Station Reliability	Hinkley Cs, K ¨unit Bldg, Fall Restraint	Close Out	N	1/15/2008	12/4/2009	N	Y	N	1,194	1,194	194,218		N		N
192	Capital	17703	30604006	76	Station Reliability	Hinkley Cs, Raw Water Sys, Replacement	Close Out	N	1/1/2008	11/18/2010	N	Y	Y	46,685	46,685	661,406		N		N
193	Capital	19428	30632595	76	Station Reliability	Hinkley Cs Wtr Well#6 Trnste Pipe Repl	Close Out	N	1/1/2009	12/31/2010	N	Y	N	3,041	3,041	260,622		N		N
194	Capital	18780	30648961	76	Station Reliability	Topock L 300 Crossing Security Install	Construction	N	1/1/2010	3/30/2011	N	Y	N	263,556	263,556	619,652		Y		N
195	Capital	19261	30625058	76	Station Reliability	TOPOCK SECURITY SYSTEM INSTALLATION	Estimation	N	1/1/2008	12/31/2013	N	Y	N	2,251	2,251	2,472		N		N
196	Capital	13371	30603701	76	Station Reliability	Topock Comp Sta Replace Wooden Pits	Close Out	N	1/1/2007	3/30/2010	N	Y	N	17	17	917,507		N		N
197	Capital	14177	30603754	76	Station Reliability	1a & 1b Pls ¨actuator Replacement	Construction	N	1/1/2008	10/28/2011	N	Y	N	167,250	167,250	223,697		N		N
198	Capital	22087	30804745	76	Station Reliability	Hinkley ¯Air Compressors & Dryers Repl.	Engineering / Permitting	N	9/1/2010	10/30/2011	N	Y	N	78,354	78,354	78,472		N		N
199	Capital	21599	30804749	76	Station Reliability	Topock Pond #4 Liner Replacement	Engineering / Permitting	Y	1/1/2011	11/30/2011	Y	Y	N	100,794	100,794	100,794		N		N
200	Capital	22092	30804863	76	Station Reliability	HINKLEY ¯INSTALL JW SURGE TANKS & PUMPS	Estimation	N	1/1/2011	12/15/2013	Y	Y	N	5	5	123		N		N
201	Capital	22090	30804746	76	Station Reliability	Hinkley K11 & K12 Rep Valves & Actuators	Estimation	N	9/1/2010	8/30/2012	N	Y	N	24,409	24,409	24,586		N		N
202	Capital	22106	30804877	76	Station Reliability	L300 Mojave Separators ¯Install Bypass	Estimation	N	9/1/2010	12/31/2013	N	Y	N	8	8	185		N		N
203	Capital	22598	7076525	76	Station Reliability	Gill Ranch Projects ¯2011	Construction	N	1/1/2011	12/31/2015	Y	Y	N	558,698	558,698	558,796		N		N
204	Capital	22140	30838001	76	Station Reliability	Kettleman Replace Air Compressor	Engineering / Permitting	N	3/1/2011	12/1/2011	Y	Y	N	11,456	11,456	11,456		N		N
205	Capital	20644	30726197	76	Station Reliability	Bently Nevada Replacement	Estimation	N	8/1/2010	12/1/2013	N	Y	N	364	364	5,439		N		N
206	Capital	23208	30835406	76	Station Reliability	BETHANY SECURITY UPGRADE	Estimation	N	2/2/2011	10/7/2011	Y	Y	N	25,714	25,714	25,714		N		N
207	Capital	19491	P.02871	76	Station Reliability	Delevan K 1 and K 2 Gas Turbine Replacement	Construction	N	11/1/2006	4/15/2011	N	Y	N	4,799,730	4,799,730	76,173,038		N	2008, 2011	N
208	Capital	13293	30603769	76	Station Reliability	Delevan Cs, Upgrade Station Controls	Close Out	N	9/1/2005	4/15/2011	N	Y	N	389,766	389,766	3,031,217		N	2004, 2005, 2011	N
209	Capital	17469	30603985	76	Station Reliability	SALVAGE GERBER COMP STA CO ¨GEN	Close Out	N	6/15/2007	6/30/2008	N	Y	N	1,000	1,000	657,647		N	2008	N
210	Capital	15206	30603776	76	Station Reliability	Delevan K3, Upgrade Unit Plc	Close Out	N	1/1/2008	4/3/2009	N	Y	N	1,763	1,763	3,084,634		N	2008, 2011	N
211	Capital	19575	30662486	76	Station Reliability	Bethany Reverse Compression Installation	Close Out	N	8/1/2008	11/30/2009	N	Y	Y	64,721	64,721	4,350,161		N	2011	N
212	Capital	15606	30603756	76	Station Reliability	Replace Obsolete 480 Vac Elect. Buckets	Close Out	N	1/1/2006	11/30/2010	N	Y	Y	9,711	9,711	1,282,436		N		N
213	Capital	20616	30713887	76	Station Reliability	Bethany Unit Vfd Replacement	Estimation	N	5/1/2009	12/1/2014	N	Y	N	8,669	8,669	8,771		N	2011	N
214	Capital	17627	30605164	76	Station Reliability	Bethany Station Plc Replacement	Close Out	N	1/1/2008	11/14/2008	N	Y	Y	225	225	387,904		N		N
215	Capital	17736	30738940	76	Station Reliability	Install Gas Chromatograph ¯Burney	Construction	N	1/1/2010	6/10/2011	N	Y	N	680,767	680,767	1,129,262		N		N
216	Capital	22102	30804866	76	Station Reliability	CREED ¯CONTROLS & METERING UPGRADE	Engineering / Permitting	N	9/1/2010	7/31/2012	N	Y	N	62,420	62,420	62,538		N		N
217	Capital	24441	30851961	76	Station Reliability	GERBER K 1 GG EMERGENCY OVERHAUL	Close Out	N	5/16/2011	12/31/2011	Y	Y	N	2,852	2,852	2,852		N		N
218	Capital	19394	30632599	76	Station Reliability	Wss Replace Platform Lights	Construction	N	1/1/2010	4/15/2011	N	Y	N	80,200	80,200	354,608		N		N
219	Capital	21640	30767755	76	Station Reliability	Mcd Is. Replace Dehy Fuel Gas Racks	Close Out	N	1/1/2010	2/28/2011	N	Y	N	76,459	76,459	510,237		N		N
220	Capital	21881	30764669	76	Station Reliability	Los Medanos Security Improvements	Construction	N	3/1/2010	8/31/2011	N	Y	N	93,113	93,113	245,857		N		N
221	Capital	24562	30855184	76	Station Reliability	LOS MEDANOS PHYSICAL SECURITY	Estimation	N	6/6/2011	2/25/2012	Y	Y	N	155	155	155		N		N
222	Capital	17654	30604055	76	Station Reliability	Mcd Island Tcs Repl Dhsv Well Tc 3n	Close Out	N	1/1/2010	12/31/2010	N	Y	Y	74,043	74,043	488,105		N	2008, 2011	N
223	Capital	17647	30604056	76	Station Reliability	Los Medanos Pad Repl Dhsv Well 9c +	Construction	Y	1/1/2011	10/31/2011	Y	Y	N	1,078,219	1,078,219	1,078,219		N	2011	N
224	Capital	17656	30604057	76	Station Reliability	Mcd Island Wss Repl Dhsv Well Ws 7w	Close Out	Y	1/1/2011	10/31/2011	Y	Y	N	909,756	909,756	909,756		N	2011	N
225	Capital	17649	30604060	76	Station Reliability	Los Medanos Rework Well #1 (2013)	Estimation	N	1/1/2013	10/31/2013	N	Y	N	6	6	155		N	2011	N
226	Capital	17680	30604066	76	Station Reliability	Mcd Island Tcs Repl Dhsv Well Tc 10s	Close Out	N	1/1/2010	12/31/2010	N	Y	Y	52,840	52,840	1,025,557		N	2008, 2011	N
227	Capital	17681	30604067	76	Station Reliability	Mcd Island Wss Repl Dhsv Well Ws 8w	Construction	Y	1/1/2011	10/31/2011	Y	Y	N	848,244	848,244	848,244		N	2011	N
228	Capital	17686	30604072	76	Station Reliability	Mcd Island Tcs Repl Dhsv Well Tc 16n	Close Out	N	1/1/2010	12/31/2010	N	Y	Y	83,386	83,386	1,021,644		N	2008, 2011	N

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT CAPITAL

GT&S Capital

Line #	Capital	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period (Y/N)	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June 30	Total amount spent since project inception to June 30	Top 100 Report (Report Year or Blank)	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
229	Capital	17687	30604073	76	Station Reliability	Mcd Island Repl Dhsv Well Ws 15w	Construction	Y	1/1/2011	10/31/2011	Y	Y	N	743,666	743,666	743,666		N	2011	N
230	Capital	17706	30604078	76	Station Reliability	Mcd Island Tcs Repl Dhsv Well Tc 6s	Close Out	N	1/1/2010	12/31/2010	N	Y	Y	39,346	39,346	1,045,938		N	2008, 2011	N
231	Capital	17707	30604079	76	Station Reliability	Mcd Island Wss Repl Dhsv Well Ws 11e	Construction	Y	1/1/2011	10/31/2011	Y	Y	N	335,564	335,564	335,564		N	2011	N
232	Capital	17646	30604081	76	Station Reliability	Los Medanos, Inst Casing & Repl Dhsv 8c	Close Out	N	1/1/2010	10/31/2010	N	Y	N	1,214	1,214	805,247		N	2008, 2011	N
233	Capital	17719	30604093	76	Station Reliability	Mcd Island Tcs Repl Dhsv Well Tc 3s	Close Out	N	1/1/2010	12/31/2010	N	Y	Y	12,577	12,577	1,313,489		N	2008, 2011	N
234	Capital	17720	30604094	76	Station Reliability	Mcd Island Wss Repl Dhsv Well Ws 18w	Construction	Y	1/1/2011	10/31/2011	Y	Y	N	572,968	572,968	572,968		N	2011	N
235	Capital	18613	30604328	76	Station Reliability	Pcs Gas Compr K 8 Replacement	Close Out	N	1/1/2008	12/1/2010	N	Y	N	153,938	153,938	4,835,142		N	2011	N
236	Capital	20004	P.02975	76	Station Reliability	LM Gas Dehy System Replacement	Close Out	N	5/15/2006	12/31/2010	N	Y	N	870	870	16,914,587		N		N
237	Capital	19715	30676406	76	Station Reliability	Mcdi Vlv Lot Replace Flow Computer/chrom	Construction	N	1/1/2010	11/5/2010	N	Y	N	20,358	20,358	249,370		N	2011	N
238	Capital	20283	30708217	76	Station Reliability	Los Medanos Filter Separators Install	Close Out	N	4/1/2009	6/30/2011	N	Y	N	322,832	322,832	3,268,025		N	2011	N
239	Capital	20282	30708425	76	Station Reliability	Mcdi Wss & Tcs Filter Separators Install	Close Out	N	3/1/2009	3/31/2011	N	Y	N	768,652	768,652	8,155,680		N	2011	N
240	Capital	20694	30712875	76	Station Reliability	Mcd Is Wss Rebuild	Engineering / Permitting	N	9/10/2010	12/20/2013	N	Y	N	232,760	232,760	253,627		N	2011	N
241	Capital	21063	30726310	76	Station Reliability	Los Medanos Facility Automation	Close Out	N	8/10/2009	3/31/2012	N	Y	N	528,205	528,205	2,983,187		N		N
242	Capital	21013	30732811	76	Station Reliability	Los Medanos Pad C Erosion Phase 2	Close Out	N	7/15/2009	10/15/2010	N	Y	N	28,610	28,610	316,547		N		N
243	Capital	20496	30726193	76	Station Reliability	Pleasant Creek Rework Well 3 4 (2010)	Close Out	N	1/1/2010	10/31/2010	N	Y	Y	61,368	61,368	1,478,259		N		N
244	Capital	22128	30787955	76	Station Reliability	Mcd Is Mcs Upgrade K1/k2 Motor Control	Construction	N	5/12/2010	3/30/2012	N	Y	N	25,000	25,000	26,134		N		N
245	Capital	22784	30834005	76	Station Reliability	Pleasant Creek Re work Well 3 2(2011)	Construction	Y	1/1/2011	2/28/2012	Y	Y	N	249,258	249,258	249,258		N		N
246	Capital	22785	30834007	76	Station Reliability	Pleasant Creek Re work Well 3 3 (2011)	Construction	Y	1/1/2011	11/1/2011	Y	Y	N	264,839	264,839	264,839		N		N
247	Capital	22129	30835748	76	Station Reliability	MCD IS WSS REPLACE C11/12 BLOCK VALVES	Engineering / Permitting	Y	5/12/2010	11/30/2011	N	Y	N	7,925	7,925	7,925		N		N
248	Capital	20703	30727388	76	Station Reliability	Lms Mcc Replacement	Engineering / Permitting	N	3/1/2010	8/10/2011	N	Y	N	133,264	133,264	194,487		N		N
249	Capital	20882	30716289	76	Station Reliability	Pleasant Creek Drill A New Storage Well	Estimation	N	6/1/2011	10/31/2012	Y	Y	N	3,496	3,496	3,496		N		N
250	Capital	16689	30603861	76	Station Reliability	Panoche Repl. Trimmer Valves	Estimation	Y	1/1/2011	11/30/2012	Y	Y	N	2,821	2,821	2,821		N		N
251	Capital	20612	30750538	76	Station Reliability	Hermann Controller Replacement	Engineering / Permitting	N	12/1/2009	6/3/2011	N	Y	N	326,310	326,310	488,483		Y		N
252	Capital	20666	30726192	76	Station Reliability	Brentwd Routing Valve Actuator Replaceme	Estimation	Y	11/1/2010	12/1/2013	N	Y	N	2,572	2,572	2,572		N		N
253	Capital	18547	30604304	76	Station Reliability	Milpitas Filter Separators Installation	Close Out	N	7/1/2007	12/31/2009	N	Y	N	5,677	5,677	4,955,340		N	2011	N
254	Capital	19241	30677907	76	Station Reliability	System wide Scandata Replacement	Engineering / Permitting	N	12/1/2008	11/15/2011	N	Y	N	158,693	158,693	486,498		N		N
255	Capital	20714	30750581	76	Station Reliability	Hershey Jct. replace Actuators V 4 5 7 8	Estimation	N	12/1/2009	5/16/2012	N	Y	N	40,253	40,253	51,690		N		N
256	Capital	19429	30677906	76	Station Reliability	System wide Datel Replacement	Engineering / Permitting	Y	12/1/2008	12/30/2011	N	Y	N	3,142	3,142	3,142		N		N
257	Capital	15942	P.01803	84	Gas Gathering	Program GG Connections and Capital WRO	Engineering / Permitting	N	12/13/2004	12/31/2015	N	Y	N	27,705	27,705	380,141		N		N
258	Capital	15041	30603588	84	Gas Gathering	Abandon L 114 Dehydrator	Engineering / Permitting	N	8/1/2010	8/28/2011	N	Y	N	112,707	112,707	259,619		N		N
259	Capital	19850	P.02937	84	Gas Gathering	Serpa Remove Compressor Fac	Close Out	N	2/26/2006	5/1/2009	N	Y	N	66,043	66,043	3,152,112		N	2008, 2011	N
260	Capital	20707	30709311	84	Gas Gathering	L302 REPLACE POUNSTONE DRIP	Close Out	N	4/22/2009	9/1/2009	N	Y	Y	251	251	686,844		N		N
261	Capital	20904	30765962	84	Gas Gathering	L302 Replace 2500 Near Poundstone Sta.	Engineering / Permitting	N	9/1/2009	1/31/2012	N	Y	N	38,325	38,325	43,339		N		N
262	Capital	22928	30822663	84	Gas Gathering	Retire L 114 San Joaquin River Crossing	Engineering / Permitting	N	12/7/2010	8/30/2012	N	Y	N	6,994	6,994	11,579		N		N
263	Capital	15940	P.01802	84	Gas Gathering	Program Gas Gathering Divestitures	Construction	N	11/13/2004	12/31/2015	N	Y	N	404,477	404,477	7,419,981		N	2011	N
264	Capital	14904	30603587	84	Gas Gathering	Brannan Island Cs, Decommission	Close Out	N	3/1/2007	2/28/2008	N	Y	N	482	482	1,094,146		N		N
265	Capital	17508	30603990	84	Gas Gathering	Gas Gathering All remote Data Collection	Close Out	N	10/1/2006	5/30/2012	N	Y	N	50,687	50,687	1,582,850		N		N
266	Capital	18584	30604314	98	Capital Integrity Mgmt	L 167 Downrate Capital	Close Out	N	5/16/2007	11/1/2008	N	Y	N	111	111	258,431		N		N
267	Capital	14400	P.02030	98	Capital Integrity Mgmt	L 105B MP 0.00 11.81 ILI Int Mgmt Plan	Close Out	N	12/1/2005	7/1/2007	N	Y	N	2,249	2,249	4,044,540		Y	2005, 2008	N
268	Capital	15715	P.01749	98	Capital Integrity Mgmt	L 153 MP 0.00 17.65 ILI Int Mgmt Plan	Close Out	N	3/23/2004	12/31/2005	N	Y	N	85,872	85,872	8,428,545		Y	2008	N
269	Capital	15395	P.01851	98	Capital Integrity Mgmt	L 2 MP 122.18 158.00 Ill Int Mgmt Plan	Close Out	N	1/15/2005	8/1/2006	N	Y	N	2,434	2,434	4,424,513		Y	2008	N
270	Capital	16962	P.01922	98	Capital Integrity Mgmt	L 21e Mp 64.53 114.89 ILI Int Mgmt Plan	Close Out	N	2/2/2005	11/1/2010	N	Y	N	1,694	1,694	9,426,288		Y	2008	N
271	Capital	15813	P.01923	98	Capital Integrity Mgmt	L 114 MP 9.03 16.59 ILI Int Mgmt Plan	Close Out	N	2/1/2005	10/1/2006	N	Y	N	41,867	41,867	3,626,643		Y	2008	N
272	Capital	17143	30603908	98	Capital Integrity Mgmt	L 100 Mp 138.43 150.13 Ili Upgrade	Close Out	N	9/1/2005	11/19/2009	N	Y	N	1,068	1,068	4,207,494		Y	2008, 2011	N
273	Capital	23206	P.03638	98	Capital Integrity Mgmt	L 105N ILI MP 7.75 to 22.85 Upgrade Proj	Construction	N	9/1/2005	12/10/2011	N	Y	N	2,994,729	2,994,729	4,125,392		Y	2008, 2011	N
274	Capital	17140	30603910	98	Capital Integrity Mgmt	L 108 Mp 14.62 36.96 Ili Upgrade	Construction	N	9/1/2005	9/30/2011	N	Y	N	589,303	589,303	4,344,942		Y	2008, 2011	N
275	Capital	17139	30603911	98	Capital Integrity Mgmt	L 119b Mp 0.00 10.17 Ili Upgrade	Close Out	N	7/1/2006	4/15/2009	N	Y	N	572	572	4,548,270	2009	Y	2008	N
276	Capital	17150	30603914	98	Capital Integrity Mgmt	L 210C MP 19.46 32.11 ILI UPGRADE	Estimation	N	1/1/2011	10/15/2012	Y	N	N	0	0	1		Y	2011	N
277	Capital	17149	30603915	98	Capital Integrity Mgmt	L 300a Mp256.21 299.01 Ili Upgrade	Construction	N	9/1/2005	10/15/2011	N	Y	N	3,203,837	3,203,837	3,458,698	2008, 2009	Y	2008, 2011	N
278	Capital	17151	30603916	98	Capital Integrity Mgmt	L 300b Mp256.64 299.00 Ili Upgrade	Construction	N	5/1/2005	10/15/2011	N	Y	N	3,819,009	3,819,009	4,042,732		Y	2011	N
279	Capital	17145	30603917	98	Capital Integrity Mgmt	L 402 MP 10.14 33.52 ILI UPGRADE	Close Out	N	9/1/2005	10/15/2011	N	N	N	0	0	3	2008	Y	2008, 2011	N
280	Capital	20255	P.02978	98	Capital Integrity Mgmt	L124a MP 0 to 26_27 ILI Upgrade	Construction	N	9/1/2005	10/30/2009	N	Y	N	70,383	70,383	5,814,688		Y	2008, 2011	N
281	Capital	17144	30603919	98	Capital Integrity Mgmt	L 210a Ili Mp1.38 19.47 Pipeline Upgrade	Close Out	N	9/1/2005	5/1/2011	N	Y	N	30,668	30,668	6,592,960	2007, 2008, 2009	Y	2008, 2011	N
282	Capital	17146	30603920	98	Capital Integrity Mgmt	L 57a Mp 9.29 16.68 Ili Upgrade	Construction	N	9/1/2005	9/30/2011	N	Y	N	534,735	534,735	1,510,277		Y	2008, 2011	N
283	Capital	17137	30603922	98	Capital Integrity Mgmt	L 21c/e Mp 35.05 64.36 Ili Upgr	Close Out	N	7/1/2006	3/1/2010	N	Y	N	10,341	10,341	7,644,380		Y	2008	N
284	Capital	17136	30603924	98	Capital Integrity Mgmt	L 401 Ili 82.34 149.19 Pipeline Upgrade	Close Out	N	1/1/2007	10/15/2008	N	Y	N	1,512	1,512	4,071,989		N	2008	N
285	Capital	13623	P.01557	98	Capital Integrity Mgmt	L 142S MP 0.00 9.01 ILI Int Mgmt Plan	Close Out	N	1/1/2002	5/1/2006	N	Y	N	767	767	2,226,486	2007, 2009	Y	2005, 2008	N
286	Capital	16964	P.02085	98	Capital Integrity Mgmt	Long Trm Int Mgmt work for HCA Pipelines	Construction	N	1/1/2004	12/31/2011	N	Y	N	127,207	127,207	4,726,333		Y	2008, 2011	N
287	Capital	17381	7055673	98	Capital Integrity Mgmt	L303 MP0.00 42.86 UPGRADE PIPELINE	Close Out	N	1/15/2006	11/30/2007	N	Y	Y	1,002	1,002	6,975,249		Y		N
288	Capital	19967	P.02962	98	Capital Integrity Mgmt	L 177A ILI Upgrade	Close Out	N	9/28/2007	12/15/2010	N	Y	N	12,463	12,463	7,663,954		N	2011	N
289	Capital	17142	30603913	98	Capital Integrity Mgmt	L 210b Mp 1.37 25.98 Ili Upgrade	Close Out	N	9/1/2005	5/1/2011	N	Y	N	144,487	144,487	4,372,507		Y	2011	N
290	Capital	19837	30712995	98	Capital Integrity Mgmt	L 101 MP 0.00 11.62 ILI UPGRADE	Estimation	Y	1/1/2011	12/31/2012	Y	Y	N	954	954	954		Y	2011	N
291	Capital	21158	30735278	98	Capital Integrity Mgmt	L 108 Mp 62.82 Repl ~800' Of 24"	Close Out	N	1/1/2010	12/10/2010	N	Y	N	15,211	15,211	1,193,496	2008, 2009	Y		N
292	Capital	19824	30677901	98	Capital Integrity Mgmt	L 21e Mp 53.12 114.89 Ili Upgrade	Close Out	N	3/1/2009	2/15/2011	N	Y	N	190,117	190,117	1,952,277		Y		N
293	Capital	17148	30603912	98	Capital Integrity Mgmt	L 1509 05 Mp 0.00 6.49 Ili Upgrade	Construction	N	9/1/2005	11/30/2011	N	Y	N	229,579	229,579	352,770	2007, 2008, 2009	Y		N
294	Capital	22822	30819820	98	Capital Integrity Mgmt	L21e 93.55 114.89 Ili North Upgrade	Engineering / Permitting	N	11/17/2010	11/24/2011	N	Y	N	140,220	140,220	143,528		N		N
295	OBS	19963	9711106	34	Trans Subsid Exp	2009 ECDA Program StanPac	Close Out	N	1/1/2009	12/31/2011	N	Y	N	2,568	2,568	215,866		N		N
296	OBS	24162	9715461	34	Trans Subsid Exp	SP5 TEST 3.87mi MP 0.00 3.87 PH1	Construction	N	3/1/2011	12/31/2015	Y	Y	N	899,674	899,674	899,674		N		N
298	OBS	15814	P.01921	44	Trans Subsid Capital	Sp 3 Mp 167.31 198.10 Ili Int Mgmt Plan	Engineering / Permitting	N	2/1/2005	8/1/2011	N	Y	N	6,672	6,672	6,897,642		Y		N
299	OBS	20550	9713421	44	Trans Subsid Capital	Sp 3 Rplc 200 Rumrill Blvd For Chevron	Engineering / Permitting	N	10/1/2009	10/1/2012	N	N	N	0	0	5,406		Y		N
														51,618,905						

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT EXPENSE

GT&S Expense

Line #	Expense	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June	Total amount spent since project inception	Top 100 Report or High Risk Ranking (Yes/No)?	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Expense	20347	P.03001	BX	Maintenance	Veg Management ROW Clearing ¨Overall	Expense On Going	N	1/15/2009	12/31/2014	N	Y	N	74,711	74,711	537,107		N/A		N
2	Expense	15939	P.01801	BX	Maintenance	Program ¨Gas Gathering Expense WRO	Expense On Going	N	12/13/2004	12/31/2015	N	Y	N	2,753	2,753	603,991		N/A		N
3	Expense	19452	40904042	BX	Maintenance	Lawrence Expwy Dfm Leak Repairs, Sunnyvl	Close Out	N	6/2/2008	9/30/2010	N	Y	N	389	389	297,828		N/A		N
4	Expense	19779	P.03555	BX	Maintenance	L 300 A&b South Row /pl Erosion	Expense On Going	N	10/1/2008	12/31/2010	N	Y	N	10,689	10,689	283,657		N/A		N
5	Expense	20539	8094566	BX	Maintenance	Paint Spans	Estimation	N	1/1/2010	12/31/2015	N	Y	N	7,181	7,181	129,592		N/A		N
6	Expense	20541	8095850	BX	Maintenance	Paint Air to Soil Transitions	Estimation	N	1/1/2010	12/31/2015	N	Y	N	1,664	1,664	149,434		N/A		N
7	Expense	21898	41286596	BX	Maintenance	L21D MP 24.1 LEAK REPAIR	Close Out	N	2/24/2010	12/30/2010	N	N	N	429	429	277,266		N/A		N
8	Expense	18310	40755071	BX	Maintenance	Peak Shaving Program M&o	Expense On Going	N	2/1/2007	12/31/2012	N	Y	N	275,534	275,534	1,326,102		N/A		N
9	Expense	18434	40755080	BX	Maintenance	Niles Dfm Uprate	Engineering / Permitting	Y	1/1/2011	10/31/2011	Y	Y	N	1,257	1,257	1,257		N/A		N
10	Expense	20835	41471917	BX	Maintenance	8807 01 02 Exp Uprate Lawrence Dfm	Engineering / Permitting	Y	3/1/2010	10/31/2012	N	Y	N	9,959	9,959	9,959		N/A		N
11	Expense	7816	40754800	BX	Maintenance	Burney K 2 Gas Generator Lease	Expense On Going	N	1/1/1999	12/31/2015	N	Y	N	53,142	53,142	949,268		N/A		N
12	Expense	9769	40754801	BX	Maintenance	Delevan "k 3" Extended Service Agreement	Expense On Going	N	11/10/2000	11/30/2015	N	Y	N	7,965	7,965	1,599,822		N/A		N
13	Expense	10466	40754803	BX	Maintenance	Kettleman Solar Service Contract	Expense On Going	N	2/15/2002	12/31/2015	N	Y	N	25,106	25,106	499,288		N/A		N
14	Expense	13416	40754805	BX	Maintenance	Gerber K 1 Extended Serv Agreement	Expense On Going	N	4/15/2002	4/30/2015	N	Y	N	8,174	8,174	240,629		N/A		N
15	Expense	17127	40754936	BX	Maintenance	Santa Cruz ¨Compressor Lease	Expense On Going	N	11/1/2005	11/1/2013	N	Y	N	30,207	30,207	142,150		N/A		N
16	Expense	15122	40754866	BX	Maintenance	Mcdi K3/ K4/ K5 K6 Gas Compr Services	Expense On Going	N	1/12/2005	12/31/2015	N	Y	N	612,748	612,748	7,137,368		N/A		N
17	Expense	18884	40757648	BX	Maintenance	Mcdi K7/ K8/ K9 Gas Compression Svs	Expense On Going	N	1/1/2008	12/31/2015	N	Y	N	575,322	575,322	3,262,612		N/A		N
18	Expense	16912	40754921	BX	Maintenance	Los Medanos K1 Annual Maint 2010/2011	Construction	N	6/15/2010	9/15/2011	N	Y	N	292,151	292,151	460,156		N/A		N
19	Expense	15057	40754843	BX	Maintenance	Mcdi K 1/k 2 Annual Maint Proj 2009/2010	Close Out	N	10/1/2008	4/1/2010	N	Y	N	28,349	28,349	579,538		N/A		N
20	Expense	16913	40754916	BX	Maintenance	Mcdi K1/k2 Annual Maintenance 2010/2011	Close Out	N	5/15/2010	3/31/2011	N	Y	N	591,486	591,486	617,659		N/A		N
21	Expense	18018	40755032	BX	Maintenance	Hinkley K3 Power Cylinder Overhaul	Close Out	N	10/1/2008	3/18/2010	N	Y	N	742	742	350,755		N/A		N
22	Expense	19519	40930156	BX	Maintenance	Bethany K1 Inspection/overhaul	Close Out	N	2/2/2011	11/1/2011	Y	N	N	0	0	326		N/A		N
23	Expense	21029	41123340	BX	Maintenance	DELEVAN K 1 TROUBLESHOOTING AND REPAIR	Close Out	N	7/27/2009	8/23/2009	N	Y	Y	1,022	1,022	264,916		N/A		N
24	Expense	16782	2026125	BX	Maintenance	Cgt Gas Measurement	Expense On Going	N	4/20/2005	12/31/2014	N	Y	N	509,081	509,081	3,992,494		N/A		N
25	Expense	22187	41345843	BX	Maintenance	Greenhouse Gas Reporting (ab32 Cfr40)	Engineering / Permitting	N	6/1/2010	12/31/2011	N	Y	N	101,911	101,911	143,603		N/A		N
26	Expense	22231	41345844	BX	Maintenance	Misc Fuel Process ¨Streamline/improve	Engineering / Permitting	N	8/1/2010	12/31/2011	N	Y	N	39,293	39,293	49,688		N/A		N
27	Expense	22714	41459619	BX	Maintenance	Assess Transmission Regulator Stations	Expense On Going	Y	1/1/2011	12/31/2011	Y	Y	N	219,551	219,551	219,551		N/A		N
28	Expense	19395	40899921	BX	Maintenance	Mcd Is, Wss inspect/repair Tower C1	Construction	Y	1/1/2009	5/1/2011	N	Y	N	505,442	505,442	505,442		N/A		N
29	Expense	17670	P.03728	BX	Maintenance	UGS Storage Well Casing Integrity Survey	Construction	Y	1/1/2011	11/30/2011	Y	Y	N	11,226	11,226	11,226		N/A		N
30	Expense	21274	41207403	BX	Maintenance	WHISKY SLOUGH ODORANT INCIDENT 10 2009	Close Out	N	10/16/2009	10/25/2009	N	Y	N	194	194	335,690		N/A		N
31	Expense	22123	41321655	BX	Maintenance	MODESTO INSPECTION GCUST 5995 SR 99 XING	Close Out	N	5/12/2010	12/31/2011	N	N	N	0	0	640		N/A		N
32	Expense	22795	41462635	BX	Maintenance	RECTIFIER REMOTE MONITOR SVC FEE	Expense On Going	Y	11/5/2010	12/31/2015	N	Y	N	100,697	100,697	100,697		N/A		N
33	Expense	23187	41455498	BX	Maintenance	101 LIQUID EVENT SF PENINSULA JAN 28 211	Construction	Y	1/28/2011	12/31/2011	Y	Y	N	547,482	547,482	547,482		N/A		N
34	Expense	23213	41459899	BX	Maintenance	TOPOCK VERIFICATIONS	Construction	N	2/4/2011	6/30/2011	Y	Y	N	1,035,512	1,035,512	1,035,512		N/A		N
35	Expense	23340	8105469	BX	Maintenance	GAS TRANSMISSION PROJECT PRIORITIZATION	Expense On Going	N	3/10/2011	1/31/2012	Y	Y	N	68,187	68,187	68,187		N/A		N
36	Expense	24666	P.03747	BX	Maintenance	TOPOCK ODORANT ¨G TRANS	Close Out	N	5/25/2011	9/30/2011	Y	Y	N	1,596,824	1,596,824	1,596,824		N/A		N
37	Expense	24708	41504684	BX	Maintenance	TRANSMISSION BI MONTHLY RECORDS REVIEWS	Expense On Going	N	6/13/2011	12/31/2013	Y	Y	N	809	809	809		N/A		N
38	Expense		5002469	BX	Maintenance	Burney Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	645,044	645,044	645,044		N/A		N
39	Expense		5002470	BX	Maintenance	Hinkley Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	1,842,501	1,842,501	1,842,501		N/A		N
40	Expense		5002471	BX	Maintenance	Kettleman Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	1,211,760	1,211,760	1,211,760		N/A		N
41	Expense		5002474	BX	Maintenance	Los Medanos Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	642,436	642,436	642,436		N/A		N
42	Expense		5002475	BX	Maintenance	McDonald Island Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	1,329,339	1,329,339	1,329,339		N/A		N
43	Expense		5002476	BX	Maintenance	Meridian Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	1,104,672	1,104,672	1,104,672		N/A		N
44	Expense		5002477	BX	Maintenance	Milpitas/Hollister Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	742,328	742,328	742,328		N/A		N
45	Expense		5002478	BX	Maintenance	Topock Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	1,415,285	1,415,285	1,415,285		N/A		N
46	Expense		5002479	BX	Maintenance	Rio Vista Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	627,865	627,865	627,865		N/A		N
47	Expense		5002481	BX	Maintenance	Tracy Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	788,260	788,260	788,260		N/A		N
48	Expense		5002482	BX	Maintenance	Willows Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	907,775	907,775	907,775		N/A		N
49	Expense		5006049	BX	Maintenance	Standing Backbone North	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	84,624	84,624	84,624		N/A		N
50	Expense		5006050	BX	Maintenance	Standing Backbone South	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	93,663	93,663	93,663		N/A		N
51	Expense		5006051	BX	Maintenance	Standing Gas Storage	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	38,051	38,051	38,051		N/A		N
52	Expense		5006052	BX	Maintenance	Standing Gas Gathering	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	35,764	35,764	35,764		N/A		N
53	Expense		5006053	BX	Maintenance	Standing Local Transmission	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	446,358	446,358	446,358		N/A		N
54	Expense		5006110	BX	Maintenance	Standards and Compliance	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	165,637	165,637	165,637		N/A		N
55	Expense		5006112	BX	Maintenance	Stanpac Billing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	521,334	521,334	521,334		N/A		N
56	Expense		5017089	BX	Maintenance	Gill Ranch Maintenance	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	583,101	583,101	583,101		N/A		N
57	Expense		5017170	BX	Maintenance	McDonald Island ¨GSO Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	833,724	833,724	833,724		N/A		N
58	Expense		5017171	BX	Maintenance	Los Medanos ¨GSO Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	555,732	555,732	555,732		N/A		N
59	Expense		5017172	BX	Maintenance	Hinkley ¨GSO Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	503,715	503,715	503,715		N/A		N
60	Expense		5017173	BX	Maintenance	Topock ¨GSO Standing	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	641,020	641,020	641,020		N/A		N
61	Expense	20508	41088448	BX	Maintenance	L 109 & 132 San Andreas Fault Xing Study	Engineering / Permitting	Y	1/1/2010	6/30/2013	N	Y	N	15,996	15,996	15,996		N/A		N
62	Expense	17668	P.03396	BX	Maintenance	GT Wireline Survey 2010	Close Out	N	1/1/2010	11/30/2010	N	Y	N	1,090	1,090	190,919		N/A		N
63	Expense			BX	Maintenance	Non Project Standing Order Work Summary	Expense On Going	N/A	N/A	N/A	N/A	N/A	N/A	3,405,068	3,405,068	3,405,068		N/A		N
64	Expense	15066	40754840	BX	Maintenance	Los Medanos K1 Annual Maint 2009/2010	Close Out	N	6/1/2009	12/1/2010	N	Y	N	283	283	126,777		N/A		N
65	Expense	19336	8094864	CM	Operations	Control Room Management	Expense On Going	N	10/18/2010	12/31/2011	N	Y	N	305,219	305,219	305,624		N/A		N
66	Expense	19341	8088669	CM	Operations	Core Load Forecast System	Expense On Going	N	4/1/2008	12/31/2015	N	Y	N	51,160	51,160	310,786		N/A		N
67	Expense	23059	41449645	HP	Exp Integrity Management	2011 ¨Psip Public Safety Awareness Prog	Expense On Going	Y	1/1/2011	12/31/2011	Y	Y	N	174,447	174,447	174,447		N/A		N
68	Expense	23063	41449649	HP	Exp Integrity Management	2008 Thru 2012 Icda Program Budget	Expense On Going	Y	1/1/2008	3/15/2013	N	Y	N	51,123	51,123	51,123		N/A		N
69	Expense	23065	41449651	HP	Exp Integrity Management	Pg&e Integrity Mgmt Team Costs	Expense On Going	Y	1/1/2008	12/31/2011	N	Y	N	502,338	502,338	502,338		N/A		N
70	Expense	23068	41449648	HP	Exp Integrity Management	ADD LEAK SURVEY TO SAP WORK MANAGMENT	Expense On Going	Y	12/15/2010	12/31/2011	N	Y	N	139,543	139,543	139,543		N/A		N
71	Expense	22742	P.03631	HP	Exp Integrity Management	2011 ¨Pipeline Markers	Expense On Going	Y	1/1/2011	12/31/2011	Y	Y	N	906	906	906		N/A		N

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT EXPENSE

GT&S Expense

Line #	Expense	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June	Total amount spent since project inception	Top 100 Report or High Risk Ranking (Yes/No)?	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
72	Expense	23073	41449657	HP	Exp Integrity Management	L 108 Mp 14.62 37.12 Pigging & Analysis	Estimation	Y	1/1/2011	12/31/2013	Y	Y	N	10,459	10,459	10,459		N/A		N
73	Expense	23089	41449673	HP	Exp Integrity Management	L 177a Mp 88.80 163.04 Direct Exam & Rep	Estimation	Y	1/1/2011	12/31/2012	Y	Y	N	2,945	2,945	2,945		N/A		N
74	Expense	24344	41498860	HP	Exp Integrity Management	L 108 MP 0.00 37.12 DIRECT EXAM & REPAIR	Estimation	N	1/1/2013	12/31/2013	N	Y	N	90	90	90		N/A		N
75	Expense	24398	41498259	HP	Exp Integrity Management	L 210A MP 1.38 19.47 DIRECT EXAM	Estimation	Y	4/27/2009	12/31/2013	N	Y	N	45	45	45		N/A		N
76	Expense	24405	41498569	HP	Exp Integrity Management	L 210B MP 1.37 25.98 PIGGING & ANALYSIS	Estimation	Y	1/1/2010	6/1/2012	N	Y	N	90	90	90		N/A		N
77	Expense	24407	41498570	HP	Exp Integrity Management	L 210B MP 1.37 25.98 DIRECT EXAM	Estimation	Y	4/27/2009	12/31/2013	N	Y	N	90	90	90		N/A		N
78	Expense	24610	41504836	HP	Exp Integrity Management	L 57A MP9.48 16.68 ILI DIRECT EXAM & REP	Estimation	N	1/1/2012	12/31/2012	N	Y	N	90	90	90		N/A		N
79	Expense	23148	P.03628	HP	Exp Integrity Management	L 21e Mp 53.12 ¯114.89 Ili Pigging&Anal	Construction	N	1/1/2010	4/1/2012	N	Y	N	650,954	650,954	660,759		N/A		N
80	Expense	23150	P.03630	HP	Exp Integrity Management	L 21E Mp 53.12 114.89 Direct Exam & Rep	Engineering / Permitting	N	7/20/2010	10/1/2012	N	Y	N	212,213	212,213	212,315		N/A		N
81	Expense	23082	41449665	HP	Exp Integrity Management	L 57a Mp 9.46 ¯16.68 Pigging & Analysis	Estimation	Y	1/1/2010	11/30/2011	N	Y	N	6,965	6,965	6,965		N/A		N
82	Expense	24121	P.03775	HP	Exp Integrity Management	L 131 MP 24.88 50.57 ILI RE INSPECTION	Engineering / Permitting	N	1/1/2010	5/21/2011	N	Y	N	336,592	336,592	337,131		N/A		N
83	Expense	23079	41449662	HP	Exp Integrity Management	L 105N MP 7.75 28.85 ILI DIRECT EXAM.	Estimation	Y	1/1/2011	12/31/2013	Y	Y	N	201,010	201,010	201,010		N/A		N
84	Expense	23086	41449669	HP	Exp Integrity Management	L 142s Mp 0.00 9.01 Ili Re ínspection	Construction	Y	1/1/2010	12/31/2012	N	Y	N	34,933	34,933	34,933		N/A		N
85	Expense	22122	P.03592	HP	Exp Integrity Management	2011 ECDA Overall	Expense On Going	N	1/1/2011	3/1/2012	Y	Y	N	5,441,147	5,441,147	5,442,153		N/A		N
86	Expense	22601	P.03612	HP	Exp Integrity Management	LTIMP expense Program 2011	Construction	Y	10/11/2010	12/30/2015	N	Y	N	66,962	66,962	66,962		N/A		N
87	Expense	23127	41449712	HP	Exp Integrity Management	Test Casings W/o Wires Or Vents	Construction	Y	1/27/2010	12/31/2013	N	Y	N	68,117	68,117	68,117		N/A		N
88	Expense	23143	P.03623	II	Exp Integrity Mgmt	I 210A MP 1.38 19.47 PIGGING & ANALYSIS	Construction	N	8/1/2009	12/31/2011	N	Y	N	1,639,806	1,639,806	1,644,823		N/A		N
89	Expense	23144	P.03624	II	Exp Integrity Mgmt	I 100 MP 138.43 150.13 DIRECT EXAM & REP	Construction	N	9/1/2010	9/1/2011	N	Y	N	823,441	823,441	902,741		N/A		N
90	Expense	23229	P.03642	II	Exp Integrity Mgmt	L 303 ILI 0.00 42.86 Direct Exam & Repai	Engineering / Permitting	N	1/1/2008	7/1/2011	N	Y	N	238,586	238,586	412,719		N/A		N
91	Expense	23230	P.03643	II	Exp Integrity Mgmt	L 124a MP 0.00 26.27 Direct Exam & Rep	Engineering / Permitting	N	6/1/2010	12/31/2011	N	Y	N	128,906	128,906	144,310		N/A		N
92	Expense	23142	P.03622	II	Exp Integrity Mgmt	L 177AMP 88.80 163.04 PIGGING & ANALYSIS	Engineering / Permitting	N	9/28/2007	11/15/2011	N	Y	N	432,211	432,211	499,020		N/A		N
93	Expense	21679	P.03254	II	Exp Integrity Mgmt	Remediate Contacted Cased Crossings	Expense On Going	N	1/1/2009	12/31/2014	N	Y	N	214,364	214,364	436,639		N/A		N
94	Expense	21177	41262134	II	Exp Integrity Mgmt	2010 ¯Psip Public Safety Awareness Prog	Expense On Going	N	1/1/2010	12/31/2010	N	Y	N	438	438	294,347		N/A		N
95	Expense	19025	P.02704	II	Exp Integrity Mgmt	2008 PG&E Integrity Management Costs	Close Out	N	1/1/2008	12/31/2010	N	Y	N	25,939	25,939	3,965,701		N/A		N
96	Expense	20755	P.03089	II	Exp Integrity Mgmt	II 2007 2012 Risk Mgmt Based Ec Prog	Expense On Going	N	1/1/2009	12/31/2012	N	Y	N	579	579	716,835		N/A		N
97	Expense	22273	P.03455	II	Exp Integrity Mgmt	IM Semi Annual Leak Survey ¯WBS	Expense On Going	N	1/1/2010	12/31/2011	N	Y	N	75,500	75,500	771,010		N/A		N
98	Expense	17990	40755035	II	Exp Integrity Mgmt	L 100 Mp138.4 150.1 Ili Pigging&analysis	Close Out	N	8/1/2009	6/30/2010	N	Y	N	1,435	1,435	1,380,689		N/A		N
99	Expense	23228	P.03641	II	Exp Integrity Mgmt	L 119b MP 0.00 10.17 D.E.& Repair	Close Out	N	1/1/2009	10/30/2010	N	Y	Y	5,224	5,224	554,740		N/A		N
100	Expense	23145	P.03626	II	Exp Integrity Mgmt	I 2 MP 43.45 118.20 DIRECT EXAM & REP	Close Out	N	1/15/2008	12/31/2009	N	Y	N	302	302	277,795		N/A		N
101	Expense	17264	40754943	II	Exp Integrity Mgmt	L 300a Mp 450 502 Ecda Re ínspection	Expense On Going	N	1/1/2008	12/31/2011	N	Y	N	34,813	34,813	760,393		N/A		N
102	Expense	21232	P.03213	II	Exp Integrity Mgmt	2010 ECDA Overall	Close Out	N	10/15/2009	2/28/2011	N	Y	Y	17,888	17,888	10,627,590		N/A		N
103	Expense	17300	8074694	II	Exp Integrity Mgmt	2008 Thru 2012 Icda Program Budget	Expense On Going	N	1/1/2008	3/15/2013	N	Y	N	10,968	10,968	155,238		N/A		N
104	Expense	23273	41463579	KE	GT PL Safety Enhance Plan	STRENGTH TEST PROGRAM	Expense On Going	N	2/14/2011	2/1/2014	Y	Y	N	5,820,236	5,820,236	5,820,236		N/A		N
105	Expense	23516	41474049	KE	GT PL Safety Enhance Plan	L 191B MP 1.63 1.64 TEST 1 MI PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,453	1,453	1,453		N/A		N
106	Expense	23531	41474031	KE	GT PL Safety Enhance Plan	L 401 TEST 0.80MI MP 323.44 326.76 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,894	1,894	1,894		N/A		N
107	Expense	23544	41474065	KE	GT PL Safety Enhance Plan	L 105N 3 MP 0.0 TEST 1 MI PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	56,016	56,016	56,016		N/A		N
108	Expense	23548	41474070	KE	GT PL Safety Enhance Plan	L 118A TEST 1.30MI MP 0.00 58.74 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	1,067	1,067	1,067		N/A		N
109	Expense	23559	41474075	KE	GT PL Safety Enhance Plan	L 126A TEST 9.84MI MP 0.00 10.89 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	71	71	71		N/A		N
110	Expense	23576	41473896	KE	GT PL Safety Enhance Plan	DFM 0401 10 MP 0 0.01 TEST 1 MI PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	3,051	3,051	3,051		N/A		N
111	Expense	23874	41474018	KE	GT PL Safety Enhance Plan	L 131_2 TEST 3.14MI MP 8.44 45.90 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	6,257	6,257	6,257		N/A		N
112	Expense	23903	41473980	KE	GT PL Safety Enhance Plan	DFM 1209 02 TEST 1.48MI MP 0.00 1.47 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	3,023	3,023	3,023		N/A		N
113	Expense	23905	41474028	KE	GT PL Safety Enhance Plan	DFM 3010 01 TEST 1.27MI MP 0.00 1.27 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	995	995	995		N/A		N
114	Expense	24210	41482922	KE	GT PL Safety Enhance Plan	L 021A_1 TEST 0.09MI MP 24.49 24.58 PH1	Engineering / Permitting	N	3/1/2011	12/31/2015	Y	Y	N	5,669	5,669	5,669		N/A		N
115	Expense	24471	41496073	KE	GT PL Safety Enhance Plan	STRENGTH TEST FACILITIES	Expense On Going	N	5/24/2011	12/31/2015	Y	Y	N	536,753	536,753	536,753		N/A		N
116	Expense	24472	41496075	KE	GT PL Safety Enhance Plan	STRENGTH TEST PMO	Expense On Going	N	5/24/2011	12/31/2015	Y	Y	N	3,820,707	3,820,707	3,820,707		N/A		N
117	Expense	24646	P.03751	KE	GT PL Safety Enhance Plan	DFM 1816 01_1 TEST 9.38mi MP 0.00 8.44 PH1	Engineering / Permitting	N	5/25/2011	12/31/2011	Y	Y	N	36,361	36,361	36,361		N/A		N
118	Expense	24647	P.03752	KE	GT PL Safety Enhance Plan	L 131_1 TEST 5.59mi MP 49.36 54.91 PH1	Engineering / Permitting	N	5/25/2011	12/31/2012	Y	Y	N	67,309	67,309	67,309		N/A		N
119	Expense	24648	P.03754	KE	GT PL Safety Enhance Plan	L 300A_1 TEST 62.94 mi MP 0.29 502.24 PH1	Construction	N	5/25/2011	12/31/2012	Y	Y	N	3,446,894	3,446,894	3,446,894		N/A		N
120	Expense	24649	P.03755	KE	GT PL Safety Enhance Plan	L 300A 1 TEST 0.61mi MP 156.40 157.01 PH1	Engineering / Permitting	N	5/25/2011	12/31/2011	Y	Y	N	343	343	343		N/A		N
121	Expense	24650	P.03756	KE	GT PL Safety Enhance Plan	L 300B_1 TEST 59.49mi MP 0.00 502.64 PH1	Construction	N	5/25/2011	12/31/2011	Y	Y	N	540,861	540,861	540,861		N/A		N
122	Expense	24652	P.03758	KE	GT PL Safety Enhance Plan	L 101 TEST 0.66mi MP 2.45 10.52 PH1	Construction	N	5/25/2011	12/31/2011	Y	Y	N	517,998	517,998	517,998		N/A		N
123	Expense	24653	P.03759	KE	GT PL Safety Enhance Plan	L 105A TEST 4.76mi MP 38.00 46.91 PH1	Engineering / Permitting	N	5/25/2011	12/31/2012	Y	Y	N	16,927	16,927	16,927		N/A		N
124	Expense	24654	P.03760	KE	GT PL Safety Enhance Plan	L 132_1 TEST 42.62mi MP 0.74 51.53 PH1	Engineering / Permitting	N	5/25/2011	12/31/2012	Y	Y	N	1,261,023	1,261,023	1,261,023		N/A		N
125	Expense	24655	P.03761	KE	GT PL Safety Enhance Plan	L 132A TEST 1.45mi MP 0.01 1.46 PH1	Construction	N	5/25/2011	12/31/2012	Y	Y	N	1,316,623	1,316,623	1,316,623		N/A		N
126	Expense	24656	P.03762	KE	GT PL Safety Enhance Plan	L 147 TEST 2.88mi MP 0.40 3.40 PH1	Expense On Going	N	5/25/2011	12/31/2012	Y	Y	N	23,314	23,314	23,314		N/A		N
127	Expense	24657	P.03763	KE	GT PL Safety Enhance Plan	L 148 TEST 17.62mi MP 0.00 17.63 PH1	Engineering / Permitting	N	5/25/2011	12/31/2014	Y	Y	N	3,942	3,942	3,942		N/A		N
128	Expense	24658	P.03764	KE	GT PL Safety Enhance Plan	L 153_1 TEST 17.35mi MP 0.00 22.87PH1	Construction	N	5/25/2011	12/31/2012	Y	Y	N	689,189	689,189	689,189		N/A		N
129	Expense	24661	P.03766	KE	GT PL Safety Enhance Plan	L 105C TEST 1.74mi MP 0.00 1.76 PH1	Engineering / Permitting	N	5/25/2011	12/31/2011	Y	Y	N	4,875	4,875	4,875		N/A		N
130	Expense	24662	P.03767	KE	GT PL Safety Enhance Plan	L 105N_2 TEST 0.48mi MP 21.24 21.70 PH1	Engineering / Permitting	N	5/25/2011	12/31/2011	Y	Y	N	67,301	67,301	67,301		N/A		N
131	Expense	22716	41416251	KE	GT PL Safety Enhance Plan	GT 811 COMMUNICATION OUTREACH	Expense On Going	N	11/2/2010	12/19/2010	N	Y	N	1,631	1,631	370,397		N/A		N
132	Expense	24132	41482826	KE	GT PL Safety Enhance Plan	PL2020 EMERGENCY RESP EXECUTION	Expense On Going	N	3/31/2011	12/31/2014	Y	Y	N	90,077	90,077	90,077		N/A		N
133	Expense	22725	41416677	KE	GT PL Safety Enhance Plan	IMP PLAN ¯VALVE PLANNING EXP	Expense On Going	N	10/1/2010	3/31/2011	N	Y	N	676,695	676,695	771,682		N/A		N
134	Expense	22858	41428171	KE	GT PL Safety Enhance Plan	PL2020 ¯EMERGENCY PLANNING EXP	Close Out	N	11/20/2010	12/31/2011	N	Y	N	426,141	426,141	426,467		N/A		N
135	Expense	23163	41457916	KE	GT PL Safety Enhance Plan	IMP PLAN ¯PIPELINE PLANNING EXP	Engineering / Permitting	Y	1/25/2011	12/31/2011	Y	Y	N	1,174,008	1,174,008	1,174,008		N/A		N
136	Expense	22924	41428219	KE	GT PL Safety Enhance Plan	PL2020 ¯GENERAL EXP	Expense On Going	N	11/19/2010	12/31/2011	N	Y	N	1,323,145	1,323,145	1,345,621		N/A		N
137	Expense	24297	41487780	KE	GT PL Safety Enhance Plan	IMP PLAN PROGRAM GOVERNANCE	Expense On Going	N	4/19/2011	12/31/2014	Y	Y	N	457,320	457,320	457,320		N/A		N
138	Expense	22859	41428172	KE	GT PL Safety Enhance Plan	PL2020 ¯MATERIALS DATA EXP	Close Out	N	11/20/2010	12/31/2012	N	Y	N	313,214	313,214	313,949		N/A		N
139	Expense	22421	41363688	KF	Implement Reg. Change	CPUC ¯SURVEY VEGETATION MANAGEMENT NO	Close Out	N	9/20/2010	12/31/2010	N	Y	N	637	637	328,533		N/A		Y
140	Expense	22454	41363363	KF	Implement Reg. Change	CPCU GT LK SURVEY ¯CONTRACT & OTHER	Expense On Going	N	9/16/2010	6/30/2011	N	Y	Y	123,111	123,111	2,097,079		N/A		Y
141	Expense	22463	41366235	KF	Implement Reg. Change	CPCU GT LK SURVEY QA	Expense On Going	N	9/27/2010	6/30/2011	N	Y	Y	126,610	126,610	2,267,389		N/A		Y
142	Expense	22468	41362251	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯KT	Expense On Going	N	9/24/2010	12/31/2010	N	Y	N	1,221	1,221	412,650		N/A		Y

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT QUESTIONS 3 AND 4
GT EXPENSE

GT&S Expense

Line #	Expense	PSRS ID #	Order # / Planning Order #	MWC	MWC Description	Project Name or Work Category	Description of work performed in reporting period	Work Planned to Start in Current Reporting Period	Order Start Date for work started or underway in the reporting period	Project Construction Completion Date or Forecasted Completion Date	Project start in reporting period (Y/N)	Project Underway in Reporting Period	Project completed in reporting period (Y/N)	Amount spent in the reporting period	Total amount spent YTD through June	Total amount spent since project inception	Top 100 Report or High Risk Ranking (Yes/No)?	HCA (Yes/No)?	Capital Project Described in any Rate Case Work papers (Case Year or Blank)?	Government Requirement/Recommendation (Y/N)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
143	Expense	22477	41362257	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯DI	Expense On Going	N	9/24/2010	5/1/2011	N	Y	Y	8,076	8,076	446,842		N/A		Y
144	Expense	22476	41362259	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯NB	Expense On Going	N	9/24/2010	12/31/2010	N	Y	N	1,734	1,734	479,001		N/A		Y
145	Expense	22482	41362525	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯SJ	Expense On Going	N	9/24/2010	12/31/2010	N	Y	N	426	426	557,766		N/A		Y
146	Expense	22484	41362526	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯FR	Expense On Going	N	9/24/2010	5/30/2011	N	Y	Y	11,556	11,556	263,777		N/A		Y
147	Expense	22486	41362528	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯ST	Expense On Going	N	9/24/2010	12/31/2010	N	Y	N	441	441	635,343		N/A		Y
148	Expense	22487	41362529	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯YO	Expense On Going	N	9/24/2010	5/31/2011	N	Y	Y	9,821	9,821	427,222		N/A		Y
149	Expense	22493	41362534	KF	Implement Reg. Change	CPUC TRANSMISSION SURVEY ¯SA	Expense On Going	N	9/24/2010	12/31/2010	N	Y	N	573	573	347,212		N/A		Y
150	Expense	22458	41364545	KF	Implement Reg. Change	CPUC SURVEY SYSTEM WIDE / LEAK REPAIRS	Expense On Going	N	9/16/2010	6/30/2011	N	Y	Y	2,617	2,617	8,526		N/A		Y
151	Expense	24308	8104258	KF	Implement Reg. Change	SBI NON ÏIC GAS TRANSMISSION (BX8)	Expense On Going	N	1/1/2011	12/31/2011	Y	Y	N	1,261,224	1,261,224	2,515,618		N/A		N
152	Expense	23252	41488941	KF	Implement Reg. Change	E.3. SAN BRUNO OII AND OIR	Expense On Going	N	2/1/2011	12/31/2012	Y	Y	N	122,636	122,636	122,636		N/A		N
153	Expense	22963	41438286	KF	Implement Reg. Change	SBI GENERAL ORDER ¯2011	Expense On Going	Y	1/1/2011	12/31/2012	Y	Y	N	313,910	313,910	313,910		N/A		N
154	Expense	23308	41464327	KF	Implement Reg. Change	2011 DRU/ DATA REQUEST UNIT	Expense On Going	N	2/23/2011	12/31/2011	Y	Y	N	864,081	864,081	864,081		N/A		N
155	Expense	23270	41469315	KF	Implement Reg. Change	E.2 INDEPENDENT PANEL REIVEW	Expense On Going	N	3/1/2011	12/31/2015	Y	Y	N	30,604	30,604	30,604		N/A		N
156	Expense	22683	41363151	KF	Implement Reg. Change	L 132 SBI INSPECTION AND RESTORE INCIDEN	Construction	N	9/15/2010	4/1/2012	N	Y	N	103,812	103,812	426,248		N/A		N
157	Expense	22434	41368618	KF	Implement Reg. Change	GT CLASSIFICATION REVIEW ¯SYSTEMWIDE	Expense On Going	Y	9/22/2010	9/30/2011	N	Y	N	414,704	414,704	414,704		N/A		N
158	Expense	22419	41363152	KF	Implement Reg. Change	LINE 101 SBI GIS VALIDATION	Close Out	N	9/20/2010	1/1/2011	N	Y	Y	17,137	17,137	1,566,608		N/A		N
159	Expense	24393	P.03714	KF	Implement Reg. Change	Vintage Pipeline ¯Inspection/Diagnostic	Expense On Going	Y	1/1/2011	12/31/2011	Y	Y	N	2,401,978	2,401,978	2,401,978		N/A		N
160	Expense	22438	41368824	KF	Implement Reg. Change	GT PIPELINE INTEGRITY PROGRAM REVIEW	Expense On Going	N	9/22/2010	12/31/2011	N	Y	N	510,113	510,113	531,829		N/A		N
161	Expense	22838	41428169	KF	Implement Reg. Change	STATION REQUIREMENTS (CI 1 FOR NTSB)	Engineering / Permitting	N	11/19/2010	12/31/2013	N	Y	N	304,002	304,002	312,690		N/A		N
162	Expense	22641	41395249	KF	Implement Reg. Change	NTSB INVESTIGATION SUPPORT	Expense On Going	N	10/1/2010	12/31/2011	N	Y	N	265,431	265,431	334,851		N/A		N
163	Expense	22749	41425821	KF	Implement Reg. Change	SYSTEM CURTAILMENT / OPERATIONS ASSESSME	Expense On Going	Y	11/1/2010	12/31/2011	N	Y	N	609,896	609,896	609,896		N/A		N
164	Expense	23177	41454294	KF	Implement Reg. Change	REBUILD BACKBONE TRANSMISSION MODELS P25	Engineering / Permitting	N	2/1/2011	12/31/2011	Y	Y	N	40,212	40,212	40,212		N/A		N
165	Expense	23314	41465053	KF	Implement Reg. Change	LEAK ROOT CAUSE ANALYSIS INVESTIGATION	Estimation	N	2/23/2011	9/30/2011	Y	Y	N	21,960	21,960	21,960		N/A		N
166	Expense	23250	41493594	KF	Implement Reg. Change	PROJECT MANAGEMENT SUPPORT	Expense On Going	N	2/1/2011	12/31/2011	Y	Y	N	213,909	213,909	213,909		N/A		N
167	Expense	23413	8104743	KF	Implement Reg. Change	IRTH Software updates and maintenance	Expense On Going	Y	1/1/2011	12/31/2013	Y	Y	N	22,148	22,148	22,148		N/A		N
168	Expense	23290	41463067	KF	Implement Reg. Change	MAOP PROJECT PHASE II PFL BUILD	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	7,937,328	7,937,328	7,937,328		N/A		N
169	Expense	23291	41463068	KF	Implement Reg. Change	MAOP PROJECT PHASE II # PMO	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	4,061,126	4,061,126	4,061,126		N/A		N
170	Expense	23292	41463069	KF	Implement Reg. Change	MAOP PROJECT PHASE II # ISTS INFRASTRUCT	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	405,713	405,713	405,713		N/A		N
171	Expense	23293	41463070	KF	Implement Reg. Change	MAOP PROJECT PHASE II # ISTS APPLICATION	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	1,475,504	1,475,504	1,475,504		N/A		N
172	Expense	23294	41463071	KF	Implement Reg. Change	MAOP PROJECT PHASE II # PROJECT OVERHEAD	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	624,827	624,827	624,827		N/A		N
173	Expense	23309	41464520	KF	Implement Reg. Change	MAOP PROJECT PHASE II # RECORDS VERIFICA	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	10,205,624	10,205,624	10,205,624		N/A		N
174	Expense	25033	8107137	KF	Implement Reg. Change	MAOP PROJECT PHASE II ¯PMO	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	396,543	396,543	396,543		N/A		N
175	Expense	25034	8107141	KF	Implement Reg. Change	MAOP PROJECT PHASE II ¯RECORDS VERIFICA	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	1,189,629	1,189,629	1,189,629		N/A		N
176	Expense	924052	8104259	KF	Implement Reg. Change	SBI NON ÏIC GAS TRANSMISSION (BXD)	Expense On Going	N	3/14/2011	12/31/2012	Y	Y	N	140,357	140,357	1,712,141		N/A		N
177	Expense	24413	41489483	KF	Implement Reg. Change	EXCAVATIONS / NDE	Expense On Going	N	5/1/2011	12/31/2012	Y	Y	N	185,655	185,655	185,655		N/A		N
178	Expense	24671	41502220	KF	Implement Reg. Change	CPUC REVIEW OF MAOP WORK	Expense On Going	N	6/9/2011	10/31/2011	Y	Y	N	13,973	13,973	13,973		N/A		Y
179	Expense	22769	8103940	KF	Implement Reg. Change	GIS SYST. DATA ASSESSMENT/RECORDS REVIEW	Expense On Going	N	11/3/2010	12/31/2012	N	Y	N	3,321	3,321	74,941		N/A		N
180	Expense	23215	41457902	KF	Implement Reg. Change	PHASE 1 DATA & MAOP VALIDATION DV PRODUC	Close Out	Y	1/10/2011	6/1/2011	Y	Y	Y	15,231,699	15,231,699	15,231,699		N/A		N
181	Expense	23216	41457903	KF	Implement Reg. Change	PHASE 1 DATA & MAOP VALIDATION ¯DV ¯NO	Close Out	Y	1/10/2011	6/1/2011	Y	Y	Y	2,382,865	2,382,865	2,382,865		N/A		N
182	Expense	23217	41457904	KF	Implement Reg. Change	PHASE 1 DATA & MAOP VALIDATION ¯ISTS IN	Close Out	Y	1/10/2011	6/1/2011	Y	Y	Y	393,515	393,515	393,515		N/A		N
183	Expense	23218	41457905	KF	Implement Reg. Change	PHASE 1 DATA & MAOP VALIDATION ¯ISTS AP	Close Out	Y	1/10/2011	6/1/2011	Y	Y	Y	1,838,146	1,838,146	1,838,146		N/A		N
184	Expense	23337	41466462	KF	Implement Reg. Change	RECORDS PROJECT UPDATE	Close Out	N	3/2/2011	12/31/2011	Y	Y	N	3,727,155	3,727,155	3,727,155		N/A		N
185	Expense	24310	8106758	KF	Implement Reg. Change	Data & MAOP Validation Ph.1 Non ÏIC	Close Out	Y	1/1/2011	12/31/2011	Y	Y	N	448,483	448,483	448,483		N/A		N

4. For Exceeding $250,000, Status and Amounts Spent During Reporting Period, Calendar Year and Total Amounts Spent, and Reprioritization If Any

Request

For each project or work activity with a cost exceeding $250,000, the Safety Report must identify and describe each capital project, and the pipeline integrity O&M work activities, that were started, underway, or completed during the reporting period, and the amount spent on each project and activity during the reporting period, the amount spent during the calendar year, and the total amount spent on each project or activity. For projects or work activity with a cost of $250,000 or less, those may be reported as an aggregate by MWC. The Safety Report must include the start date, the completion date or anticipated completion date, and a description of the work that was performed during the reporting period. If PG&E began a project or O&M activity during the reporting period that was not previously identified as a planned project or activity in a prior Safety Report, PG&E must provide an explanation of why that project or activity proceeded ahead of other projects or activities that were previously listed as a planned project or activity, and the source of the monies to be used on this project or activity.

Response

Table 3-1 also shows the data requested in Section 4. A brief description of the columns and the data they contain follows:

Column F (major work category description) and Column G (description of the project or work category) identify and describe each gas storage project, pipeline safety, integrity, and reliability capital project, and the pipeline integrity O&M work activities which were started, underway, or completed during the reporting period with a project or work activity cost exceeding $250,000. Column L indicates if the project or work activity was started during the reporting period. Column M indicates if the project or work activity was underway in the reporting period. Column N indicates if the project or work activity was completed in the reporting period. Costs for each project or work activity are shown in Columns O, P, and Q for the amount spent in the reporting period, the amount spent YTD through June, and the amount spent since inception, respectively. Column J contains the order start date. Column K contains the construction completion date or the forecasted

construction completion date. After construction is completed, job wrap-up activities such as as-built drawing completion, mapping updates, and de-mobilization efforts take place before a project is deemed to have been completed and the order is closed. For Column N, the order close date is used to determine when a project is completed. Column H contains a description of the work that was performed during the reporting period.

Since this is the first GT&S safety report, there are no projects or work activities identified in earlier safety reports to discuss prioritization or source of funding.

Project and work activity costs shown here include all indirect, overhead and Administrative and General expenses, and as such, are already on a comparable basis to the budgeted amounts.

Tables 4-1 and 4-2 detail costs aggregated by MWC for those projects or work activities amounting to $250,000 or less.

TABLE 4-1
PACIFIC GAS AND ELECTRIC COMPANY
TOTAL CAPITAL PROJECTS COSTS STARTED OR UNDERWAY IN THE REPORTING PERIOD <$250K
(IN 2011 DOLLARS)

		Total Capital Projects Costs Started or Underway in the Reporting Period <$250K		
MWC	Description	Costs During Reporting Period	Total Costs YTD Thru June	Total Costs Since Inception
2H	GE&O Implement Plan	$ 143,674	$ 143,674	$ 219,284
2J	Implement Regulatory Changes	62,886	62,886	241,889
34	Trans Subsid Exp	331,713	331,713	336,738
44	Trans Subsid Capital	94,684	94,684	330,958
73	Pipeline Capacity	-	-	328,960
75	Pipeline Reliability	2,890,999	2,890,999	8,518,998
76	Station Reliability	284,749	284,749	3,194,109
84	Gas Gathering	459,063	459,063	1,606,617
98	Capital Integrity Mgmt	-	-	-
	Total	**$ 4,267,767**	**$ 4,267,767**	**$ 14,777,552**

TABLE 4-2
PACIFIC GAS AND ELECTRIC COMPANY
TOTAL EXPENSE PROJECTS COSTS STARTED OR UNDERWAY IN THE REPORTING PERIOD <$250K
(IN 2011 DOLLARS)

		Total Expense Projects Costs Started or Underway in the Reporting Period <$250K		
MWC	Description	Costs During Reporting Period	Total Costs YTD Thru June	Total Costs Since Inception
BX	Maintenance	$ 5,808,338	$ 5,808,338	$ 15,593,321
CM	Operations	4,572,031	4,572,031	4,572,031
DF	Mark & Locate	2,569,045	2,569,045	2,569,045
HP/II	Exp Integrity Management	454,143	454,143	753,240
KE	GT PL Safety Enhance Plan	595,962	595,962	595,962
KF	Implement Regulatory Change	2,570,301	2,570,301	4,161,431
	Total	**$ 16,569,819**	**$ 16,569,819**	**$ 28,245,029**

5. Explanation of Any Variances for Budgeted Capital and Expense

Request

If PG&E does not spend the entire amount budgeted for gas storage capital projects, pipeline –related capital projects, or O&M activities related to pipeline safety, reliability, and integrity, PG&E must provide an explanation in its Safety Report. Similarly, if PG&E spends in excess of the amount budgeted for these capital projects or O&M activities, PG&E must provide an explanation in its Safety Report.

Response

As Tables 5-1 and 5-2 indicate, in most cases, as expected, the programs have not yet spent their annual budget amount since this reporting period covers only the first two quarters of 2011. However, the expectation is that all the programs will have spent their annual budgets at year-end.

TABLE 5-1
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF O&M ACTIVITIES SPEND
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Desc	Budget	YTD Actual (6/30)	Explanations
Gas Transmission - Expense				
BX	Maint Gas Transm System	$ 56,804	$ 32,265	Funds expected to be spent by Year-End 2011
CM	GT Operate System	11,650	4,928	Funds expected to be spent by Year-End 2011
DF	G&E T&D Mark & Locate	4,354	2,569	Funds expected to be spent by Year-End 2011
II/HP	GT Integrity Management	22,000	11,941	Funds expected to be spent by Year-End 2011
Gas Transmission Expense Base		**$94,808**	**$51,704**	
BX	Maint Gas Transm System	$ 0	$ 72	
KE	GT PL Safety Enhance Plan	164,547	23,305	Funds expected to be spent by Year-End 2011
KF	GE&O Impl Regulatory Change	171,586	60,748	Funds expected to be spent by Year-End 2011
Gas Transmission Expense- Non-Base		**$336,133**	**$84,124**	

Note: Gas Transmission Integrity management expenses are recorded in MWCs II and HP. The creation of MWC HP was necessitated for accounting purposes by the authorization of a one-way balancing account for Gas Transmission Integrity Management expenses.

TABLE 5-2
PACIFIC GAS AND ELECTRIC COMPANY
SUMMARY OF CAPITAL PROJECT SPEND
(IN THOUSANDS OF 2011 DOLLARS)

MWC	MWC Desc	Budget	YTD Actual (6/30)	Explanations
Gas Transmission - Capital				
73	G Trans New Capacity - Gas	$ 19,981	$ 4,243	Funds expected to be spend by Year-End 2011
75	G Trans Reliability - Pipeline	39,300	12,782	Funds expected to be spend by Year-End 2011
84	G Trans Gathering System	2,433	1,111	Funds expected to be spend by Year-End 2011
98	GT Integrity Management	25,754	12,125	Funds expected to be spend by Year-End 2011
76	G Trans Reliability - Station	40,240	16,997	Funds expected to be spend by Year-End 2011
Gas Transmission- Base		**$127,708**	**$47,258**	
Non-Base Costs				
2H	GT PL Safety Enhance Plan	$ 28,550	$ 2,402	Funds expected to be spend by Year-End 2011
2J	GT&D Impl Regulatory Change	15,700	2,432	Funds expected to be spend by Year-End 2011
Gas Transmission- Non-Base		**$44,250**	**$4,834**	
GT Adder Projects				
73	G Trans New Capacity - Gas	$ 9,900	$ 2,230	Funds expected to be spend by Year-End 2011
Gas Transmission- GT Adder Projects		**$9,900**	**$2,230**	
OBS- StanPac				
34	Maint Gas Trans-Subsid	$ 1,308	$ 1,234	Funds expected to be spend by Year-End 2011
44	Gas Capital:GasTrans-Sub	529	101	Funds expected to be spend by Year-End 2011
OBS- StanPac		**$1,837**	**$1,335**	

Risk and Integrity Management

6. Most Recent "Top 100" and Explanation for Any Variances From Prior Reports

Request

The Safety Report must attach PG&E's most recent Risk Management Top 100 report, or its successor report, and PG&E must identify any changes from the prior report and explain the reasons for the changes. If the Risk Management Top 100 report or its successor is unchanged from the prior Safety Report; PG&E may provide a reference to the earlier Risk Management Top 100 report or its successor report.

Response

PG&E no longer produces a "Top 100" report as a tool for assessing risk on its Gas Transmission pipelines. The most recent "Top 100" report is from 2009. Table 6-1 (on pages 32-38) includes the 2009 Top 100 Report and contains the segment ranking, segment number, beginning and ending milepoint, footage, factor, action, and status (a key explaining the factor and status shown below). PG&E will continue reporting on the 2009 Top 100 report until all segments are either in "Monitoring" or "Complete" status. As indicated in PG&E's Comments on the Proposed Decision of ALJ Wong on PG&E's 2011 Gas Transmission and Storage Rate Case and resulting settlement (known as "Gas Accord V"), dated April 4, 2011, PG&E is currently developing an enhanced risk prioritization process for project planning that would improve upon the Top 100 Report. When this process is complete, PG&E will include the results of this successor report in the Safety Report.

KEY: 2009 Top 100 Risk Report

Factor Key:

A pipeline segment may be placed into planning for further study and long-range planning based upon its risk for one of five factors:

(1) Potential for Third-Party Damage – Third-party damage is the number one risk to PG&E's pipeline system. Indications that a pipe may be at risk for third-party damage include whether or not the line segment has a history of third-party damage, the depth at which the pipe is buried, the pipe's diameter, the degree of marking available for the pipe's location, and local awareness in

the immediate area of the pipeline's location. Some of the actions PG&E would take to reduce this risk factor would include additional marking of the pipeline location (when possible), additional education in the immediate area for the 811 system to call before digging, and monitoring of construction activity and/or permits in the area around the pipeline.

(2) **Potential for Corrosion** – Factors include items such as: the coating design, the resistivity of the soil, and other ground-based factors which could reduce the thickness of the pipe wall. Some of the actions PG&E would take to reduce this risk include regular and ongoing monitoring (PG&E monitors both electronically and physically, physically checking every two months at over 6,000 locations in its natural gas transmission system), increasing or replacing the pipe's external protective coating, or replacement of the pipe itself.

(3) **Potential for Ground Movement** – Factors include the proximity to seismically active areas, and the potential for soil erosion around the pipeline. Some of the actions PG&E would take to reduce this risk include enhancing the strength of the pipe, increased monitoring, or burying the pipe a greater depth beneath the ground level (for erosion prevention).

(4) **Physical Design and Characteristics** – Factors include items such as: the age of pipe, the type of welding performed on the pipe, the fittings used in the pipeline, and the materials used to manufacture the pipe. Some of the actions PG&E would take to reduce this risk factor include replacement of the pipe or fittings in order to upgrade or improve the design or characteristics of the line segment.

(5) **Overall** – Did not score high in any one factor of the above factors, but scored moderately high in more than one factor.

Status Key:

- **Monitoring** – PG&E engineers are monitoring and reviewing these line segments to see if they need to be addressed through a project.
- **Initiated** – PG&E engineers have determined that the line segment merits further study and analysis.
- **Engineering** – PG&E engineers are defining the scope of the project and readying it for construction.

- **Construction** – The project is currently under construction.
- **Complete** – The project has been completed and will come off the planning grid.

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
71	103	117.1	11.00	11.42	2225	Potential for Ground Movement	Relocate 6 miles of pipe between Hwy 156 and Crazy Horse Rd. near San Juan Bautista to replace two smaller segments of pipe within the larger pipeline. This section of L103 travels across the San Andreas fault line and through hillsides which are susceptible to landslides and soil erosion problems. Construction is currently scheduled for 2013.	Engineering
72	103	117.5	11.42	11.65	1190	Potential for Ground Movement	Relocate 6 miles of pipe between Hwy 156 and Crazy Horse Rd. near San Juan Bautista to replace two smaller segments of pipe within the larger pipeline. This section of L103 travels across the San Andreas fault line and through hillsides which are susceptible to landslides and soil erosion problems. Construction is currently scheduled for 2013.	Engineering
74	107	127.1	14.00	14.82	5311	Physical Design and Characteristics	Evaluating the potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle, due to the design materials used and the potential for ground movement. This section of L107 is located across open hills from south Livermore to Arroyo del Valle.	Initiated
89, 90	107	127.5	14.82	15.12	1089	Physical Design and Characteristics	Evaluating the potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle, due to the design materials used and the potential for ground movement. This section of L107 is located across open hills from south Livermore to Arroyo del Valle.	Initiated
89, 90	107	127.57	15.13	15.36	849	Physical Design and Characteristics	Evaluating the potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle, due to the design materials used and the potential for ground movement. This section of L107 is located across open hills from south Livermore to Arroyo del Valle.	Initiated
91	107	127.6	15.36	15.36	7	Physical Design and Characteristics	Evaluating the potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle, due to the design materials used and the potential for ground movement. This section of L107 is located across open hills from south Livermore to Arroyo del Valle.	Initiated
79, 80	107	127.7	15.36	15.70	1237	Physical Design and Characteristics	Evaluating the potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle, due to the design materials used and the potential for ground movement. This section of L107 is located across open hills from south Livermore to Arroyo del Valle.	Initiated
79, 80	107	129	15.89	16.40	2722	Physical Design and Characteristics	Evaluate the potential replacement of 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Valecitos Valley due to the design materials used and the potential for ground movement. This segment of L107 is located across the open hills south of Livermore from Arroyo del Valle to the Vallecitos Valley.	Initiated
82	107	131.5	17.11	18.00	4683	Physical Design and Characteristics	Evaluate the potential replacement of 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Valecitos Valley due to the design materials used and the potential for ground movement. This segment of L107 is located across the open hills south of Livermore from Arroyo del Valle to the Vallecitos Valley.	Initiated
73	107	132.2	18.00	18.67	3302	Physical Design and Characteristics	Evaluate the potential replacement of 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Valecitos Valley due to the design materials used and the potential for ground movement. This segment of L107 is located across the open hills south of Livermore from Arroyo del Valle to the Vallecitos Valley.	Initiated
77	107	139	21.07	22.29	6441	Potential for Ground Movement	Evaluate the potential replacement of 19,115 feet of pipe between Foleys Crossover and Calaveras Rd due to the potential for ground movement. This section of L107 is located across the open hills through the Vallecitos Valley to Calaveras Rd in Sunol.	Initiated
43, 44	108	124.6	12.70	12.72	100	Physical Design and Characteristics	Replace 2.5 miles of pipe from Woodward Rd to West Ripon Rd due to the design materials used. Construction was completed in 2010.	Complete
43, 44	108	125	12.72	12.76	185	Physical Design and Characteristics	Replace 2.5 miles of pipe from Woodward Rd to West Ripon Rd due to the design materials used. Construction was completed in 2010.	Complete
2, 3, 4	108	146.35	39.18	39.21	168	Physical Design and Characteristics	Evaluate the potential replacement of 8,000 feet of pipe through the rural area near Rd near Lodi due to the design materials used.	Initiated
2, 3, 4	108	146.6	39.21	39.23	100	Physical Design and Characteristics	Evaluate the potential replacement of 8,000 feet of pipe through the rural area near Rd near Lodi due to the design materials used.	Initiated

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
2, 3, 4	108	147	39.23	39.47	1291	Physical Design and Characteristics	Evaluate the potential replacement of 8,000 feet of pipe through the rural area near Rd near Lodi due to the design materials used.	Initiated
15	108	179.5	62.57	63.29	3831	Physical Design and Characteristics	Replace 8,900 feet of pipe through the industrial area from Laguna Blvd to Dwight Road in Elk Grove due to the design materials used. Construction started in 2011.	Construction
56	109	137	15.00	15.38	2004	Potential for Corrosion	PG&E conducted an analysis of the cathodic system that protects this pipeline segment from corrosion. Based on this analysis, the system was adjusted for better protection. Analysis of the system in 2009 showed a marked improvement. Engineering will continue monitoring the segment, but no further action is contemplated at this time.	Monitoring
60, 61, 62	109	137.19	15.38	15.65	1377	Potential for Corrosion	PG&E conducted an analysis of the cathodic system that protects this pipeline segment from corrosion. Based on this analysis, the system was adjusted for better protection. Analysis of the system in 2009 showed a marked improvement. Engineering will continue monitoring the segment, but no further action is contemplated at this time.	Monitoring
60, 61, 62	109	137.32	15.65	16.01	1904	Potential for Corrosion	PG&E conducted an analysis of the cathodic system that protects this pipeline segment from corrosion. Based on this analysis, the system was adjusted for better protection. Analysis of the system in 2009 showed a marked improvement. Engineering will continue monitoring the segment, but no further action is contemplated at this time.	Monitoring
60, 61, 62	109	137.8	16.19	16.33	720	Potential for Corrosion	PG&E conducted an analysis of the cathodic system that protects this pipeline segment from corrosion. Based on this analysis, the system was adjusted for better protection. Analysis of the system in 2009 showed a marked improvement. Engineering will continue monitoring the segment, but no further action is contemplated at this time.	Monitoring
84, 85	114	106	3.18	3.80	3293	Potential for Ground Movement	PG&E is conducting an engineering review of the potential for ground movement along 5,272 feet of pipe near the Sacramento and San Joaquin Rivers on Sherman Island. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
87, 88	114	120	7.32	7.69	1979	Potential for Ground Movement	PG&E is conducting an engineering review of the potential for ground movement along 5,272 feet of pipe near the Sacramento and San Joaquin Rivers on Sherman Island. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
69	114	153.2	28.00	28.87	4675	Potential for Ground Movement	Evaluate the potential replacement of 7,000 feet of pipe between Vasco Rd and on steep slopes from the North Livermore Valley Vasco Rd due to the potential Potential for Ground Movement.	Initiated
87, 88	114-1	103	7.33	7.73	1976	Physical Design and Characteristics	Evaluate the potential of removing 7,500 feet of 3 pipes crossing the San Joaquin River, underwater, near the Antioch Bridge due to the potential for ground movement.	Initiated
84, 85	114-2	101	3.18	3.80	3293	Physical Design and Characteristics	Evaluate the potential of removing 7,500 feet of 3 pipes crossing the San Joaquin River, underwater, near the Antioch Bridge due to the potential for ground movement.	Initiated
76	118A	166.13	30.38	30.40	38	Potential for Third-Party Damage	Farming operations over the pipeline which drove this elevated risk have since been changed: the pipeline now lies beneath a farm road, and therefore has a much lower exposure to excavation than in the middle of an agricultural field. Pipeline markers in this location have been improved and the program to remind the landowner of the location is current.	Complete
55	118A	166.17	30.40	31.06	3462	Potential for Third-Party Damage	Farming operations over the pipeline which drove this elevated risk have since been changed: the pipeline now lies beneath a farm road, and therefore has a much lower exposure to excavation than in the middle of an agricultural field. Pipeline markers in this location have been improved and the program to remind the landowner of the location is current.	Complete
54	119B	101	0.00	0.01	1437	Physical Design and Characteristics	PG&E is conducting an engineering review of the design materials of 1,437 feet of pipe at Lampasas Ave and Grove Ave in Sacramento. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
19	1202-16	100	0.00	0.08	439	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
23, 24, 25	1202-16	101	0.08	0.19	591	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
23, 24, 25	1202-16	101.1	0.19	0.27	425	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
27	1202-16	101.2	0.27	0.49	1156	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
23, 24, 25	1202-16	102	0.49	1.03	2871	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
13	1202-16	103	1.03	1.05	113	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
35	1202-16	103.1	1.05	1.11	260	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
33	1202-16	103.3	1.11	1.20	486	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
21	1202-16	115	1.67	2.42	3963	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
97	1202-16	117	2.58	2.59	27	Potential for Corrosion	All segments (10,331 feet) of pipe along N Clovis Ave between E Shields Ave and E Ashlan Ave in Fresno and Clovis have been evaluated. Seven excavations were performed to examine the pipe for potential corrosion and the pipe was recoated. Engineering will continue to monitor these segments to determine whether future action is warranted.	Monitoring
34	130	101	0.00	0.50	2530	Potential for Ground Movement	Evaluate the potential replacement of 4,000 feet of pipe crossing the Sacramento River near the Rio Vista Bridge due to the potential for ground movement. This section of pipeline is located underwater.	Initiated
75	131	115	7.39	7.75	2066	Potential for Ground Movement	PG&E is conducting an engineering review of 2,066 feet of pipe located in the rural area near Sherman Island Levee Rd and the Antioch Bridge on Sherman Island. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
70	131	151	37.89	38.49	3421	Potential for Ground Movement	Evaluate the potential replacement of 4,990 feet of pipeline between Ruby Hills to Foleys Crossover in Pleasanton and Sunol due to the potential for ground movement. This pipeline is located on the steep slopes over the Pigeon Pass near Hwy 84 south of Livermore.	Initiated
59	131	157.2	42.16	42.35	764	Potential for Ground Movement	Replace 1,350 feet of pipe at Calaveras Rd, Sunol due to the potential for ground movement. This segment of L131 is located on a steep 26% sloping hillside in the Sunol Valley immediately northeast of the Calaveras Fault and Road, just southeast of I-680. Construction is currently in progress.	Construction

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
31	131	165	46.96	48.23	6695	Potential for Ground Movement	In 2008 and 2009, PG&E engineers examined the preferred alternative of replacing this segment of pipe but were unable to engineer this solution due to the location of this segment. As a result, PG&E engineers currently plan to reduce the operating pressure on this segment and change the function from transmission to distribution. Due to the substantial reduction in operating pressure on this segment, other transmission enhancement work must first be completed to provide the capacity in the system that will be lost when this segment is converted to distribution. This enhancement work is scheduled for 2011 and the conversion to distribution of this segment is scheduled for 2012.	Initiated
12	131	167.9	48.94	49.36	2223	Potential for Ground Movement	In 2008 and 2009, PG&E engineers examined the preferred alternative of replacing this segment of pipe but were unable to engineer this solution due to the location of this segment. As a result, PG&E engineers currently plan to reduce the operating pressure on this segment and change the function from transmission to distribution. Due to the substantial reduction in operating pressure on this segment, other transmission enhancement work must first be completed to provide the capacity in the system that will be lost when this segment is converted to distribution. This enhancement work is scheduled for 2011 and the conversion to distribution of this segment is scheduled for 2012.	Initiated
22	131	169	49.38	50.46	5769	Potential for Ground Movement	In 2008 and 2009, PG&E engineers examined the preferred alternative of replacing this segment of pipe but were unable to engineer this solution due to the location of this segment. As a result, PG&E engineers currently plan to reduce the operating pressure on this segment and change the function from transmission to distribution. Due to the substantial reduction in operating pressure on this segment, other transmission enhancement work must first be completed to provide the capacity in the system that will be lost when this segment is converted to distribution. This enhancement work is scheduled for 2011 and the conversion to distribution of this segment is scheduled for 2012.	Initiated
26	132	106.7	1.35	1.87	2628	Potential for Ground Movement	Replace pipe at several locations and install other facilities in order to internally inspect L132 through the urban areas between Milpitas and Crystal Springs reservoir due to the potential for ground movement. Based on this inspection, PG&E will determine whether any repair or replacement action is warranted. The inspection work is scheduled to be completed in 2013.	Engineering
49	138	116	22.70	23.40	3383	Potential for Corrosion	An external corrosion survey was performed 2010.	Complete
16	138	130	38.43	38.58	819	Potential for Corrosion	External Corrosion Direct Assessment was performed on this segment in 2010.	Complete
20	138	130.11	38.59	38.59	3	Potential for Corrosion	External Corrosion Direct Assessment was performed on this segment in 2010.	Complete
18	138	145	48.29	48.64	1856	Potential for Corrosion	External Corrosion Direct Assessment was performed on this segment in 2010.	Complete
28	142S	114	7.30	8.70	7425	Potential for Corrosion	This segment was part of a 2011 In-Line Inspection assessment which is capable of detecting corrosion anomolies.	Complete
46	147	110.6	3.26	3.28	105	Physical Design and Characteristics	PG&E is conducting an engineering review of the design materials of 105 feet of pipe near Brittan Ave and El Camino Real in San Carlos. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
47	1509-04	106	0.78	0.88	531	Potential for Third-Party Damage	PG&E is conducting an engineering review of 531 feet of pipe through the suburban area near N Walton Ave and Bridge St in Yuba City for the potential for damage by third parties. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
36, 37	1509-05	120.1	6.23	6.28	287	Potential for Third-Party Damage	PG&E is conducting an engineering review of 1371 feet of pipe through the suburban Ave and Bridge St in Yuba City for the potential damage by third parties. Based on this review, PG&E will determine whether any repair or action is warranted.	Initiated
48	1509-05	120.2	6.28	6.29	4	Potential for Third-Party Damage	PG&E is conducting an engineering review of 1371 feet of pipe through the suburban Ave and Bridge St in Yuba City for the potential damage by third parties. Based on this review, PG&E will determine whether any repair or action is warranted.	Initiated
36, 37	1509-05	120.3	6.29	6.33	233	Potential for Third-Party Damage	PG&E is conducting an engineering review of 1371 feet of pipe through the suburban Ave and Bridge St in Yuba City for the potential damage by third parties. Based on this review, PG&E will determine whether any repair or action is warranted.	Initiated

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
40	1509-05	121	6.33	6.49	847	Potential for Third-Party Damage	PG&E is conducting an engineering review of 1371 feet of pipe through the suburban Ave and Bridge St in Yuba City for the potential damage by third parties. Based on this review, PG&E will determine whether any repair or action is warranted.	Initiated
38	173	102.1	1.01	1.11	500	Potential for Third-Party Damage	An engineering review of this 765 foot pipe segment near Hwy 65 and Washington Blvd in Roseville has been conducted to assess risk for potential Damage damage. One third party dig-in occurred nearby; however, that portion of the pipeline has since been sleeved. Most of the area has been developed and with completion of the Blue Oaks overpass, the risk of third party damage has been reduced and no further action is warranted.	Complete
29	173	102.6	1.45	1.50	265	Potential for Third-Party Damage	An engineering review of this 765 foot pipe segment near Hwy 65 and Washington Blvd in Roseville has been conducted to assess risk for potential Damage damage. One third party dig-in occurred nearby; however, that portion of the pipeline has since been sleeved. Most of the area has been developed and with completion of the Blue Oaks overpass, the risk of third party damage has been reduced and no further action is warranted.	Complete
5	1815-15	130.3	2.04	2.13	437	Overall	PG&E is conducting an engineering review of 437 feet of pipe through the suburban area near Hwy 68 and Aguajito Rd near Monterey. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
39	187	160	61.75	62.00	1320	Potential for Third-Party Damage	PG&E is conducting an engineering review of 1,320 feet of pipe through the rural area near Hwy 101 across from Hartnell Rd near Salinas for the potential for damage by third parties. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
57, 58	195A3-1	100	0.00	0.00	16	Potential for Third-Party Damage	PG&E has reduced the operating pressure and is continuing to conduct an engineering review on approximately 2,000 feet of pipe located underwater, crossing the Sacramento River at Isleton, for the potential for damage by third parties. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
57, 58	195A3-1	102	0.00	0.04	172	Potential for Third-Party Damage	PG&E has reduced the operating pressure and is continuing to conduct an engineering review on approximately 2,000 feet of pipe located underwater, crossing the Sacramento River at Isleton, for the potential for damage by third parties. Based on review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
42	195A3-1	102.1	0.04	0.17	697	Potential for Third-Party Damage	PG&E has reduced the operating pressure and is continuing to conduct an engineering review on approximately 2,000 feet of pipe located underwater, crossing the Sacramento River at Isleton, for the potential for damage by third parties. Based on review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
1	210A	117.5	18.73	18.86	1148	Overall	Install facilities to internally inspect L210A between Creed Station and Cordelia Station.	Complete
10	210A	118.1	18.97	19.47	4801	Overall	Install facilities to internally inspect L210A between Creed Station and Cordelia Station.	Complete
65	215	104	3.00	3.43	2270	Potential for Corrosion	PG&E is conducting an engineering review of 3,310 feet of pipe between Hwy 33 in Patterson and Hwy 99 in Turlock based on corrosion monitoring data from segments 122.3 and 123. Three areas around the pipe were dug up to permit physical examinations of the pipe. Engineering will continue to monitor these segments, but no further action is warranted at this time.	Monitoring
63, 64	215	122.3	19.46	19.48	122	Potential for Corrosion	PG&E is conducting an engineering review of 3,310 feet of pipe between Hwy 33 in Patterson and Hwy 99 in Turlock based on corrosion monitoring data from segments 122.3 and 123. Three areas around the pipe were dug up to permit physical examinations of the pipe. Engineering will continue to monitor these segments, but no further action is warranted at this time.	Monitoring
63, 64	215	123	19.56	19.74	918	Potential for Corrosion	PG&E is conducting an engineering review of 3,310 feet of pipe between Hwy 33 in Patterson and Hwy 99 in Turlock based on corrosion monitoring data from segments 122.3 and 123. Three areas around the pipe were dug up to permit physical examinations of the pipe. Engineering will continue to monitor these segments, but no further action is warranted at this time.	Monitoring

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
30	300A	240.3	277.85	278.01	846	Potential for Third-Party Damage	PG&E has conducted an engineering review of this 1,272 feet of pipe running through the suburban area between Buena Vista Rd and Pacheco Rd in Bakersfield to assess risk for potential third-party damage. One third-party dig-in occurred nearby. However, since then, these segments of pipe were relocated due to the widening of the road to Buena Vista Rd. and no further action is warranted.	Complete
32	300A	240.61	278.01	278.10	426	Potential for Third-Party Damage	PG&E has conducted an engineering review of this 1,272 feet of pipe running through the suburban area between Buena Vista Rd and Pacheco Rd in Bakersfield to assess risk for potential third-party damage. One third-party dig-in occurred nearby. However, since then, these segments of pipe were relocated due to the widening of the road to Buena Vista Rd. and no further action is warranted.	Complete
67, 68	300B	193	161.02	161.07	462	Physical Design and Characteristics	PG&E is conducting an engineering review of the design materials of 843 feet of pipe through the rural area. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
67, 68	300B	194	161.43	161.48	381	Physical Design and Characteristics	PG&E is conducting an engineering review of the design materials of 843 feet of pipe through the rural area. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
92	316A	111	0.61	0.78	922	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
94	316A	112	0.79	1.00	1138	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
86	316A	113	1.00	1.09	482	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
81	316A	115	1.19	1.23	216	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
78	316A	116	1.23	2.05	4278	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
93	316A	117	2.05	2.31	741	Potential for Corrosion	An engineering review of these five segments (7,777 feet) of pipe between Jersey Island Rd on Jersey Island and Taylor Rd on Bethel Island has been conducted. No further assessment or work is planned at this time.	Monitoring
6	DCUST1416	100	0.00	0.01	28	Potential for Ground Movement	PG&E is conducting an engineering review of 28 feet of pipe through the rural area near Fernbridge Dr and Depot St near Ferndale. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
11	DFDS3543	100	10.91	10.91	3	Overall	PG&E is conducting an engineering review of 3 feet of pipe near Redwood Blvd and Atherton Ave in Novato. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
7	DRIP7966	100	0.00	0.00	10	Potential for Ground Movement	PG&E is conducting an engineering potential for ground movement along 10 feet of pipe	Initiated
17	DRIP7971	651	0.00	0.00	10	Potential for Ground Movement	PG&E is conducting an engineering review of the potential for ground movement along 10 feet of pipe near Milpitas-Alviso Rd and Ranch Dr in Milpitas. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
14	0401-01	104.8	2.48	2.76	1492	Overall	PG&E is conducting an engineering review of 1887 feet of pipe through the suburban St near Albert Park Ln near review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
41	SP3	160.3	198.49	198.49	14	Potential for Ground Movement	Replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Construction is currently in progress.	Construction
50, 51, 52, 53	SP3	160.36	198.49	198.49	30	Potential for Ground Movement	Replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Construction is currently in progress.	Construction
50, 51, 52, 53	SP3	160.4	198.49	198.49	10	Potential for Ground Movement	Replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Construction is currently in progress.	Construction

TABLE 6-1
PACIFIC GAS AND ELECTRIC COMPANY
2009 TOP 100 RISK REPORT

RANK	ROUTE	SEGMENT_NO	MP1	MP2	FOOTAGE	FACTOR	ACTION	STATUS
50, 51, 52, 53	SP3	160.5	198.49	198.52	130	Potential for Ground Movement	Replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Construction is currently in progress.	Construction
50, 51, 52, 53	SP3	160.6	198.52	198.55	110	Potential for Ground Movement	Replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Construction is currently in progress.	Construction
83	SP4Z	112	7.45	7.82	2076	Physical Design and Characteristics	Evaluate the potential of removing 7,500 feet of 3 pipes crossing the San Joaquin River, underwater, near the Antioch Bridge due to the potential for ground movement.	Initiated
8, 9	X6337	100	10.84	10.84	30	Physical Design and Characteristics	PG&E is conducting a review of two 30-foot segments of pipe near Redwood Blvd and Atherton Ave in Novato to determine the construction history of these pipeline segments. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
8, 9	X6337	101	10.84	10.84	30	Physical Design and Characteristics	PG&E is conducting a review of two 30-foot segments of pipe near Redwood Blvd and Atherton Ave in Novato to determine the construction history of these pipeline segments. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
66	X6526	505	0.24	0.24	9	Physical Design and Characteristics	PG&E is conducting an engineering design materials of about 9 feet of pipe through the rural area. PG&E will determine whether any repair or replacement action is warranted.	Initiated
99	0401-01	104.8	2.40	2.48	1887	Overall	PG&E is conducting an engineering review of 1887 feet of pipe through the suburban St near Albert Park Ln near review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
45	0407-01	104.8	1.83	1.88	247	Physical Design and Characteristics	PG&E is conducting an engineering review of 247 feet of pipe near Foster Rd and Saint Francis Cir near Napa to determine if further action is needed.	Initiated
96	7221-15	101	0.04	1.31	6709	Physical Design and Characteristics	PG&E is scheduled to complete an engineering review of 6,709 feet of pipe along Dale Rd between Standiford Ave and Bangs Ave in Modesto in 2011, and currently plans to begin construction to replace this segment in 2013.	Initiated
98	DREG3875	101	0.00	0.00	285	Potential for Ground Movement	PG&E is conducting an engineering review of 285 feet of pipe near Redwood Blvd and Atherton Ave in Novato. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
100	STUB7912	551	0.04	0.04	2	Overall	PG&E is scheduled to complete an engineering review of 2 feet of pipe near Dale Rd and Bangs Ave in Modesto in January 2011. Based on this review, PG&E will determine whether any repair or replacement action is warranted.	Initiated
95	DREG4197	801	0.00	0.00	18	Physical Design and Characteristics	PG&E is scheduled to complete an engineering review of 18 feet of pipe near Dunbarton St. and Donahoe Ave in East Palo Alto by November 2011. Based on this review, PG&E will determine whether any repair or replacement is warranted.	Initiated

7. Most Recent Pipeline Inspection Plan, Progress, Methods, Locations, Results and Discrepancies With Prior Records

Request

The Safety Report must attach PG&E's most recent gas transmission pipeline inspection plan. If the gas transmission pipeline inspection report is unchanged from the prior Safety Report, PG&E may provide reference to the earlier gas transmission pipeline inspection report. PG&E must describe in the Safety Report the progress of performing those inspections, the results of the inspections, and the inspection method that is being used to examine each specific pipeline segment. PG&E must also provide a location description of the pipelines that have been or are planned to be inspected, and identify and describe any discrepancies with PG&E's pipeline records that are uncovered by the inspection.

Response

PG&E's Gas Transmission Pipeline Inspection Plan is shown in Table 7-1. The table shows the MWC that the inspection activity falls under, as well as the inspection method and a brief description. PG&E defined inspection plan activities as routinely scheduled field inspections where data collection is a primary part of the inspection. MAOP validation efforts, which focus primarily on records, do not meet these criteria for planned inspection. In the normal course of performing inspections, a corrective notification may be generated if there is an item which needs additional attention. A corrective notification is a form that is filled out and input into SAP which indicates some type of follow-up action is necessary based on the inspection. The form also contains the recommended timeline for follow-up action to be scheduled. These notifications are then scheduled and tracked to completion in SAP. The corrective notification may already be completed or could still be outstanding depending on what corrective action is needed and by when. Progress toward performing the inspections is shown under the "Units Planned" and 'Units Completed" columns. For Hydrostatic Testing and Integrity Management Assessments, completed mileage understates progress toward completion as many projects are well underway at mid-year. Planned units are expected to be complete by year end. A summary of the results of each inspection method is also included in Table 7-1. The details of the hydrostatic testing program may be found in Appendix A to this report

(Rulemaking 11-20-019 – dated February 24, 2011, Status of Hydrostatic Pressure Testing as of June 30, 2011).

TABLE 7-1
PACIFIC GAS AND ELECTRIC COMPANY
GAS TRANSMISSION PIPELINE INSPECTION PLAN

MWC / MAT	Inspection Method	Description	Total Units Planned (1/1/2011-12/31/2011)	Units Complete (1/1/2011-6/30/2011)	Results	Location
BX	Leak Survey	Gas Transmission leak survey is conducted either semi-annually, annually, or every 5 years depending on the type of the facility. Leak survey involves taking instrumented 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). The units are miles.	6,607 Miles	1,746 Miles	As a result of the transmission leak survey inspections during the first reporting period of 2011, 237 total leaks were found: 33 of Grade 1 leaks 61 of Grade 2 leaks 73 of Grade 2+ leaks 70 of Grade 3 leaks Source IGIS: Numbers for Grade Leaks represent Leaks Detected, not Repaired Source: 2011 Leak Survey Compliance Report --- Units (Miles) Planned and Completed	Leak Survey was performed system wide on gas transmission pipelines.
BX / BXA	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 Transmission rectifier reads are taken every other month (bi-monthly) and pipe-to-soils are required to be read, at a minimum, annually. The units are individual monitoring locations.	13,696	8,502	As a result of the transmission cathodic protection monitoring during the first reporting period of 2011, 479 of corrective trouble shooting notifications were issued.	CP Monitoring was performed system wide on gas transmission pipelines.
BX / BXH	District Regulator Maintenance	Gas Transmission 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 4 years. The units are regulator stations.	3,955	2,542	As a result of the transmission district regulator maintenance inspections during the first reporting period of 2011, 216 corrective notifications were issued.	District Regulator Maintenance was performed system wide on gas transmission pipelines.
BX / BXI	Valve Maintenance	Gas Transmission valve maintenance involves operating and inspecting the valve on an annual basis. The units are valves.	8,290	8,684	As a result of the valve maintenance inspections during the first reporting period of 2011, 231 corrective notifications were issued.	Valve Maintenance was performed system wide on gas transmission pipelines.

TABLE 7-1
PACIFIC GAS AND ELECTRIC COMPANY
GAS TRANSMISSION PIPELINE INSPECTION PLAN
(CONTINUED)

MWC / MAT	Inspection Method	Description	Total Units Planned (1/1/2011-12/31/2011)	Units Complete (1/1/2011-6/30/2011)	Results	Location
BX / BXE	Pipeline Patrol	Transmission pipeline patrols are conducted either an aerial survey or a ground patrol. These patrols are conducted either quarterly, semi-annually, or every three years depending on the type of facility.	1,317	702	As a result of the transmission pipeline patrols during the first reporting period of 2011, 6 locations were identified for follow-up.	Pipeline Patrol was performed system wide on gas transmission pipelines.
BX	Standby/Field Meets	Whenever excavation work is being performed on Gas Transmission facilities, a field meet with the contractor and a standby employee, present on sight while the pipeline is exposed, are both required. These inspections are performed on an "as-needed" frequency based on the location of excavation.	11,223	11,170	Out of all the Mark & Locate tags received in the first half of the reporting period, 1,073 required a field meet and/or standby.	Standby and Field Meets were performed system wide on gas transmission pipelines.
BX / BX3	Pipeline Hydrostatic Testing	The hydrostatic testing work involves three parallel efforts. Pressure tests are performed by filling the inside of the pipeline with water and carefully raising the pressure to a predetermined value and holding it for a period of time. The other work associated with the testing is pipeline replacement, where necessary, and the validation of records to prove a pipeline has had a prior hydrostatic test performed. The units are miles.	152 Miles	26.4 miles	During the first half of the reporting period, PG&E has completed hydrostatic tests for 12 test sections and replaced 1 test section, totaling 8.6 miles. In addition, complete strength test pressure records have been confirmed for 16 test sections, which represent over 17.8 miles. In total, 26.4 of the 152 transmission pipeline miles have been tested, replaced, or have had strength test pressure records confirmed.	Reference Appendix B from the June 30, 2011 Hydrostatic Test Report filing to the CPUC for the location of the tested, replaced, and validated pipeline segments.
BX	Video Inspections (Camera)	The camera inspections are internal inspections performed when the pipeline is depressurized. A high resolution camera is run along the inside of the pipeline recording video which is analyzed to inspect the condition of the long seam, girth welds, body of the pipe, and general conditions inside of the pipeline. The units are miles.	3 Miles	3 Miles	In conjunction with the hydrostatic testing, video inspection was performed on Line 132 from MP 40.77 to 43.61 during the reporting period. Due to season demands, formulating process and procedures, the remaining of the year will be focused on developing plans for video assessment efforts in 2012.	Line 132 MP 40.77 to 43.61
BX	Integrity Management Assessments	Integrity Management (IM) Assessments involve using one of the three federally approved methods to inspect a transmission pipeline segment in a High Consequence Area (HCA). These inspection methods include In-Line Inspection (ILI), Direct Assessment, and Pressure Testing. These inspections are typically done every 7 years, but sometimes they may be completed before 7 years. The units are miles.	155 Miles	24 Miles	During the first half of the reporting period, 50 total excavations were conducted as a result of the IM Inspections. Of those excavations, 8 resulted in a repair or replacement to the pipeline.	Integrity Management Assessments were performed on the following pipelines: Line 21E, 210A, 100, 177, 202, 111, 124, 310, 375, 307. Reference the 2010 Baseline Assessment Plan (BAP) attachments for the HCA segment location details.

Table 7-2 contains any discrepancies found as a result of the planned inspections during the reporting period. In the course of performing almost 20,000 facility inspections and 2,500 miles of pipeline survey, the following 21 items were discovered which require updates or corrections to the pipeline records. Although the MAOP validation digs do not meet the criteria of planned inspections, any discrepancies with pipeline records found in the course of the digs have also been included.

TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
INSPECTIONS RECORDS DISCREPANCIES REPORT
INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS

Date(s) of Inspection (Start - End)	Type of Inspection	Location of Inspection (Line, MP)	Discrepancy with Pipeline Record Found? (Yes/No)	If yes, with what document was discrepancy found	If Yes, Brief description of Discrepancy	
4/28/2011 to 5/10/2011	MAOP Validation Digs	X6428 MP 0.105	Yes	As-Built Drawing	Weld type: Pipe seam listed as "electric welded," confirmed as DSAW, verified wall thickness and angle of bends listed on documents	
4/28/2011 to 5/10/2011	MAOP Validation Digs	X6511 MP 0.089	Yes	As-Built Drawing	Wall thickness Reducer listed as 7/8" WT; field verified average wall thickness of 0.7325", testing confirmed weld met pressure requirements	
6/10/2011 to 6/15/2011	MAOP Validation Digs	300A MP 130.37	Yes	As-Built Drawing (Drawing #883103 Change 4)	Weld type: As-built's identified pipe as 34" Grade B seamless; confirmed as 34" DSAW	
6/24/2011 to 6/30/2011	MAOP Validation Digs	400-3 MP 297.4921	Yes	As-Built Drawing (Drawing #482977 s1)	Weld Type: Pipe listed as SMLS; testing confirmed as DSAW	
6/28/2011 to 7/5/2011	MAOP Validation Digs	114 MP 12.54	Yes	As-Built Drawing	Data added: No documentation on bends; confirmed values: WT - 0.313", SMYS - 50900, Seam - SSAW on bends; SMYS - 48200 on pipe	
6/29/2011 to 7/9/2011	MAOP Validation Digs	107 MP 36.21	Yes	As-Built Drawing	Data added: Pipe listed as Grade B, but could not validate MAOP with these specs; WT of bends not specified on as-built drawing, field verified pipe grade to be at least X42; bends confirmed as minimum WT of 0.43";	
2/24/2011	ILI Validation Digs	100 MP 139.03	Yes	As-Built Drawing, 383626	Weld Type: Pipe shown as 20" OD x 0.3125" WT, Grade B SMLS on design drawing but confirmed to be same diameter and WT in field, however seam type confirmed by ATS to be SSAW.	
2/28/2011	ILI Validation Digs	100 MP 149.02	Yes	As-Built Drawing, 383626	Weld Type: Pipe shown as 20" OD x 0.3125" WT, Grade B SMLS on design drawing but confirmed to be same diameter and WT in field, however seam type confirmed by ATS to be SSAW.	
4/25/11 to 4/27/2011	Annubar Valve	Tionesta Compr station	Yes	Pipeline drawings - valve designation	Valve Specification: Print indicated 600 series, actual 300 series	

TABLE 7-2
PACIFIC GAS AND ELECTRIC COMPANY
INSPECTIONS RECORDS DISCREPANCIES REPORT
INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS
(CONTINUED)

Date(s) of Inspection (Start - End)	Type of Inspection	Location of Inspection (Line, MP)	Discrepancy with Pipeline Record Found? (Yes/No)	If yes, with what document was discrepancy found	If Yes, Brief description of Discrepancy
5/9/2011	Hydrotest40/41	Line 132A, MP 1.453	Yes	GIS	Wall Thickness: When cutting into the station piping it was determined that the pipe was actually .500" WT and not .281 as GIS indicates
5/25/2011	Hydrotest23	Line 131, MP 57.46	Yes	GIS	Wall Thickness: GIS indicated 34" OD, 0.375" WT, X-52, DSAW. Actual: 34", 0.500" Wt, X-60, DSAW
6/4/2011	Hydrotest2	Line 101, MP 0.67	Yes	GIS	Location: Calpine/Los Esteros Power Plant Tap on Wrong Location on GIS. The Tap is 80' From Meter/Valves Data Added: Abandoned Caped 3" Valve Located in Fill zone of N. First Street
6/4/2011	Hydrotest2 ydrotest3	Line 101, MP 2.22 Line 101, MP 3.21	Yes	GIS GIS	Data Added: Line not shown on GIS Overcrossing of HWY 237, not mapped on GIS. Tap on Transmission Plat (38540 sheet 5)
6/19/2011	Hydrotest25A	Line 132, MP 3.31	Yes	GIS	Wall Thickness: GIS indicated 24" OD, 0.281" WT, 40000 SMYS, SMLS. Actual: 24", 0.375" Wt, GRB, SMLS
6/7/2011	H				
6/29/2011	Hydrotest45	Line 153, MP 9.2	Yes	GIS	Pipe Size: GIS: indicated 24" OD, 0.375" WT, X-52. Actual: 30" OD WT X-60
7/9/2011	Hydrotest46	Line 153, MP 13.61	Yes	GIS	Pipe Size: GIS: indicated 24" OD, 0.375" WT, X-53, Actual 30" OD, 0.375 WT X-61
6/26/2011	Hydrotest62	Line 300A, MP 345.1099	Yes	GIS	Location: Pipe line footage from mainline valve to Spar on GIS differs by 118' from the measuring tool and from land survey done by Guide Survey.
6/24/2011	Hydrotest63	Line 300A, MP 353.6799	Yes	GIS	Location: Road 34 1/2 Ave is on the wrong side of the Ravine/Drainage and does not run through the middle of Kettleman Station as shown.
7/22/2011	Hydrotest84	Line 300B, MP 345.01	Yes	GIS	Data Added: Valve 345.01A is not shown on GIS

8. Status of Compliance With Federal Code on Pipeline Integrity Management

Request

PG&E must provide in each Safety Report the status of PG&E's compliance with Title 49 of the Code of Federal Regulations, Part 192, Subpart O – Pipeline Integrity Management.

Response

Per the requirements of 192.907, PG&E developed a written Transmission Integrity Management Plan (TIMP) on December 9, 2004. See Appendix B to this report (Risk Management Procedure (RMP-06, Revision 0, 12/9/04)) for PG&E's 2004 plan. Over the course of the program, PG&E has issued seven subsequent revisions, and the most current version of the written plan is included in Appendix C to this report (Risk Management Procedure (RMP-06, Revision 6, 4/4/11)).

In accordance with PG&E's written TIMP, a 2004 Baseline Assessment Plan (BAP) (Appendices D and E to this report) was also completed which contained all transmission pipeline segments that PG&E initially identified as HCAs. These HCA segments are subject to the requirements of Title 49 of the Code of Federal Regulations, Part 192 Subpart O – Pipeline Integrity Management.

The initial 2004 BAP contained 975 miles of HCAs. Based on the current 2010 BAP (Appendices F and G to this report), PG&E has identified 1,059 miles of HCAs. The increase in HCA mileage from 2004 to 2010 is primarily due to new construction around the pipeline, changes in identified sites, and updates to pipeline characteristic when pipeline is replaced or new data become available. These changes are identified through the annual HCA analysis. The BAP is updated annually with the latest results of PG&E's HCA analysis.

Per the requirements of 192.907(d) PG&E assessed 509 miles, or 56 percent, of the 2004 BAP as of December 17, 2007. Also, as of June 30, 2011, PG&E was 88 percent complete with the 2004 BAP and Stanpac was 99 percent complete with the 2004 BAP. PG&E is on track to complete all 2004 BAP integrity management assessments by December 17, 2012.

Per the requirements of 192.945(a) PG&E has submitted the required semi-annual (now annual) reports to the Office of Pipeline Safety since August 2004. These reports are included in Appendices H and I to this report.