# ATTACHMENT A

## "SED Directive"

**Letter from Kenneth Bruno, Program Manager – Gas Safety and Reliability Branch, Safety And Enforcement Division, California Public Utilities Commission to Sumeet Singh, Vice President, Gas Asset and Risk Management, Pacific Gas And Electric Company**

**Dated November 5, 2015**

STATE OF CALIFORNIA EDMUND G. BROWN JR., *Governor*

PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

November 5, 2015

Mr. Sumeet Singh, Vice President
Pacific Gas and Electric Company
Gas Asset and Risk Management
6111 Bollinger Canyon Road, Room 4590-D
San Ramon, CA 94583

Re: Safety and Enforcement Division Directive to Correct PG&E's Annual Reports in compliance with 49 CFR §191.17

Dear Mr. Singh:

Safety and Enforcement Division (SED) directs Pacific Gas and Electric Company (PG&E) to correct its Annual Reports filed with the California Public Utilities Commission (CPUC or Commission) and the Department of Transportation (DOT). Please see, for example, PHMSA Form 7100.2-1, included in PG&E's GT&S Safety Report No. 2015-01 for the reporting period January 2- June 30, 2015, dated September 1, 2015, Appendix C, page C-9.

## Discussion

PG&E is currently reporting to both this Commission and DOT's Pipeline and Hazardous Materials Safety Administration (PHMSA) that all of its pipeline transmission system has its Maximum Allowable Operating Pressure (MAOP) established under Title 49, Code of Federal Regulations (49 CFR) § 192.619(a). SED believes that this is not possible, given PG&E's admissions that it lacks records for a significant portion of its natural gas transmission system. PG&E's current reports also fail to identify where records are missing, as is required on PHMSA Form 7100.2-1.

## Background

- In order for PG&E to operate a transmission line or segment with an MAOP established under 49 CFR § 192.619(a), the MAOP of that line or segment must not exceed the lower of the design pressure provided in 49 CFR § 192.619(a)(1), and test pressure provided in 49 CFR § 192.619(a)(2).

- In order to determine the design MAOP required by 49 CFR § 192.619(a)(1), PG&E must have each kind of record that is provided by 49 CFR § 192.105 in traceable, verifiable, and complete fashion.
- SED held a MAOP workshop with PHMSA in May 2015. Representatives from PHMSA, including a PHMSA attorney, clearly stated that if an operator does not have complete records to ascertain all elements of 49 CFR § 192.619(a) then the operator cannot calculate MAOP under49 CFR § 192.619(a). However the operator can operate a pipeline segment installed before July 1, 1970 under 49 CFR § 192.619(c) at the highest actual operating pressure to which the segment was subjected between 1965 and 1970 if it can produce a complete operating pressure record showing that actual operating pressure during that time.

**SED Conclusion**

Starting with its 2014 Annual Report that filed with PHMSA (2014 Report), PG&E must reclassify its entire transmission system in its Annual Reports and any other information provided to the Commission so that they accurately report which regulatory requirement(s) apply to each segment of its transmission system in order to establish MAOP for that segment. PG&E shall also review the 2014 Report and correct any other errors it identifies, including, without limitation, correcting its representations regarding missing records. Corrections to the PHMSA form shall be reported to PHMSA as well.

PG&E shall comply with this directive no later than December 31, 2015. PG&E should update its semi-annual reports to the CPUC, its annual report to PHMSA, and send the updated semi-annual report to the service lists in GT&S and R.11-02-019.

SED will continue to monitor PG&E for MAOP code compliance in our ongoing safety assurance activities, and SED retains its discretion to pursue appropriate enforcement actions against PG&E regarding this or related violations. Please feel free to contact me with any questions.

Sincerely,

Kenneth A. Bruno

Kenneth Bruno
Program Manager - Gas Safety and Reliability Branch
Safety and Enforcement Division - CPUC

# ATTACHMENT B

## Pacific Gas And Electric Company's Gas Transmission And Safety Report Submitted To The Service List Of A.13-12-012 On September 1, 2015 Pursuant To D.11-04-031

## Including PG&E's 2014 Annual Report (PHMSA Form 7100.2-1) Submitted to PHMSA on March 13, 2015

# PACIFIC GAS AND ELECTRIC COMPANY

# GAS TRANSMISSION AND STORAGE SAFETY REPORT

## NO. 2015-01

**REPORTING PERIOD**
**JANUARY 1 – JUNE 30, 2015**

**IN COMPLIANCE WITH CPUC DECISION 11-04-031**

**SUBMITTED SEPTEMBER 1, 2015**

PACIFIC GAS AND ELECTRIC COMPANY
GAS TRANSMISSION AND STORAGE SAFETY REPORT
NO. 2015-01
REPORTING PERIOD
JANUARY 1 – JUNE 30, 2015
IN COMPLIANCE WITH CPUC DECISION 11-04-031
SUBMITTED SEPTEMBER 1, 2015

TABLE OF CONTENTS


Introduction and Background ..... 1

Pipeline Safety Enhancement Plan ..... 2

Summary ..... 2

Capital ..... 2

Expense ..... 2

1. Explanation for Ranking Gas Transmission Pipeline, Storage, Safety, Integrity, Inspection, Reliability and Operations and Maintenance Projects ..... 4

Budgeting and Spending ..... 5

2. Explanation of Funds Budgeted and Spent for Each Major Work Category ..... 5

3. Scheduling Project Capital and O&M Costs Exceeding $250,000, Including Whether Costs Were Included in Previous Rate Cases ..... 10

4. For Projects Exceeding $250,000, Status and Amounts Spent During Reporting Period, Calendar Year and Total Amounts Spent, and Reprioritization if Any ..... 50

5. Explanation of Any Variances for Budgeted Capital and Expense ..... 53

Risk and Integrity Management ..... 55

6. Current Status of Legacy Top 100 ..... 55

7. Most Recent Pipeline Inspection Plan, Progress, Methods, Locations, Results and Discrepancies With Prior Records ..... 73

8. Status of Compliance With Federal Code on Pipeline Integrity Management ..... 85

PACIFIC GAS AND ELECTRIC COMPANY
GAS TRANSMISSION AND STORAGE SAFETY REPORT
NO. 2015-01
REPORTING PERIOD
JANUARY 1 – JUNE 30, 2015
IN COMPLIANCE WITH CPUC DECISION 11-04-031
SUBMITTED SEPTEMBER 1, 2015

TABLE OF CONTENTS
(CONTINUED)

APPENDICES


A. Pipeline Safety Enhancement Plan Project Status Summary – Completed, Under Construction, Yet to Start Construction – Report Covering January 1, 2015 – June 30, 2015
B. Pipeline Safety Enhancement Plan Costs – from inception to date
C. Pipeline and Hazardous Materials Safety Administration Form 7100.2-1, Annual Report for Calendar Year 2014 Natural or Other Gas Transmission and Gathering Systems – Pacific Gas and Electric Company (March 13, 2015)
D. Pipeline and Hazardous Materials Safety Administration Form 7100.2-1, Annual Report for Calendar Year 2014 Natural or Other Gas Transmission and Gathering Systems – Standard Pacific Gas Line, Inc. (March 13, 2015)

# PACIFIC GAS AND ELECTRIC COMPANY
# GAS TRANSMISSION AND STORAGE SAFETY REPORT
# NO. 2015-01
# REPORTING PERIOD
# JANUARY 1 – JUNE 30, 2015
# IN COMPLIANCE WITH CPUC DECISION 11-04-031
# SUBMITTED SEPTEMBER 1, 2015

**Introduction and Background**

This Gas Transmission and Storage (GT&S) Safety Report is submitted 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 GT&S Rate Case, which approved 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" (GT&S Safety Report) containing information provided in Appendix C of the decision. This safety report (GT&S Safety Report No. 2015-01) reflects the reporting period of January 1 through June 30, 2015, and is being served on the directors of the Commission's Safety and Enforcement Division (SED), the Energy Division, the service list in the 2011 GT&S Rate Case proceeding (A.09-09-013), and the service list in the 2015 GT&S Rate Case proceeding (A.13-12-012).

In OP 6 of Decision 11-04-031, the Commission directed the SED to review the GT&S 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 implemented, and to track whether PG&E is spending its allocated funds on storage and pipeline related safety, reliability, and integrity activities. The Energy Division will provide assistance to the SED to review and monitor the reports. The SED was ordered to immediately bring to the Commission's attention any detected problems with PG&E's prioritization or administration of its Gas Transmission (GT) capital and operations and maintenance (O&M) activities.

GT&S Safety Report No. 2015-01 is separated into the eight specific requirements listed in Appendix C of Decision 11-04-031. The introduction of each section of this report quotes the requirement from Appendix C.

PG&E's 2015 GT&S Application (A.13-12-012) is currently pending before the Commission. Consequently, revenue requirements for the period 2015-2017 or recommendations to improve the existing semi-annual report format have not yet been adopted by the Commission. Until a final decision is adopted by the Commission, PG&E will continue to use the current report format.

**Pipeline Safety Enhancement Plan**

Decision 12-12-030, issued December 28, 2012, approved Phase 1 of PG&E's Pipeline Safety Enhancement Plan (PSEP). OP 10 of Decision 12-12-030 required PG&E to submit quarterly compliance reports on PSEP activities through the end of Phase 1 (2014). Consistent with prior GT&S semi-annual reports, PG&E continues to include PSEP activities through June 30, 2015 in this report. PG&E has included in Appendix A an updated list of PSEP projects that were completed in the reporting period, under construction or yet to begin construction. Included in Appendix B is a table that provides PSEP costs from inception to date broken down by month and by activity.

**Summary**

In total, PG&E budgeted over $1.1 billion in capital expenditures and expenses for GT&S as of January 1, 2015.

**Capital**

As of June 30, 2015, PG&E expects to spend $582.1 million in total for 2015 for GT Capital Major Work Categories (MWC) (not including the Adder and StanPac Projects of $15.4 million). The total actual capital spend through June 30, 2015 was $251.1 million: $248.7 million for safety and reliability related capital and $2.4 million for Adder and StanPac projects. The Adder projects are only included in rates after becoming operational. See Table 1 below for a summary of the capital costs described above. See Table 2-1 on page 8 for further details.

**Expense**

As of June 30, 2015, PG&E expects to spend $566.9 million for GT Expense MWCs in 2015, not including the $2.7 million for StanPac projects. The total actual spend through June 30, 2015 for GT expense was $200.2 million: $198.8 million for safety and reliability related expense and $1.4 million for StanPac. See Table 1 below for a summary of the expense costs described above. See Table 2-2 on page 9 for further details.

**TABLE 1**
**2015 GAS STORAGE, PIPELINE SAFETY, INTEGRITY AND RELIABILITY PROJECTS**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**(IN MILLIONS OF 2015 DOLLARS)**

| Line No. | Costs(a) | Annual Budget 1/1/15 | Annual Budget 6/30/15 | Actual 1/1-6/30 | 2015 CPUC Authorized |
|---|---|---|---|---|---|
| 1 | Capital | 541.4 | 582.1 | 248.7 | N/A |
| 2 | Expense | 597.9 | 566.9 | 198.8 | N/A |

(a) Excluding StanPac and Adder Projects.

For the period January 1 to June 30, 2015, PG&E has completed O&M activities including 66,412 cumulative miles of pipeline inspections, and 13,729 facility inspections. The pipeline inspection activities include 5,974.1 miles of pipeline leak surveys, 60,341 miles of pipeline patrols, 44.2 miles of pipeline hydrostatic testing work (which includes 18.9 miles of validated records for prior hydrostatic testing in the first half of 2015), and 53 miles of integrity management assessments. The facility inspection activities include 6,955 Cathodic Protection (CP) reads, and maintenance and inspection performed on 1,243 district regulator stations and 5,531 valves. In addition, PG&E standby personnel were sent out to 1,094 sites to ensure pipeline safety where third parties were performing excavation work. See Table 7-1, Gas Transmission Pipeline Inspection Plan, for more details on the work described above for the current reporting period.

This report also includes detailed information on over 936 capital projects and work activities and over 851 expense projects and work activities, as shown in Table 3-1.

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

*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**

Strategic Planning

Similar to the planning process followed for 2014 described in GT&S Safety Report No. 2014-02, PG&E established plans and budgets for 2015-2020 GT capital expenditures and expenses as part of its Integrated Planning Process. Please refer to the GT&S Safety Report No. 2014-2 for details of the planning process.

Reprioritization Due to Delay in 2015 GT&S Rate Case Decision

In November 2014, Gas Transmission re-prioritized the investment portfolio due to the delay in the 2015 GT&S rate case proceeding. The result was a portfolio that facilitated flexibility of execution by including more design and engineering work in 2015 versus planned construction, while including execution of all mandatory work to ensure compliance requirements are met. This enables PG&E flexibility to execute on the portfolio of work in accordance with the Commission's decision on PG&E's 2015 GT&S rate case. Although a reduction in 2015 construction has occurred, efforts to increase engineering work activities will allow PG&E to scale work execution based on the rate case decision.

In re-planning the portfolio, the GT organization utilized the same framework outlined in previous GT&S Safety Reports[1] to reallocate funding for projects based on risk. The outcome of the re-planning effort was reviewed with and approved by senior Gas Operations leadership during the Finance and IT Governance meeting, and changes to the original plan were recorded in SAP.

---

1 http://pgera.azurewebsites.net/Regulation/search?CaseID=882.

## Budgeting and Spending

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

*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 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 2015 amounts budgeted and spent under the capital and expense MWCs related to GT system safety, integrity, and reliability are displayed under Tables 2-1 and 2-2. PG&E has added MWCs since GT&S Safety Report No. 2014-02 was published. Refer to Figure 2-1 which summarizes the additions.

**FIGURE 2-1**
**2015 GAS STORAGE, PIPELINE SAFETY, INTEGRITY AND RELIABILITY**
**MWC REDESIGN**

| As of December 2014 | | As of June 2015 | |
|---|---|---|---|
| **Expense MWCs** | | | |
| BX | GT Maintenace [1] | | No longer Used |
| CM | GT Operate System | CM | GT Operate System |
| DF | Locate and Mark | DF | Locate and Mark |
| HP | GT Integrity Management (Bal Acct) [2] | HP | GT Integrity Management (Bal Acct) |
| | | GJ | GT Mitigate Corrosion |
| II | GT Integrity Management | II | GT Integrity Management |
| JO | GT Pipeline Maintenance | JO | GT Pipeline Maintenance |
| JP | GT Station Maintenance | JP | GT Station Maintenance |
| JT | GT Reliability & General Maint | JT | GT Reliability & General Maint |
| KE | Pipeline Safety Enhance Plan | KE | Pipeline Safety Enhance Plan |
| KF | GT&D Impl Regulatory Change | KF | GT&D Impl Regulatory Change |
| 34 | StanPac Expense | 34 | StanPac Expense |
| **Capital MWCs** | | | |
| 2H | Pipeline Safety Enhance Plan | 2H | Pipeline Safety Enhance Plan |
| 2J | GT&D Impl Regulatory Change | 2J | GT&D Impl Regulatory Change |
| 44 | StanPac Capital | 44 | StanPac Capital |
| 73 | GT Pipeline Capacity | 73 | GT Pipeline Capacity |
| 75 | GT Pipeline Reliability [3] | 75 | GT Pipeline Reliability |
| | | 3K | GT Remediate Corrosion |
| 76 | GT Station Reliability [4] | 76 | GT Station Reliability |
| | | 3L | GT Storage Wells |
| 84 | GT Gas Gathering System Manage | 84 | GT Gas Gathering System Manage |
| 98 | GT Integrity Management | 98 | GT Integrity Management |

**Footnotes**

[1] MWC BX split into MWCs JO, JP, and JT
[2] MWC HP corrosion work now recorded in new MWC GJ
[3] MWC 75 corrosion work now recorded in new MWC 3K
[4] MWC 76 storage well work now recorded in new MWC 3L

Budgets are approved by management on an annual basis in the fourth quarter of the previous year and updated as needed throughout the year. PG&E's initial 2015 budget for GT Capital MWCs (excluding the Adder and StanPac Projects of $15.4 million) was $541.4 million. PG&E's adjusted budget on June 30, 2015 (excluding the Adder and StanPac Projects of $15.4 million) was $582.1 million. The adjustments to the budget were due to modifications to the 2015 Plan based on new information, identification of emergent work, changes in cost estimates, and/or changes in execution schedules. The GT organization utilized the framework outlined in Section 1 of the previous GT&S

Safety Report No. 2014-02 and completed a risk-based reallocation of funding earlier in the year.

PG&E's initial 2015 budget for GT Expense MWCs, excluding $2.7 million for StanPac projects, was $597.9 million. PG&E's adjusted budget on June 30, 2015, excluding $2.7 million for StanPac projects, was $566.9 million. The adjustments to the budget were based on changes to the 2015 Plan. Similar to capital work, the GT organization modified its expense budget to incorporate new information, identified emergent work, updated cost estimates and/or execution schedules.

Although less than 50 percent of the amounts budgeted for 2015 have been spent during the first six months of the year, the full amounts budgeted are expected to be spent by year end.

The following MWCs are excluded from this report, consistent with prior GT&S Safety Reports:

- Capital: 5 (Tools & Equipment), 12 (Implement Environment Projects),
- 26 (GT Customer Connects), 78 (Manage Buildings), 83 (GT Work Required by Others (WRO)), 2F (Build IT Applications and Infrastructure).
- Expense: AK (Manage Environmental Operations), AY (Habitat & Species Protection), CR (Manage Waste Disposal & Transportation), CX (Gas Transmission Marketing, Sales & Strategy), GZ (Research and Development Non-Balancing Account), GM (Manage Energy Efficiency-Non-BA), JV (Maintain IT Applications and Infrastructure), AB (Miscellaneous Expense), DN (Develop and Provide Training).

## TABLE 2-1
## 2015 GAS STORAGE, PIPELINE SAFETY, INTEGRITY AND RELIABILITY PROJECTS CAPITAL BUDGET BY MWC
## REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015
## (IN THOUSANDS OF 2015 DOLLARS)

| MWC | MWC Description | Annual Budget As of 1/1 [1] | Annual Budget As of 6/30 [1] | Actual Spend 1/1 - 6/30 | CPUC Adopted Amount |
|---|---|---|---|---|---|
| 73 | GT Pipeline Capacity | 31,425 | 33,415 | 6,150 | N/A |
| 75 | GT Pipeline Reliability | 203,039 | 236,131 | 79,788 | N/A |
| 76 | GT Station Reliability | 76,884 | 79,366 | 33,403 | N/A |
| 84 | GT Gas Gathering System Manage | 258 | 643 | 392 | N/A |
| 98 | GT Integrity Management | 86,398 | 88,826 | 32,948 | N/A |
| 2H | GT PL Safety Enhance Plan- Cap | 96,500 | 96,500 | 74,144 | N/A |
| 3K | Gas Trans Remediate Corrosion[2] | 44,382 | 44,382 | 19,451 | N/A |
| 3L | Gas Trans Storage Wells[3] | 2,525 | 2,820 | 2,315 | N/A |
| 2J | GT&D Impl Regulatory Change | 0 | 0 | 78 | N/A |
| **Gas Transmission Capital** | | **541,411** | **582,083** | **248,669** | **-** |
| **Gas Transmission Adder Projects [1]** | | | | | |
| 73 | GT Pipeline Capacity | 10,052 | 10,052 | 1,991 | N/A |
| **StanPac** | | | | | |
| 44 | Gas Capital:GasTrans-Subsidiary | 5,328 | 5,328 | 450 | N/A |
| **Gas Transmission Capital- Including Adder Projects and StanPac** | | **556,791** | **597,463** | **251,109** | **-** |

**Footnotes:**

[1] There were several projects that were designated as "Adder" projects for the Gas Accord V period, in Section 7.4 of the Gas Accord V Settlement.

[2] MWC 3K is new in 2015. Corrosion related work within MWC 75 has been separated into a second MWC to promote greater visibilty.

[3] MWC 3L is new in 2015. Corrosion related work within MWC 76 has been separated into a second MWC to promote greater visibilty.

## TABLE 2-2
## 2015 GAS STORAGE, PIPELINE SAFETY, INTEGRITY AND RELIABILITY O&M ACTIVITIES BUDGET BY MWC
## REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015
## (IN THOUSANDS OF 2015 DOLLARS)

| MWC | MWC Description | Annual Budget As of 1/1 [1] | Annual Budget As of 6/30 [1] | Actual Spend 1/1 - 6/30 | Adopted CPUC Amount |
|---|---|---|---|---|---|
| JO | GT Pipeline Maintenance | 37,621 | 37,621 | 15,531 | N/A |
| JP | GT Station Maintenance | 24,691 | 24,691 | 12,891 | N/A |
| JT | GT Reliability & General Maint | 247,393 | 247,393 | 73,450 | N/A |
| CM | GT Operate System | 21,132 | 19,632 | 8,640 | N/A |
| KE | GT PL Safety Enhance Plan-Exp | 21,598 | 10,000 | 9,178 | N/A |
| KF | GT&D Impl Regulatory Change | - | - | 9 | N/A |
| DF | G&E T&D Locate & Mark | 7,833 | 7,833 | 3,682 | N/A |
| GJ | Gas Transmission Mitigate Corr[1] | 53,815 | 35,903 | 6,158 | N/A |
| II / HP | GT Integrity Management [2] | 183,840 | 183,840 | 69,215 | N/A |
| **Gas Transmission Expense** | | **597,922** | **566,912** | **198,754** | **-** |
| **StanPac** | | | | | |
| 34 | Maintain Gas Trans-Subsidiary | 2,672 | 2,672 | 1,416 | N/A |
| **Gas Transmission Expense- Including StanPac** | | **600,594** | **569,584** | **200,170** | **-** |

**Footnotes:**

[1] MWC GJ is new in 2015. Budget and Actual values reflect Transmission only.
Corrosion mitigation work within MWC HP has been separated into a second MWC to promote greater visibilty.

[2] Gas Transmission Integrity Management expenses are recorded in MWC 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 in Gas Accord V. PG&E will continue to spend under both MWCs until a final decision is reached with the 2015 GT&S rate case and cost treatment of Integrity Management program for 2015-2017 is finalized.

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

*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 (NTSB). 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 shows the data requested in Sections 3 and 4. Table 3-1 includes each gas storage project, pipeline safety, integrity, and reliability capital project and the pipeline integrity O&M work activities with a project or work activity cost exceeding $250,000.

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.
3. GT orders with actual recorded costs or previously forecasted costs between January 1, 2015, and June 30, 2015.

A description of the table columns and the data they contain follows:

- Column B – This column identifies if project is Capital or Expense.
- Column C – This column identifies if the project is driven by PSEP (Phase 1) projects.
- Column D – This column identifies if the project was included in previous GT&S Safety Reports.

- Column E – This column lists Project Status Reporting System (PSRS) ID number. A PSRS ID number is a unique number given to a project in PSRS and can be used to track a project from one report to the next.
- Column F – This column lists the Order Number/Planning Order Number. GT uses SAP planning orders to track project budget and the actual dollars that are charged to an actual order (Order/Planning Order Number). An SAP Order number is created and linked to the PSRS ID as soon as the Project Manager receives the appropriate project approval.
- Column G and H – This column lists the MWC and description.
- Column I and J – This column lists the Maintenance Activity Type (MAT) code and MAT code description. These include information about the type of work each project is completing.
- Column K – This column lists the Planning Order Group. The Planning Order Group is a subset grouping below the MAT designation.
- Column L – This column includes the Project Name or Work Category. This is additional project specific information that was entered into SAP by Program Managers.
- Column M – This column lists the description of the work performed in the reporting period or states if the project has been cancelled. The work performed falls into one of the following categories: estimating, engineering/permitting, construction, or close-out.
- Column N – Includes the Order Start date. This column shows the Order Begin date in PSRS. This is the first date that a project is entered into PSRS.
- Column O – This column lists the actual start date for construction or forecasted construction date if construction has yet to begin.
- Column P – This column indicates the project construction completion date or the forecasted completion date if the project is not yet complete. In some instances, the completion date reflects projects for which construction is complete and the asset has been placed into service, but additional job close out activities are still in progress.
- Column Q – This column lists the operative date for each project.
- Column R – This column lists if the project starts within the reporting period.
- Column S – This column indicates if a project is underway in the reporting period. A project is considered underway if activities performed fall under

planning, estimating, engineering/design, and/or construction during the reporting period.

- Column T – This column indicates if the project was completed in the reporting period.
- Columns U and V – These columns list the amount spent in the reporting period and the total amount spent since inception for each project. Year-to-date actuals may have negative dollars, which may be driven by over accruals, journal entry adjustments, corrections to erroneous charges and customer reimbursements.
- Column W – This column lists the total forecast project cost as of the end of the reporting period.
- Column X – This column identifies whether projects were included in the Risk Management Legacy Top 100 reports[2] from 2007, 2008 or 2009 for each project or work activity. The number in parenthesis indicates the ranking the project had in the 2009 Legacy Top 100 Report, included in Table 6-1 of this GT&S Safety Report.
- Column Y – This column indicates if a project is determined to be in a High Consequence Area (HCA). This is not applicable to expense projects.
- Column Z – This column identifies projects that were included in past GT&S Rate Case or PSEP capital workpapers.[3] The number in parentheses is the workpaper page number where these projects can be found in the relevant prior proceeding. The references to the applicable GT&S Rate Case and PSEP capital workpapers are as follows:
  - 2004 – GAII, Chapter 10, Amended (A.01-10-011)
  - 2005 – GAIII, Chapter 4, (A.04-03-021)
  - 2008 – GAIV, Workpapers Supporting Capital Expenditures (A.07-03-012)
  - 2011 – GAV, Updated Workpapers Supporting Chapter 6, Capital Expenditures (A.09-09-013)

---

2 PG&E stopped using the Legacy Top 100 Report to analyze risk or prioritize work after 2009. For this column, PG&E indicated if any project was included in the 2007, 2008 or 2009 Legacy Top 100 Report.

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

- 2011 – PSEP, Workpapers Supporting the Following Chapters (R.11-02-019):
  - Chapter 3, Pipeline Modernization Program
  - Chapter 4, Valve Automation Program
  - Chapter 5, Pipeline Records Integration Program

- Column AA – This column identifies capital projects that were undertaken in response to a federal and/or Commission requirement or advisory and/or a recommendation of the NTSB.[4]
- Column AB – This column identifies the location of the project by district, division and county.

Regarding Column AA, 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, and 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 MWCs included 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 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.[5]

---

4 PG&E interprets 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, PG&E also included the CPUC ordered leak survey expense work.

5 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.

TABLE 5-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP State | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Ranks (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case (Case Year or Blank)? | Government Requirement Recommendation (Y/N/ N/A) | District/Division/County |
| 1 | Capital | PSEP | Y | [illegible] | F.03741 | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-109_1 REPL [illegible] MP [illegible] WSS | Close-Out | 1/1/2000 | 7/18/2012 | 3/13/2013 | 12/12/2012 | N | N | N | -15,613 | 52,563,050 | 52,539,384 | | N/A | 2011P | Y | Local Trans-south-San Jose-Santa Clara County |
| 2 | Capital | PSEP | Y | 23376 | F.03072 | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | Valve Auto - Phase 1 | Close-Out | [illegible]/2011 | 6/1/2011 | 3/17/2012 | 3/17/2012 | N | N | N | | 15,436,003 | 15,436,003 | | N/A | 2011P | Y | Local Trans-south-Peninsula-San Mateo County |
| 3 | Capital | PSEP | Y | 23617 | [illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | "CANC" [illegible] REPL [illegible] MP [illegible] P | Close-Out | 3/1/2011 | 11/1/2011 | 12/31/2014 | 12/31/2014 | N | N | N | | | | | Y | 2011P | Y | Local Trans-south-Peninsula-Contra Costa County |
| 4 | Capital | PSEP | Y | 23651 | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - WALNUT AVE PH. 1 | Close-Out | 5/24/2011 | 8/3/2013 | 12/15/2013 | 12/11/2013 | N | N | N | 1,[illegible] | 1,691,319 | 1,691,319 | | N/A | 2011P | Y | Local Trans-north-Diablo-Contra Costa County |
| 5 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - FOLEY & RANCH CROSSOVER PH1 | Close-Out | 5/24/2011 | 7/30/2014 | 8/23/2015 | 4/8/2015 | N | Y | N | 124,591 | 2,619,619 | 2,619,619 | | N/A | 2011P | Y | Tracy-Alameda County |
| 6 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - VARGAS CROSSOVER PH. 1 | Close-Out | 5/24/2011 | 8/23/2014 | 11/14/2014 | 11/8/2014 | N | N | N | 66,707 | 1,414,049 | 1,414,049 | | N/A | 2011P | Y | Milpitas-Bolsa-Alameda County |
| 7 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - IRVINGTON PH. 1 | Close-Out | 5/24/2011 | 7/21/2014 | 3/9/2015 | 11/24/2014 | N | N | Y | 231,179 | 3,870,523 | 3,870,523 | | N/A | 2011P | Y | Milpitas-Bolsa-Santa Clara County |
| 8 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - EAST ASHWAY PH. 1 | Close-Out | 5/24/2011 | 8/13/2013 | 11/13/2013 | 11/8/2013 | N | N | N | 14,025 | 1,121,438 | 1,121,438 | | N/A | 2011P | Y | Tracy-Alameda County |
| 9 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - DALTON CROSSOVER PH. 1 | Close-Out | 5/24/2011 | 7/7/2014 | 12/18/2014 | 11/26/2014 | N | N | N | -320,277 | 3,574,590 | 3,563,993 | | N/A | 2011P | Y | Tracy-Pleasanton-Alameda County |
| 10 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - LIVERMORE JUNCTION PH. 1 | Close-Out | 5/24/2011 | 6/28/2013 | 12/4/2013 | 8/27/2013 | N | N | N | 3,537 | 865,295 | 865,295 | | N/A | 2011P | Y | Tracy-Alameda County |
| 11 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - HINKLEY COMPRESSOR STATI | Close-Out | 5/24/2011 | 11/3/2014 | 3/18/2015 | 12/8/2014 | N | N | Y | 401,430 | 2,888,410 | 2,888,410 | | N/A | 2011P | Y | Hinkley-San Bernardino County |
| 12 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - ALVARADO PH. 1 | Close-Out | 5/24/2011 | 4/18/2013 | 7/1/2013 | 7/11/2013 | N | N | N | | 1,190,509 | 1,190,509 | | N/A | 2011P | Y | Local Trans-north-Mission-Alameda County |
| 13 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - 2AA PLS PH. 1 | Close-Out | 6/28/2011 | 4/15/2014 | 1/5/2015 | 12/17/2014 | N | N | Y | 41,572 | 733,620 | 733,620 | | Y | 2011P | Y | Hinkley-Capitol Corps-San Bernardino County |
| 14 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - BAKERSFIELD TAP PH. 1 | Close-Out | 6/26/2011 | 4/10/2014 | 8/5/2014 | 6/27/2014 | N | N | N | 24,521 | 1,605,952 | 1,605,952 | | N/A | 2011P | Y | L300-north-[illegible]-Fresno County |
| 15 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - GOSFORD RD MTR STA PH. 1 | Close-Out | 6/26/2011 | 3/11/2014 | 6/1/2014 | 6/8/2014 | N | N | N | 13,657 | 1,436,032 | 1,436,032 | | N/A | 2011P | Y | L300-north-[illegible]-Fresno County |
| 16 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - UNION AVE METER REG STA PH | Close-Out | 6/26/2011 | 3/26/2014 | 6/3/2014 | 6/8/2014 | N | N | N | 15,495 | 1,058,236 | 1,058,236 | | N/A | 2011P | Y | L300-north-[illegible]-Fresno County |
| 17 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - 8 MILE PLS PH. 1 | Close-Out | 6/26/2011 | 8/2/2013 | 6/19/2013 | 6/25/2013 | N | N | N | 61,258 | 1,125,044 | 1,125,044 | | N/A | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 18 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - BRENTWOOD TERMINAL PH. 1 | Close-Out | 6/26/2011 | 7/7/2014 | 11/17/2014 | 10/17/2014 | N | N | N | 335,460 | 5,165,021 | 5,165,021 | | N/A | 2011P | Y | Tracy-Pittsburg-Alameda County |
| 19 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - LAKES VALVE LOT PH. 1 | Close-Out | 5/24/2011 | 11/10/2014 | 1/29/2015 | 12/18/2014 | N | N | Y | 68,871 | 1,212,726 | 1,212,726 | | Y | 2011P | Y | Tracy-East Bay-north-Alameda County |
| 20 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - AIRPORT & SONORA PH. 1 | Close-Out | 5/24/2011 | 7/19/2013 | 9/18/2013 | 8/30/2013 | N | N | N | 450 | 1,226,765 | 1,226,765 | | N/A | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 21 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - SOLER RD PH. 1 | Close-Out | 5/24/2011 | 1/27/2014 | 3/18/2015 | 7/14/2014 | N | N | Y | 27,376 | 6,605,657 | 6,605,657 | | N/A | 2011P | Y | Tracy-Alameda County |
| 22 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - AIRPORT & FRENCH CAMP PH. | Close-Out | 5/24/2011 | 6/23/2013 | 12/18/2013 | 10/27/2013 | N | N | N | 4,840 | 1,124,500 | 1,124,500 | | N/A | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 23 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - PALM TRACT PH. 1 | Close-Out | 5/24/2011 | 7/11/2013 | 8/7/2013 | 8/7/2013 | N | N | N | 23 | 370,387 | 370,387 | | N/A | 2011P | Y | Tracy-Alameda County |
| 24 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - 28TH & 29TH AVE PH. 1 | Close-Out | 5/24/2011 | 3/3/2014 | 4/8/2014 | 6/30/2014 | N | N | N | 23,280 | 1,582,867 | 1,582,867 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 25 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - [illegible] PH. 1 | Close-Out | 5/24/2011 | 3/26/2014 | 6/18/2014 | 6/30/2014 | N | N | N | 1,588 | 1,717,150 | 1,717,150 | | N/A | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 26 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - CORDELIA PH. 1 | Close-Out | 5/24/2011 | 3/4/2014 | 6/11/2014 | 6/12/2014 | N | N | N | 333,547 | 2,895,822 | 2,895,822 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 27 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - YOLO CAUSWAY BLVD. TIE P | Close-Out | 5/24/2011 | 8/19/2014 | 12/8/2014 | 10/30/2014 | N | N | N | 134,552 | 2,850,034 | 2,850,034 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 28 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - FAIRFIELD CROSSOVER PH. | Close-Out | 5/24/2011 | 8/28/2014 | 6/27/2015 | 12/24/2014 | N | Y | N | 403,807 | 2,657,300 | 2,657,300 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 29 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - EAST FAIRFIELD STATION PH1 | Close-Out | 5/26/2011 | 8/19/2014 | 6/18/2014 | 6/12/2014 | N | N | N | 7,630 | 1,452,079 | 1,452,079 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 30 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - N SAC LOAD HLDR PH. 1 | Close-Out | 5/26/2011 | 4/3/2014 | 5/29/2014 | 6/14/2014 | N | N | N | -5,981 | 1,656,012 | 1,656,012 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 31 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | GT VALVE AUTO - VALERO REFINERY TAP PH. | Close-Out | 5/26/2011 | 8/12/2013 | 12/2/2013 | 12/17/2013 | N | N | N | 5,494 | 1,005,683 | 1,005,683 | | N/A | 2011P | Y | Local Trans-north-North Bay-Solano County |
| 32 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - SAC GAS LOAD CENTER PH. 1 | Close-Out | 5/26/2011 | 10/7/2013 | 12/31/2013 | 12/18/2013 | N | N | N | 658 | 1,250,274 | 1,250,274 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 33 | Capital | PSEP | Y | 23677 | [illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | "CANC" [illegible] MP [illegible] PH1 | Close-Out | 5/24/2011 | 6/1/2012 | 8/23/2015 | 12/1/2015 | N | N | N | | | | 2008 (34) | N | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 34 | Capital | PSEP | Y | 23679 | [illegible] | 3H | GT PL Safety Enhance | 3H3 | PSEP Valve Automatio | [illegible]-VALVE AUTOMATION | VALVE AUTO - PARAMOUNT COURT PH. 1 | Close-Out | 5/26/2011 | 4/16/2014 | 7/7/2014 | 7/7/2014 | N | N | N | 15,273 | 3,955,947 | 3,955,947 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 35 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] PH1 | Close-Out | 5/24/2011 | 11/18/2013 | 3/4/2014 | 12/04/2013 | N | N | N | 2,735 | 1,995,940 | 1,995,940 | | N | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 36 | Capital | PSEP | Y | [illegible] | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-114_2 REPL [illegible] MP [illegible] WSS | Construction | [illegible]/2011 | 1/8/2013 | 12/8/2013 | 10/21/2013 | N | N | N | 274,523 | 62,525,491 | 62,525,491 | | N/A | 2011P | Y | Local Trans-north-Diablo-San Joaquin County |
| 37 | Capital | PSEP | Y | [illegible] | F.0[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL SJ WSS | Close-Out | 1/2/2014 | 10/18/2014 | 1/5/2015 | 4/29/2014 | N | N | Y | 99,225 | 832,677 | 832,677 | | Y | 2011P | Y | Local Trans-south-San Jose-Santa Clara County |
| 38 | Capital | PSEP | Y | [illegible] | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-109_4 REPL [illegible] MP [illegible] WSS | Construction | [illegible]/2011 | 4/21/2015 | 1/5/2017 | [illegible] | N | Y | N | 1,700,536 | 36,177,677 | 81,682,752 | | N/A | 2011P | Y | Local Trans-south-Peninsula-San Mateo County |
| 39 | Capital | PSEP | Y | [illegible] | F.04237 | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-210A REPL [illegible] MP [illegible] WSS | Close-Out | 10/1/2012 | [illegible]/2013 | 12/18/2013 | 6/29/2013 | N | N | N | -193 | 11,351,290 | 11,351,290 | | N | 2011P | Y | Local Trans-north-[illegible]-Napa County |
| 40 | Capital | PSEP | Y | 23702 | F.04180 | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-100A Repl [illegible] MP [illegible] WSS | Close-Out | 10/1/2012 | 4/10/2014 | [illegible]/2015 | 4/10/2015 | N | N | Y | 6,902,500 | 18,781,202 | 19,117,988 | | N | 2011P | Y | Rio Vista-Sacramento-Sacramento County |
| 41 | Capital | PSEP | Y | 23704 | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-109_3 REPL [illegible] MP [illegible] WSS | Construction | [illegible]/2011 | 6/11/2014 | 4/17/2015 | 3/3/2015 | N | N | Y | 13,627,271 | 75,482,309 | 75,654,359 | | N/A | 2011P | Y | Local Trans-south-Central Coast-San Mateo County |
| 42 | Capital | PSEP | Y | [illegible] | F.03[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL ST WSS | Close-Out | 2/1/2014 | [illegible]/2014 | 1/30/2015 | 8/13/2014 | N | N | Y | 591,098 | 1,620,715 | 1,620,715 | | Y | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 43 | Capital | PSEP | Y | 23718 | F.03[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL NS WSS | Close-Out | 1/13/2014 | 8/20/2014 | 9/16/2014 | 8/22/2014 | N | N | N | 13,671 | 671,530 | 679,530 | | N/A | 2011P | Y | Local Trans-north-North Bay-Sonoma County |
| 44 | Capital | PSEP | Y | 23720 | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] | Close-Out | 3/1/2011 | [illegible]/2013 | 10/[illegible]/2013 | 6/13/2013 | N | N | N | 22,039 | 34,792,188 | 34,792,188 | | Y | 2011P | Y | Local Trans-south-Yosemite-Stanislaus County |
| 45 | Capital | PSEP | Y | 23724 | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-109_2 REPL [illegible] MP [illegible] WSS | Construction | 7/7/2011 | 6/26/2012 | 3/19/2014 | 12/17/2012 | N | N | N | 6,169,525 | 53,081,940 | 53,081,940 | | N/A | 2011P | Y | Local Trans-south-Peninsula-San Joaquin County |
| 46 | Capital | PSEP | Y | [illegible] | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-100 REPL [illegible] MP [illegible] WSS | Close-Out | [illegible]/2011 | 6/11/2012 | 1/28/2013 | 11/14/2012 | N | N | N | 52,263 | [illegible] | [illegible] | | N | 2011P | Y | Local Trans-south-Central Coast-Monterey County |
| 47 | Capital | PSEP | Y | 23731 | F.03[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-108A REPL [illegible] MP [illegible] WSS | Close-Out | [illegible]/2015 | 6/9/2014 | 6/15/2015 | 11/21/2014 | N | Y | N | 616,367 | 11,006,670 | 11,006,670 | | Y | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 48 | Capital | PSEP | Y | [illegible] | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-118A REPL [illegible] MP [illegible] WSS | Close-Out | 1/1/2013 | 8/12/2013 | [illegible]/2014 | 11/25/2013 | N | N | N | 102,440 | 43,053,121 | 43,053,121 | | Y | 2011P | Y | Local Trans-south-Fresno-Madera County |
| 49 | Capital | PSEP | Y | [illegible] | F.04[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL GO WSS | Close-Out | 1/27/2014 | [illegible]/2014 | 11/25/2014 | 8/13/2014 | N | N | N | 59,774 | 1,317,001 | 1,327,001 | | Y | 2011P | Y | Local Trans-north-North Coast-Santa Rosa-Sonoma Co |
| 50 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | L-131_2 REPL [illegible] MP [illegible] PH1 | Close-Out | 5/24/2011 | 7/16/2012 | 9/7/2012 | 8/26/2012 | N | N | N | | 2,771,174 | 2,771,174 | | N/A | 2011P | Y | Local Trans-north-Diablo-San Joaquin County |
| 51 | Capital | PSEP | Y | [illegible] | [illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | "CANC" REPL [illegible] MP [illegible] PH1 | Close-Out | 5/24/2011 | 8/1/2011 | 10/2/2013 | 10/2/2013 | N | N | N | 233,686 | | | | Y | 2011P | Y | Local Trans-north-Diablo-Contra Costa County |
| 52 | Capital | PSEP | Y | 23740 | F.03332 | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL MI PH1 | Close-Out | 11/14/2013 | 11/19/2014 | 1/1/2015 | 6/30/2014 | N | N | Y | 92,740 | 1,201,690 | 1,201,690 | | N/A | 2011P | Y | Local Trans-north-Mission-Alameda County |
| 53 | Capital | PSEP | Y | [illegible] | F.03327 | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL CC WSS | Close-Out | 1/1/2014 | 6/2/2014 | 7/1/2014 | 4/29/2014 | N | N | N | 5,605 | 1,282,139 | 1,282,139 | | N/A | 2011P | Y | Local Trans-south-Central Coast-Monterey County |
| 54 | Capital | PSEP | Y | [illegible] | F.03[illegible] | 3H | GT PL Safety Enhance | 3H1 | PSEP Pipe Replacemen | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL DA PH1 | Close-Out | 11/14/2013 | [illegible]/2014 | 12/17/2014 | 5/8/2014 | N | N | N | 18,332 | 617,471 | 617,471 | | Y | 2011P | Y | Local Trans-south-De Anza-Santa Clara County |

TABLE 5-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital Expense | PSEP Case | Project Listed in Previous CPUC Safety Reports (Y/N) | PSEP ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/NA) | Capital Project Described in any Rate Case filing (Case Year or Blank) | Government Requirement/Recommendation (Y/N/NA) | District/Division/County |
| 55 | Capital | PSEP | Y | 23758 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | "CANC" L-050A-1 REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | 6/1/2011 | 6/26/2012 | 6/26/2012 | N | N | N | | | | | Y | 2011P | Y | Local Trans-north-Sierra-[illegible] County |
| 56 | Capital | PSEP | Y | 23762 | P.05071 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] PH1 | Close-Out | 5/26/2011 | 8/22/2013 | 7/25/2013 | 7/25/2013 | N | N | N | 1,639 | [illegible] | [illegible] | | N/A | 2011P | Y | [illegible]-Central Coast-Fresno County |
| 57 | Capital | PSEP | Y | [illegible] | P.05072 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | [illegible] | 12/9/2013 | 1/11/2013 | N | N | N | [illegible] | [illegible] | [illegible] | | Y | 2011P | Y | Local Trans-south-Central Coast-[illegible] County |
| 58 | Capital | PSEP | Y | 23773 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | "CANC" L-181B REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | 6/1/2011 | 8/6/2012 | [illegible] | N | N | N | | | | 2007 2008 | N | 2011P | Y | Local Trans-south-Central Coast-[illegible] County |
| 59 | Capital | PSEP | Y | 23775 | P.05034 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL KM WBS | Close-Out | 12/18/2013 | 1/6/2014 | 1/27/2014 | 3/4/2014 | N | N | N | 3,002 | 777,776 | 777,776 | | N/A | 2011P | Y | Local Trans-north-North Valley-Shasta County |
| 60 | Capital | PSEP | Y | 23780 | P.04944 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] Repl [illegible] MP [illegible] WBS | Construction | 12/1/2012 | 7/18/2014 | 8/11/2014 | 11/25/2013 | N | N | N | 62,000 | 1,825,168 | 1,825,168 | | N | 2011P | Y | Local Trans-north-Sacramento-Merced County |
| 61 | Capital | PSEP | Y | 23783 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | GT DFM-[illegible] REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | 7/21/2014 | 8/22/2014 | 8/21/2014 | N | N | N | 10,082 | 1,253,425 | 1,253,425 | | N/A | 2011P | Y | Local Trans-north-Sierra-Sutter County |
| 62 | Capital | PSEP | Y | 23785 | P.05061 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL YD WBS | Close-Out | 1/6/2014 | 7/6/2014 | 7/23/2014 | 4/25/2014 | N | N | N | 87,689 | 2,110,367 | 2,132,837 | | N/A | 2011P | Y | Local Trans-north-Stockton-Merced County |
| 63 | Capital | PSEP | Y | 23786 | P.04307 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] WBS | Close-Out | 8/13/2012 | 4/29/2014 | 6/13/2014 | 8/11/2014 | N | N | N | 50,405 | 6,029,088 | 6,029,088 | | N/A | 2011P | Y | Local Trans-north-North [illegible] Co |
| 64 | Capital | PSEP | Y | 23787 | P.05058 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL SI WBS | Close-Out | 12/10/2013 | 1/29/2014 | 1/31/2014 | 3/4/2014 | N | N | N | -9,508 | 690,600 | 690,600 | | N/A | 2011P | Y | Local Trans-north-Sierra-Sutter County |
| 65 | Capital | PSEP | Y | 23795 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | "CANC" L-109_5 REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | 11/1/2011 | 10/4/2013 | 1/24/2013 | N | N | N | | | | | Y | 2011P | Y | Local Trans-south-Peninsula-San Mateo County |
| 66 | Capital | PSEP | Y | 23780 | P.04871 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-021C REPL [illegible] MP [illegible] WBS | Construction | 8/8/2013 | 8/23/2014 | 4/9/2015 | 2/28/2015 | N | N | Y | 6,653,177 | 11,853,718 | 11,753,718 | | N/A | 2011P | Y | Local Trans-north-North Coast-[illegible] Co |
| 67 | Capital | PSEP | Y | [illegible] | P.05039 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] WBS | Construction | 9/26/2013 | [illegible] | 11/6/2013 | 12/21/2013 | N | N | N | | 653,780 | 653,780 | | N | 2011P | Y | Local Trans-north-North Coast-[illegible] Co |
| 68 | Capital | PSEP | Y | 23815 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | GT [illegible] L-[illegible] MP [illegible] | Close-Out | 5/26/2011 | [illegible] | 12/19/2014 | 11/25/2014 | N | N | N | -157,028 | 3,424,203 | 3,424,203 | | N | 2011P | Y | Local Trans-north-Stockton-[illegible] County |
| 69 | Capital | PSEP | Y | 23822 | P.04049 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-123 REPL [illegible] MP [illegible] WBS | Construction | [illegible] | 4/25/2014 | 7/25/2015 | 12/2/2014 | N | Y | N | 2,081,682 | 61,070,393 | 61,270,393 | | Y | 2011P | Y | Local Trans-north-Sierra-Sacramento County |
| 70 | Capital | PSEP | Y | 23825 | P.04068 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-139 Repl [illegible] MP [illegible] WBS | Close-Out | 6/1/2011 | 7/23/2012 | 3/24/2014 | 6/9/2015 | N | N | N | 8,277 | 38,357,776 | 38,357,776 | | Y | 2011P | Y | Local Trans-south-Fresno-Fresno County |
| 71 | Capital | PSEP | Y | 23832 | P.04065 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-111A REPL [illegible] MP [illegible] WBS | Close-Out | 8/7/2011 | 8/13/2012 | 3/1/2014 | 3/1/2015 | N | N | N | -22,140 | 35,410,063 | 35,410,063 | | N | 2011P | Y | Local Trans-south-Fresno-Fresno County |
| 72 | Capital | PSEP | Y | 23843 | P.04067 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-107 REPL/L-[illegible] Transfer Yuba City WBS | Close-Out | [illegible] | 4/8/2013 | 11/18/2013 | 7/26/2013 | N | N | N | | 24,040,101 | 24,040,101 | | N/A | 2011P | Y | Local Trans-north-Sierra-Sutter County |
| 73 | Capital | PSEP | Y | 23857 | P.04068 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-220 REPL [illegible] MP [illegible] WBS | Construction | 1/7/2012 | 7/22/2013 | 6/14/2014 | 1/14/2014 | N | N | N | 345,157 | 38,841,657 | 38,971,171 | | N | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 74 | Capital | PSEP | Y | 23828 | P.05008 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | TAPS-REPL SA WBS | Close-Out | 11/24/2013 | 6/1/2014 | 12/18/2014 | 8/13/2014 | N | N | N | 67,292 | 3,308,656 | 3,308,656 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 75 | Capital | PSEP | Y | 23872 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - SHERIDAN RD PH. 1 | Construction | 5/26/2011 | 10/1/2018 | 11/14/2019 | 10/22/2015 | N | Y | N | 38,598 | 200,683 | 200,683 | | N | 2011P | Y | [illegible]-Santa Clara County |
| 76 | Capital | PSEP | Y | 23873 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - CUMMINGS CREEK PH. 1 | Close-Out | 5/26/2011 | 3/10/2014 | 5/2/2014 | 6/19/2014 | N | N | N | 20,410 | 816,467 | 816,467 | | N/A | 2011P | Y | Local Trans-north-North Coast-[illegible]-Humboldt Coun |
| 77 | Capital | PSEP | Y | 23874 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - TOMPKINS HILL PH. 1 | Close-Out | 5/26/2011 | 3/11/2014 | 5/22/2015 | 5/9/2014 | N | Y | N | -25,555 | 1,399,000 | 1,399,000 | | N/A | 2011P | Y | Local Trans-north-North Coast-[illegible]-Humboldt Coun |
| 78 | Capital | PSEP | Y | 23875 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - INSTALL FLOW METERS PH. 1 | Close-Out | 5/26/2011 | 6/1/2011 | 6/22/2014 | 9/30/2014 | N | N | N | 785 | 18,343 | 18,343 | | Y | 2011P | Y | [illegible]-Contra Costa County |
| 79 | Capital | PSEP | Y | 24009 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | L-[illegible] MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 3/14/2015 | 4/8/2015 | 1/17/2014 | N | Y | N | 14,708 | 10,817,781 | 10,817,781 | | N/A | 2011P | Y | Local Trans-north-Mission-Kings County |
| 80 | Capital | PSEP | Y | 24012 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | GT L-[illegible] MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 4/17/2013 | 6/29/2015 | 6/30/2013 | N | Y | N | 25,767 | 7,887,370 | 7,887,370 | | N/A | 2011P | Y | [illegible]-Kern-Kings County |
| 81 | Capital | PSEP | Y | 24017 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | GT L-300B MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 2/11/2013 | 12/12/2014 | 12/23/2013 | N | N | N | 50,818 | 13,944,652 | 13,944,652 | | N/A | 2011P | Y | Local Trans-south-Fresno-Kings County |
| 82 | Capital | PSEP | Y | 24021 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | L-300A MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 8/7/2012 | 12/12/2014 | 8/21/2013 | N | N | N | 16,285 | 7,277,580 | 7,277,580 | 2007 2008 | Y | 2011P | Y | [illegible]-Kern-Kings County |
| 83 | Capital | PSEP | Y | 24025 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | GT L-300A MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 3/29/2013 | 12/22/2014 | 7/29/2013 | N | N | N | 35,789 | 13,230,457 | 13,230,457 | | N/A | 2011P | Y | Local Trans-south-Fresno-Kings County |
| 84 | Capital | PSEP | Y | 24026 | [illegible] | 2H | GT PL Safety Enhance | 2H4 | PSEP ILI Pipeline Re | [illegible]-ILI UPGRADES | L-132 MP [illegible] UPGRADE PH-1 | Close-Out | 5/26/2011 | 8/30/2013 | 3/14/2014 | 12/12/2013 | N | N | N | 23,180 | 5,488,191 | 5,488,191 | | N/A | 2011P | Y | Local Trans-south-Peninsula-Santa Clara County |
| 85 | Capital | PSEP | Y | 24030 | [illegible] | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | [illegible]-ATOMIC ABSORPTION UNITS-CAP-HYD | UNPLANNED CUTOUTS | Close-Out | 5/26/2011 | 4/1/2015 | 4/1/2013 | 12/31/2014 | N | N | Y | 1,348 | 1,348 | 1,348 | | N | 2011P | Y | [illegible]-Contra Costa County |
| 86 | Capital | PSEP | Y | 24032 | P.04070 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-021D REPL [illegible] MP [illegible] WBS | Construction | 1/1/2012 | 7/14/2014 | 11/13/2015 | 12/14/2015 | N | Y | N | 7,307,384 | 22,658,341 | 24,078,438 | | N/A | 2011P | Y | Local Trans-north-North Coast-[illegible] Co |
| 87 | Capital | PSEP | Y | 24055 | P.05023 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-021H Repl [illegible] MP [illegible] WBS | Construction | 7/19/2013 | 9/29/2014 | 10/17/2014 | 9/30/2014 | N | N | N | 3,601 | 1,653,917 | 1,653,917 | | Y | 2011P | Y | Local Trans-north-North Bay-[illegible] Co |
| 88 | Capital | PSEP | Y | 24058 | P.04072 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-057A REPL [illegible] MP [illegible] WBS | Close-Out | 1/10/2012 | 4/11/2014 | 1/16/2015 | 11/7/2014 | N | N | Y | 238,217 | 14,250,374 | 14,250,374 | | N/A | 2011P | Y | Local Trans-north-Diablo-Contra Costa County |
| 89 | Capital | PSEP | Y | 24077 | P.04291 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-[illegible] Repl [illegible] MP [illegible] WBS | Construction | 6/1/2012 | 10/22/2015 | 10/22/2015 | 12/22/2015 | N | N | N | 22,840 | 9,310,759 | 9,310,759 | | N | 2011P | Y | Local Trans-north-Stockton-Contra Costa County |
| 90 | Capital | PSEP | Y | 24079 | P.04071 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-[illegible] REPL [illegible] MP [illegible] WBS | Close-Out | 5/26/2011 | 6/1/2012 | 12/30/2014 | 12/10/2014 | N | N | N | | | | | N/A | 2011P | Y | Local Trans-north-Sierra-Yuba County |
| 91 | Capital | PSEP | Y | 24086 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | "CANC" L-114_1 REPL [illegible] MP [illegible] | Close-Out | 5/26/2011 | 6/1/2011 | 7/26/2012 | 7/26/2012 | N | N | N | | | | | Y | 2011P | Y | Local Trans-north-Diablo-Contra Costa County |
| 92 | Capital | PSEP | Y | 24156 | P.04109 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | [illegible]-ATOMIC ABSORPTION UNITS-CAP-HYD | [illegible]-Capital Valves And Testhead | Construction | 3/1/2011 | 4/1/2011 | 4/4/2013 | 4/4/2013 | N | N | N | 371,251 | 58,400,140 | 58,405,140 | | N/A | 2011P | Y | [illegible]-Humboldt County |
| 93 | Capital | PSEP | Y | 24201 | P.04827 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | Valve Auto - Antioch Terminal WBS | Close-Out | 8/15/2012 | 7/27/2013 | 12/31/2013 | 12/12/2013 | N | N | N | 525 | 6,112,377 | 6,112,377 | | N/A | 2011P | Y | Los Medanos-Contra Costa County |
| 94 | Capital | PSEP | Y | 24203 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | "CANC" VALVE AUTO - ANTIOCH TOWN MTR STA | Close-Out | 1/1/2011 | 1/1/2011 | 3/31/2013 | 3/31/2013 | N | N | N | | | | | Y | 2011P | Y | Local Trans-north-Diablo-Contra Costa County |
| 95 | Capital | PSEP | Y | 24204 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - [illegible] MTR STA. PH. 1 | Close-Out | 5/26/2011 | 1/18/2013 | 3/19/2013 | 4/3/2013 | N | N | N | | 303,107 | 303,107 | | N/A | 2011P | Y | Los Medanos-Contra Costa County |
| 96 | Capital | PSEP | Y | 24207 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - FRANKLIN CANYON PH. 1 | Close-Out | 5/26/2011 | 11/1/2012 | 12/12/2012 | 12/17/2012 | N | N | N | | 483,854 | 483,854 | | N/A | 2011P | Y | Local Trans-north-East Bay-[illegible] County |
| 97 | Capital | PSEP | Y | 24229 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - SAN PABLO PH. 1 | Close-Out | 5/26/2011 | 8/1/2013 | 6/12/2013 | 6/22/2013 | N | N | N | | 544,418 | 544,418 | | N/A | 2011P | Y | Local Trans-north-East Bay-[illegible] County |
| 98 | Capital | PSEP | Y | 24230 | P.04329 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM-[illegible] REPL [illegible] MP [illegible] WBS | Construction | 10/26/2012 | 7/1/2013 | 5/8/2014 | 8/21/2014 | N | N | N | 21,185 | 10,750,749 | 10,750,749 | | Y | 2011P | Y | Local Trans-north-Stockton-San Joaquin County |
| 99 | Capital | PSEP | Y | 24588 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | "CANC" L-109A-5 REPL [illegible] MP [illegible] | Close-Out | 6/1/2011 | 6/1/2011 | 12/28/2014 | 12/29/2014 | N | N | N | | | | | N/A | 2011P | Y | Local Trans-north-East Bay-[illegible] Contra Costa Coun |
| 100 | Capital | PSEP | Y | 24600 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-108_3 REPL [illegible] MP [illegible] PH1 | Close-Out | 1/5/2012 | 9/13/2014 | 4/8/2016 | 3/13/2016 | N | Y | N | 7,809,181 | 20,723,775 | 21,029,510 | | N | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 101 | Capital | PSEP | Y | 24603 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-[illegible] REPL [illegible] MP [illegible] PH1 | Close-Out | 6/25/2012 | 4/28/2013 | 6/27/2013 | 9/14/2013 | N | N | N | 1,030 | 597,915 | 597,915 | | N | 2011P | Y | Local Trans-north-Sacramento-Colusa County |
| 102 | Capital | PSEP | Y | 24605 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | L-[illegible] REPL [illegible] MP [illegible] PH1 | Close-Out | 7/8/2011 | 8/1/2011 | 12/27/2013 | 12/27/2013 | N | N | N | | 230,675 | 230,675 | | N/A | 2011P | Y | Local Trans-south-East Bay-[illegible] County |
| 103 | Capital | PSEP | Y | 25022 | [illegible] | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | [illegible]-ATOMIC ABSORPTION UNITS-CAP-HYD | POST STRENGTH TEST EMERGENCY REPLACEMENTS | Engineering/Permitting | 3/1/2011 | 3/1/2011 | 12/31/2014 | 12/31/2014 | N | N | N | | | | | N | 2011P | Y | [illegible]-Contra Costa County |
| 104 | Capital | PSEP | Y | 25381 | P.03881 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | Valve Auto - 2012 Phase 1 PSEP | Close-Out | 7/26/2011 | 4/17/2013 | 1/24/2014 | 1/23/2014 | N | N | N | 43,534 | 35,588,770 | 35,588,770 | | N/A | 2011P | Y | Local Trans-south-Peninsula-San Mateo County |
| 105 | Capital | PSEP | Y | 27238 | [illegible] | 2H | GT PL Safety Enhance | 2HL | PSEP Other Capital | [illegible]-MARINER_NEXT GENERATION LINEAR II | GILROY YARD & FACILITY IMPROVEMENTS-PSEP | Close-Out | 5/4/2012 | 5/1/2012 | 1/28/2015 | 1/28/2015 | N | N | Y | 18,400 | 272,080 | 272,080 | | N/A | | Y | [illegible]-Central Coast-Santa Clara Count |
| 106 | Capital | PSEP | Y | 27804 | [illegible] | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | [illegible]-ATOMIC ABSORPTION UNITS-CAP-HYD | T[illegible] L-057A-[illegible] TEST MCDONALD I | Close-Out | 7/18/2013 | 1/1/2013 | 2/22/2013 | 2/28/2013 | N | N | N | 137 | 321,025 | 321,025 | | N/A | | Y | [illegible]-Diablo-San Joaquin County |
| 107 | Capital | PSEP | Y | 27820 | [illegible] | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automation | [illegible]-VALVE AUTOMATION | VALVE AUTO - CLAYTON REG STATION PH. 1 | Close-Out | 7/18/2013 | [illegible] | 8/1/2013 | 8/15/2013 | N | N | N | 557 | 1,582,524 | 1,582,524 | | N/A | | Y | Local Trans-north-Diablo-Contra Costa County |
| 108 | Capital | PSEP | Y | 28232 | P.06877 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacement | [illegible]-PIPELINE REPLACEMENT | DFM [illegible] MP [illegible] WBS | Construction | 12/12/2013 | 7/8/2013 | 12/6/2013 | 11/19/2013 | N | N | N | 23,724 | 38,782,225 | 38,782,225 | | N | | Y | Local Trans-south-Yosemite-[illegible] County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PSEP/Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/N/A) | Capital Project Described in the Rate Case Work papers (Case Year or Blank)? | Government Requirement/Recommendation (Y/N/N/A) | District/Division/County |
| 109 | Capital | PSEP | Y | 25275 | P.08872 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-1803-01 REPL 1.43 MP 0.07-1.30 PH1 | Close-Out | 12/24/2012 | 8/17/2013 | 3/20/2014 | 3/17/2014 | N | N | N | 29,025 | 8,575,857 | 8,575,857 | | N | | Y | Tracy-Stockton-San Joaquin County |
| 110 | Capital | PSEP | Y | 25339 | 30885753 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743045-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | TIM-207-13, DFM-1013-02, TEST MARINA | Close-Out | 12/1/2012 | 12/1/2012 | 8/27/2013 | 8/27/2013 | N | N | N | 70 | 270,002 | 270,002 | | Y | | Y | Local Trans-south-Central Coast-Monterey County |
| 111 | Capital | PSEP | Y | 25463 | 30880692 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - WEST FORD AVE | Close-Out | 6/1/2012 | 6/14/2013 | 8/29/2013 | 8/29/2013 | N | N | N | 491 | 443,540 | 443,540 | | N/A | | Y | Kettleman-Fresno-Kings County |
| 112 | Capital | PSEP | Y | 25504 | 30876002 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - L-300A MLV 326.00 PH1 | Close-Out | 12/7/2012 | 12/5/2013 | 8/22/2014 | 4/4/2014 | N | N | N | 774 | 488,871 | 488,871 | | N/A | | Y | Local Trans-south-Kern-Bakersfield-Kings County |
| 113 | Capital | PSEP | Y | 25535 | 30876003 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - L-300B MLV-327.20 PH1 | Close-Out | 12/7/2012 | 12/9/2013 | 2/14/2014 | 4/14/2014 | N | N | N | 294 | 527,510 | 527,510 | | N/A | | Y | Local Trans-south-Kern-Bakersfield-Kings County |
| 114 | Capital | PSEP | Y | 30080 | 30984404 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | DFM 7221-10 MODESTO CROSS-TIE | Close-Out | 3/1/2013 | 3/1/2013 | 8/23/2013 | 8/23/2013 | N | N | N | 323 | 524,353 | 524,353 | | Y | | Y | Local Trans-south-Yosemite-Modesto-San Joaquin Cou |
| 115 | Capital | PSEP | Y | 30094 | 30984423 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - AIRPORT AND LOUISE | Close-Out | 2/27/2013 | 10/1/2013 | 3/7/2014 | 1/25/2014 | N | N | N | 60 | 2,728,250 | 2,728,250 | | N/A | | Y | Local Trans-north-Stockton-San Joaquin County |
| 116 | Capital | PSEP | Y | 30182 | 30855224 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | DFM-0804-07 T-225-13 MP2.15-5.20 CAPITAL | Close-Out | 3/1/2013 | 3/1/2013 | 12/20/2013 | 12/20/2013 | N | N | N | 484 | 1,407,920 | 1,407,920 | | Y | | Y | Local Trans-north-Sacramento-Solano County |
| 117 | Capital | PSEP | Y | 30306 | blank | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | Portable Gas Compression Construction | Engineering/Permitting | 4/18/2013 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | Y | | Y | Systemwide-Systemwide |
| 118 | Capital | PSEP | Y | 30336 | P.05573 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-1816-15 REPL 0.02 MP 3.04-3.07 PH1 | Construction | 11/5/2013 | 7/13/2015 | 8/15/2015 | 9/4/2015 | N | Y | N | 61,578 | 6,666 | 68,344 | | N | | Y | Local Trans-south-Central Coast-Santa Cruz County |
| 119 | Capital | PSEP | Y | 31330 | 31000000 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-6606-01 REPL 0.05 MP 0.20-0.25 PH1 | Close-Out | 7/31/2013 | 9/4/2014 | 9/12/2014 | 10/21/2014 | N | N | N | 3,554 | 563,277 | 563,277 | | N | | Y | Local Trans-south-Kern-Kern County |
| 120 | Capital | PSEP | Y | 31653 | 30642104 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-118B REPL 1.[illegible] MP 0.59-2.23 PH1 | Close-Out | 10/1/2012 | 1/21/2014 | 10/31/2014 | 6/6/2014 | N | N | N | 29,320 | 8,238,074 | 8,238,074 | | Y | | Y | Local Trans-north-Sacramento-Sacramento County |
| 121 | Capital | PSEP | Y | 31666 | P.06335 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | TAPS-REPL PM WBS | Close-Out | 11/14/2013 | 6/25/2014 | 8/19/2014 | 4/29/2014 | N | N | N | 170,764 | 1,152,929 | 1,152,929 | | N/A | | Y | Local Trans-south-Peninsula-San Mateo County |
| 122 | Capital | PSEP | Y | 32138 | P.06850 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-114 REPL 0.1250 MP 15.75-15.88 WBS | Close-Out | 5/22/2013 | 6/29/2014 | 11/6/2014 | 6/30/2014 | N | N | N | -30,358 | 1,605,962 | 1,605,962 | | N | | Y | Local Trans-north-Diablo-Contra Costa County |
| 123 | Capital | PSEP | Y | 32142 | P.06851 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-118-1 REPL 0.020 MP 0.01-0.03 WBS | Close-Out | 7/1/2013 | 7/1/2013 | 12/4/2014 | 12/4/2014 | N | N | N | 7,704 | 1,142,920 | 1,142,920 | | N | 2011P | Y | Local Trans-south-Yosemite-Merced County |
| 124 | Capital | PSEP | Y | 32143 | P.06853 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-131_1 REPL 1.40 MP 32.30-33.77 WBS | Close-Out | 5/24/2011 | 1/15/2013 | 12/20/2013 | 6/26/2013 | N | N | N | 3,018 | 19,030,530 | 19,030,530 | | N/A | 2011P | Y | Local Trans-north-Mission-San Joaquin County |
| 125 | Capital | PSEP | Y | 32144 | P.06854 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-1422 REPL 1.00 MP 5.33-6.35 WBS | Construction | 5/24/2011 | 7/5/2012 | 10/9/2012 | 10/2/2012 | N | N | N | 135 | 5,407,050 | 5,407,050 | | N/A | 2011P | Y | Local Trans-south-Kern-Kern County |
| 126 | Capital | PSEP | Y | 32145 | P.06855 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-104-1 REPL 0.41 MP 0.00-0.45 WBS | Construction | 11/10/2011 | 7/1/2012 | 10/19/2012 | 6/20/2013 | N | N | N | -299 | 708,779 | 708,779 | | N/A | | Y | Kettleman-Kern-Kings County |
| 127 | Capital | PSEP | Y | 32146 | P.06859 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-187-1 REPL 2.12 MP 4.40-6.53 WBS | Close-Out | 5/24/2011 | 5/25/2012 | 7/8/2014 | 6/25/2013 | N | N | N | -4,824 | 5,832,168 | 5,832,168 | | N | 2011P | Y | Local Trans-north-North Valley-Butte County |
| 128 | Capital | PSEP | Y | 32149 | P.06860 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-181A REPL 1.03 MP 10.31-15.61 WBS | Construction | 5/24/2011 | 3/21/2012 | 7/11/2012 | 7/3/2012 | N | N | N | 1,460 | 6,525,963 | 6,525,963 | | N/A | 2011P | Y | Local Trans-south-Central Coast-Monterey County |
| 129 | Capital | PSEP | Y | 32150 | P.06861 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-301C REPL 0.0[illegible] MP 17.25-17.28 WBS | Close-Out | 8/15/2013 | 7/14/2014 | 8/2/2014 | 8/8/2014 | N | N | N | 2,369 | 1,059,746 | 1,059,746 | | N | | Y | Systemwide-Systemwide-Monterey County |
| 130 | Capital | PSEP | Y | 32151 | P.06862 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-305 REPL 0.0[illegible] MP 43.35-43.37 WBS | Construction | 3/6/2013 | 3/31/2014 | 6/23/2014 | 8/14/2014 | N | N | N | 10,043 | 1,054,061 | 1,054,061 | | N | | Y | Local Trans-south-Los Padres-Kings County |
| 131 | Capital | PSEP | Y | 32152 | P.06863 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-0404-11 REPL 0.03 MP 0.00-0.04 WBS | Close-Out | 5/26/2011 | 10/8/2014 | 11/12/2014 | 11/5/2014 | N | N | N | 61,284 | 1,713,641 | 1,713,641 | | N/A | 2011P | Y | Local Trans-north-North Bay-Vallejo-Napa-San Joaqu |
| 132 | Capital | PSEP | Y | 32153 | P.06864 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-0603-01 REPL 0.55 MP 0.00-0.57 WBS | Construction | 5/24/2011 | 7/22/2014 | 9/8/2014 | 10/7/2013 | N | N | N | -2,762 | 3,603,019 | 3,603,019 | | N/A | 2011P | Y | Local Trans-north-Sacramento-Solano County |
| 133 | Capital | PSEP | Y | 32154 | P.06865 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-0611-05 REPL 0.07 MP 0.00-0.12 WBS | Close-Out | 11/13/2012 | 9/19/2014 | 8/29/2014 | 7/30/2014 | N | N | N | 520 | 1,090,357 | 1,090,357 | | Y | | Y | Local Trans-north-Sacramento-Sacramento County |
| 134 | Capital | PSEP | Y | 32501 | P.06852 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-118 REPL 0.04 MP 0.00-0.03 WBS | Close-Out | 5/24/2011 | 4/1/2012 | 4/3/2014 | 11/14/2013 | N | N | N | 588 | 744,870 | 744,870 | | Y | 2011P | Y | Local Trans-north-Sacramento-Sacramento County |
| 135 | Capital | PSEP | Y | 32502 | P.06857 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | L-172A REPL 3.0 MP 76.49-79.59 WBS | Construction | 9/13/2012 | 6/18/2013 | 9/30/2014 | 2/3/2014 | N | N | N | 38,266 | 33,958,825 | 33,958,825 | | Y | | Y | Local Trans-north-Sacramento-Sacramento County |
| 136 | Capital | PSEP | Y | 32880 | 31056343 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - DAVIS PH1 | Close-Out | 3/18/2013 | 12/30/2013 | 2/14/2014 | 4/3/2014 | N | N | N | 112 | 552,466 | 552,466 | | N/A | | Y | Local Trans-north-Sacramento-Sacramento County |
| 137 | Capital | PSEP | Y | 32884 | 31056341 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - BASELINE RD LOT REBUILD PH1 | Close-Out | 11/6/2012 | 4/25/2014 | 12/5/2014 | 10/15/2014 | N | N | N | 8,063 | 950,725 | 950,725 | | N/A | | Y | Local Trans-north-Sacramento-Placer County |
| 138 | Capital | PSEP | Y | 33156 | 31060174 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | T-332-14, DFM-1027-01, TEST, OROVILLE | Close-Out | 3/1/2014 | 3/1/2014 | 7/2/2014 | 7/2/2014 | N | N | N | 1,885 | 282,656 | 282,656 | | N/A | | Y | Local Trans-north-North Valley-Butte County |
| 139 | Capital | PSEP | Y | 33163 | 31070156 | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | DFM-1816-02 REPL 1.0 MP T.00-16.05 PH1 | Construction | 6/3/2013 | 8/8/2014 | 6/27/2015 | 4/10/2015 | N | Y | N | 12,117,892 | 25,303,166 | 25,303,166 | | N | | Y | Local Trans-south-Central Coast-Monterey County |
| 140 | Capital | PSEP | Y | 33800 | 31069024 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | GT-325-14, L-1282, TEST, EUREKA | Close-Out | 5/1/2014 | 5/1/2014 | 7/22/2014 | 7/25/2014 | N | N | N | 597 | 321,587 | 321,587 | | N/A | | Y | Local Trans-north-North Coast-Eureka-Humboldt Coun |
| 141 | Capital | PSEP | Y | [illegible] | 31075499 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | T-351-14, L-300B, TEST BORON | Close-Out | 5/1/2014 | 6/1/2014 | 11/6/2014 | 11/6/2014 | N | N | N | 2,312 | 301,183 | 301,183 | | N/A | | Y | Local Trans-south-Kern-Kern County |
| 142 | Capital | PSEP | Y | 34168 | 31081559 | 2H | GT PL Safety Enhance | 2H2 | PSEP Emergency Pipe | 5743043-30000012-ATOMIC ABSORPTION UNITS-CAP-HYD | GT T-417-14, DFM-0405-01, TEST, SAN RAFA | Close-Out | 6/1/2014 | 6/1/2014 | 11/23/2014 | 11/23/2014 | N | N | N | 23,504 | 323,501 | 323,501 | | N/A | | Y | Local Trans-north-North Bay-San Rafael-Marin Count |
| 143 | Capital | PSEP | Y | 34207 | 31083367 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO - CREED STATION FLOW METERS | Construction | 7/13/2014 | 7/1/2015 | 9/14/2015 | 8/25/2015 | N | Y | N | 108,624 | 421,847 | 421,847 | | N/A | | Y | Local Trans-north-Sacramento-Solano County |
| 144 | Capital | PSEP | Y | 34208 | 31083368 | 2H | GT PL Safety Enhance | 2H3 | PSEP Valve Automatio | 5500861-VALVE AUTOMATION | VALVE AUTO-PANOCHE STATION FLOW METERS | Close-Out | 7/8/2014 | 1/18/2015 | 3/31/2015 | 6/2/2015 | N | N | Y | 943,698 | 1,511,127 | 1,511,127 | | N/A | | Y | Local Trans-south-Kern-Bakersfield-Fresno County |
| 145 | Capital | PSEP | Y | 35919 | [illegible] | 2H | GT PL Safety Enhance | 2H1 | PSEP Pipe Replacemen | 5500859-PIPELINE REPLACEMENT | GT L-220 1.02 MP 23.19-24.20 REMOVE 8" | Close-Out | 8/1/2014 | 8/4/2014 | 10/23/2014 | 10/23/2014 | N | N | N | 130,500 | 870,240 | 870,240 | | N | | Y | Local Trans-north-Sacramento-Yolo County |
| 146 | Capital | Base | Y | 24705 | 30852079 | 2J | GT&D Incl Regulatory | 2J1 | CPUC | 5745065-7079459-MARKER_NEXT GENERATION LINEAR R | CLASS LOC L401-MP 378.49-REPLACE-SEG-[illegible] | Close-Out | 7/1/2011 | 7/1/2011 | 5/30/2011 | 5/30/2011 | N | N | N | 5,269 | 1,555,738 | 1,555,738 | | N/A | | Y | Tracy-Yosemite-merced-Merced County |
| 147 | Capital | Base | Y | 24805 | 30853003 | 2J | GT&D Incl Regulatory | 2J1 | CPUC | 5745065-7079459-MARKER_NEXT GENERATION LINEAR R | CLASS LOC L300B-MP 372.75-372.4- RPLC - | Close-Out | 7/7/2011 | 7/1/2011 | 12/29/2011 | 12/29/2011 | N | N | N | 18,850 | 1,305,565 | 1,305,565 | | N/A | | Y | Kettleman-Kern-Kern County |
| 148 | Capital | Base | Y | 24804 | 30853003 | 2J | GT&D Incl Regulatory | 2J1 | CPUC | 5745065-7079459-MARKER_NEXT GENERATION LINEAR R | CLASS LOC L300A-MP 141.75-152.12 | Close-Out | 7/20/2011 | 8/1/2011 | 4/30/2012 | 4/30/2012 | N | N | N | 10,043 | 2,025,777 | 2,025,777 | | N/A | | Y | Hinkley-Kern-San Bernardino County |
| 149 | Capital | Base | Y | 25134 | 30853641 | 2J | GT&D Incl Regulatory | 2J1 | CPUC | 5745065-7079459-MARKER_NEXT GENERATION LINEAR R | CLASS LOC PIPE REPLACEMENT - GENERAL | Construction | 6/1/2011 | 8/1/2011 | 12/22/2015 | 12/22/2015 | N | Y | N | 20,234 | 537,284 | 537,284 | | N/A | | Y | Systemwide-Systemwide-Contra Costa County |
| 150 | Capital | Base | Y | 25349 | 30870072 | 2J | GT&D Incl Regulatory | 2J1 | CPUC | 5752300-7079459-MARKER_NEXT GENERATION LINEAR R | CLASS LOC L197 MP 29.432 - REPL SEG 120. | Close-Out | 10/1/2011 | 10/1/2011 | 8/7/2012 | 8/7/2012 | N | N | N | 7,588 | 1,380,796 | 1,380,796 | | N | | Y | Local Trans-north-Sierra-Sutter County |
| 151 | Capital | Base | Y | 22017 | 30778113 | 3K | Gas Trans Remediate | 3K8 | Coupon Test Station | 5750577-R-242 L-057A INSTALL 10 CASING ETSS | R-242 L-057A INSTALL 10 CASING ETSS | Close-Out | 9/13/2010 | 9/10/2014 | 2/4/2014 | 3/24/2014 | N | N | N | 0 | 316,891 | 316,891 | | N/A | | N | Tracy-Diablo-Contra Costa County |
| 152 | Capital | PSEP | Y | 22425 | P.03559 | 3K | Gas Trans Remediate | 3KA | MitigateCorrosion-Ot | 5750275-INTERFERENCE PROGRAM 2010-2012 ADMIN | Overall CP Interference program | Construction | 10/1/2010 | 10/1/2010 | 12/30/2019 | 12/30/2019 | N | Y | N | 14,161 | 666,326 | 666,326 | | N/A | | N | Systemwide-Systemwide-San Bernardino County |
| 153 | Capital | Base | Y | 22459 | P.02192 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5751400-P.02192-L-402 CASING ETSVENT INSTALLATI | L-402 CASING ETSVENT INSTALLATION | Close-Out | 1/18/2011 | 10/14/2010 | 6/29/2016 | / / | N | Y | N | 825 | 506,053 | 506,053 | | N/A | | N | Local Trans-north-North Valley-Shasta County |
| 154 | Capital | Base | Y | 22795 | 30815754 | 3K | Gas Trans Remediate | 3K6 | Cathodic Protection- | 5750020-30815754-1019-18, MP 1.91 INSTALL CP MI | 1019-18, MP 1.91 INSTALL CP MITIGATION | Close-Out | 11/1/2010 | 11/1/2010 | 4/30/2013 | 4/30/2013 | N | N | N | 23,581 | 4,146,330 | 4,146,330 | | N/A | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 155 | Capital | Base | Y | 24770 | 30864517 | 3K | Gas Trans Remediate | 3K6 | Cathodic Protection- | 5750651-LTIMP 153 MP 24.69-25.53 2 EXCAVATIONS | LTIMP 153 MP 24.69-25.53 2 EXCAVATIONS | Close-Out | 7/20/2011 | 7/1/2011 | 12/29/2012 | 12/29/2012 | N | N | N | 1,039 | 451,614 | 451,614 | | Y | | N | Local Trans-north-Mission-Alameda County |
| 156 | Capital | Base | Y | 25303 | 30900001 | 3K | Gas Trans Remediate | 3K7 | Cathodic Protection- | 5750404-L-101 & L-147 REPLACE RECTANODE LTIMP | L-101 & L-147 REPLACE RECTANODE LTIMP | Close-Out | 10/19/2011 | 12/12/2013 | 12/31/2013 | 1/3/2015 | N | N | N | 1,155 | 380,633 | 380,633 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 157 | Capital | Base | Y | 25411 | 30905601 | 3K | Gas Trans Remediate | 3K8 | Cathodic Protection- | 5750553-INSTALL CP STATION KETTLEMAN DISTRICT | INSTALL CP STATION KETTLEMAN DISTRICT | Close-Out | 10/19/2011 | 4/19/2014 | 10/7/2014 | 10/22/2014 | N | N | N | -2,079 | 404,707 | 404,707 | | N/A | | N | Kettleman-Kern-Kings County |
| 158 | Capital | Base | Y | 25822 | 30905218 | 3K | Gas Trans Remediate | 3K4 | AC Interf Induced MI | 5750579-L-2 MP114-119 & L-401 MP347-353 AC SAFETY | GT L-2 MP114-119 & L-401 MP347-353 AC SAF | Close-Out | 12/21/2011 | 6/5/2014 | 12/14/2014 | 3/26/2015 | N | N | N | 94,630 | 2,113,767 | 2,113,767 | | N/A | | N | Tracy-San Joaquin County |
| 159 | Capital | Base | Y | 26402 | 30318746 | 3K | Gas Trans Remediate | 3K4 | AC Interf Induced MI | 5750442-L-109 AC MITIGATION | L-109 AC MITIGATION | Close-Out | 3/29/2012 | 9/27/2015 | 6/12/2015 | 6/21/2015 | N | N | Y | 1,083,216 | 1,110,684 | 1,110,684 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 160 | Capital | Base | Y | 26632 | 30318749 | 3K | Gas Trans Remediate | 3K4 | AC Interf Induced MI | 5750445-L-132 AC MITIGATION | L-132 AC MITIGATION | Construction | 4/19/2012 | 12/7/2015 | 12/22/2015 | 1/3/2016 | N | Y | N | 169,655 | 239,597 | 239,597 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 161 | Capital | Base | Y | 27057 | 30307475 | 3K | Gas Trans Remediate | 3K8 | Coupon Test Station | 5750300-177A CTS INSTALLATIONS | 177A CTS INSTALLATIONS | Construction | 5/31/2012 | 1/14/2016 | 4/14/2017 | 8/2/2017 | N | Y | N | 137,075 | 259,660 | 259,660 | | Y | | N | Local Trans-north-North Valley-Tehama County |
| 162 | Capital | Base | Y | 27055 | 30320364 | 3K | Gas Trans Remediate | 3K8 | Coupon Test Station | 5750360-1058 CTS INSTALLATION | GT 1058 CTS INSTALLATION | Close-Out | 9/21/2012 | 9/22/2014 | 9/1/2015 | 9/1/2015 | N | N | Y | 26,046 | 313,646 | 313,646 | | N/A | | N | Local Trans-north-East Bay-north-Contra Costa Coun |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP Gate | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or MAT Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Regulatory Recommendation (Y/N/ N/A) | District/Division/County |
| 163 | Capital | Base | Y | 27083 | 30037476 | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763045-212 CTS INSTALLATION | GT 212 CTS INSTALLATION | Close-Out | 5/21/2012 | 9/8/2014 | 6/5/2015 | 6/5/2015 | N | N | Y | 44,586 | 434,773 | 434,773 | | Y | | N | Local Trans-north-North Coast-[illegible] County |
| 164 | Capital | Base | Y | 27084 | 30037470 | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763050-220 CTS INSTALLATION | 220 CTS INSTALLATION | Close-Out | 5/21/2012 | 11/18/2013 | 6/7/2015 | 6/3/2014 | N | N | Y | 32,403 | 271,281 | 271,281 | | Y | | N | Local Trans-north-Sacramento-Solano County |
| 165 | Capital | Base | Y | 27085 | 30037523 | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763286-172A CTS INSTALLATION | 172A CTS INSTALLATION | Close-Out | 5/24/2012 | 12/14/2013 | 6/22/2015 | 6/22/2015 | N | N | Y | 135,858 | 1,041,381 | 1,041,381 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 166 | Capital | Base | Y | 27318 | 30041184 | 3K | Gas Trans Remediate | 3L9 | Cathodic Protection | 5763303-TOPOCK L300A RECTIFIER/ANODE | TOPOCK L300A RECTIFIER/ANODE | Close-Out | 5/30/2012 | 3/14/2014 | 6/25/2016 | 12/9/2016 | N | N | N | 5,355 | 280,334 | 280,334 | | N/A | | N | Topock-San Bernardino County |
| 167 | Capital | Base | Y | 27540 | 30041139 | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763465-L-401 MP 195.85-197.79 INSTALL 10 CTS | GT L-401 MP 195.85-197.79 INSTALL 10 CTS | Close-Out | 6/25/2012 | 9/9/2013 | 3/4/2014 | 3/4/2014 | N | N | N | 10,512 | 354,551 | 354,551 | | N | | N | Williams-Glenn County |
| 168 | Capital | Base | Y | 27673 | 30022631 | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763523-TRACY ENVIRO CTS | GT TRACY ENVIRO CTS | Close-Out | 7/30/2012 | 8/28/2014 | 9/9/2014 | 3/31/2015 | N | N | N | 32,700 | 848,079 | 848,079 | | N/A | | N | Tracy-Stockton-San Joaquin County |
| 169 | Capital | Base | Y | 27804 | 30046033 | 3K | Gas Trans Remediate | 3L9 | Cathodic Protection | 5763481-L-300B MP 10.50 TEG | GT L-300B MP 10.50 TEG | Close-Out | 8/18/2012 | 7/2/2013 | 12/5/2013 | 1/23/2015 | N | N | N | 5,801 | 332,100 | 332,100 | | N | | N | Topock-San Bernardino County |
| 170 | Capital | Base | Y | 28260 | 30261003 | 3K | Gas Trans Remediate | 3L9 | Cathodic Protection | 5763455-L-300A MP 127 TEG | GT L-300A MP 127 TEG | Close-Out | 10/4/2012 | 2/6/2014 | 4/25/2014 | 6/3/2015 | N | N | N | 4,255 | 250,035 | 250,035 | | N | | N | Hinkley-San Bernardino County |
| 171 | Capital | Base | Y | 29759 | 30277591 | 3K | Gas Trans Remediate | 3L1 | AC Interf Fault Mit | 5763494-L-300A MP 180 INSTALL AC MITIGATION | "OASC" L-300A MP 180 INSTALL AC MITIGATED | Close-Out | 3/1/2013 | 3/1/2013 | 4/7/2015 | 4/7/2015 | N | N | Y | -24,880 | -154 | -154 | | N | | N | Hinkley-San Bernardino County |
| 172 | Capital | Base | Y | 30020 | [illegible] | 3K | Gas Trans Remediate | 3L8 | Coupon Test Station | 5763444-L-124A&B CTS INSTALLATION | L-124A&B CTS INSTALLATION | Close-Out | 9/26/2013 | 12/9/2013 | 12/13/2014 | 12/13/2014 | N | N | N | 383 | 434,083 | 434,083 | | N/A | | N | Local Trans-north-Sierra-Placer County |
| 173 | Capital | Base | Y | 31763 | 31004237 | 3K | Gas Trans Remediate | 3L4 | AC Interf Induced Mit | 5763514-L-191 AC MITIGATION | L-191 AC MITIGATION | Construction | 3/1/2014 | 9/21/2016 | 10/5/2015 | 10/20/2015 | N | Y | N | 61,176 | 74,487 | 74,487 | | N/A | | N | Los Medanos-Contra Costa County |
| 174 | Capital | Base | Y | 33252 | 31005184 | 3K | Gas Trans Remediate | 3L9 | Casing Mitigation | 5763619-CASING REMEDIATION 3010 MP 2.01 | CASING REMEDIATION 3010 MP 2.01 | Close-Out | 2/7/2014 | 10/30/2014 | 11/10/2014 | 11/6/2014 | N | N | N | 5,870 | 274,338 | 274,338 | | N | | N | Local Trans-south-Central Coast-Monterey County |
| 175 | Capital | Base | Y | 33284 | 31007128 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763414-CASING REMEDIATION 0838-01 MP 2.37 | CASING REMEDIATION 0838-01 MP 2.37 | Close-Out | 3/28/2014 | 4/4/2014 | 10/30/2014 | 10/6/2014 | N | N | N | 25,586 | 424,048 | 424,048 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 176 | Capital | Base | Y | 33339 | 31030006 | 3K | Gas Trans Remediate | 3L0 | Cathodic Protection | 5763574-L 132 CP INSTALL SAN BRUNO MTN | L 132 CP INSTALL SAN BRUNO MTN | Construction | 6/19/2014 | 8/22/2014 | 9/25/2015 | 11/25/2015 | N | Y | N | 40,843 | 308,885 | 308,885 | | N/A | | N | Local Trans-south-Peninsula-Santa Clara County |
| 177 | Capital | Base | Y | 33752 | 31074587 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763555-GT-C02 L177A_MP 94.08_CASING REMEDIATION | GT-C02 L177A_MP 94.08_CASING REMEDIATION | Close-Out | 5/1/2014 | 7/21/2014 | 10/30/2014 | 10/14/2014 | N | N | N | 32,124 | 1,094,584 | 1,094,584 | | N/A | | N | Local Trans-north-North Valley-Trinity County |
| 178 | Capital | Base | Y | 34132 | 31060030 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763424-CASING REMOVAL 1833-01 MP 0.753 | CASING REMOVAL 1833-01 MP 0.753 | Close-Out | 6/2/2014 | 6/18/2015 | 9/7/2015 | 4/23/2016 | N | N | Y | 274,314 | 259,075 | 259,075 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 179 | Capital | Base | Y | 34185 | 31081845 | 3K | Gas Trans Remediate | 3L8 | Casing Mitigation | 5763425-CASING REMOVAL 0621-02 MP 8.18 | CASING REMOVAL 0621-02 MP 8.18 | Close-Out | 6/1/2014 | 10/10/2014 | 2/11/2015 | 11/30/2014 | N | N | Y | 172,876 | 770,911 | 770,911 | | N/A | | N | Local Trans-south-De Anza-Santa Clara County |
| 180 | Capital | Base | Y | 34157 | 31082306 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763411-CASING REMEDIATION 0218 MP 63.74 | GT CASING REMEDIATION 0218 MP 63.74 | Close-Out | 6/27/2014 | 11/8/2014 | 1/29/2015 | 1/15/2015 | N | N | Y | 149,274 | 683,773 | 683,773 | | N/A | | N | Local Trans-north-North Coast-Santa Rosa-Sonoma Co |
| 181 | Capital | Base | Y | 34172 | 31083422 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763412-CASING REMEDIATION 0218 MP 67.74 | GT CASING REMEDIATION 0218 MP 67.74 | Close-Out | 12/8/2014 | 10/18/2014 | 1/28/2015 | 1/15/2015 | N | N | Y | 228,607 | 472,078 | 472,078 | | N/A | | N | Local Trans-north-North Coast-Santa Rosa-Sonoma Co |
| 182 | Capital | Base | Y | 34343 | 31086719 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763420-CASING REMOVAL 0813-01 MP 0.87 | GT CASING REMOVAL 0813-01 MP 0.87 | Close-Out | 8/1/2014 | 11/27/2014 | 12/15/2014 | 11/27/2014 | N | N | N | 25,674 | 671,980 | 671,980 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 183 | Capital | Base | Y | 35860 | 31104923 | 3K | Gas Trans Remediate | 3L9 | Casing Mitigation | 5763323-0214-01_MP0.00-1.71 | DFM-0214-01_MP 0.88 CASING REMEDIATION | Construction | 10/8/2014 | 9/30/2016 | 4/29/2016 | 4/10/2016 | N | Y | N | 148,742 | 147,750 | 362,029 | | N | | N | Local Trans-south-Peninsula-San Mateo County |
| 184 | Capital | Base | Y | 36037 | 31104927 | 3K | Gas Trans Remediate | 3L9 | Casing Mitigation | 5763370-0819-03_MP0.00-3.36 | DFM 0819-03_MP 1.85 CASING REMEDIATION | Construction | 10/8/2014 | 6/13/2016 | 6/29/2016 | 4/28/2016 | N | Y | N | 18,487 | 19,862 | 321,034 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 185 | Capital | Base | Y | 36139 | 31108815 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763353-0216-07_MP0.0000-0.0020 | DFM-0216-01_MP 0.45 CASING REMEDIATION | Close-Out | 10/3/2014 | 4/21/2015 | 5/18/2015 | 6/2/2016 | N | N | Y | 303,620 | 335,218 | 335,218 | | Y | | N | Local Trans-south-Peninsula-San Mateo County |
| 186 | Capital | Base | Y | 36330 | 31111234 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763427-DFM 0819-02 MP 0.31 | DFM 0819-02 MP 0.31 CASING REMEDIATION | Close-Out | 8/7/2014 | 3/4/2015 | 3/14/2015 | 3/14/2015 | N | N | Y | 370,676 | 374,978 | 374,978 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 187 | Capital | Base | Y | 36332 | 31111236 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763475-LINE 0804-03 MP 0.80 | LINE 0804-03 MP 0.80 CASING REMOVAL | Construction | 8/29/2014 | 9/11/2015 | 9/15/2015 | 4/12/2015 | N | Y | N | 369,601 | 370,829 | 370,829 | | Y | | N | Local Trans-north-Sacramento-Solano County |
| 188 | Capital | Base | Y | 36380 | 31127411 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763408-LINE 108 MP 47.09 | LINE 108 MP 47.09 CASING REMOVAL | Close-Out | 8/23/2014 | 1/19/2015 | 2/9/2015 | 6/25/2015 | N | N | Y | 203,691 | 210,250 | 210,250 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 189 | Capital | Base | Y | 36381 | 31127412 | 3K | Gas Trans Remediate | 3L5 | Casing Mitigation | 5763539-LINE 191-1 MP 34.27 | LINE 191-1 MP 34.27 CASING REMOVAL | Close-Out | 9/29/2014 | 11/12/2014 | 12/25/2015 | 11/25/2014 | N | N | N | 110,013 | 536,467 | 536,467 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 190 | Capital | Base | Y | 36367 | 31130121 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763538-LINE 3000-01 MP 5.7 | LINE 3000-01 MP 5.7 CASING REMOVAL | Close-Out | 10/15/2014 | 1/8/2015 | 3/9/2016 | 6/29/2015 | N | N | Y | 437,545 | 482,015 | 482,015 | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 191 | Capital | Base | Y | 36386 | 31130120 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763029-LINE 153 MP 20.13 | LINE 153 MP 20.13 CASING REMOVAL | Close-Out | 10/18/2014 | 12/22/2014 | 2/13/2015 | 1/22/2015 | N | N | Y | 405,660 | 482,380 | 422,383 | | Y | | N | Local Trans-north-East Bay-north-Alameda County |
| 192 | Capital | Base | Y | 36552 | 31115011 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763407-LINE 108 MP 19.10 CASING REMEDIATION | LINE 108 MP 19.10 CASING REMEDIATION | Close-Out | 10/9/2014 | 2/27/2015 | 6/3/2015 | 3/21/2015 | N | N | Y | 606,184 | 613,418 | 613,413 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 193 | Capital | Base | Y | 36566 | 31115019 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763040-LINE DCUST2053 MP 0.02 | LINE DCUST2053 MP 0.02 CASING REMEDIATIO | Construction | 11/1/2014 | 11/1/2014 | 12/28/2016 | 12/28/2016 | N | Y | N | 7,370 | 7,503 | 303,070 | | N/A | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 194 | Capital | Base | Y | 38674 | 31117721 | 3K | Gas Trans Remediate | 3L3 | Casing Mitigation | 5763528-LINE 1203-03 MP 3.13 | LINE 1203-03 MP 3.13 CASING REMEDIATION | Close-Out | 8/5/2014 | 3/10/2015 | 5/14/2015 | 6/30/2015 | N | N | Y | 376,337 | 378,213 | 378,213 | | N | | N | Local Trans-south-Fresno-Fresno County |
| 195 | Capital | Base | Y | 17668 | 30004055 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725825-STORAGE WELL REWORK LM 2014 | LOS MEDANOS REWORK WELL 4C (2012) | Close-Out | 1/5/2012 | 3/1/2012 | 12/17/2012 | 12/17/2012 | N | N | N | | 1,022,252 | 1,022,252 | | N/A | 2011 | N | Los Medanos-Diablo-Contra Costa County |
| 196 | Capital | Base | Y | 17669 | 30004080 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725828-30004080-LOS MEDANOS REWORK WELL 4S | LOS MEDANOS REWORK WELL 4S | Close-Out | 1/31/2013 | 3/1/2013 | 6/7/2013 | 6/7/2013 | N | N | N | 137 | 1,301,425 | 1,301,425 | | N/A | 2011 | N | Los Medanos-Diablo-Contra Costa County |
| 197 | Capital | Base | Y | 17659 | 30004050 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725827-STORAGE WELL REWORK MID 2014 | MCD ISLAND REWORK WELL W6B8 (2012) | Close-Out | 1/5/2012 | 2/1/2012 | 1/14/2013 | 1/14/2013 | N | N | N | | 704,143 | 704,143 | | N/A | 2011 | N | McDonald Island-Diablo-Contra Costa County |
| 198 | Capital | Base | Y | 17660 | 30004081 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725829-30004081-MCD ISLAND REWORK WELL TC 1N (2 | GT MCD ISLAND REWORK WELL TC 1N (2013) | Close-Out | 1/31/2013 | 2/1/2013 | 4/30/2014 | 4/30/2014 | N | N | N | 22,898 | 1,947,857 | 1,947,857 | | Y | 2011 | N | McDonald Island-Diablo-Contra Costa County |
| 199 | Capital | Base | Y | 17664 | 30004083 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759823-MCD ISLAND REWORK WELL TC-083 (2014) | MCD ISLAND REWORK WELL TC-083 (2014) | Close-Out | 1/10/2014 | 4/11/2014 | 4/29/2015 | 8/18/2014 | N | N | Y | 115,197 | 1,233,130 | 1,233,130 | | N/A | | N | McDonald Island-Diablo-Contra Costa County |
| 200 | Capital | Base | Y | 17658 | 30004085 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759824-MCD ISLAND REWORK WELL TC-123 (2014) | MCD ISLAND REWORK WELL TC-123 (2014) | Close-Out | 1/10/2014 | 4/15/2014 | 4/28/2015 | 10/7/2014 | N | N | Y | 208,677 | 1,607,308 | 1,607,308 | | N/A | | N | McDonald Island-Diablo-Contra Costa County |
| 201 | Capital | Base | Y | 17662 | 30004088 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725839-STORAGE WELL REWORK MID 2012 | MCD ISLAND REWORK WELL W6B8 (2012) | Close-Out | 1/5/2012 | 2/1/2012 | 1/14/2013 | 1/14/2013 | N | N | N | | 1,201,040 | 1,201,040 | | N/A | 2011 | N | McDonald Island-Diablo-Contra Costa County |
| 202 | Capital | Base | Y | 17663 | 30004069 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725637-30004069-MCD ISLAND REWORK WELL TC 1N ( | MCD ISLAND REWORK WELL TC 1N (2013) | Close-Out | 1/31/2013 | 2/1/2013 | 1/9/2014 | 1/9/2014 | N | N | N | 636 | 1,504,653 | 1,504,653 | | Y | 2011 | N | McDonald Island-Diablo-Contra Costa County |
| 203 | Capital | Base | Y | 17664 | 30004070 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759825-MCD ISLAND REWORK WELL TC-083 (2014) | MCD ISLAND REWORK WELL TC-083 (2014) | Close-Out | 1/10/2014 | 4/15/2014 | 4/29/2015 | 8/18/2014 | N | N | Y | 87,950 | 1,090,153 | 1,090,153 | | N/A | | N | McDonald Island-Diablo-San Joaquin County |
| 204 | Capital | Base | Y | 17665 | 30004074 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725840-30004074-MCD ISLAND REWORK WELL W5T6 (20 | MCD ISLAND REWORK WELL W5T6 (2012) | Close-Out | 1/5/2012 | 2/1/2012 | 1/14/2013 | 1/14/2013 | N | N | N | | 1,125,717 | 1,125,717 | | N/A | 2011 | N | McDonald Island-Diablo-Contra Costa County |
| 205 | Capital | Base | Y | 17680 | 30004075 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725843-30004075-MCD ISLAND REWORK WELL TC 9N (2 | MCD ISLAND REWORK WELL TC 9N (2013) | Close-Out | 1/31/2013 | 2/1/2013 | 1/9/2014 | 1/9/2014 | N | N | N | 275 | 1,574,625 | 1,574,625 | | Y | 2011 | N | McDonald Island-Diablo-San Joaquin County |
| 206 | Capital | Base | Y | 17681 | 30004076 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759826-MCD ISLAND REWORK WELL TC-17N (2014) | MCD ISLAND REWORK WELL TC-17N (2014) | Close-Out | 1/10/2014 | 4/15/2014 | 4/29/2015 | 8/23/2014 | N | N | Y | 359,625 | 1,580,131 | 1,580,131 | | N/A | | N | McDonald Island-Diablo-Contra Costa County |
| 207 | Capital | Base | Y | 17709 | 30004080 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725845-30004080-MCD ISLAND REWORK WELL W6128 (2 | MCD ISLAND REWORK WELL W6128 (2012) | Close-Out | 1/5/2012 | 2/1/2012 | 1/14/2013 | 1/14/2013 | N | N | N | | 843,023 | 843,023 | | N/A | 2011 | N | McDonald Island-Diablo-San Joaquin County |
| 208 | Capital | Base | Y | 17711 | 30004012 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725322-30004012-MCD ISLAND REWORK WELL TC 10N ( | GT MCD ISLAND REWORK WELL TC 10N (2013) | Close-Out | 1/31/2013 | 3/1/2013 | 1/9/2014 | 1/9/2014 | N | N | N | 5,405 | 1,880,409 | 1,880,409 | | Y | 2011 | N | McDonald Island-Diablo-San Joaquin County |
| 209 | Capital | Base | Y | 17717 | 30004081 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759827-MCD ISLAND REWORK WELL TC-133 (2014) | MCD ISLAND REWORK WELL TC-133 (2014) | Close-Out | 1/10/2014 | 4/15/2014 | 4/29/2015 | 11/21/2014 | N | N | Y | 304,911 | 1,021,613 | 1,021,613 | | N/A | | N | McDonald Island-Diablo-San Joaquin County |
| 210 | Capital | Base | Y | 17721 | 30004085 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725254-30004085-MCD ISLAND REWORK WELL W2369 (20 | MCD ISLAND REWORK WELL W2369 (2012) | Close-Out | 1/5/2012 | 2/1/2012 | 1/14/2013 | 1/14/2013 | N | N | N | | 1,391,091 | 1,391,091 | | N/A | 2011 | N | McDonald Island-Diablo-San Joaquin County |
| 211 | Capital | Base | Y | 17722 | 30004088 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5725323-30004088-MCD ISLAND REWORK WELL TC 2N (2 | MCD ISLAND REWORK WELL TC 2N (2013) | Close-Out | 1/31/2013 | 3/1/2013 | 1/9/2014 | 1/9/2014 | N | N | N | 2,430 | 1,583,845 | 1,583,845 | | Y | 2011 | N | McDonald Island-Diablo-San Joaquin County |
| 212 | Capital | Base | Y | 17723 | 30004087 | 3L | Gas Trans Storage Wls | 3L3 | Storage Well Rework | 5759828-MCD ISLAND REWORK WELL TC-05N (2014) | MCD ISLAND REWORK WELL TC-05N (2014) | Close-Out | 1/10/2014 | 4/15/2014 | 4/29/2015 | 8/18/2014 | N | N | Y | 46,584 | 1,492,799 | 1,492,799 | | N/A | | N | McDonald Island-Diablo-San Joaquin County |
| 213 | Capital | Base | Y | 18003 | 30078803 | 3L | Gas Trans Storage Wls | 3L1 | Reg Stn Aux_Valves_A | 5501057-GSM PIPELINE RELIABILITY/SAFETY | L-103N MP 22.60 INSTALL EMRCO STATION | Close-Out | 1/27/2010 | 2/1/2010 | 10/4/2012 | 10/4/2012 | N | N | N | 1,069 | 2,716,872 | 2,716,872 | | N/A | | N | Local Trans-north-Mission-Alameda County |
| 214 | Capital | Base | Y | 20240 | 30712214 | 3L | Gas Trans Storage Wls | 3L1 | Reg Stn Aux_Valves_A | 5501057-GSM PIPELINE RELIABILITY/SAFETY | L-107 LIVERMORE JUNCTION INSTALL MONITOR | Close-Out | 8/1/2009 | 8/1/2009 | 4/29/2011 | 4/29/2011 | N | N | N | 607 | 600,686 | 600,635 | | N/A | 2011 | N | Tracy-Mission-San Joaquin County |
| 215 | Capital | Base | Y | 37172 | 30079464 | 3L | Gas Trans Storage Wls | 3L4 | Storage Other | 5757183-30079464 - MCD IS-REPL OLD WELL CONTROLS | MCD IS - REPLACE OLD WELL CONTROLS | Construction | 8/18/2013 | 7/1/2015 | 9/15/2015 | 9/15/2015 | N | Y | N | 782,860 | 953,087 | 6,130,626 | | Y | | N | McDonald Island-Diablo-San Joaquin County |
| 216 | Capital | Base | Y | 39273 | 30071869 | 3L | Gas Trans Storage Wls | 3L4 | Storage Other | 5760718-30071869-LOS MEDANOS INSTALL STARTING AI | PLEASANT CREEK WELL OVERFLOW PROTECTION | Construction | 1/1/2013 | 1/1/2013 | 11/30/2016 | 11/30/2016 | N | Y | N | 12 | 321 | 6,018,281 | | N | | N | Los Medanos-Sacramento-Contra Costa County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSES (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement Recommendation (Y/N/ N/A) | District/Division/County |
| 217 | Capital | Base | Y | 33050 | 31032032 | 3L | Gas Trans Storage Wte | 3LA | Storage Other | 5750161-31032032-LOS MEDANOS PAD ELECT ACTRL UPG | LOS MEDANOS PAD ELECTRICAL <P&A> CONTR | Construction | 3/1/2014 | 6/2/2015 | 11/9/2015 | 10/10/2015 | N | Y | N | 255,113 | 278,438 | 3,408,318 | | N/A | | N | Los Medanos-East Bay-north-Contra Costa County |
| 218 | Capital | Base | Y | 35030 | 31105032 | 3L | Gas Trans Storage Wte | 3LA | Storage Other | 5750601-GILL RANCH PROJECTS - 2014 | GILL RANCH PROJECTS | Construction | 1/1/2013 | 1/1/2015 | 12/29/2019 | 12/29/2019 | Y | Y | N | 613,104 | 614,082 | 2,465,082 | | N/A | | N | Kettleman-Fresno County |
| 219 | Capital | Base | Y | 25550 | 6713421 | 44 | Gas Capital/GasTrans | 44A | Stan-Pac Capital | 5000721-CGT, CSS, STANPAC CAPITAL | R-400 SPAS RPLC 200 BURRELL BLVD FOR CHE | Construction | 12/7/2010 | 6/1/2010 | 8/11/2015 | 8/11/2015 | N | N | N | | 15,333 | 15,333 | | N/A | | N | Local Trans-north-East Bay-north-Contra Costa Coun |
| 220 | Capital | Base | Y | 25520 | 67000500 | 44 | Gas Capital/GasTrans | 44A | Stan-Pac Capital | 5000721-CGT, CSS, STANPAC CAPITAL | SP4Z MP 7.31 - 8.15 RETIRE SJ RIVER XING | Close-Out | 1/5/2012 | 6/1/2012 | 9/27/2013 | 9/27/2013 | N | N | N | 225,773 | 567,528 | 4,656,857 | | N/A | | N | Rio Vista-San-Contra Costa County |
| 221 | Capital | Base | Y | 25520 | 67000505 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | 21LVE AUTO - ANTIOCH TOWN METER STA PH-1 | Close-Out | 1/5/2012 | 11/1/2012 | 3/31/2013 | 3/31/2013 | N | N | N | | 1,139 | 1,139 | | N/A | 2011P | N | Local Trans-north-Diablo-Contra Costa County |
| 222 | Capital | Base | Y | 25521 | 67000501 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | VALVE AUTO - SP9-LINE 191 MTR STA, PH. 1 | Close-Out | 1/1/2011 | 6/1/2012 | 3/18/2013 | 3/18/2013 | N | N | N | | 900,491 | 900,491 | | N/A | 2011P | N | Los Medanos-Contra Costa County |
| 223 | Capital | Base | Y | 25522 | 67000321 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | 31LVE AUTO - LOS MEDANOS, PH. 1 | Close-Out | 1/5/2012 | 4/13/2013 | 8/21/2013 | 8/21/2013 | N | N | N | 1,373 | 805,695 | 805,695 | | N/A | 2011P | N | Los Medanos-Contra Costa County |
| 224 | Capital | Base | Y | 25523 | 67000324 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | VALVE AUTO - CONCORD METER STA. PH. 1 | Close-Out | 8/1/2011 | 7/29/2013 | 8/20/2013 | 8/12/2013 | N | N | N | 4,879 | 840,338 | 840,338 | | N/A | 2011P | N | Local Trans-north-Diablo-Contra Costa County |
| 225 | Capital | Base | Y | 25524 | 67000325 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | VALVE AUTO - VINE HILL PH-1 | Close-Out | 1/5/2012 | 2/19/2013 | 7/16/2013 | 7/2/2013 | N | N | N | 4,574 | 1,604,057 | 1,604,057 | | N/A | 2011P | N | Local Trans-north-Diablo-Contra Costa County |
| 226 | Capital | Base | Y | 25525 | 67000326 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | VALVE AUTO - "C" STREET STA PH-1 | Close-Out | 6/1/2011 | 6/1/2011 | 4/5/2013 | 4/5/2013 | N | N | N | | 1,275,618 | 1,275,618 | | N/A | 2011P | N | Local Trans-north-Diablo-Contra Costa County |
| 227 | Capital | Base | Y | 25527 | 67000327 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | VALVE AUTO - FRANKLIN CANYON, PH. 1 | Close-Out | 6/1/2011 | 6/1/2011 | 4/5/2013 | 4/5/2013 | N | N | N | | 593,957 | 593,957 | | N/A | 2011P | N | Local Trans-north-East Bay-south-Alameda County |
| 228 | Capital | Base | Y | 24009 | 67000301 | 44 | Gas Capital/GasTrans | 44A | Stan-Pac Capital | 5000721-CGT, CSS, STANPAC CAPITAL | SP4Z RETIRE 0.2580 MP 8.18-8.43 PH1 | Close-Out | 12/1/2011 | 3/8/2013 | 5/28/2013 | 5/28/2013 | N | N | N | 7,658 | 419,385 | 419,385 | | N/A | 2011P | N | Los Medanos-Diablo-Contra Costa County |
| 229 | Capital | Base | Y | 27001 | 67001281 | 44 | Gas Capital/GasTrans | 44A | Stan-Pac Capital | 5000721-CGT, CSS, STANPAC CAPITAL | GT SP3 CTS INSTALLATION | Close-Out | 8/21/2012 | 8/22/2014 | 6/27/2015 | 6/27/2015 | N | N | Y | 17,400 | 317,594 | 317,594 | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 230 | Capital | Base | Y | 27031 | P.04665 | 44 | Gas Capital/GasTrans | 44B | PSEP Stanpac Capital | 5000121-STANPAC EXPENSE | Dollar Flat Station Upgrade | Close-Out | 5/10/2012 | 5/15/2013 | 10/15/2013 | 10/7/2013 | N | N | N | 4,328 | 3,053,293 | 3,053,293 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 231 | Capital | Base | Y | 31511 | 67002581 | 44 | Gas Capital/GasTrans | 44A | Stan-Pac Capital | 5000721-CGT, CSS, STANPAC CAPITAL | GT SP-3 ABANDONED PIPE REMOVAL | Close-Out | 8/8/2014 | 12/6/2014 | 3/10/2015 | 3/7/2015 | N | N | Y | 69,690 | 359,511 | 359,511 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 232 | Capital | Base | Y | 17458 | P.02157 | 73 | GT Pipeline Capacity | 73A | Capacity and MOP | 5725035-P.02605-L-407 PH.2 | L-400 Expansion Project | Close-Out | 6/1/2005 | 6/1/2005 | 10/4/2010 | 10/4/2010 | N | N | N | | 60,101,704 | 60,237,824 | | N/A | 2011 | N | Local Trans-north-North Valley-Sacramento County |
| 233 | Capital | Base | Y | 19241 | P.02605 | 73 | GT Pipeline Capacity | 73A | Capacity and MOP | 5725035-P.02605-L-407 PH.2 | L-407 Ph.2 | Construction | 11/10/2005 | 1/1/2008 | 12/27/2017 | 12/27/2017 | N | Y | N | 8,600,767 | 314,632,135 | 369,052,018 | | N/A | | N | Local Trans-north-Sacramento-Yolo County |
| 234 | Capital | Base | Y | 35534 | 30080531 | 73 | GT Pipeline Capacity | 73B | Betterment | 5513025-L215 MP7.0-7.65 XING REPL/REAV SJ RVR | "CANC" L-148 MP 17.35-17.60 REPL 6"-12 | Close-Out | 2/4/2013 | 3/1/2013 | 6/25/2015 | 12/1/2015 | N | Y | N | 353 | 9,152 | 9,152 | | Y | | N | Local Trans-south-Yosemite-Stanislaus County |
| 235 | Capital | Base | Y | 31152 | 31000057 | 73 | GT Pipeline Capacity | 73A | Capacity and MOP | 5757259-31000057 - L-157 MP 17.41-29.24 REPL 1.5 | GT R-375 L-157 1.5mi MP 17.41-29.24 REP | Close-Out | 6/29/2013 | 6/25/2014 | 1/14/2015 | 8/30/2014 | N | N | Y | 57,731 | 11,169,795 | 11,169,795 | | N | | N | Local Trans-north-Sierra-Sutter County |
| 236 | Capital | Base | Y | 5719 | 30302502 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | R-317 L-147 MP 0.65-1.20 RELOCATE 6000FT | Construction | 8/6/2014 | 1/6/2017 | 8/24/2017 | 4/25/2017 | N | Y | N | 2,776 | 15,589 | 7,597,259 | | Y | | N | Local Trans-south-Peninsula-San Mateo County |
| 237 | Capital | Base | Y | 6846 | 30302485 | 75 | GT Pipeline Reliabil | 75D | Capital Repair | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-2 DESIGN & FAB. CANAL XING SUPPORTS | Construction | 6/22/2009 | 7/1/2002 | 12/31/2017 | 12/31/2017 | N | Y | N | 5,480 | 155,567 | 1,655,597 | | N/A | 2011 | N | Tracy-Stockton-San Joaquin County |
| 238 | Capital | Base | Y | 15823 | 30302595 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501535-GSM REG STATIONS | REMOVE BUTTONWILLOW M&R STATION L300 | Construction | 12/19/2005 | 3/1/2012 | 7/6/2015 | 7/6/2015 | N | Y | N | 8,312 | 155,208 | 687,255 | | N | | N | L300-north-Kern-Kern County |
| 239 | Capital | Base | Y | 14800 | P.04507 | 75 | GT Pipeline Reliabil | 75A | Cathodic Protection | 5767203-31002026 - INTEGRITY INSPECTIONS & CTS I | Cathodic Protection Program 2004-2008 | Close-Out | 9/15/1999 | 1/1/2004 | 8/23/2012 | 8/28/2012 | N | N | N | | 8,608,335 | 8,608,335 | | N/A | 2011 | N | Systemwide-Systemwide-Sacramento County |
| 240 | Capital | Base | Y | 15143 | 30500580 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-177A LITTLE SALMON CREEK FAULT XING | Construction | 9/7/2004 | 7/20/2016 | 11/5/2016 | 12/7/2016 | N | Y | N | -238,904 | 39,038 | 529,113 | | N | | N | Local Trans-north-North Coast-eureka-Humboldt Coun |
| 241 | Capital | Base | Y | 15889 | 30500650 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501650-GSM REG STATIONS | L-300 HELM TAP STATION-UPGRADE | Close-Out | 12/6/2004 | 11/1/2005 | 10/18/2011 | 10/18/2011 | N | N | N | 13,524 | 570,318 | 570,318 | | N/A | | N | Kettleman-Fresno-Fresno County |
| 242 | Capital | Base | Y | 15942 | 30503309 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-300A, MP 282.25 CCC 10050-GREELY | Engineering/Permitting | 12/19/2005 | 12/19/2005 | 12/12/2014 | 12/12/2014 | N | N | N | | | 14,500,000 | | N/A | 2008, 2011 | N | L300-north-Kern-Multiple Counties |
| 243 | Capital | Base | Y | 17502 | 30507402 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-211, MP 10.46 NORTH SLOUGH NAPA | Close-Out | 3/1/2005 | 3/1/2005 | 9/4/2008 | 9/4/2008 | N | N | N | 6,203 | 446,001 | 445,081 | | N/A | | N | Local Trans-north-North Coast-ukiah-Solano County |
| 244 | Capital | Base | Y | 17503 | 30508251 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L215, MP 107, HAEHL CRK. WILLITS. ERCON | Close-Out | 3/1/2005 | 3/1/2006 | 12/4/2008 | 12/4/2008 | N | N | N | 4,590 | 476,857 | 476,857 | | Y | | N | Local Trans-north-North Coast-ukiah-Mendocino Coun |
| 245 | Capital | Base | Y | 17729 | P.02750 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | Install Rectifier Remote Monitors | Close-Out | 6/1/2007 | 8/1/2007 | 1/15/2009 | 1/15/2009 | N | N | N | 589 | 6,780,590 | 6,780,096 | | N/A | 2008, 2011 | N | Local Trans-Systemwide-Multiple Counties |
| 246 | Capital | Base | Y | 17977 | 30506252 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L21E, MP 76, ADT'L RELOCATE 100' 12"-TP | Close-Out | 9/1/2008 | 9/1/2009 | 6/30/2010 | 6/30/2010 | N | N | N | 2,188 | 553,371 | 553,371 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 247 | Capital | Base | Y | 14825 | 30712773 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | 108 MP 38.17-40.27 REPLACE | Construction | 1/18/2011 | 4/10/2016 | 8/15/2016 | 7/6/2016 | N | Y | N | 104,755 | 1,198,453 | 13,400,174 | | N | 2011 | N | Local Trans-north-Stockton-San Joaquin County |
| 248 | Capital | Base | Y | 15034 | 30304183 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-131 MP 48.34 - 50.57 RETIRE FREMONT | Construction | 3/1/2010 | 7/15/2015 | 4/28/2016 | 4/28/2016 | N | Y | N | 723,686 | 1,535,107 | 1,942,784 | | N/A | | N | Milpitas-Alameda County |
| 249 | Capital | Base | Y | 18035 | 30604187 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-132 MP 1.25-1.87 REPLACE | Close-Out | 12/1/2010 | 12/1/2010 | 11/16/2012 | 11/16/2012 | N | N | N | 25,225 | 9,594,613 | 9,594,613 | | N/A | | N | Milpitas-San Jose-Santa Clara County |
| 250 | Capital | Base | Y | 18035 | 30604188 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-132 MP 42.95-43.65 REPLACE - SOUTH SF | Close-Out | 1/1/2009 | 1/1/2009 | 11/30/2012 | 11/30/2012 | N | N | N | -124,117 | 20,432,982 | 20,422,982 | | N/A | 2008, 2011 | N | Local Trans-south-Peninsula-San Mateo County |
| 251 | Capital | Base | Y | 18039 | 30641015 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | DFM-7221-15 REPL 1,650 MP 0.04-1.00 PH1 | Close-Out | 1/21/2009 | 7/25/2012 | 11/14/2013 | 11/9/2012 | N | N | N | 20,339 | 9,302,777 | 9,302,777 | | Y | 2008, 2011 | N | Local Trans-south-Yosemite-Stanislaus County |
| 252 | Capital | Base | Y | 16500 | P.02912 | 75 | GT Pipeline Reliabil | 75A | Cathodic Protection | 7220670-GSM CATHODIC PROTECTION | Cathodic Protection Program | Construction | 1/31/2006 | 3/1/2010 | 6/24/2014 | 6/24/2014 | N | N | N | 284,180 | 12,498,256 | 12,541,001 | | N/A | | N | Systemwide-Systemwide-Sacramento County |
| 253 | Capital | Base | Y | 16579 | 30504310 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | 108 MP 42.29-43.40 REPLACE | Construction | 1/31/2008 | 6/29/2015 | 12/17/2018 | 11/16/2018 | N | Y | N | 1,546,423 | 3,297,517 | 6,802,529 | | N | 2011 | N | Local Trans-north-Stockton-Sacramento County |
| 254 | Capital | Base | Y | 16591 | 30504312 | 75 | GT Pipeline Reliabil | 75D | Capital Repair | 5501657-GSM PIPELINE RELIABILITY/SAFETY | N GAC UNDERGROUND HOLDER REPL V-142 OPERATOR | Close-Out | 1/1/2005 | 1/1/2005 | 12/19/2008 | 12/19/2008 | N | N | N | 698 | 236,503 | 236,391 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 255 | Capital | Base | Y | 19735 | 30600906 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501535-GSM REG STATIONS | DFM 0407-01 MP 3.11 PINE ST REG STA | Construction | 2/1/2005 | 2/1/2009 | 7/13/2016 | 7/13/2016 | N | Y | N | 345,136 | 2,016,365 | 2,018,365 | | Y | | N | Local Trans-north-North Bay-Napa Coun |
| 256 | Capital | Base | Y | 19844 | 30524834 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP 20.01-28.81 REPLACE 3150FT - 36IN | Close-Out | 8/12/2010 | 5/14/2014 | 7/23/2015 | 10/7/2014 | N | Y | N | 502,579 | 19,054,247 | 19,052,747 | | N/A | | N | Milpitas-Alameda County |
| 257 | Capital | Base | Y | 19845 | 30522231 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L131 MP42.38 REPLACE 1350 FT 36IN TOP100 | Close-Out | 1/21/2009 | 3/1/2009 | 10/4/2010 | 10/4/2010 | N | N | N | 850 | 1,702,538 | 1,702,536 | | N/A | | N | Tracy-Mission-Alameda County |
| 258 | Capital | Base | Y | 19571 | 30377708 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP 13.09-15.70 RETIRE 13800-24" TOP100 | Close-Out | 1/1/2010 | 1/1/2010 | 6/9/2015 | 6/9/2015 | N | N | Y | 78,343 | 404,558 | 3,258,047 | | N/A | 2011 | N | Tracy-Mission-Alameda County |
| 259 | Capital | Base | Y | 19793 | 30500092 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501650-GSM REG STATIONS | TRONA TAP V-160.118 LEDEEN ACTUAT REPL | Close-Out | 10/9/2008 | 3/13/2015 | 4/24/2015 | 4/21/2015 | N | N | Y | 1,202,531 | 2,644,281 | 2,644,281 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 260 | Capital | Base | Y | 19858 | 30677653 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-196 MP 81.69-85.50 INST BEGP 24" | Close-Out | 2/1/2010 | 2/1/2010 | 10/1/2011 | 10/1/2011 | N | N | N | | 5,328,534 | 5,328,534 | | N | 2011 | N | Local Trans-north-Sacramento-Sacramento County |
| 261 | Capital | Base | Y | 20255 | 30732341 | 75 | GT Pipeline Reliabil | 75K | Water and Levee | 5510450-GSM. CORROSION ENGINEERING | LINE 197C MP 0.25 REPLACE RIVER XING | Construction | 1/21/2009 | 10/15/2016 | 12/19/2016 | 11/29/2016 | N | Y | N | 13,068 | 321,307 | 402,051 | | N/A | | N | Local Trans-north-North Coast-eureka-Humboldt Coun |
| 262 | Capital | Base | Y | 20425 | 30716206 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | 105 B MP 10.44 - 10.70 REPL. FAULT XING | Close-Out | 9/19/2009 | 12/6/2013 | 2/25/2014 | 1/30/2014 | N | N | N | 23,786 | 6,423,246 | 6,423,246 | | N/A | | N | Local Trans-north-East Bay-north-Contra Costa Coun |
| 263 | Capital | Base | Y | 20564 | 30750765 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501535-GSM REG STATIONS | GT DFM 1801-01 REPL REGS MACARTHUR STA D | Close-Out | 1/7/2010 | 2/1/2010 | 4/22/2013 | 4/22/2013 | N | N | N | 2,734 | 368,181 | 368,181 | | N/A | | N | Tracy-Stockton-San Joaquin County |
| 264 | Capital | Base | Y | 20708 | 30814603 | 75 | GT Pipeline Reliabil | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L-118, V-21.65 RELOCATE VAULT LANDER AV | Close-Out | 1/27/2010 | 11/1/2010 | 10/29/2012 | 10/29/2012 | N | N | N | 1,639 | 627,631 | 627,631 | | N/A | | N | Local Trans-south-Yosemite-Stanislaus County |
| 265 | Capital | Base | Y | 20860 | 30716297 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP 15.03-15.56 RETIRE 14750-24" TOP100 | Construction | 1/1/2012 | 4/21/2016 | 12/28/2016 | 12/27/2016 | N | Y | N | 34,724 | 294,139 | 3,251,307 | | N/A | | N | Tracy-Mission-Alameda County |
| 266 | Capital | Base | Y | 20901 | 30716298 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP 18.05-22.20 RETIRE 10115-24" TOP100 | Construction | 11/1/2011 | 4/21/2016 | 12/22/2016 | 12/22/2016 | N | Y | N | 25,869 | 300,580 | 3,814,020 | | N/A | 2011 | N | Tracy-Mission-Alameda County |
| 267 | Capital | Base | Y | 20902 | 30716299 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP 22.34-28.01 RETIRE 11105' 24" TOP100 | Construction | 1/6/2012 | 4/21/2016 | 12/29/2016 | 12/28/2016 | N | Y | N | 1,545 | 376,102 | 2,862,230 | | N/A | 2011 | N | Milpitas-Santa Clara County |
| 268 | Capital | Base | Y | 21175 | 30763097 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501535-GSM REG STATIONS | GT L-132 MP46.58 REBUILD MARTIN STATION | Close-Out | 1/27/2010 | 8/13/2012 | 4/23/2013 | 3/27/2013 | N | N | N | 21,852 | 8,137,416 | 8,137,416 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 269 | Capital | Base | Y | 21197 | 30741050 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501650-GSM REG STATIONS | GT REPLACE CRACKED PILOTS BOB HOT STN | Close-Out | 10/6/2009 | 11/1/2009 | 9/1/2010 | 9/1/2010 | N | N | N | 499 | 384,350 | 384,350 | | N/A | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 270 | Capital | Base | Y | 21198 | 30764573 | 75 | GT Pipeline Reliabil | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L-131 MP-32.38 RECONFIGURE VALVE LOT | Close-Out | 1/1/2010 | 1/1/2010 | 8/28/2013 | 8/28/2013 | N | N | N | 53,890 | 4,258,151 | 4,258,151 | | N/A | | N | Tracy-Mission-Alameda County |

TABLE 5-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| Line # | Capital/Expense | PSEP/Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | RCA (Y/N/NA) | Capital Project Classified in any Rate Case (Rate year)? | Government Requirement Recommendation (Y/N/NA) | District/Division/County |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 271 | Capital | Base | Y | 22134 | 30841069 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | PIPE INSPECTION COSTS FOR YEARS 11 12 13 | Close-Out | 1/5/2012 | 7/1/2012 | 1/1/2014 | 1/1/2014 | N | N | N | -2,192,540 | -276,343 | -276,343 | | N/A | | N | Systemwide-Systemwide-Contra Costa County |
| 272 | Capital | Base | Y | 22231 | 30766278 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | [illegible] GAC UNDERGRNDHOLDER [illegible] 8TH GROUNDING | Construction | 8/1/2010 | 8/1/2010 | 11/11/2015 | 11/11/2015 | N | Y | N | 12,676 | 182,434 | 2,762,424 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 273 | Capital | Base | Y | 22300 | 30766277 | 75 | GT Pipeline Related | 7RD | Valves | 5741919-30766277-L-108 MP 63.5 [illegible] 24" MLV | L-108 MP 63.5 [illegible] 24" MLV | Close-Out | 8/4/2010 | 8/4/2010 | 11/3/2012 | 11/3/2012 | N | N | N | 15,603 | 3,330,313 | 3,330,313 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 274 | Capital | Base | Y | 22333 | 31101363 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-114 MP 27.67-28.07 7000 FT 24dia TOPICO | Construction | 12/1/2016 | 3/27/2017 | 7/15/2018 | 12/25/2017 | Y | N | N | 80,418 | 80,418 | 14,075,345 | 2009 (60) | N | | N | Tracy-Mission-Alameda County |
| 275 | Capital | Base | Y | 22374 | 30837891 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-131 MP 10.69 REMOVE OLD RIDGVALE STA | Construction | 3/1/2011 | 3/1/2011 | 8/1/2016 | 8/1/2015 | N | Y | N | 2,629 | 75,188 | 285,188 | | N/A | | N | Local Trans-north-North Valley-Butte County |
| 276 | Capital | Base | Y | 22829 | 30822503 | 75 | GT Pipeline Related | 7RA | Water and Levee | 5703811-L-114 MP 7.32 RETIRE/SAN JOAQUIN RIVER XING | L-114 MP 7.32 RETIRE SAN JOAQUIN RIVER XING | Close-Out | 12/1/2010 | 12/1/2010 | 6/17/2014 | 6/17/2014 | N | N | N | 93,651 | 603,045 | 4,288,114 | | N/A | | N | Rio Vista-Sacramento-Sacramento County |
| 277 | Capital | Base | Y | 22960 | 30823602 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-150 B MP 13.7-14.09 DEACTIVATE MAINS | Close-Out | 1/18/2011 | 2/14/2015 | 12/21/2013 | 7/20/2012 | N | Y | N | 52,827 | 623,800 | 625,930 | | N | | N | Local Trans-north-Sacramento-Yolo County |
| 278 | Capital | Base | Y | 23043 | 31017975 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | CUMMINGS CREEK STATION REBUILD | Construction | 8/1/2013 | 8/1/2013 | 9/18/2016 | 9/18/2015 | N | Y | N | 38,082 | 66,831 | 1,521,469 | | N/A | | N | Local Trans-north-North Coast-Humboldt County |
| 279 | Capital | Base | Y | 23515 | 30837659 | 75 | GT Pipeline Related | 7RS | Shallow Pipe | 5761475-30837659-OD/CTB [illegible] ABANDON PORT | OD/CTB [illegible] ABANDON PORTREZO PP SVC | Close-Out | 3/1/2011 | 3/1/2011 | 4/22/2015 | 4/22/2015 | N | N | Y | 4,487 | 123,800 | 253,600 | | N/A | | N | Local Trans-south-San Francisco-San Francisco County |
| 280 | Capital | Base | Y | 23550 | 30841023 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | L-SOTF 1ST AND 6TH ST. STATION UPGRADE | Construction | 10/1/2011 | 10/1/2011 | 8/13/2015 | 8/13/2015 | N | Y | N | -100,707 | 225,084 | 725,084 | | N | | N | Local Trans-south-Central Coast-Monterey County |
| 281 | Capital | Base | Y | 23719 | 30804185 | 75 | GT Pipeline Related | 7RS | Do Not Use-Use 7RO? | 5501697-GSM PIPELINE RELIABILITY/SAFETY | "DAME" DFM-7221-15 REPL USING MP 0.00-1 | Close-Out | 3/1/2011 | 4/1/2012 | 8/20/2015 | 8/20/2015 | N | N | N | | | | | Y | 2008, 2011P | N | Local Trans-south-Yosemite-Merced County |
| 282 | Capital | Base | Y | 23721 | 30840781 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | MORRO BAY PRIMARY - REPLACE REGULATION | Close-Out | 3/1/2011 | 3/1/2011 | 8/24/2012 | 9/24/2012 | N | N | N | 218 | 258,418 | 258,418 | | N/A | | N | Kettleman-Los Padres-Kings County |
| 283 | Capital | Base | Y | 23727 | PJ00001 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | "DAMC" L-021F REPL 2.1085 MP 0.00-2.19 | Close-Out | 9/26/2011 | 8/1/2011 | 3/4/2015 | 3/4/2015 | N | N | Y | | | | | N | 2011P | N | Local Trans-north-North Bay-Marin County |
| 284 | Capital | Base | Y | 23887 | 30841037 | 75 | GT Pipeline Related | 7RD | Valves | 5701204-GT TRANS RELIABILITY - PIPELINE | 7009-01 MP 5.01 REPLACE VALVE C-04 | Close-Out | 12/1/2011 | 12/1/2011 | 6/5/2015 | 6/5/2015 | N | Y | N | 5,617 | 144,613 | 144,613 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 285 | Capital | Base | Y | 24046 | 30852904 | 75 | GT Pipeline Related | 7RD | Valves | 5761579-30852904 - L-177A-3 MP27.8-28.32 DEACTIV | L-177A-3 MP27.8-28.32 DEACTIVATION | Close-Out | 1/1/2012 | 1/1/2012 | 11/29/2012 | 11/29/2012 | N | N | N | 5,655 | 294,622 | 294,622 | | N/A | | N | Local Trans-north-North Valley-Butte County |
| 286 | Capital | Base | Y | 24352 | 30860862 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | VIERA REG STA REBUILD & RETIRE WILBUR DR | Construction | 1/6/2012 | 3/15/2015 | 4/29/2016 | 3/31/2016 | N | Y | N | 71,657 | 241,893 | 1,032,271 | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 287 | Capital | Base | Y | 24467 | 30853441 | 75 | GT Pipeline Related | 7RD | Valves | 5761507-30853441 - DREG4000 REPL GT PV V-033 KE | DREG4000 REPL GT PV V-033 KE/FCR-0 WATT | Close-Out | 5/1/2011 | 5/1/2011 | 7/24/2012 | 7/24/2012 | N | N | N | 19,715 | 225,544 | 225,544 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 288 | Capital | Base | Y | 24477 | 30803046 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | GT HOLLISTER-REPLACE MONITOR ACTUATORS | Close-Out | 1/5/2012 | 8/8/2014 | 1/29/2015 | 10/29/2014 | N | N | Y | 54,201 | 1,037,380 | 1,037,380 | | N/A | | N | Mission/Milpitas-Central Coast-San Benito County |
| 289 | Capital | Base | Y | 24579 | 30837944 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | GT-INSTALL OPP AT EL PASO INTERCONNECT | Close-Out | 6/1/2011 | 6/1/2011 | 6/2/2013 | 10/2/2012 | N | N | N | -65,727 | 2,963,644 | 2,963,664 | | N/A | | N | Topock-Kern-San Bernardino County |
| 290 | Capital | Base | Y | 24679 | 30862294 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-402/401 INSTALL OPP AT GT'S INTERCONN. | Close-Out | 8/15/2011 | 7/1/2011 | 8/25/2013 | 8/25/2013 | N | N | N | 11,378 | 5,238,769 | 5,238,769 | | N/A | | N | Burney-North Valley-Shasta County |
| 291 | Capital | Base | Y | 24687 | 30900252 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | CAPAY PLS INSTALL BUILDING | Construction | 1/1/2012 | 1/1/2012 | 12/21/2016 | 12/31/2016 | N | Y | N | 3,880 | 103,674 | 351,198 | | N/A | | N | Willows-Sacramento-Yolo County |
| 292 | Capital | Base | Y | 24909 | 30900253 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | YOLO PLS INSTALL BUILDING | Construction | 1/5/2012 | 3/1/2012 | 12/24/2016 | 12/24/2016 | N | Y | N | 3,684 | 80,824 | 343,791 | | N/A | | N | Willows-Sacramento-Yolo County |
| 293 | Capital | Base | Y | 24920 | 30900251 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | COLUSA GEN STA METER INSTALL BLDG | Close-Out | 1/5/2012 | 12/1/2013 | 12/13/2013 | 12/12/2013 | N | N | N | 87 | 415,079 | 415,079 | | N/A | | N | Willows-North Valley-Colusa County |
| 294 | Capital | Base | Y | 24674 | 30852702 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-107 MP28.27-31.2 REPL FREMONT-FYRID | Close-Out | 6/27/2011 | 3/3/2014 | 8/20/2015 | 11/18/2014 | N | N | Y | 4,059,125 | 43,575,100 | 43,635,125 | | N/A | | N | Milpitas/Mission-Mission-Alameda County |
| 295 | Capital | Base | Y | 24753 | 30856788 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-118A MP13.12-MP14.03 DEACTIVATE 12dia | Close-Out | 6/27/2011 | 7/1/2011 | 8/25/2011 | 8/25/2011 | N | N | N | 11,692 | 479,823 | 510,774 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 296 | Capital | Base | Y | 24765 | 30856788 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | L-132 MP43.47 REBUILD SULLIVAN STATION | Close-Out | 6/29/2011 | 8/18/2012 | 8/13/2013 | 6/8/2013 | N | N | N | 22,544 | 6,734,487 | 6,734,487 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 297 | Capital | Base | Y | 24773 | 30861065 | 75 | GT Pipeline Related | 7RJ | Geohazards | 5761041-30861065 - C216 MP 129.7 LAND SLIDE MITI | C216 MP 129.7 LAND SLIDE MITIGATION | Close-Out | 7/1/2011 | 7/1/2011 | 1/9/2012 | 1/9/2012 | N | N | N | 11,621 | 587,787 | 587,787 | | N/A | | N | Local Trans-north-North Coast-Humboldt County |
| 298 | Capital | Base | Y | 25057 | 30870325 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-057A MP 58.83-59.87 PIPE REPL | Close-Out | 8/1/2011 | 8/1/2011 | 9/21/2012 | 9/21/2012 | N | N | N | 3,430 | 1,447,431 | 1,447,431 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 299 | Capital | Base | Y | 25122 | 30853172 | 75 | GT Pipeline Related | 7RD | Valves | 5748189-30853172-400 MP 250.45 REPLACE MLV | 400 MP 250.45 REPLACE MLV | Close-Out | 10/21/2011 | 1/1/2012 | 4/18/2013 | 4/18/2013 | N | N | N | 13,298 | 3,290,272 | 3,290,272 | | N | | N | Rio Vista-Sacramento-Solano County |
| 300 | Capital | Base | Y | 25241 | 30877983 | 75 | GT Pipeline Related | 7RH | Class Location | 5760764-L-300B, MP 344.5 COC REPL 1300 FT OF 34 | GT R-203 L-300B MP 344.5 COC REPL 1300FT | Close-Out | 10/18/2011 | 9/22/2014 | 1/20/2015 | 12/17/2014 | N | N | Y | 468,134 | 4,703,016 | 4,700,850 | | N/A | | N | Kettleman-Fresno-Kings County |
| 301 | Capital | Base | Y | 25287 | 30880803 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | REBUILD FOLEYS RANCH CROSSOVER BALP | Close-Out | 1/5/2012 | 7/30/2014 | 8/22/2015 | 6/8/2015 | N | Y | N | 2,855,345 | 13,420,694 | 13,510,524 | | N/A | | N | Tracy-Mission-San Joaquin County |
| 302 | Capital | Base | Y | 25309 | 30880803 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | SAN PABLO STATION UPGRADE BALP | Close-Out | 1/5/2012 | 6/29/2013 | 3/14/2014 | 11/3/2013 | N | N | N | 9,952 | 2,132,081 | 2,132,081 | | N/A | | N | Local Trans-north-East Bay-Contra Costa County |
| 303 | Capital | Base | Y | 25344 | [illegible] | 75 | GT Pipeline Related | 7RA | Cathodic Protection | 5757522-31102029 - INTEGRITY INSPECTIONS & CTS I | AC Canyon mitigation | Engineering/Permitting | 6/2/2015 | 7/1/2015 | 12/30/2016 | 12/30/2016 | N | N | N | | | 1,600,000 | | N | | N | Systemwide-Systemwide |
| 304 | Capital | Base | Y | 25351 | 30882030 | 75 | GT Pipeline Related | 7RA | Water and Levee | 5748100-30882030-L-300B, MP 0.0-0.1 RPLC PIPE ON | L-300B MP 0.0-0.1 RPLC PIPE ON BRIDGE | Close-Out | 12/1/2011 | 12/1/2011 | 6/14/2012 | 6/14/2012 | N | N | N | 1,412 | 488,737 | 24,788,737 | | N/A | | N | Topock-Kern-San Bernardino County |
| 305 | Capital | Base | Y | 25400 | 30883440 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-124B MP-6.11 EXPOSED 8" PIPE | Close-Out | 12/12/2011 | 8/8/2013 | 6/20/2013 | 6/21/2013 | N | N | N | 1 | 721,881 | 721,881 | | N | | N | Local Trans-north-Sierra-Placer County |
| 306 | Capital | Base | Y | 25405 | 30883063 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-400 MP 233.48 EXPOSED PIPE PETROLEUM CR | Construction | 1/5/2012 | 3/10/2016 | 6/4/2016 | 7/12/2016 | N | Y | N | 30,802 | 734,400 | 2,419,905 | | N/A | | N | Willows-North Valley-Yolo County |
| 307 | Capital | Base | Y | 25458 | 30883570 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | L-333A MP 483.25 [illegible] STATION REBUILD | Construction | 11/1/2011 | 11/1/2011 | 3/21/2016 | 3/21/2016 | N | Y | N | 8,135 | 185,858 | 835,858 | | N/A | | N | Local Trans-south-San Jose-Santa Clara County |
| 308 | Capital | Base | Y | 25527 | 30883847 | 75 | GT Pipeline Related | 7RD | Capital Repair | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-118A MP 18.44 LEAK REPL 12dia L-89 | Close-Out | 11/1/2011 | 11/1/2011 | 10/29/2013 | 10/29/2013 | N | N | N | 9,339 | 887,070 | 887,070 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 309 | Capital | Base | Y | 25743 | 30887104 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | KELSO TAP STATION UPGRADE | Close-Out | 1/5/2012 | 6/5/2013 | 1/31/2014 | 10/23/2013 | N | N | N | 26,246 | 2,528,602 | 2,528,602 | | N/A | | N | Kettleman-Fresno-Fresno County |
| 310 | Capital | Base | Y | 25746 | 30800001 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | PLGS OVER PRESSURE PROTECTION UPGRADE | Construction | 1/6/2012 | 4/1/2016 | 7/18/2016 | 9/20/2016 | N | Y | N | 653,938 | 1,573,149 | 7,608,612 | | N/A | | N | Milpitas/Mission-Central Coast-Santa Clara County |
| 311 | Capital | Base | Y | 25748 | 30803183 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | PL07 MONITOR VALVES REPLACE ACTUATORS | Construction | 1/5/2012 | 9/14/2015 | 11/18/2015 | 11/2/2016 | N | Y | N | 102,140 | 327,185 | 327,185 | | N/A | | N | Milpitas/Mission-San Jose-Santa Clara County |
| 312 | Capital | Base | Y | 25763 | 30803153 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | PRESIDIO - INSTALL MONITOR V-13 | Close-Out | 1/5/2012 | 12/8/2014 | 11/12/2014 | 12/8/2014 | N | N | N | -6,293 | 600,380 | 600,380 | | N | | N | LSCO-north-Yosemite-Fresno County |
| 313 | Capital | Base | Y | 26074 | 30897148 | 75 | GT Pipeline Related | 7RM | Capital Strength Test | 5748201-30897148-L-177A MP 32.70-33.07 NEO THOMES | R-231 L-177A MP 32.79 NEO OF THOMES CREEK | Close-Out | 12/28/2011 | 8/8/2012 | 1/26/2013 | 12/26/2012 | N | N | N | 77 | 2,438,198 | 2,438,198 | | N/A | | N | Local Trans-north-North Valley-Butte County |
| 314 | Capital | Base | Y | 26109 | 30903250 | 75 | GT Pipeline Related | 7RL | Fault Crossings | 5761253-8-322, L-101B MP1.2 SAN ANDREAS FAULT | L-101B MP 1.2 SAN ANDREAS FAULT REPLACE | Close-Out | 4/12/2012 | 6/22/2015 | 10/29/2015 | 7/10/2015 | N | Y | N | 60,784 | 770,917 | 825,600 | | N/A | | N | Milpitas/Mission-Central Coast-Santa Cruz County |
| 315 | Capital | Base | Y | 26150 | 30900053 | 75 | GT Pipeline Related | 7RL | Fault Crossings | 5740050-30900053-L-109 MP 9.5 SAN ANDREAS FAULT R | L-109 MP 9.5 SAN ANDREAS FAULT REPLACE | Close-Out | 1/1/2012 | 1/1/2012 | 4/18/2013 | 4/18/2013 | N | N | N | 7,326 | 3,420,507 | 3,420,507 | | N/A | | N | Milpitas/Mission-Central Coast-Santa Clara County |
| 316 | Capital | Base | Y | 26272 | 30903274 | 75 | GT Pipeline Related | 7RD | Capital Repair | 5501697-GSM PIPELINE RELIABILITY/SAFETY | R-290 L-021F MP 18.88 RELOCATE 80FT OF | Close-Out | 1/1/2012 | 6/13/2013 | 7/29/2013 | 7/3/2013 | N | N | N | 2,192 | 1,414,420 | 1,414,420 | | Y | | N | Local Trans-north-North Bay-Marin County |
| 317 | Capital | Base | Y | 26413 | 30910908 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | GT PLG-1 NEW SULFUR ANALYZER | Close-Out | 3/20/2012 | 8/8/2014 | 12/3/2014 | 7/28/2014 | N | N | N | 53,047 | 1,422,885 | 1,422,885 | | N/A | | N | Topock-Kern-San Bernardino County |
| 318 | Capital | Base | Y | 26453 | 30925820 | 75 | GT Pipeline Related | 7RD | Valves | 5761526-30925820 - L-197A MP 27.1 REPLACE MLV LOT | L-197A MP 27.1 REPLACE MLV LOT | Close-Out | 3/1/2012 | 3/1/2012 | 2/4/2014 | 2/4/2014 | N | N | N | 10,605 | 592,312 | 592,312 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 319 | Capital | Base | Y | 26507 | 30910363 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | DRESSING REBUILD PRI DRS MARINA | Construction | 3/25/2012 | 4/14/2016 | 6/24/2016 | 6/31/2016 | N | Y | N | 33,127 | 131,104 | 713,776 | | N/A | | N | Local Trans-north-Sacramento-Yolo County |
| 320 | Capital | Base | Y | 26605 | 30912804 | 75 | GT Pipeline Related | 7RE | Vintage pipe | 5501697-GSM PIPELINE RELIABILITY/SAFETY | L-21F MP18.8 ELIMINATE SPAN | Construction | 3/1/2012 | 3/1/2012 | 6/24/2016 | 6/24/2016 | N | Y | N | 1,145 | 29,706 | 769,760 | | N/A | | N | Local Trans-north-North Bay-Marin County |
| 321 | Capital | Base | Y | 29702 | 31000980 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | MILPITAS METER TRANSMTRS REPLCE&RELOCTE | Engineering/Permitting | 7/22/2014 | 7/22/2014 | 12/28/2016 | 12/28/2016 | N | N | N | | | 943,000 | | Y | | N | Milpitas/Mission-Santa Clara County |
| 322 | Capital | Base | Y | 29704 | 31000981 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | IRVINGTON REPLACE UPS & CONTROLS UPGRADE | Construction | 5/28/2016 | 6/1/2016 | 12/1/2016 | 12/7/2016 | Y | N | N | 27,481 | 27,481 | 1,345,082 | | Y | | N | Milpitas/Mission-Central Coast-Alameda County |
| 323 | Capital | Base | Y | 29729 | 31000976 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | BRENTWOOD UPS REPLACE | Engineering/Permitting | 7/22/2014 | 7/22/2014 | 12/28/2016 | 12/28/2016 | N | N | N | | | 67,500 | | N | | N | Tracy-Contra Costa County |
| 324 | Capital | Base | Y | 29718 | 31000997 | 75 | GT Pipeline Related | 7RC | Regulator Stations | 5501689-GSM REG STATIONS | SPRL 101 & TIE REPLACE MONITOR CONTROLS | Construction | 6/14/2015 | 9/12/2015 | 9/21/2016 | 4/27/2016 | Y | N | N | 32,671 | 32,671 | 602,671 | | Y | | N | Las Positas-Contra Costa County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSES (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP Status | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case/Work papers (Case Year or Blank) | Government Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 325 | Capital | Base | Y | 25784 | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Test | [illegible]-GSM CORROSION ENGINEERING | [illegible] | Engineering/Permitting | 4/3/2014 | 7/1/2016 | 12/31/2019 | 12/31/2019 | N | N | N | | | 120,000 | | N | | N | [illegible] |
| 326 | Capital | Base | Y | 25770 | [illegible] | 75 | GT Pipeline Related | 75A | Cathodic Protection | [illegible] - INTEGRITY INSPECTIONS & CT&I | [illegible] CTS installation | Engineering/Permitting | 6/20/2013 | 7/1/2015 | 12/30/2017 | 12/30/2017 | N | N | N | | | | | Y | | N | Systemwide-Systemwide |
| 327 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible] - L153 [illegible] REPLACE MLV | L153 [illegible] REPLACE MLV | Close-Out | 3/23/2013 | 6/1/2012 | [illegible] | [illegible] | N | N | N | 10,[illegible] | 942,011 | 967,011 | | N/A | | N | Local Trans-north-East Bay-[illegible]-Alameda County |
| 328 | Capital | Base | Y | 25874 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | [illegible] L-108 [illegible] REPL C | Close-Out | 8/12/2011 | 9/28/2012 | [illegible] | [illegible] | N | N | N | 8,[illegible] | 2,418,[illegible] | 2,418,[illegible] | | Y | | N | Local Trans-north-Stockton-San Joaquin County |
| 329 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-021F MP15.0 SPAN RELOCATION [illegible] | Construction | 4/1/2012 | 4/1/2012 | [illegible] | [illegible] | N | Y | N | 1,775 | 45,[illegible] | 629,[illegible] | | Y | | N | Local Trans-north-North Bay-San Rafael-Marin County |
| 330 | Capital | Base | Y | 25878 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L105N [illegible] REPLACE [illegible] FT OF [illegible] | Construction | 3/1/2013 | 3/1/2013 | 7/1/2017 | 7/1/2017 | N | Y | N | [illegible] | [illegible] | 3,321,[illegible] | | Y | | N | Local Trans-north-Mission-Alameda County |
| 331 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-153-2 [illegible] ELECTRIC FAULT PROTECTION | Construction | 3/1/2013 | 3/1/2013 | 9/15/2016 | 9/15/2016 | N | Y | N | 576 | 14,957 | 114,957 | | Y | | N | Local Trans-north-East Bay-[illegible]-Alameda County |
| 332 | Capital | Base | Y | 25287 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | OAKLAND STATION REBUILD | Construction | 4/2/2013 | [illegible] | 6/1/2016 | [illegible] | N | Y | N | 348,[illegible] | 626,[illegible] | 3,025,174 | | Y | | N | Local Trans-north-East Bay-[illegible]-Alameda County |
| 333 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75H | Class Location | [illegible]-401 MP27.53 RPLC [illegible] FT 16" | 401_MP327.53_335.44_RPLC_[illegible]_CLOHG | Construction | 8/1/2013 | 8/1/2017 | 12/1/2018 | 12/1/2018 | N | Y | N | 28 | 734 | 10,059,757 | | N/A | | N | Tracy-Stockton-San Joaquin County |
| 334 | Capital | Base | Y | 25284 | [illegible] | 75 | GT Pipeline Related | 75H | Class Location | [illegible]-401 [illegible] RPLC 4 MILES 36" | 401_MP323.25-325.42_RPLC_[illegible]_CLOHG | Construction | 12/30/2014 | 1/4/2016 | 4/23/2018 | [illegible] | N | Y | N | 56,[illegible] | 97,430 | 14,125,640 | | N/A | | N | Tracy-Stockton-San Joaquin County |
| 335 | Capital | Base | Y | 27068 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible] - L021F MP0.4 REMOVE V-17-01D | L021F MP0.4 REMOVE V-17-01D | Construction | 4/1/2012 | 4/1/2012 | 8/1/2015 | 8/1/2015 | N | Y | N | 8,[illegible] | 219,073 | 767,780 | | N | | N | Local Trans-north-North Bay-San Rafael-Marin County |
| 336 | Capital | Base | Y | 27088 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | 1801-05_P0.00-0.60_RETIREDRM_REBUILD_RS | Construction | 4/1/2013 | 4/1/2012 | 12/31/2017 | 12/31/2017 | N | Y | N | 7,[illegible] | 25,614 | 2,005,614 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 337 | Capital | Base | Y | 27121 | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Test | [illegible] - DREG[illegible] MPO L-402 MP21.7 H | DREG[illegible] MPO L-402 MP21.7 HOT TAP RPL | Close-Out | 4/1/2013 | 4/1/2012 | [illegible] | [illegible] | N | N | N | 4,7[illegible] | 301,757 | 301,757 | | N | | N | Local Trans-north-North Valley-Shasta County |
| 338 | Capital | Base | Y | 27153 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible] L-108 MP 38.17 MLV AND BRIDLE S | L-108 MP 38.17 MLV AND BRIDLE SET | Close-Out | 4/1/2012 | 4/1/2012 | 10/2/2012 | 10/2/2012 | N | N | N | 17,430 | 1,509,613 | 1,000,613 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 339 | Capital | Base | Y | 27272 | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Test | [illegible] - DFD[illegible]_MPO.0000-0.2300_BOR | DFD[illegible]_MPO.0000-0.2300_[illegible] REG PEF | Close-Out | 4/25/2012 | 8/1/2012 | 3/25/2013 | 3/25/2013 | N | N | N | 8,[illegible] | 342,400 | 347,400 | | N/A | | N | [illegible]-Kern County |
| 340 | Capital | Base | Y | 27287 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | GT 1878 MP 7.38 INSTALL FIRE VALVE | Close-Out | 11/5/2012 | 6/18/2014 | [illegible] | 10/8/2014 | N | N | Y | 134,[illegible] | 765,225 | 765,225 | | Y | | N | Local Trans-north-North Coast-[illegible]-Humboldt Coun |
| 341 | Capital | Base | Y | 27347 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | L-400 MLV 189.4 [illegible] VALVE REPLACEMENT | Construction | 8/1/2012 | 8/1/2012 | 7/26/2016 | 7/26/2016 | N | Y | N | 1,[illegible] | 37,050 | 4,057,050 | | N | | N | Willows-North Valley-Glenn County |
| 342 | Capital | Base | Y | 27400 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-108 ARBOR STATION LEAK REPAIRS | Close-Out | 8/25/2012 | 8/1/2012 | 11/8/2013 | 11/8/2013 | N | N | N | 3,136 | 886,010 | 901,080 | | N/A | | N | Local Trans-south-Fresno-Fresno County |
| 343 | Capital | Base | Y | 27434 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | [illegible] REBUILD METER SET | Close-Out | 8/1/2012 | 8/1/2012 | 12/18/2012 | 12/18/2012 | N | N | N | 453 | 613,031 | 613,031 | | N/A | | N | Local Trans-north-Sacramento-Solano County |
| 344 | Capital | Base | Y | 27461 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | [illegible]-01 MP 0.455 - 1.30 REPLACEMENT 4000 | Close-Out | 8/25/2012 | [illegible] | 6/14/2013 | [illegible] | N | N | N | 11,236 | 5,627,697 | 5,627,697 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 345 | Capital | Base | Y | 27480 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible] - DFM 1800-01 MP 4.42 DREP VALV | 1805-01_[illegible]_REMOVE DREP | Construction | 6/1/2012 | 8/1/2012 | 7/1/2016 | 7/1/2016 | N | Y | N | 3,416 | 88,[illegible] | 319,[illegible] | | N/A | | N | Local Trans-north-North Coast-Santa Rosa-Sonoma Co |
| 346 | Capital | Base | Y | 27614 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-177A MP 60.0 EXPOSED PIPE | Construction | 8/25/2012 | 8/1/2012 | 7/18/2016 | 7/18/2016 | N | Y | N | 8,780 | 176,[illegible] | 530,760 | | N/A | | N | Local Trans-north-North Valley-Tehama County |
| 347 | Capital | Base | Y | 27637 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | 3000-01 MP 7.65 RETR VLVS O-RING | Construction | 12/1/2012 | 12/1/2012 | 7/20/2016 | 7/20/2016 | N | Y | N | 5,0[illegible] | 146,427 | 506,427 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 348 | Capital | Base | Y | 27653 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | 1222-01 MP1.84 - MP3.0 DEACTIVATION | Close-Out | 9/13/2012 | 7/17/2013 | 12/11/2013 | 10/4/2013 | N | N | N | 10,747 | 725,[illegible] | 725,[illegible] | | N | | N | Local Trans-north-Sierra-Yolo County |
| 349 | Capital | Base | Y | 27574 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-132 EXP MP 43.03-MLV HILLSIDE & HOLLY | Close-Out | 1/18/2011 | 1/8/2015 | 6/17/2016 | 4/27/2016 | N | N | Y | 3,133,[illegible] | 6,015,317 | 6,015,317 | | N/A | | N | Local Trans-north-Peninsula-San Mateo County |
| 350 | Capital | Base | Y | 27675 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | GT [illegible]-387 [illegible] MP 0 - 0.17 [illegible] 4" [illegible] | Close-Out | 8/11/2012 | 6/10/2014 | 6/20/2014 | 8/25/2014 | N | N | N | 14,146 | 1,749,861 | 1,749,861 | | N/A | | N | Local Trans-north-North Bay-[illegible]-Napa Coun |
| 351 | Capital | Base | Y | 27682 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-402 ORCO [illegible] EXPOSED PIPE AND CASING | Construction | 7/1/2012 | 7/1/2012 | 8/1/2017 | 8/1/2017 | N | Y | N | 5,[illegible] | 140,134 | 642,134 | | N/A | | N | Local Trans-north-North Valley-Shasta County |
| 352 | Capital | Base | Y | 27699 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | DFM 7226-10 MP 3.15-5.40 REM COUPLERS | Close-Out | 7/1/2012 | 7/1/2012 | 11/22/2013 | 11/22/2013 | N | N | N | 1,206 | 645,271 | 668,271 | | N | | N | Local Trans-south-Yosemite-Stanislaus County |
| 353 | Capital | Base | Y | 27846 | 31021872 | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | SWINGLE JUNCTION STATION - REBUILD STA | Construction | 3/1/2014 | 2/1/2016 | 7/1/2016 | 8/1/2016 | N | Y | N | 258,[illegible] | 330,730 | 4,421,921 | | N | | N | Local Trans-north-Sacramento-Yolo County |
| 354 | Capital | Base | Y | 27947 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-300B MP 147.7 CSSIGN ON MOJAV | 300B MP 147.70 TO 147.80 [illegible] PIPELIN | Construction | 8/5/2012 | 8/24/2016 | 6/17/2016 | 7/1/2016 | N | Y | N | 82,191 | 617,420 | 3,003,117 | | N | | N | Hinkley-Kern-San Bernardino County |
| 355 | Capital | Base | Y | 28010 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-L-021 DFM[illegible]-01 V-028 VALVE REPLACEMENT | L-021 DFM[illegible]-01 V-028 VALVE REPLACEMENT | Construction | 3/1/2013 | 3/1/2016 | 8/4/2015 | 8/4/2015 | N | Y | N | 1,536 | 40,015 | 240,015 | | N/A | | N | Local Trans-north-North Valley-Butte County |
| 356 | Capital | Base | Y | 28113 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | [illegible]-01 MP 0.0-0.51 RETIRE | Construction | 8/1/2012 | 8/1/2012 | 4/22/2016 | 4/22/2016 | N | Y | N | 1,536 | 38,765 | 634,765 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 357 | Capital | Base | Y | 28153 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-191 MP 7.73 EXPOSED SPAN | Construction | 8/1/2012 | 8/1/2012 | 7/1/2016 | 7/1/2016 | N | Y | N | 3,673 | 80,[illegible] | 400,[illegible] | | N | | N | Local Trans-north-North Valley-Butte County |
| 358 | Capital | Base | Y | 28185 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-076 TB.1 METER REPLACEMENT | Close-Out | 8/1/2012 | 8/1/2012 | 11/1/2013 | 11/1/2013 | N | N | N | 5,019 | [illegible] | 622,165 | | N/A | | N | McDonald Island-Diablo-San Joaquin County |
| 359 | Capital | Base | Y | 28237 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | [illegible]-177A-B MP29.34 TO 29.87 DEACTIVATION | Construction | 12/1/2012 | 12/1/2012 | 8/22/2016 | 8/22/2016 | N | Y | N | 1,767 | 45,[illegible] | 371,485 | | N/A | | N | Local Trans-north-North Valley-Tehama County |
| 360 | Capital | Base | Y | 28271 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-215-2 MP 0.05 4" DISTRIBUTION HDD | Close-Out | 12/10/2012 | 4/1/2016 | 12/30/2014 | 12/30/2014 | N | N | N | 5,242 | 236,[illegible] | 252,[illegible] | | N/A | | N | Local Trans-north-North Coast-[illegible]-Mendocino Coun |
| 361 | Capital | Base | Y | 28344 | [illegible] | 75 | GT Pipeline Related | 75E | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-076 EXPOSED PIPE LOWERING | Construction | 10/1/2012 | 10/1/2012 | 4/25/2016 | [illegible] | N | Y | N | 61 | 2,096 | 1,825,142 | | N/A | | N | [illegible]-San Joaquin County |
| 362 | Capital | Base | Y | 28427 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | L-400 MLV 120.0 [illegible] VALVE REPLACEMENT | Construction | 11/1/2012 | 11/1/2012 | 7/8/2016 | 7/8/2016 | N | Y | N | 384 | 10,248 | 4,090,248 | | N/A | | N | Willows-North Valley-Glenn County |
| 363 | Capital | Base | Y | 28428 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | L-400 MLV 18.30 30" VALVE REPLACEMENT | Close-Out | 11/1/2012 | 11/1/2012 | 4/15/2015 | 4/16/2015 | N | N | Y | 10,256 | 800,[illegible] | 4,522,[illegible] | | N | | N | Burney-North Valley-Modoc County |
| 364 | Capital | Base | Y | 28429 | 30001731 | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | L-400 MLV 97.05 20" VALVE REPLACEMENT | Construction | 11/1/2013 | 11/1/2012 | 9/30/2016 | 9/30/2016 | N | Y | N | 301 | 5,380 | 3,255,435 | | N/A | | N | Burney-North Valley-Shasta County |
| 365 | Capital | Base | Y | 28430 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | PELL REG STATION DPP INSTALLATION | Construction | 3/1/2011 | 11/17/2014 | 8/24/2016 | 7/1/2016 | N | Y | N | 3,842,944 | 3,857,425 | 4,016,055 | | N | | N | Meridian-North Valley-Butte County |
| 366 | Capital | Base | Y | 28452 | [illegible] | 75 | GT Pipeline Related | 75H | Class Location | [illegible] - L-300B MP 152.45 BRIDLE REPLC | L-300B MP 152.45 BRIDLE REPLC BARSTOW C | Close-Out | 1/18/2012 | 12/1/2012 | 10/18/2013 | 12/18/2013 | N | N | N | 6,657 | 625,871 | 605,508 | | N/A | | N | Hinkley-Kern-[illegible]-San Bernardino County |
| 367 | Capital | Base | Y | 28478 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | GRADE 2 LEAK - L 204, MP 8.80 AMER. CANY | Close-Out | 12/3/2012 | 12/3/2012 | 1/25/2013 | 1/25/2013 | N | N | N | 13,170 | 1,059,258 | 1,059,258 | | N/A | | N | Local Trans-north-North Bay-[illegible]-Napa Coun |
| 368 | Capital | Base | Y | 28485 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | L-[illegible] MP0.01 REMOVE 10" REG-[illegible] MARTIN | Close-Out | 11/13/2012 | 11/1/2012 | 2/3/2014 | 2/3/2014 | N | N | N | 7,076 | 419,[illegible] | 424,[illegible] | | Y | | N | Local Trans-south-Peninsula-San Mateo County |
| 369 | Capital | Base | Y | 28581 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | L-301A MP 22.51 REBUILD DOLAN RD MT STA | Construction | 8/18/2011 | 4/4/2016 | 7/19/2016 | 8/30/2016 | N | Y | N | 308,[illegible] | 455,210 | 4,058,310 | | N | | N | [illegible]-Central Coast-Monterey County |
| 370 | Capital | Base | Y | 28087 | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-153 REPL 0.1250 MP 3.45-3.59 | Construction | 8/1/2014 | 1/1/2016 | 6/30/2016 | 4/1/2016 | N | Y | N | 60,169 | 207,192 | 2,340,245 | | N/A | | N | Local Trans-north-Mission-Alameda County |
| 371 | Capital | Base | Y | 29104 | [illegible] | 75 | GT Pipeline Related | 75L | Repair and Leaks | [illegible]-GSM CORROSION ENGINEERING | L-210 MP7.16 EXPOSED SPAN SAN JOAQUIN R | Construction | 11/1/2013 | 11/1/2012 | 12/31/2017 | 12/31/2017 | N | Y | N | 4,345 | 150,470 | 6,400,021 | | N | | N | Local Trans-south-Yosemite-[illegible]-Stanislaus Coun |
| 372 | Capital | Base | Y | 29145 | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Test | [illegible] - L303-095 MP 0.0 REPLACE REDUC | GT [illegible] L303-095 MP 0.0 REPLACE REDUCE | Close-Out | 11/27/2012 | [illegible] | 11/28/2014 | 12/8/2014 | N | N | N | -7,631 | 378,549 | 378,542 | | N/A | | N | [illegible]-North Valley-Colusa County |
| 373 | Capital | Base | Y | 29176 | [illegible] | 75 | GT Pipeline Related | 75O | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | L-177A MP 37.00 MLV REPLACEMENT | Close-Out | 11/28/2012 | 4/13/2015 | 5/8/2013 | 8/7/2015 | N | N | Y | 325,[illegible] | 485,[illegible] | 485,[illegible] | | Y | | N | Local Trans-north-North Valley-Tehama County |
| 374 | Capital | Base | Y | 29215 | 30070741 | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-118 MP 0.03-MP 3.55 DEACTIVATE [illegible] | Close-Out | 2/4/2013 | 10/18/2013 | 7/3/2014 | 12/2/2013 | N | N | N | 3,304 | 1,839,709 | 1,839,709 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 375 | Capital | Base | Y | 29216 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | GT R-100 L-220 & DFM-0527-01 DAVIS STATI | Close-Out | 5/28/2013 | 8/5/2015 | 4/2/2014 | 11/19/2015 | N | N | N | 23,105 | 2,150,076 | 2,150,076 | | Y | | N | Local Trans-north-Sacramento-Solano County |
| 376 | Capital | Base | Y | 29299 | P.04363 | 75 | GT Pipeline Related | 75A | Cathodic Protection | [illegible] - INTEGRITY INSPECTIONS & CT&I | Casing Remediation Grp | Close-Out | 3/22/2012 | 12/1/2012 | 3/21/2014 | 3/21/2014 | N | N | N | 13,655 | 2,845,400 | 2,845,400 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 377 | Capital | Base | Y | 29400 | [illegible] | 75 | GT Pipeline Related | 75D | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | R-284 DFM-1808-02 MP 0.12 DEACTIVATE 100 | Close-Out | 1/9/2013 | 12/11/2013 | 1/2/2014 | 1/2/2014 | N | N | N | 300 | 823,843 | 823,843 | | Y | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 378 | Capital | Base | Y | 29489 | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | PLAZA 2 REG STA. [illegible]-1 MP 29.83 REBUILD | Construction | 8/14/2013 | 4/4/2016 | 8/14/2016 | 8/19/2016 | N | N | N | 3,3[illegible] | 3,358 | 1,237,934 | | Y | | N | Local Trans-north-Diablo-Contra Costa County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PSEP/Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PCRS ID # | Order #/Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date Or date started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative /In Service Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total $ spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/NA) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement Recommendation (Y/N/NA) | District/Division/County |
| 379 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Tes | [illegible] - L300-030 MP 0.45 REPLACE REDU | GT RT-084 L300-030 MP 0.45 REPLACE REDUC | Close-Out | 2/1/2013 | [illegible] | 11/24/2014 | [illegible] | N | N | N | 40,340 | 278,520 | 278,520 | | N/A | | N | Meridian-North Valley-Colusa County |
| 380 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | DFM 1305-01 MP1.58 HDD LEVERONI RD BRIDG | Construction | 2/1/2013 | 3/1/2013 | [illegible] | [illegible] | N | Y | N | 8,877 | [illegible] | 4,170,076 | | N/A | | N | Local Trans-north-North Coast-Santa Rosa-Sonoma Co |
| 381 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75K | Water and Levee | [illegible] - DFM 1815-01 MP7.19 REMOVE DEA | DFM 1815-01 MP7.19 REMOVE DEACTIVATION | Construction | [illegible] | [illegible] | [illegible] | 8/7/2016 | N | Y | N | 16,177 | 82,851 | 183,300 | | N/A | | N | Tracy-Stockton-San Joaquin County |
| 382 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-400 MP 141.7 EXPOSED PIPE SALT CREEK | Construction | [illegible] | [illegible] | 11/10/2017 | [illegible] | N | Y | N | 17,780 | 127,498 | 2,657,498 | | N | | N | Willows-North Valley-Tehama County |
| 383 | Capital | Base | Y | 25740 | [illegible] | 75 | GT Pipeline Related | 75L | Fault Crossings | [illegible]-L310 FAULT CROSSING MITIGATION | L310 FAULT CROSSING MITIGATION | Close-Out | 4/1/2013 | 4/1/2013 | [illegible] | [illegible] | N | N | N | 3,139 | 840,074 | 840,074 | | N | | N | [illegible]-Central Coast-San Benito County |
| 384 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - L-210 MP55.34 V4 V6 VALVE RE | L-210 MP55.34 V4 V6 VALVE REPLACEMENT | Close-Out | 2/1/2013 | 2/1/2013 | 12/17/2013 | 12/17/2013 | N | N | N | 15,923 | 760,212 | 760,213 | | N/A | | N | Local Trans-north-North Coast-[illegible]-Sonoma County |
| 385 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - RIPON-MODESTO - GRD GRID & CR | RIPON-MODESTO - GRD GRID & CROSS TIE | Close-Out | [illegible] | 10/1/2013 | 4/17/2016 | 4/17/2016 | N | N | Y | 35,833 | 1,457,594 | 1,457,594 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 386 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | DFM 1043-01 REPL V-214 | Close-Out | 2/1/2013 | [illegible] | [illegible] | [illegible] | N | N | N | | [illegible] | [illegible] | | N/A | | N | Local Trans-north-North Valley-Shasta County |
| 387 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75L | Fault Crossings | [illegible]-L21A FAULT CROSSING MITIGATION | L21A FAULT CROSSING MITIGATION | Construction | 3/1/2013 | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | 1,074,735 | 1,094,735 | | N | | N | Local Trans-north-North Coast-[illegible]-Napa Coun |
| 388 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | STATION-BLOOMFIELD CONTROL UPGRADES | Engineering/Permitting | [illegible] | [illegible] | 12/31/2015 | 12/31/2015 | N | N | N | | | 525,000 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 389 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | V-027 [illegible] MP0.0 REPL V-[illegible] [illegible] | Construction | [illegible] | [illegible] | [illegible] | [illegible] | Y | Y | N | 16,715 | 16,401 | 317,806 | | N/A | | N | Local Trans-south-San Francisco-San Francisco Coun |
| 390 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-L-109 MP [illegible] RELOC V-6 20TH & MISSOURI | L-109 MP [illegible] RELOC V-6 20TH & MISSOURI | Construction | 12/1/2014 | 12/1/2014 | 6/1/2016 | 6/1/2016 | N | Y | N | 10 | 297 | 800,261 | | Y | | N | Local Trans-south-San Francisco-San Francisco Coun |
| 391 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Shallow Pipe | [illegible] - L-177A MP [illegible] EMBANKMENT E | R-412 L-177A MP [illegible] EMBANKMENT EROSIO | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | 1,377 | [illegible] | [illegible] | | N | | N | Local Trans-north-North Valley-Tehama County |
| 392 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | R-413 L-177A MP [illegible] EXPOSED PIPELINE | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-North Valley-Trinity County |
| 393 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | R-319 L-314 MP 25.8 LOWER PIPELINE (RT) | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | 1,371,679 | | N | | N | Hinkley-Kern-San Bernardino County |
| 394 | Capital | Base | Y | [illegible] | P.[illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - L-[illegible] MP 7.73 INSTALL NEW VLV | Valve Auto - California [illegible] | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 395 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | BRENTWOOD TERMINAL GROUNDING | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | 64,040 | [illegible] | | N/A | | N | Tracy-Contra Costa County |
| 396 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - RIDGECREST TRS & DREG [illegible] | RIDGECREST TRS & DREG [illegible]-RPLC [illegible] VLVS | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N | | N | Local Trans-south-Kern-Kern County |
| 397 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | [illegible] MP[illegible] AND MP[illegible] REPL | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | Y | [illegible] | [illegible] | [illegible] | | N | | N | Local Trans-north-Sierra-Yuba County |
| 398 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | "CANC" L-[illegible] MP [illegible] REPLACE [illegible] P | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 399 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | [illegible] OREGON [illegible] REBUILD | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-south-[illegible] |
| 400 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Water and Levee | [illegible] REMEDIATE PIPE SPAN | [illegible] REMEDIATE PIPE SPAN | Construction | [illegible] | [illegible] | 7/1/2015 | 7/1/2015 | N | Y | N | 17 | [illegible] | [illegible] | | N/A | | N | Local Trans-north-North Coast-[illegible] |
| 401 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | GT [illegible] REPLACE V-[illegible] INLET TO | Close-Out | [illegible] | 11/17/2014 | 12/18/2014 | 12/30/2014 | N | N | N | [illegible] | [illegible] | [illegible] | | N | | N | Local Trans-north-North Bay-[illegible]-Napa Coun |
| 402 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | HOLLISTER - STATION FULL REBUILD | Construction | 3/1/2014 | 9/25/2017 | [illegible] | 12/20/2017 | N | Y | N | [illegible] | 329,000 | 22,329,000 | | N/A | | N | Milpitas-[illegible]-Central Coast-San Benito County |
| 403 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | [illegible] INSTALL OPP FOR [illegible] | Construction | 3/1/2014 | 7/27/2015 | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Rio Vista-[illegible]-Solano County |
| 404 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-[illegible] MP [illegible] REPLACE [illegible] LINER | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | Y | | N | Local Trans-south-San Francisco-San Francisco Coun |
| 405 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75G | General Reliability | [illegible]-GSM CORROSION ENGINEERING | 2017-01 INSTALL PIPELINE BLOW-DOWNS | Construction | [illegible] | [illegible] | 12/31/2019 | 12/31/2019 | N | Y | N | 1 | 177 | [illegible] | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 406 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | [illegible] MP 1.[illegible] REPLACE V 14-[illegible] BLOWDOWN | Construction | 5/1/2015 | 2/18/2016 | 3/7/2016 | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N | | N | Milpitas-[illegible]-San Jose-Santa Clara County |
| 407 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-L-400 MP 204.01 V-1 REPLACEMENT | L-400 MP 204.01 V-1 REPLACEMENT | Construction | 3/17/2014 | [illegible] | 6/30/2015 | 6/23/2015 | N | N | Y | 654,740 | 674,977 | 674,977 | | N | | N | Willows-Sacramento-Colusa County |
| 408 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75J | Capital Repair | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | 2013-[illegible] MP 0.00-0.04 LEAK REPAIR | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 409 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75E | Water and Levee | [illegible]-L-[illegible] MP 11.17 RETIRE RIVER XING | L-[illegible] MP 11.17 RETIRE RIVER XING | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | 34,613 | [illegible] | [illegible] | | N/A | | N | Local Trans-north-Sacramento-Yolo County |
| 410 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75E | Water and Levee | [illegible]-L-[illegible] MP 0.00 SAC RIVER RELOCATION | L-[illegible] MP 0.00 SAC RIVER RELOCATION | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N | | N | Rio Vista-Sacramento-Solano County |
| 411 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | R-[illegible] L-177A MP[illegible] PIPE REPL THOM | Construction | 10/1/2013 | 10/1/2013 | [illegible] | [illegible] | N | Y | N | 2,3[illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-[illegible] Valley-Sutter County |
| 412 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | [illegible] MP 12.[illegible] REPLC V-A & V-D | Construction | 11/20/2014 | 7/20/2016 | [illegible] | 6/30/2016 | N | Y | N | [illegible] | [illegible] | [illegible] | | N | | N | Hinkley-San Bernardino County |
| 413 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] MP [illegible] RLPC V-1 | [illegible] MP [illegible] RLPC V-1 | Construction | 12/1/2014 | 12/1/2014 | [illegible] | [illegible] | N | Y | N | 1,714 | [illegible] | [illegible] | | N/A | | N | Hinkley-San Bernardino County |
| 414 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - INOP AND HTO VALVE PLACEHOLDE | INOP AND HTO VALVE PLACEHOLDER CAP | Construction | [illegible] | 3/1/2014 | [illegible] | [illegible] | N | Y | N | 7 | [illegible] | [illegible] | | N/A | | N | Systemwide-Systemwide-San Luis Obispo County |
| 415 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | V-[illegible] VALVE REPL - L-[illegible] MP [illegible] REMOVE | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | Y | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-south-[illegible]-Santa Clara County |
| 416 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75H | Class Location | [illegible] AND MP 1[illegible].71 CC | L-[illegible] MP[illegible] AND MP 1[illegible].71 CCC | Construction | 3/1/2014 | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N | | N | Hinkley-[illegible]-San Bernardino County |
| 417 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-L-121 MP 2.0[illegible] MLV REMOVAL | L-121 MP 2.0[illegible] MLV REMOVAL | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | 322,040 | | N/A | | N | Local Trans-north-Sierra-Butte County |
| 418 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75F | Pipeline Emergency R | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L057A_[illegible] | Engineering/Permitting | 5/7/2015 | [illegible] | [illegible] | [illegible] | Y | N | N | | | 644,000 | | N/A | | N | Tracy-Diablo |
| 419 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75E | Water and Levee | [illegible]_REMV_PIPE_HOOGLU | R-[illegible] L-[illegible] MP [illegible] REMOVE PIP | Close-Out | 12/1/2013 | [illegible] | [illegible] | [illegible] | N | N | Y | [illegible] | [illegible] | [illegible] | | N | | N | Rio Vista-[illegible]-San Joaquin County |
| 420 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Shallow Pipe | [illegible] LOWERING MAIN (CAPITAL) | [illegible] LOWERING MAIN (CAPITAL) | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 421 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Capital Strength Tes | [illegible]_MPO_MITIGATE_PRESSURED_ | GT RT-[illegible]_MPO_MITIGATE_PRESSURED | Close-Out | [illegible] | 12/20/2014 | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N/A | | N | [illegible]-Valley-Colusa County |
| 422 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75G | General Reliability | [illegible]-GSM CORROSION ENGINEERING | "CANC" COST ESTIMATING TOOL | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | Y | -177 | -1 | -1 | | N/A | | N | [illegible]-Calaveras County |
| 423 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75A | Cathodic Protection | [illegible] - INTEGRITY INSPECTIONS & CTS I | Systemwide New CP Systems | Engineering/Permitting | [illegible] | 7/1/2015 | [illegible] | [illegible] | N | N | N | | | 15,200,000 | | N | | N | Systemwide-Systemwide |
| 424 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75C | Regulator Stations | [illegible]-GSM REG STATIONS | 20TH AVE & MLK_L[illegible]_INSTALL VALVES | Construction | [illegible] | [illegible] | [illegible] | [illegible] | Y | N | N | [illegible] | [illegible] | 214,318 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 425 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75B | Vintage pipe | [illegible]-GSM PIPELINE RELIABILITY/SAFETY | L-[illegible] REPL [illegible] | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Systemwide-Systemwide-Sonoma County |
| 426 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75M | Shallow Pipe | [illegible]-GSM CORROSION ENGINEERING | DFM-[illegible]-01 REPL 2,4[illegible] MP 0.00-[illegible] | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | Y | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 427 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible]-G TRANS RELIABILITY - PIPELINE | DFM [illegible] V-[illegible] & [illegible]-01 V-[illegible] REPLACE | Close-Out | [illegible] | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-south-[illegible]-San Mateo County |
| 428 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75D | Valves | [illegible] - [illegible]-01 MP 2.[illegible] VLV REPLACEMEN | [illegible]-01 MP 2.[illegible] VLV REPLACEMENT | Close-Out | 9/17/2013 | [illegible] | [illegible] | [illegible] | N | N | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 429 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75I | Valve Automation | [illegible]-VALVE AUTO-L105N MP [illegible] | VALVE AUTO - L-105N MP [illegible] PH2 | Construction | 8/15/2014 | 6/16/2016 | 9/1/2016 | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-East Bay-north-Contra Costa Coun |
| 430 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75I | Valve Automation | [illegible]-VALVE AUTO-L105N MP10.11 TIMBER | VALVE AUTO - L105N MP 10.11 TIMBER PH2 | Construction | 10/10/2014 | 8/10/2015 | [illegible] | 9/17/2015 | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-[illegible]-Alameda County |
| 431 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75I | Valve Automation | [illegible]-VALVE AUTO-THORNTON | VALVE AUTO - THORNTON PH2 | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-[illegible]-Alameda County |
| 432 | Capital | Base | Y | [illegible] | [illegible] | 75 | GT Pipeline Related | 75I | Valve Automation | [illegible]-VALVE AUTO-ALVARADO CROSSOVER | VALVE AUTO - ALVARADO CROSSOVER PH2 | Construction | [illegible] | [illegible] | [illegible] | [illegible] | N | Y | N | [illegible] | [illegible] | [illegible] | | N/A | | N | Local Trans-north-[illegible]-Alameda County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group |
| 433 | Capital | Base | Y | 31807 | 31041729 | 75 | GT Pipeline Related | 75I | Valve Automation | 5782363-VALVE AUTO - ROUSSEAU |
| 434 | Capital | Base | Y | 31822 | 31076502 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784855-VALVE AUTO-L103 MP17.88 OLD STAGE |
| 435 | Capital | Base | Y | 31823 | 31076594 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784850-VALVE AUTO-L3101 & OLD REDWOOD HWY |
| 436 | Capital | Base | Y | 31824 | 31076595 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784540-VALVE AUTO-LAGUNA DE SANTA ROSA |
| 437 | Capital | Base | Y | 31825 | 31074595 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784451-VALVE AUTO-L021C MP 01.14 MONROE |
| 438 | Capital | Base | Y | 31828 | 31074016 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784522-VALVE AUTO-L119B MP3.14 |
| 439 | Capital | Base | Y | 31829 | 31076003 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784048-VALVE AUTO-L402 MP9.85 |
| 440 | Capital | Base | Y | 31830 | 31074894 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784843-VALVE AUTO-L402 MP20.72 |
| 441 | Capital | Base | Y | 31831 | 31074896 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784840-VALVE AUTO-L402 MP27.98 |
| 442 | Capital | Base | Y | 31835 | 31074897 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784847-VALVE AUTO-L402 MP33.52 |
| 443 | Capital | Base | Y | 31848 | 31130504 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784814-VALVE AUTO-L300B MP405.205 |
| 444 | Capital | Base | Y | 31853 | 31080859 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784859-VALVE AUTO-L021E MP108.08 |
| 445 | Capital | Base | Y | 31854 | 31088863 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784853-VALVE AUTO-L021E MP114.89 |
| 446 | Capital | Base | Y | 31855 | 31101129 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784520-VALVE AUTO-L1423 MP4.30 |
| 447 | Capital | Base | Y | 31858 | 31101157 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784523-VALVE AUTO-L1424 MP8.10 |
| 448 | Capital | Base | Y | 31856 | 31101168 | 75 | GT Pipeline Related | 75I | Valve Automation | [illegible]-VALVE AUTO-BAKERSFIELD |
| 449 | Capital | Base | Y | 31859 | 31101160 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784558-VALVE AUTO-SANTA RITA |
| 450 | Capital | Base | Y | 31860 | 31088600 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784843-VALVE AUTO-L400 MP78.00/L401 MP78.0 |
| 451 | Capital | Base | Y | 31861 | 31088605 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784445-VALVE AUTO-BURNEY |
| 452 | Capital | Base | Y | 31869 | 31088602 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784434-VALVE AUTO-L0805-01 MP3.14 |
| 453 | Capital | Base | Y | 31873 | 31088322 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784550-VALVE AUTO-[illegible] |
| 454 | Capital | Base | Y | 31874 | 31088658 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784550-VALVE AUTO-GANSELL JUNCTION |
| 455 | Capital | Base | Y | 31877 | 31089301 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784580-VALVE AUTO-L103 MP22.71 |
| 456 | Capital | Base | Y | 31704 | 31023589 | 75 | GT Pipeline Related | 75H | Class Location | 5784083-L-147 MP 1.89-2.29 REPLACE 2000 FT |
| 457 | Capital | Base | Y | 31708 | 31022534 | 75 | GT Pipeline Related | 75M | Station Pipe | 5783025-L134A_MP32.8_REPLACE_[illegible] |
| 458 | Capital | Base | Y | 31709 | 31076027 | 75 | GT Pipeline Related | 75I | Valve Automation | 5784544-VALVE AUTO-L402 MP14.75 |
| 459 | Capital | Base | Y | 31723 | 14023331 | 75 | GT Pipeline Related | 75B | Major gas Leaks | 5758815-DFM 7224-01 MP2.44_REMOVE_BN_CAPITAL |
| 460 | Capital | Base | Y | 31730 | Blank | 75 | GT Pipeline Related | 75P | Pipeline Emergency R | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 461 | Capital | Base | Y | 31749 | 31025017 | 75 | GT Pipeline Related | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 462 | Capital | Base | Y | 31782 | 31102201 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 463 | Capital | Base | Y | 31823 | 31027844 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 464 | Capital | Base | Y | 31812 | 31025152 | 75 | GT Pipeline Related | 75D | Valves | 5707859-31025152 - 7217-01_MP1.57_[illegible]_REPLAC |
| 465 | Capital | Base | Y | 31834 | 31024850 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 466 | Capital | Base | Y | 31891 | 31022880 | 75 | GT Pipeline Related | 75C | Regulator Stations | 5758208-31022880 - STATION-ROG RGV CONTROL UPGRA |
| 467 | Capital | Base | Y | 31895 | 31004594 | 75 | GT Pipeline Related | 75D | Valves | 5757858-31004594 - L-301F MP 3.37 VALVE SET REPL |
| 468 | Capital | Base | Y | 32042 | 30823816 | 75 | GT Pipeline Related | 75O | Capital Repair | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 469 | Capital | Base | Y | 32059 | 31022545 | 75 | GT Pipeline Related | 75H | Class Location | 5767329-31022545 - 210C_29.85_REPLACE 80 OF 24IN |
| 470 | Capital | Base | Y | 32129 | 31023054 | 75 | GT Pipeline Related | 75P | Pipeline Emergency R | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 471 | Capital | Base | Y | 32174 | 31033942 | 75 | GT Pipeline Related | 75D | Valves | 5757327-31033942 - 1624-01_MP0-1.37_REMOVE_PCFS_ |
| 472 | Capital | Base | Y | 32215 | 31030172 | 75 | GT Pipeline Related | 75N | Capital Strength Test | 5757344-31030172 - 1209-01REMOVE U_SD1209-01 3-3 |
| 473 | Capital | Base | Y | 32220 | 31040859 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 474 | Capital | Base | Y | 32230 | 31202915 | 75 | GT Pipeline Related | 75I | Valve Automation | 5781753-[illegible] |
| 475 | Capital | Base | Y | 32272 | 31203881 | 75 | GT Pipeline Related | 75J | Casings | 5790010-L-147 MP 0.45-0.55 REPLACE 600 FEET |
| 476 | Capital | Base | Y | 32277 | 31024894 | 75 | GT Pipeline Related | 75P | Pipeline Emergency R | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 477 | Capital | Base | Y | 32300 | 31030014 | 75 | GT Pipeline Related | 75E | Vintage pipe | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 478 | Capital | Base | Y | 32323 | 31303777 | 75 | GT Pipeline Related | 75O | Capital Repair | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 479 | Capital | Base | Y | 32353 | 31053503 | 75 | GT Pipeline Related | 75N | Capital Strength Test | 5783782-DFM-7225-01 TEST MP 0.00 TO MP 5.5 |
| 480 | Capital | Base | Y | 32422 | 31081025 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 481 | Capital | Base | Y | 32424 | 31081920 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 482 | Capital | Base | Y | 32436 | 31102204 | 75 | GT Pipeline Related | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE |
| 483 | Capital | Base | Y | 32439 | 31042970 | 75 | GT Pipeline Related | 75P | Pipeline Emergency R | 5501657-GSM PIPELINE RELIABILITY/SAFETY |
| 484 | Capital | Base | Y | 32452 | 31080820 | 75 | GT Pipeline Related | 75D | Valves | 5780208-31080820-DFM 0214-01 MP 1.03 REPLACE V-4 |
| 485 | Capital | Base | Y | 32474 | 31044010 | 75 | GT Pipeline Related | 75M | Station Pipe | 5758808-L-105 REPL 1.27[illegible] MP 17.8[illegible]-18.29 |
| 486 | Capital | Base | Y | 32484 | 31043229 | 75 | GT Pipeline Related | 75P | Pipeline Emergency R | 5521657-GSM PIPELINE RELIABILITY/SAFETY |

| A | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|
| Line # | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project kept in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) |
| 433 | VALVE AUTO - ROUSSEAU PH2 | Construction | 5/28/2015 | 8/10/2015 | 6/15/2016 | 10/27/2016 | Y | Y | N |
| 434 | VALVE AUTO - L103 MP 17.88 OLD STAGE PH2 | Construction | 6/25/2015 | 4/28/2016 | 6/28/2016 | 9/11/2016 | Y | Y | N |
| 435 | GT V-208 VALVE AUTO - L3101 & OLD REDWOOD | Construction | 12/1/2014 | 8/31/2015 | 12/18/2015 | 1/28/2016 | N | Y | N |
| 436 | V-220 VALVE AUTO-[illegible] L-021D MP31 | Close-Out | 10/1/2014 | 4/8/2015 | 8/1/2015 | 8/28/2015 | N | Y | N |
| 437 | V-210 VALVE AUTO - L021C MP 01.41 MONROE | Close-Out | 10/8/2014 | 3/18/2015 | 8/8/2015 | 8/3/2015 | N | Y | N |
| 438 | VALVE AUTO - L119B MP 3.14 PH2 | Construction | 8/1/2014 | 9/1/2014 | 11/30/2016 | 11/30/2016 | N | Y | N |
| 439 | V-214 VALVE AUTO - L402 MP 9.85 PH2 | Construction | 10/8/2014 | 8/1/2016 | 7/21/2016 | 7/7/2016 | N | Y | N |
| 440 | V-216 VALVE AUTO - L402 MP 20.72 PH2 | Construction | 10/8/2014 | 8/1/2016 | 7/21/2016 | 7/2/2016 | N | Y | N |
| 441 | V-217 VALVE AUTO - L402 MP 27.98 PH2 | Construction | 10/8/2014 | 8/1/2016 | 7/21/2016 | 7/2/2016 | N | Y | N |
| 442 | V-218 VALVE AUTO - L402 MP 33.52 PH2 | Construction | 10/8/2014 | 8/1/2016 | 7/21/2016 | 7/2/2016 | N | Y | N |
| 443 | VALVE AUTO - L300B MP 405.205 PH2 | Construction | 12/23/2013 | 8/1/2015 | 6/30/2016 | 6/30/2016 | N | N | N |
| 444 | V-230 VALVE AUTO - L021E MP 108.08 PH2 | Construction | 1/7/2015 | 7/28/2015 | 9/15/2015 | 9/23/2015 | Y | Y | N |
| 445 | V-237 VALVE AUTO - L021E MP 114.89 PH2 | Construction | 12/18/2014 | 8/28/2015 | 12/9/2015 | 11/18/2015 | N | Y | N |
| 446 | VALVE AUTO - L1423 MP 4.30 PH2 KERN SC | Construction | 11/25/2014 | 6/8/2015 | 12/28/2015 | 1/27/2016 | N | Y | N |
| 447 | VALVE AUTO - L1424 MP 8.88 DOMINGO AVE S | Construction | 6/8/2013 | 3/7/2015 | 8/14/2015 | 4/27/2015 | Y | Y | N |
| 448 | VALVE AUTO - L1425 MP 11.47 BAKERSFIELD | Construction | 1/7/2015 | 6/8/2015 | 12/8/2015 | 11/18/2015 | Y | Y | N |
| 449 | VALVE AUTO - SANTA RITA PH2 | Construction | 1/8/2015 | 6/24/2015 | 11/28/2015 | 1/8/2016 | Y | Y | N |
| 450 | V-242 VALVE AUTO - L400 MP 78.00 & L-40 | Construction | 7/1/2014 | 7/1/2014 | 11/30/2016 | 11/30/2016 | N | Y | N |
| 451 | VALVE AUTO - BURNEY PH2 | Construction | 7/1/2014 | 7/1/2014 | 11/30/2016 | 11/30/2016 | N | Y | N |
| 452 | VALVE AUTO - DFM0805-01 MP 3.14 PH2 | Construction | 7/1/2014 | 7/1/2014 | 6/30/2017 | 6/30/2017 | N | Y | N |
| 453 | V-258 L-108 MP42.72 TURNER ROAD | Construction | 6/24/2015 | 8/13/2016 | 6/30/2016 | 9/10/2016 | Y | Y | N |
| 454 | VALVE AUTO - GANSELL JUNCTION PH2 | Construction | 8/24/2015 | 8/29/2016 | 9/4/2016 | 9/17/2016 | Y | Y | N |
| 455 | VALVE AUTO - L103 MP 22.71 PH2 | Construction | 9/22/2014 | 8/24/2015 | 8/7/2016 | 7/10/2015 | N | Y | N |
| 456 | L-147 MP 1.89-2.29 REPLACE 2000 FT | Construction | 10/21/2013 | 8/18/2017 | 11/2/2017 | 10/9/2017 | N | Y | N |
| 457 | R-600 L-134A 0.0786 MP 32.80-32.71 RELO | Construction | 12/21/2013 | 8/28/2015 | 12/2/2015 | 11/28/2015 | N | Y | N |
| 458 | V-215 VALVE AUTO - L402 MP 14.75 PH2 | Construction | 10/8/2014 | 8/1/2016 | 7/21/2016 | 7/2/2016 | N | Y | N |
| 459 | DFM 7224-01 MP2.44_REMOVE_BN_CAPITAL | Construction | 9/11/2013 | 12/22/2016 | 2/28/2017 | 3/4/2017 | N | Y | N |
| 460 | L108_MP94.70_ReplacePipe_BearCreek | Engineering/Permitting | 9/10/2014 | 7/1/2015 | 10/15/2018 | 10/15/2018 | N | N | N |
| 461 | 101A MP-2.27 RPLC 75 FT OF [illegible] | Close-Out | 12/1/2013 | 10/1/2013 | 4/2/2016 | 6/2/2016 | N | N | Y |
| 462 | V177A_MP40.57_REPLACE BOV [illegible] | Close-Out | 10/28/2014 | 4/13/2015 | 4/13/2015 | 8/2/2015 | N | N | Y |
| 463 | 2409-17 RPLC 4-IN VALVE [illegible] | Close-Out | 12/11/2013 | 6/1/2014 | 7/12/2014 | 7/15/2014 | N | [illegible] | N |
| 464 | 7217-07 MP 1.57 REPLACE VALVES | Close-Out | 3/6/2014 | 6/1/2014 | 6/25/2014 | 6/3/2014 | N | N | N |
| 465 | RT-077 0107-01 RPLC 8-IN VALVE 817 | Close-Out | 10/18/2013 | 11/17/2013 | 1/6/2014 | 2/4/2014 | N | N | N |
| 466 | STATION-ROG RGV CONTROL UPGRADES | Construction | 3/1/2014 | 8/29/2016 | 7/16/2016 | 7/8/2016 | N | Y | N |
| 467 | L-301F MP 3.37 VALVE SET REPLACEMENT | Close-Out | 1/16/2014 | 1/16/2014 | 2/22/2014 | 2/25/2014 | N | N | N |
| 468 | 209 LEAK ROOT CAUSE L-177A CUT-OUT | Close-Out | 9/1/2012 | 9/1/2012 | 4/26/2014 | 4/24/2014 | N | N | N |
| 469 | 210C_29.85_REPLACE 80' OF 24INCH PIPE | Close-Out | 10/21/2013 | 12/1/2013 | 11/5/2013 | 11/5/2013 | N | N | N |
| 470 | L-147 INSTALL PRESSURE REDUCTION SYSTE | Close-Out | 10/1/2013 | 10/1/2013 | 3/4/2014 | 3/4/2014 | N | N | N |
| 471 | RT-078 1624-01_MP0-1.37_REMOVE_PCFS_P18 | Close-Out | 11/8/2013 | 12/12/2013 | 1/8/2014 | 1/30/2014 | N | N | N |
| 472 | GT 1209-01REMOVE U_SD1209-01 3-26INCH VAL | Close-Out | 11/1/2013 | 1/17/2014 | 3/20/2014 | 4/3/2014 | N | N | N |
| 473 | GT V-108 VALVE REPL - DFM-7226-16 MP 0.0 | Close-Out | 3/1/2014 | 1/8/2015 | 2/16/2015 | 1/28/2015 | N | N | Y |
| 474 | VALVE AUTO - SCHELLVILLE STATION PH2 | Construction | 6/24/2015 | 6/2/2016 | 8/17/2016 | 7/29/2016 | Y | Y | N |
| 475 | R-377 L-147 [illegible] MP 0.07-0.52 MITER | Close-Out | 9/18/2014 | 10/8/2014 | 11/25/2014 | 12/28/2014 | N | N | N |
| 476 | L-162N MP-13 LEAK IN 16 INCH CASING | Close-Out | 11/1/2013 | 11/1/2013 | 3/10/2014 | 3/12/2014 | N | N | N |
| 477 | 108 REPL [illegible] MP 42.33-42.72 | Construction | 11/1/2013 | 11/1/2013 | 9/18/2015 | 9/18/2015 | N | Y | N |
| 478 | RT-001 DFM-7224-03 MP 1.4811-1.9450 RELO | Construction | 3/1/2014 | 3/2/2015 | 4/14/2016 | 3/31/2016 | N | Y | N |
| 479 | DFM-7225-01 TEST MP 0.00 TO MP 5.5 | Close-Out | 11/20/2013 | 12/1/2013 | 1/28/2015 | 1/28/2015 | N | N | Y |
| 480 | V-181 VALVE REPL - DFM-0807-01 MP 7.29 V | Close-Out | 3/1/2014 | 6/1/2015 | 7/28/2015 | 8/23/2015 | N | Y | N |
| 481 | L-210A MP 18.90 CROSS TIE V-3 REPLACEMENT | Close-Out | 3/1/2014 | 7/28/2014 | 8/27/2014 | 9/28/2014 | N | N | N |
| 482 | 0804-01 V-51-FIAB REPLMNT-LK/STOP ISSUES | Construction | 10/1/2014 | 10/1/2014 | 12/29/2016 | 12/29/2016 | N | Y | N |
| 483 | 0806-06 MP2.4 DIGS REPLACEMENT | Close-Out | 12/1/2013 | 12/1/2013 | 3/25/2014 | 3/25/2014 | N | N | N |
| 484 | GT V-104 VALVE REPL - DFM-0214-01 MP 1.0 | Close-Out | 3/7/2014 | 1/7/2015 | 2/8/2015 | 2/12/2015 | N | N | Y |
| 485 | R-436 L-105 1.27[illegible] MP 17.8[illegible]-18.2[illegible] REPLAC | Construction | 3/8/2015 | 6/22/2016 | 6/28/2016 | 8/4/2016 | Y | Y | N |
| 486 | [illegible] MP FLAG LEAK REPAIR- CAPITAL | Close-Out | 10/1/2013 | 10/1/2013 | 1/16/2014 | 1/16/2014 | N | N | N |

| A | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|
| Line # | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 433 | 10,940 | 209,764 | 209,764 | | N/A | | N | Local Trans-south-San Francisco-San Francisco Coun |
| 434 | 14,687 | 31,032 | 1,433,737 | | N | | N | Local Trans-south-Central Coast-Santa Clara County |
| 435 | 405,330 | 728,728 | 785,288 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 436 | 1,288,021 | 1,438,189 | 1,438,189 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 437 | 1,147,700 | 1,280,418 | 1,280,418 | | N | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 438 | 1,229 | 4,427 | 147,458 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 439 | 53,842 | 102,707 | 1,698,845 | | N/A | | N | Local Trans-north-North Valley-Glenn County |
| 440 | 90,528 | 108,031 | 2,108,824 | | N/A | | N | Local Trans-north-North Valley-Glenn County |
| 441 | 87,581 | 102,601 | 2,102,794 | | N/A | | N | Local Trans-north-North Valley-Glenn County |
| 442 | 60,589 | 127,672 | 1,707,238 | | N/A | | N | Local Trans-north-North Valley-Glenn County |
| 443 | 2,109 | 2,109 | 2,109 | | N/A | | N | Local Trans-south-Central Coast-San Benito County |
| 444 | 300,702 | 418,180 | 578,187 | | N/A | | N | Local Trans-north-North Coast-eureka-Mendocino Cou |
| 445 | 442,345 | 482,732 | 2,190,531 | | N/A | | N | Local Trans-north-North Coast-[illegible] County |
| 446 | 360,603 | 380,527 | 2,308,173 | | N/A | | N | Local Trans-south-Kern-Kern County |
| 447 | 43,028 | 49,832 | 2,212,425 | | N/A | | N | Local Trans-south-Kern-Kern County |
| 448 | 528,230 | 537,434 | 3,403,203 | | N/A | | N | Local Trans-south-Kern-Kern County |
| 449 | 209,029 | 280,749 | 3,239,147 | | N/A | | N | Local Trans-north-[illegible] County |
| 450 | 13 | 9,345 | 4,300,071 | | N | | N | Local Trans-north-North Valley-Shasta County |
| 451 | 1,113 | 6,089 | 1,570,741 | | N/A | | N | Local Trans-north-North Valley-Shasta County |
| 452 | 782 | 1,184 | 1,942,427 | | N | | N | Local Trans-south-Central Coast-Santa Clara County |
| 453 | 5,425 | 29,245 | 1,629,238 | | Y | | N | Local Trans-north-Stockton-Solano County |
| 454 | 803 | 848 | 2,785,051 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 455 | 655,475 | 809,122 | 809,122 | | Y | | N | Local Trans-north-East Bay-south-Alameda County |
| 456 | 503 | 6,649 | 5,205,647 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 457 | 116,565 | 143,600 | 602,365 | | N | | N | Local Trans-south-Yosemite-[illegible] County |
| 458 | 87,835 | 120,821 | 1,730,731 | | N/A | | N | Local Trans-north-North Valley-Shasta County |
| 459 | 503 | 118,715 | 359,715 | | Y | | N | Local Trans-south-Yosemite-modesto-Stanislaus Coun |
| 460 | | | 1,175,000 | | N | | N | Local Trans-north-Stockton |
| 461 | 20,562 | 480,050 | 480,050 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 462 | 658,945 | 948,187 | 948,187 | | N/A | | N | Local Trans-north-North Valley-Tehama County |
| 463 | 707 | 304,670 | 304,670 | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 464 | 2,103 | 350,605 | 352,600 | | N | | N | Local Trans-south-Yosemite-modesto-Stanislaus Coun |
| 465 | 186 | 325,036 | 325,000 | | N/A | | N | Local Trans-north-East Bay-south-Alameda County |
| 466 | 410,088 | 437,219 | 547,219 | | N/A | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 467 | 14,959 | 480,946 | 480,945 | | N/A | | N | Local Trans-south-Central Coast-Monterey County |
| 468 | 281 | 434,253 | 434,253 | | N | | N | Local Trans-north-North Coast-eureka-Trinity Count |
| 469 | 2,615 | 601,177 | 587,177 | | N/A | | N | Local Trans-north-North Bay-vallejo/napa-Solano Co |
| 470 | 447 | 280,549 | 280,549 | | N/A | | N | Systemwide-Systemwide-San Mateo County |
| 471 | 1,076 | 287,804 | 287,804 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 472 | 2,707 | 292,384 | 292,384 | | N/A | | N | Local Trans-south-Fresno-Fresno County |
| 473 | 30,420 | 403,041 | 403,041 | | N | | N | Local Trans-south-Yosemite-modesto-Stanislaus Coun |
| 474 | 12,759 | 94,801 | 2,429,509 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Napa Coun |
| 475 | -14,703 | 1,910,089 | 1,912,089 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 476 | 10,022 | 784,492 | 758,492 | | Y | | N | Local Trans-south-[illegible] County |
| 477 | -425,082 | -24,130 | -24,130 | | Y | | N | Local Trans-north-Stockton-San Joaquin County |
| 478 | 22,769 | 24,752 | 400,752 | | N | | N | Local Trans-south-Yosemite-modesto-Stanislaus Coun |
| 479 | 12,105 | 318,194 | 318,194 | | N | | N | Local Trans-south-Yosemite-[illegible] County |
| 480 | 709,781 | 789,819 | 789,819 | | N/A | | N | Local Trans-south-De Anza-Santa Clara County |
| 481 | 8,107 | 255,635 | 255,635 | | N/A | | N | Local Trans-north-Sacramento-[illegible] County |
| 482 | 668 | 1,794 | 452,711 | | N/A | | N | Local Trans-south-San Jose-Santa Clara County |
| 483 | 154 | 287,622 | 272,022 | | N | | N | Local Trans-north-North Bay-vallejo/napa-Solano Co |
| 484 | 641,610 | 528,941 | 528,941 | | N | | N | Local Trans-south-Peninsula-San Mateo County |
| 485 | 71,886 | 189,220 | 4,851,318 | | N | | N | Local Trans-south-Central Coast-Santa Clara County |
| 486 | 578 | 624,657 | 624,657 | | N | | N | Local Trans-north-Sacramento-[illegible] County |

TABLE [illegible]
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PCEPR Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Project (Report Year or Blank) | HCA (Y/N/NA) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Downstream Requirement/Recommendation (Y/N/NA) | District/Division/County |
| 487 | Capital | Base | Y | 32530 | 31048333 | 75 | GT Pipeline Rebuild | 75Z | Regulator Stations | 5501858-GSM REG STATIONS | MILPITAS TERM - INSTALL MOISTURE ANALYZE | Close-Out | 1/6/2014 | 1/2/2014 | 2/12/2015 | 3/11/2015 | N | N | Y | 63,467 | 304,816 | 304,616 | | N/A | | N | Milpitas/Edenvale-Central Coast-Santa Clara Count |
| 488 | Capital | Base | Y | 32699 | 31225783 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | L118A_MP62.7819_GRADE24_LEAK_REPAIR | Close-Out | 1/1/2014 | 2/1/2014 | 10/2/2014 | 11/27/2014 | N | N | N | 1,250 | 250,673 | 250,673 | | N | | N | Local Trans-south-Yosemite-Stanislaus Coun |
| 489 | Capital | Base | Y | 32827 | 31025747 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | DREG5180 GONZALES TOWN V-1 REPAIR | Estimation | 2/3/2014 | 2/5/2015 | 2/1/2016 | 3/15/2016 | N | Y | N | 25,867 | 25,712 | 423,512 | | N/A | | N | Local Trans-south-Central Coast-Monterey County |
| 490 | Capital | Base | Y | 32830 | 31055335 | 75 | GT Pipeline Rebuild | 75H | Capital Strength Test | 5759139-31055335-L-111A-1 MP 7.37 & 8.11 REMOVE | GT L-111A-1 MP 7.37 & 8.11 REMOVE TOW 40 | Close-Out | 2/1/2014 | 10/27/2014 | 11/21/2014 | 12/1/2014 | N | N | N | 25,185 | 574,381 | 574,381 | | N | | N | Local Trans-south-Fresno-Fresno County |
| 491 | Capital | Base | Y | 32881 | 31086922 | 75 | GT Pipeline Rebuild | 75D | Valves | 5790833-31086922-7218-01_MPO.83_REMOVE_V-0.83 | GT 7218-01_MP0.83_REMOVE_V-0.83 | Close-Out | 3/17/2014 | 10/13/2014 | 10/28/2014 | 11/6/2014 | N | N | N | -3,450 | 418,400 | 410,400 | | N/A | | N | Local Trans-south-Yosemite-Stanislaus Coun |
| 492 | Capital | Base | Y | 32989 | 31050820 | 75 | GT Pipeline Rebuild | 75B | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | L-132 MP 0.83-1.20 REPL | Construction | 7/1/2013 | 3/17/2015 | 6/26/2016 | 6/8/2016 | N | Y | N | 21,220 | 59,619 | 4,911,315 | | Y | | N | Local Trans-south-San Jose-Santa Clara County |
| 493 | Capital | Base | Y | 33094 | 31188471 | 75 | GT Pipeline Rebuild | 75B | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | L 131 MP 31.83 RPLC 430 FT OF 26-IN | Construction | 6/1/2015 | 6/1/2016 | 7/31/2017 | 7/31/2017 | Y | N | N | | | 400,000 | | N/A | | N | Tracy/Mission-Alameda County |
| 494 | Capital | Base | Y | 33131 | 31277635 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | GT V-105 3403-02 RPLC 6-IN VALVE EXT | Close-Out | 6/2/2014 | 12/15/2014 | 3/13/2015 | 3/18/2015 | N | N | Y | 495,625 | 873,632 | 873,320 | | N/A | | N | Local Trans-north-Mission-Alameda County |
| 495 | Capital | Base | Y | 33135 | 31201771 | 75 | GT Pipeline Rebuild | 75F | Pipeline Emergency II | 5501857-GSM PIPELINE RELIABILITY/SAFETY | GT-4290 1819-01 MP 10.14 EMERGENCY TREE D | Close-Out | 3/6/2014 | 3/6/2014 | 8/31/2014 | 9/17/2014 | N | N | N | 627 | 1,183,385 | 1,183,683 | | N/A | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 496 | Capital | Base | Y | 33250 | 31075903 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | V-08 REPAIR LEAKING VALVE | Close-Out | 3/6/2014 | 9/23/2014 | 11/25/2014 | 11/21/2014 | N | N | N | 47,691 | 949,750 | 949,750 | | N/A | | N | Local Trans-south-Fresno-Fresno County |
| 497 | Capital | Base | Y | 33380 | 31053087 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | DFM 3005-01 RELOCATE 700FT OF 6" MP 5.05 | Construction | 6/30/2014 | 2/6/2017 | 6/17/2017 | 8/24/2017 | N | Y | N | 787 | 25,488 | 784,653 | | N | | N | Local Trans-north-Diablo-Contra Costa County |
| 498 | Capital | Base | Y | 33406 | 31097415 | 75 | GT Pipeline Rebuild | 75D | Valves | 5790803-187 MP 4.31 BVOP MAINLINE VALVE SET | 187 MP 4.31 BVOP MAINLINE VALVE SET | Close-Out | 9/10/2014 | 9/10/2015 | 4/16/2015 | 4/8/2015 | N | N | Y | 748,813 | 780,080 | 780,089 | | N/A | | N | Local Trans-south-Central Coast-Monterey County |
| 499 | Capital | Base | Y | 33451 | 31070679 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | GT-000 DFM 1401-01 REPLACE DFM 10/500 OF | Construction | 4/2/2014 | 10/13/2015 | 12/31/2015 | 12/6/2015 | N | Y | N | 109,070 | 224,400 | 475,989 | | N/A | | N | Local Trans-south-San Francisco-San Francisco Coun |
| 500 | Capital | Base | Y | 33553 | 31120856 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | "CANC" 109 MP 47.71-47.85 REPLACE 200FT | Construction | 6/13/2014 | 6/26/2015 | 6/8/2016 | 7/14/2016 | N | Y | N | 1,557 | 10,880 | 10,811 | | N/A | | N | Local Trans-north-Stockton-San Joaquin County |
| 501 | Capital | Base | Y | 33625 | 31073609 | 75 | GT Pipeline Rebuild | 75D | Valves | 5790543-31073609-DFM 021 MP 0.87 V-301 LEAK | V-104 VALVE REPL - DFM-0214-01 MP 0.87 V | Close-Out | 5/6/2014 | 7/29/2014 | 8/8/2014 | 8/8/2014 | N | N | N | 8,604 | 313,172 | 315,172 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 502 | Capital | Base | Y | 33650 | 31070654 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | L118A_MP61.37_REPLACE_BVOP_VALVES_V1_V2 | Construction | 11/6/2014 | 5/4/2015 | 7/3/2015 | 8/22/2015 | N | Y | N | 2,100,037 | 2,114,780 | 2,114,780 | | N/A | | N | Local Trans-south-Yosemite-Merced County |
| 503 | Capital | Base | Y | 34000 | 31058302 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | RT-108 DFM 0527-01 MP 0.74-0.78 RELOCATE | Estimation | 7/7/2014 | 7/7/2014 | 12/14/2015 | 12/14/2015 | N | Y | N | 13,650 | 33,457 | 409,457 | | N | | N | Local Trans-north-Sacramento-Yolo County |
| 504 | Capital | Base | Y | 34040 | 31071716 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | "CANC" 132 MP 43.43-43.44 RETIREMENT/CLEAN | Close-Out | 5/1/2014 | 5/1/2014 | 7/3/2015 | 7/3/2015 | N | Y | N | -146 | -1 | -1 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 505 | Capital | Base | Y | 34287 | 31098355 | 75 | GT Pipeline Rebuild | 75H | Class Location | 5790824-L-300B MP 230.38-231.0 COC | 9-021 L-300B CLASS MP 230.38-231.03 RPL | Construction | 11/30/2014 | 10/8/2015 | 3/25/2015 | 3/3/2015 | N | Y | N | 182,320 | 183,070 | 6,182,353 | | N/A | | N | L300-north-Kern-Bakersfield-Kern County |
| 506 | Capital | Base | Y | 34485 | 31099785 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | 3005 MP 131.87 V-18 IN OP | Close-Out | 11/6/2014 | 1/29/2015 | 2/12/2015 | 2/11/2015 | N | N | Y | 312,871 | 325,223 | 325,288 | | N | | N | Hinkley-San Bernardino County |
| 507 | Capital | Base | Y | 34502 | 31098715 | 75 | GT Pipeline Rebuild | 75H | Class Location | 5787854-L-114 REPL 0.3888 MP 15.80-17.20 | GT L-114 REPL 0.3888 MP 15.80-17.20 | Close-Out | 7/7/2014 | 8/22/2014 | 11/4/2014 | 8/30/2014 | N | N | N | -932,867 | 2,113,973 | 2,122,370 | | N/A | | N | Local Trans-north-Diablo-Contra Costa County |
| 508 | Capital | Base | Y | 34702 | 31037407 | 75 | GT Pipeline Rebuild | 75D | Valves | 5790543-31037407-BVOP VALVE - L220 MP 34.11 V-1 | GT RT-117 BVOP VALVE - L220 MP 34.11 V-1 | Close-Out | 8/1/2014 | 3/4/2016 | 3/3/2016 | 3/11/2015 | N | N | Y | 371,857 | 382,785 | 383,283 | | N/A | | N | Local Trans-north-Sacramento-Yolo County |
| 509 | Capital | Base | Y | 34859 | 31080314 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | BVOP VALVES - TAPS VALVE LOT REBUILD | Construction | 11/17/2014 | 6/22/2015 | 6/30/2015 | 8/24/2015 | N | N | Y | 438,268 | 408,281 | 490,281 | | N/A | | N | Local Trans-north-Sacramento-Solano County |
| 510 | Capital | Base | Y | 34869 | 31080045 | 75 | GT Pipeline Rebuild | 75D | Valves | 5790809-BVOP VALVE - L150 MP 3.81 (PCRSET) V-2 | BVOP VALVE - L150 MP 3.81 (PCRSET) V-2 | Close-Out | 10/28/2014 | 2/23/2015 | 6/13/2015 | 3/13/2015 | N | N | Y | 784,275 | 782,785 | 782,765 | | N | | N | Local Trans-north-Sacramento-Yolo County |
| 511 | Capital | Base | Y | 35260 | 31101248 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | 153_3WP 7.34-8.18 | Construction | 2/3/2015 | 12/25/2015 | 3/14/2017 | 12/5/2017 | Y | Y | N | 385,103 | 370,410 | 5,677,187 | | N/A | | N | Local Trans-north-Mission-Alameda County |
| 512 | Capital | Base | Y | 35403 | 31088505 | 75 | GT Pipeline Rebuild | 75L | Fault Crossings | 5783787-L-021A MP17.15 FAULT CROSSING MITIGATION | GT L-021A MP17.15 FAULT CROSSING MITIGAT | Close-Out | 6/26/2014 | 6/24/2014 | 11/14/2014 | 8/13/2014 | N | N | N | 48,600 | 1,005,674 | 1,005,674 | | N/A | | N | Local Trans-north-North Bay-Napa County |
| 513 | Capital | Base | Y | 35453 | 31100239 | 75 | GT Pipeline Rebuild | 75D | Valves | 5912281-G TRANS RELIABILITY - PIPELINE | V-284 VALVE REPL - DFM-0600-03 MP 0.1900 | Construction | 8/1/2014 | 6/14/2015 | 8/26/2015 | 8/22/2015 | N | Y | N | 158,850 | 171,304 | 171,304 | | N/A | | N | Topock-San Bernardino County |
| 514 | Capital | Base | Y | 35464 | 31088820 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | GT L-314 MP 24.80 EMERGENCY LEAK REPAIR- | Close-Out | 8/1/2014 | 9/7/2014 | 9/10/2014 | 1/27/2014 | N | N | N | 18,580 | 430,080 | 430,080 | | N/A | | N | Hinkley-San Bernardino County |
| 515 | Capital | Base | Y | 35604 | 31101250 | 75 | GT Pipeline Rebuild | 75L | Fault Crossings | 5783784-021B MP 3.86 FAULT CROSSING MITIGATION | GT L-021B MP 3.66 FAULT CROSSING MITIGAT | Close-Out | 8/1/2014 | 9/29/2014 | 11/19/2014 | 11/19/2014 | N | N | N | 35,594 | 1,077,271 | 1,077,271 | | N | | N | Local Trans-north-North Bay-Napa County |
| 516 | Capital | Base | Y | 35852 | 31110016 | 75 | GT Pipeline Rebuild | 75D | Shallow Pipe | 5790808-1303-01_2.00_LOWER 8INCH DFM | 1303-01_2.00_LOWER 8INCH DFM | Construction | 8/22/2014 | 7/8/2015 | 8/10/2015 | 8/22/2015 | N | Y | N | 409 | 783 | 888,330 | | N/A | | N | Local Trans-north-North Coast-Sonoma Co |
| 517 | Capital | Base | Y | 36041 | 31109500 | 75 | GT Pipeline Rebuild | 75D | Casing Repair | 5501857-GSM PIPELINE RELIABILITY/SAFETY | RT-128 132 MP 3.07 EMERGENCY CASING LEAK | Close-Out | 10/17/2014 | 12/30/2014 | 1/6/2015 | 4/8/2015 | N | N | Y | 402,633 | 2,477,150 | 2,479,680 | | N | | N | Milpitas/Edenvale-San Jose-Santa Clara County |
| 518 | Capital | Base | Y | 35919 | 31115325 | 75 | GT Pipeline Rebuild | 75H | Capital Strength Test | 5818340-2015 SHORTS FOR CAPITAL | RT-128 DROP 1083 MP 0.0 to 1075 | Close-Out | 10/22/2014 | 2/11/2015 | 4/24/2015 | 3/28/2015 | N | N | Y | 547,788 | 658,405 | 555,485 | | N | | N | Local Trans-north-Sierra-Yuba County |
| 519 | Capital | Base | Y | 36326 | 31115820 | 75 | GT Pipeline Rebuild | 75L | Fault Crossings | 5783744-RT-125 L-021E MP 137.35-137.38 REPL | RT-125 L-021E MP 137.35-137.38 REPL | Construction | 11/24/2014 | 2/8/2016 | 4/8/2016 | 3/17/2016 | N | Y | N | 38,587 | 43,293 | 794,362 | | N/A | | N | Local Trans-north-North Coast-Humboldt Coun |
| 520 | Capital | Base | Y | 37033 | 31120662 | 75 | GT Pipeline Rebuild | 75H | Capital Strength Test | 5818340-2015 SHORTS FOR CAPITAL | RT-121 STUB7941-STUB7942 REPL | Close-Out | 11/13/2014 | 1/2/2015 | 3/18/2015 | 3/11/2015 | N | N | Y | 275,420 | 285,271 | 285,271 | | N/A | | N | Local Trans-north-North Coast-Santa Rosa-Marin Cou |
| 521 | Capital | Base | Y | 37111 | 31125004 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501857-GSM PIPELINE RELIABILITY/SAFETY | L02A MP 21.04 LEAK REPAIR | Close-Out | 12/1/2014 | 12/1/2014 | 3/20/2015 | 3/28/2015 | N | N | Y | 380,043 | 727,572 | 790,413 | | N | | N | Local Trans-north-North Valley-Butte County |
| 522 | Capital | Base | Y | 4782 | 30053707 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | BURNEY K-2 GAS TURBINE REPLACEMENT | Construction | 12/20/1997 | 3/1/2017 | 3/18/2018 | 8/1/2017 | N | Y | N | 227,646 | 1,077,686 | 84,777,084 | | N | 2011 | N | Burney-North Valley-Shasta County |
| 523 | Capital | Base | Y | 4290 | 30003881 | 76 | GT Station Rebuild | 76A | Routine Capital Oper | 5501856-GSM L300 STATION RELIABILITY | TOPOCK K4 REPLACE FOUNDATION | Construction | 1/14/2013 | 2/17/2015 | 6/13/2016 | 9/18/2016 | N | Y | N | 43,636 | 63,913 | 953,973 | | N/A | 2011 | N | Topock-Kern-Contra Costa County |
| 524 | Capital | Base | Y | 15194 | 30003775 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | TOPOCK REPLACE EXHAUST CONTROL PANELS | Close-Out | 3/15/2012 | 6/1/2013 | 9/18/2014 | 6/18/2014 | N | N | N | 13,491 | 5,846,730 | 5,846,730 | | N/A | | N | Topock-Kern-San Bernardino County |
| 525 | Capital | Base | Y | 16553 | 30033882 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | PANOCHE REPLACE V-19 | Close-Out | 7/1/2005 | 7/1/2005 | 1/29/2015 | 1/28/2015 | N | N | Y | 435 | 11,259 | 11,259 | | Y | | N | Kettleman-Fresno-Fresno County |
| 526 | Capital | Base | Y | 16580 | 30033881 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | PANOCHE REPL TRIMMER VALVES | Close-Out | 1/19/2011 | 10/13/2014 | 10/29/2014 | 11/28/2014 | N | N | N | -66,130 | 847,041 | 847,041 | | N/A | | N | L300-north-Fresno-Fresno County |
| 527 | Capital | Base | Y | 17845 | 30004855 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | GT INDIAN SPRINGS STATION UPGRADE | Close-Out | 1/21/2009 | 6/18/2014 | 11/7/2014 | 8/31/2016 | N | N | N | 118,763 | 3,229,137 | 3,229,137 | | N/A | 2011 | N | Burney-North Valley-Shasta County |
| 528 | Capital | Base | Y | 17844 | 30004854 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | SHINGLETOWN PLS STATION UPGRADE | Construction | 1/21/2009 | 3/1/2012 | 12/18/2017 | 12/18/2017 | N | Y | N | 44,768 | 84,362 | 13,036,362 | | N/A | 2011 | N | Burney-North Valley-Shasta County |
| 529 | Capital | Base | Y | 18302 | 30004139 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | UNFORESEEN GT STATION CAPITAL PROJECTS | Engineering/Planning | 1/1/2007 | 1/1/2007 | 12/31/2022 | 12/31/2022 | N | N | N | | | | | N | 2011 | N | Hinkley-Contra Costa County |
| 530 | Capital | Base | Y | 18373 | 30004200 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | HINKLEY POND 4 NEW LINER INSTALLATION | Close-Out | 12/1/2009 | 11/1/2010 | 10/7/2011 | 10/7/2011 | N | N | N | | 1,387,480 | 1,387,480 | | N/A | 2008, 2011 | N | Hinkley-Kern-Kern County |
| 531 | Capital | Base | Y | 18601 | 30025083 | 76 | GT Station Rebuild | 76A | Routine Capital Oper | 5501856-GSM L300 STATION RELIABILITY | DELEVAN K-2 INSTALL ELECTRIC VFD STARTE | Construction | 1/1/2016 | 1/1/2016 | 8/9/2016 | 8/9/2016 | Y | N | N | 6,135 | 6,135 | 1,235,135 | | N | | N | Willows-Colusa County |
| 532 | Capital | Base | Y | 18341 | 30077507 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | SYSTEM-WIDE SCADA/DATA REPLACEMENT | Close-Out | 1/21/2009 | 3/4/2014 | 6/18/2015 | 12/29/2011 | N | N | Y | 72,201 | 2,058,273 | 2,058,273 | | N/A | | N | Systemwide-Systemwide-Sacramento County |
| 533 | Capital | Base | Y | 18264 | 30003192 | 76 | GT Station Rebuild | 76A | Routine Capital Oper | 5501856-GSM L300 STATION RELIABILITY | HINKLEY CS E118812 INSTALL UNIT FLOW MTR | Close-Out | 3/1/2009 | 3/1/2009 | 1/31/2013 | 1/31/2013 | N | N | N | 1,086 | 50,606 | 50,895 | | N | | N | Hinkley-Kings County |
| 534 | Capital | Base | Y | 18358 | 30752807 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | GT AMR DATA TO SCADA - SHELL (ABE) - 7 | Close-Out | 1/27/2010 | 3/1/2010 | 1/18/2012 | 1/18/2012 | N | N | N | 1,489 | 252,905 | 252,605 | | N/A | | N | Systemwide-Systemwide-Contra Costa County |
| 535 | Capital | Base | Y | 18251 | 30025258 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | TOPOCK SECURITY SYSTEM INSTALLATION | Close-Out | 9/8/2008 | 11/17/2014 | 12/18/2015 | 9/22/2015 | N | Y | N | 1,252,717 | 2,191,127 | 2,191,127 | | N/A | | N | Topock-San Bernardino County |
| 536 | Capital | Base | Y | 18006 | 30003853 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | BRENTWOOD OPP ON L57A FROM L2 | Close-Out | 1/5/2013 | 1/22/2015 | 3/9/2015 | 3/18/2015 | N | N | Y | 1,553,871 | 2,208,421 | 2,208,421 | | N/A | | N | Tracy-Diablo-Contra Costa County |
| 537 | Capital | Base | Y | 19331 | 30031317 | 76 | GT Station Rebuild | 76A | Routine Capital Oper | 5501856-GSM L300 STATION RELIABILITY | GERBER AUTOMATE L-177 MLV | Close-Out | 1/18/2011 | 6/1/2011 | 3/8/2013 | 3/8/2013 | N | N | N | 10,788 | 457,660 | 657,500 | | N/A | | N | Willows-North Valley-Tehama County |
| 538 | Capital | Base | Y | 19419 | 30052740 | 76 | GT Station Rebuild | 76A | Routine Capital Oper | 5501856-GSM L300 STATION RELIABILITY | PLG4 REPLACE RELIEF VALVE SYSTEM | Close-Out | 1/8/2013 | 9/4/2014 | 12/5/2014 | 12/12/2014 | N | N | N | 525,922 | 2,644,080 | 2,644,080 | | N/A | | N | L300-north-Kern-Kern County |
| 539 | Capital | Base | Y | 19629 | 30032589 | 76 | GT Station Rebuild | 76H | Compressor Stations | 5501853-GSM L300 STATION RELIABILITY | TOPOCK CS CONTROL UPGRADE | Construction | 2/15/2012 | 1/1/2016 | 3/21/2018 | 1/5/2019 | N | Y | N | 842,574 | 3,713,108 | 13,044,158 | | Y | | N | Topock-Kern-Bakersfield-San Bernardino County |
| 540 | Capital | Base | Y | 19625 | 30077603 | 76 | GT Station Rebuild | 76E | Terminal Reliability | 5501857-GSM TERMINAL RELIABILITY | SYSTEMWIDE DATEL REPLACEMENT | Close-Out | 1/21/2009 | 3/4/2014 | 6/13/2015 | 3/26/2014 | N | N | Y | 834,711 | 807,218 | 807,218 | | N/A | | N | Systemwide-Systemwide-Multiple Counties |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date (to work started or underway in the reporting period) | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 541 | Capital | Base | Y | 19927 | 30676544 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | PLS-2, REPLACE INSERTION TURBINE METERS | Close-Out | 7/24/2009 | 1/1/2011 | 10/10/2011 | 10/18/2011 | N | N | N | 530 | 317,570 | 317,570 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 542 | Capital | Base | Y | 20000 | 30641156 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | MCD IS TCS - REPLACE MCC | Construction | 9/18/2013 | 5/8/2016 | 12/22/2016 | 1/06/2016 | N | Y | N | 49,581 | 76,492 | 4,677,535 | | N/A | | N | Mcdonald Island-Stockton-Colusa County |
| 543 | Capital | Base | Y | 20013 | 30712888 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | KETTLEMAN K2 TURBINE EXCHANGE | Close-Out | 1/9/2012 | 1/1/2012 | 10/19/2012 | 10/18/2012 | N | N | N | | 1,292,159 | 1,292,159 | | N/A | 2011 | N | Kettleman-Fresno-Kings County |
| 544 | Capital | Base | Y | 20016 | 30713367 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | BETHANY UNIT VFD REPLACEMENT | Close-Out | 9/19/2011 | 7/25/2014 | 10/7/2015 | 5/26/2016 | N | Y | N | 3,795,989 | 11,634,568 | 11,634,568 | | N/A | 2011 | N | Tracy-Stockton-San Joaquin County |
| 545 | Capital | Base | Y | 20034 | 30726195 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | HINKLEY K1B REPLACE ACTUATORS | Close-Out | 8/27/2010 | 3/1/2010 | 4/2/2013 | 4/2/2013 | N | N | N | -6,897 | 597,879 | 595,379 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 546 | Capital | Base | Y | 20041 | 30713886 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | BETHANY UPGRADE UNIT CONTROLS | Construction | 6/1/2009 | 10/21/2014 | 1/9/2016 | 8/22/2016 | N | Y | N | 333,768 | 1,425,840 | 1,910,840 | | N/A | 2011 | N | Tracy-Stockton-Alameda County |
| 547 | Capital | Base | Y | 20065 | 30729102 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | BRENTWD ROUTING VALVE ACTUATOR REPLACEME | Close-Out | 3/6/2012 | 1/21/2014 | 10/24/2014 | 5/26/2014 | N | N | N | 56,459 | 3,654,720 | 3,654,720 | | N/A | | N | Tracy-Diablo-Contra Costa County |
| 548 | Capital | Base | Y | 20084 | P.04337 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | MCD IS WSS REBUILD | Close-Out | 10/14/2010 | 12/1/2010 | 11/17/2012 | 11/17/2012 | N | N | N | 64,030 | 49,335,774 | 49,335,774 | | N/A | 2011 | N | Mcdonald Island-Diablo-San Joaquin County |
| 549 | Capital | Base | Y | 20095 | 30712986 | 75 | GT Station Rebuild | 75C | Do Not Use-Use 75K & | 5501697-GSM TERMINAL RELIABILITY | "CANC" MCD IS WSS - REBUILD GAS PROCESSI | Close-Out | 1/1/2012 | 1/1/2012 | 3/3/2012 | 3/3/2012 | N | N | N | | | | | N | 2011 | N | Mcdonald Island-San Joaquin County |
| 550 | Capital | Base | Y | 20099 | 30300067 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | TOPOCK - REPLACE GAS DETECTORS | Construction | 8/16/2013 | 10/19/2016 | 2/16/2016 | 2/1/2016 | N | Y | N | 131,965 | 343,195 | 588,195 | | Y | | N | Topock-Kern-San Bernardino County |
| 551 | Capital | Base | Y | 25700 | 30641102 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | GT TOPOCK, REPLACE JACKET WATER PIPING | Close-Out | 1/5/2012 | 10/13/2014 | 11/9/2014 | 10/27/2014 | N | N | N | 2,850 | 850,158 | 1,050,158 | | N/A | | N | Topock-San Bernardino County |
| 552 | Capital | Base | Y | 20714 | 30760091 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | HERSHEY JUNCTION PLC & REG REPLACEMENT | Close-Out | 1/1/2013 | 1/1/2010 | 11/15/2012 | 11/19/2012 | N | N | N | 880 | 3,887,632 | 3,887,482 | | N/A | | N | Willows-North Valley-Yolo County |
| 553 | Capital | Base | Y | 20852 | 30718159 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | DELEVAN K-3 TURBINE EXCHANGE | Close-Out | 10/16/2012 | 4/16/2013 | 6/21/2013 | 4/29/2013 | N | N | N | | 2,424,324 | 2,424,324 | | N/A | 2011 | N | Willows-Glenn County |
| 554 | Capital | Base | Y | 21083 | 30728810 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS - FACILITY AUTOMATION | Close-Out | 6/19/2009 | 8/1/2009 | 10/25/2010 | 12/29/2010 | N | N | N | 60,139 | 3,407,618 | 3,407,618 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 555 | Capital | Base | Y | 21531 | 30784809 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | OC1 LOS MEDANOS SECURITY IMPROVEMENTS | Close-Out | 3/1/2010 | 3/1/2010 | 12/19/2011 | 12/19/2011 | N | N | N | 700 | 463,359 | 463,359 | | N | | N | Los Medanos-Contra Costa County |
| 556 | Capital | Base | Y | 21923 | 30785139 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | ANTIOCH TERMINAL INSTALL MOISTURE ANLZR | Close-Out | 3/1/2010 | 3/1/2010 | 12/27/2013 | 12/27/2013 | N | N | N | 200 | 290,346 | 290,346 | | N/A | | N | Los Medanos-Contra Costa County |
| 557 | Capital | Base | Y | 22001 | 30641686 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | HINKLEY - INSTALL OIL HEATER K11 & K12 | Construction | 1/8/2013 | 5/16/2016 | 6/13/2016 | 5/18/2016 | N | Y | N | 28,847 | 51,695 | 461,695 | | Y | | N | Hinkley-Kern-Colusa County |
| 558 | Capital | Base | Y | 22043 | 30504863 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | HINKLEY - INSTALL AIR SURGE TANKS & PUMPS | Construction | 1/5/2012 | 8/31/2015 | 6/23/2016 | 6/15/2016 | N | Y | N | 1,188,889 | 3,253,305 | 13,253,305 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 559 | Capital | Base | Y | 22102 | 30504868 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | CREED- CONTROLS & METERING UPGRADE | Close-Out | 3/10/2011 | 5/8/2012 | 12/30/2013 | 12/28/2013 | N | N | N | 1,343 | 7,086,332 | 7,086,332 | | N/A | | N | Rio Vista-Sacramento-Solano County |
| 560 | Capital | Base | Y | 22128 | 30787555 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | MCDI MCS UPGRADE SWITCHGEAR RELAYING | Close-Out | 7/1/2010 | 7/1/2010 | 3/31/2012 | 3/31/2012 | N | N | N | 52,287 | 948,800 | 948,300 | | N/A | | N | Mcdonald Island-Diablo-San Joaquin County |
| 561 | Capital | Base | Y | 22133 | 30841104 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | DELEVAN INSTALL FIRE SUPPRESSION SYSTEM | Close-Out | 1/23/2012 | 12/18/2013 | 7/28/2014 | 8/1/2014 | N | N | N | 12,234 | 2,497,036 | 2,497,936 | | N/A | | N | Willows-North Valley-Colusa County |
| 562 | Capital | Base | Y | 22790 | 30552500 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | HINKLEY P-UNIT CAPITAL UPGRADES | Close-Out | 12/21/2011 | 11/5/2012 | 12/31/2013 | 5/20/2013 | N | N | N | 43 | 381,788 | 381,788 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 563 | Capital | Base | Y | 24228 | 30578825 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | IRVINGTON V8 REPLACEMENT | Close-Out | 4/14/2011 | 9/9/2011 | 9/4/2013 | 9/4/2013 | N | N | N | 10,250 | 718,550 | 718,550 | | N/A | | N | Milpitas-Hollister-Mission-Santa Clara County |
| 564 | Capital | Base | Y | 24250 | 30803107 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | MCD IS TCS - REBUILD WASTE WATER SYSTEM | Construction | 1/9/2012 | 2/1/2013 | 11/1/2016 | 11/1/2016 | N | Y | N | 150 | 3,586 | 504,136 | | N/A | | N | Mcdonald Island-Diablo-San Joaquin County |
| 565 | Capital | Base | Y | 24412 | 30852648 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | YUBA CITY HOLDER | Close-Out | 6/18/2011 | 6/16/2014 | 6/1/2015 | 12/4/2014 | N | N | Y | 419,625 | 3,073,059 | 3,073,059 | | N/A | | N | Local Trans-north-Sierra-Sutter County |
| 566 | Capital | Base | Y | 24459 | 30861853 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | MCDI TCS & WSS REBUILD FIRE WATER SYSTEM | Construction | 1/6/2012 | 8/25/2016 | 11/16/2016 | 10/28/2016 | N | Y | N | 43,026 | 356,434 | 4,356,513 | | N/A | | N | Mcdonald Island-Stockton-San Joaquin County |
| 567 | Capital | Base | Y | 24470 | 30878867 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697A-GSM TERMINAL RELIABILITY | SHERIDAN RD REBUILD STATION-ECON STIM | Construction | 8/24/2011 | 4/25/2016 | 6/10/2016 | 8/12/2016 | N | Y | N | 297,023 | 3,255,728 | 7,699,240 | | N/A | | N | Milpitas-Hollister-Mission-Santa Clara County |
| 568 | Capital | Base | Y | 24473 | 30803784 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | MILPITAS REPLACE AUTO TRANSFER SWITCH | Close-Out | 1/9/2012 | 11/4/2013 | 1/21/2014 | 4/16/2014 | N | N | N | 4,634 | 820,280 | 820,280 | | N/A | | N | Milpitas-Hollister-Central Coast-Santa Clara Count |
| 569 | Capital | Base | Y | 24478 | 30898884 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | OLD RIVER V5 REPLACEMNT AND V4 CONTROLLR | Construction | 1/9/2012 | 4/1/2016 | 8/22/2016 | 8/4/2016 | N | Y | N | 119,151 | 274,914 | 1,911,910 | | N | | N | Tracy-Diablo-Contra Costa County |
| 570 | Capital | Base | Y | 24480 | 30803826 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | BRENTWOOD-REPLACE 2" BLOW-OFF VALVES | Construction | 1/6/2012 | 2/1/2012 | 12/31/2016 | 12/31/2016 | N | Y | N | 9,474 | 348,449 | 748,449 | | N/A | | N | Tracy-Diablo-Contra Costa County |
| 571 | Capital | Base | Y | 24530 | 30803750 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | IRVINGTON-REPLACE ACTUATORS ON MONITORS | Construction | 1/3/2012 | 4/22/2015 | 6/21/2015 | 8/11/2015 | N | Y | N | 1,333,204 | 2,670,509 | 2,670,509 | | N/A | | N | Milpitas-Hollister-Central Coast-Alameda County |
| 572 | Capital | Base | Y | 24550 | 30803841 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | B-145 MILPITAS - REPL BRISTOL VALVE CONT | Close-Out | 1/5/2012 | 2/11/2013 | 7/17/2013 | 6/29/2013 | N | N | N | 2,728 | 1,636,960 | 1,636,960 | | N/A | | N | Milpitas-Hollister-San Jose-Santa Clara County |
| 573 | Capital | Base | Y | 24552 | 30850194 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS PHYSICAL SECURITY | Close-Out | 6/29/2011 | 8/19/2013 | 1/20/2014 | 11/25/2013 | N | N | N | 10,882 | 1,712,353 | 1,712,353 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 574 | Capital | Base | Y | 24584 | 31108721 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | SANTA ROSA COMP- REPLACE PLC AND I/O | Construction | 3/25/2015 | 8/13/2016 | 8/26/2016 | 6/1/2016 | Y | N | N | 14,282 | 14,282 | 414,282 | | Y | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 575 | Capital | Base | Y | 24587 | 30825708 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | HERMANN STA- AUTOMATE BYPASS | Construction | 10/19/2011 | 6/26/2014 | 11/30/2016 | 10/29/2016 | N | Y | N | 4,923,151 | 11,723,788 | 11,923,788 | | N/A | | N | Local Trans-north-North Bay-Solano Co |
| 576 | Capital | Base | Y | 24672 | 30803808 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | GT BURNEY REPLACE STA RELIEF VALVES | Close-Out | 2/2/2012 | 9/10/2015 | 1/18/2016 | 1/18/2016 | N | N | Y | 100,579 | 342,116 | 342,116 | | N/A | | N | Burney-North Valley-Shasta County |
| 577 | Capital | Base | Y | 24681 | 30895810 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | PANOCHE SECURITY UPGRADE | Construction | 12/28/2011 | 10/9/2015 | 1/19/2016 | 12/31/2016 | N | Y | N | 59,259 | 467,149 | 467,149 | | N/A | | N | L300-north-Fresno-Fresno County |
| 578 | Capital | Base | Y | 24689 | 30850913 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | TOPOCK INSTALL SUCTION SEPARATION | Close-Out | 9/21/2011 | 8/2/2013 | 1/17/2014 | 11/27/2012 | N | N | N | 9,862 | 13,464,230 | 13,464,250 | | N/A | | N | Topock-Kern-San Bernardino County |
| 579 | Capital | Base | Y | 24706 | 30856759 | 75 | GT Station Rebuild | 75G | Station Reliability | 5512183-GT STATION RELIABILITY | L-101 MP33.69 REBUILD LOMITA PARK STN | Close-Out | 7/20/2011 | 8/18/2014 | 8/1/2015 | 2/2/2016 | N | N | Y | 3,204,030 | 8,527,987 | 8,527,987 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 580 | Capital | Base | Y | 24037 | 30868334 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | TOPOCK - INSTALL METERING AND ODORIZER | Close-Out | 7/1/2011 | 7/1/2011 | 8/2/2012 | 8/2/2012 | N | N | N | 1,024 | 1,879,677 | 1,879,677 | | N/A | | N | Topock-Kern-San Bernardino County |
| 581 | Capital | Base | Y | 24027 | 30803726 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501693-GSM L300 STATION RELIABILITY | HINKLEY - REPLACE FIRE DETECTION SYSTEMS | Close-Out | 1/6/2012 | 6/23/2014 | 9/1/2015 | 4/18/2015 | N | Y | N | 21,210 | 454,227 | 454,227 | | N/A | | N | Hinkley-Kern-San Bernardino County |
| 582 | Capital | Base | Y | 24881 | 30801082 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | DELEVAN MLVS INSTALL OPP | Estimation | 1/6/2012 | 6/29/2016 | 6/10/2016 | 4/29/2016 | N | Y | N | 151,334 | 1,512,055 | 6,465,375 | | N/A | | N | Willows-North Valley-Colusa County |
| 583 | Capital | Base | Y | 25026 | 30858287 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | MILPITAS CONTROLS UPGRADE | Close-Out | 2/20/2012 | 9/17/2014 | 2/11/2015 | 6/12/2014 | N | N | Y | 151,310 | 3,051,759 | 3,051,759 | | N/A | | N | Milpitas-Hollister-Central Coast-Santa Clara Count |
| 584 | Capital | Base | Y | 25190 | 30877815 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS NEW HYDRAULIC AND CONTROL SY | Close-Out | 9/21/2011 | 4/29/2013 | 8/23/2013 | 8/13/2013 | N | N | N | 627 | 3,885,204 | 3,885,204 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 585 | Capital | Base | Y | 25279 | 30911629 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | IRVINGTON INSTALL SECURITY SYSTEM | Construction | 5/31/2012 | 12/9/2016 | 1/19/2016 | 12/31/2016 | N | Y | N | 141,339 | 339,236 | 519,236 | | N/A | | N | Milpitas-Hollister-Santa Clara County |
| 586 | Capital | Base | Y | 25283 | 30803766 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | GERBER STATION GAS CHROMATOGRAPH | Construction | 1/6/2012 | 2/14/2012 | 6/26/2016 | 6/25/2016 | N | Y | N | 12,189 | 14,117 | 253,867 | | N/A | | N | Willows-Tehama County |
| 587 | Capital | Base | Y | 25392 | 30803557 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | IRVINGTON STATION - INSTALL SEPARATORS | Construction | 1/6/2012 | 8/8/2016 | 10/29/2016 | 10/13/2016 | N | Y | N | 80,302 | 882,940 | 2,057,369 | | N/A | | N | Milpitas-Hollister-Central Coast-Alameda County |
| 588 | Capital | Base | Y | 25195 | 30948215 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | GT TOPOCK POND NO.1 LINER REPLACEMENT | Close-Out | 6/18/2013 | 10/13/2014 | 11/29/2014 | 11/20/2014 | N | N | N | 80,863 | 873,877 | 873,877 | | N/A | | N | Topock-Kern-San Bernardino County |
| 589 | Capital | Base | Y | 25325 | 30900254 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | GERBER INSTALL GAS COOLER ENCLOSURE | Close-Out | 1/19/2012 | 5/1/2013 | 9/10/2013 | 9/10/2013 | N | N | N | 189 | 325,641 | 325,641 | | N | | N | Willows-Glenn County |
| 590 | Capital | Base | Y | 25440 | 30900429 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | GT LOS MEDANOS K-1 OIL FILTER HOUSING RE | Close-Out | 2/10/2012 | 11/13/2014 | 12/19/2014 | 11/26/2014 | N | N | N | 11,299 | 419,512 | 419,512 | | N/A | | N | Los Medanos-Diablo-Contra Costa County |
| 591 | Capital | Base | Y | 25441 | 30913284 | 75 | GT Station Rebuild | 75K | Storage Gas Process | 5512165-GT STORAGE WELL REWORK | SANTA ROSA CS K-1 OVERHAUL | Close-Out | 3/1/2012 | 3/1/2012 | 12/14/2012 | 12/14/2012 | N | N | N | 500 | 421,001 | 420,001 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 592 | Capital | Base | Y | 25579 | 30913285 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501697-GSM TERMINAL RELIABILITY | SANTA ROSA CS K-2 OVERHAUL | Close-Out | 3/1/2012 | 3/1/2012 | 12/14/2012 | 12/14/2012 | N | N | N | 117 | 413,620 | 420,620 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 593 | Capital | Base | Y | 25642 | 30952886 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | HINKLEY INSTALL SUCTION SEPARATION | Construction | 2/21/2013 | 5/1/2017 | 12/19/2017 | 10/12/2017 | N | Y | N | 108,321 | 847,169 | 5,276,074 | | N/A | | N | Hinkley-San Bernardino County |
| 594 | Capital | Base | Y | 20869 | 30877283 | 75 | GT Station Rebuild | 75N | Routine Capital Spen | 5501693-GSM L300 STATION RELIABILITY | BETHANY L-401 OPP | Construction | 3/8/2013 | 2/2/2018 | 6/2/2020 | 6/18/2020 | N | Y | N | 194,509 | 194,371 | 3,672,085 | | N/A | | N | Tracy-Stockton-San Joaquin County |

TABLE 5-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Governance Requirement Recommendation (Y/N/ N/A) | District/Division/County |
| 595 | Capital | Base | Y | 22081 | 31124859 | 70 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | BETHANY AIR COMPRESSOR/DRYER REPLACEMEN | Construction | 8/1/2013 | 8/1/2013 | 12/29/2017 | 12/29/2017 | N | Y | N | 129 | 3,349 | 812,015 | | N | 2011 | N | Tracy-Stockton-San Joaquin County |
| 596 | Capital | Base | Y | 23867 | 30891020 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | BELLES VMNR VALVE AND ACTUATOR REPLACE | Construction | 5/22/2015 | 11/1/2016 | 1/13/2017 | 12/19/2016 | N | Y | N | 38,430 | 80,374 | 1,028,452 | | N | | N | Tracy-San Joaquin County |
| 597 | Capital | Base | Y | 23879 | 30852257 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | HINKLEY 6-UNITS REPLACE FOUNDATIONS | Construction | 12/14/2012 | 10/1/2012 | 12/20/2018 | 12/20/2018 | N | Y | N | 188 | 9,578 | 6,255,578 | | N/A | | N | Hinkley-San Bernardino County |
| 598 | Capital | Base | Y | 23878 | 30852286 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | HINKLEY STATION REPLACE GENSUS BLOCKS | Close-Out | 10/8/2012 | 3/14/2014 | 10/17/2014 | 10/17/2014 | N | N | N | 22,134 | 800,177 | 800,177 | | N/A | | N | Hinkley-San Bernardino County |
| 599 | Capital | Base | Y | 23878 | 30840574 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | TOPOCK REPLACE AIR COMPRESSORS & DRYERS | Construction | 8/16/2015 | 11/2/2016 | 7/12/2019 | 3/12/2019 | N | Y | N | 978,031 | 2,170,282 | 6,870,282 | | N/A | | N | Topock-Kern-San Bernardino County |
| 600 | Capital | Base | Y | 25582 | 30887622 | 76 | GT Station Rebuild | 7BE | Storage Gas Process | 5512183-GT STORAGE WELL REWORK | HINKLEY K3 COMPRESSOR OVERHAUL | Construction | 5/13/2015 | 2/2/2016 | 7/8/2016 | 7/8/2016 | N | Y | N | 142,087 | 250,580 | 250,580 | | Y | | N | Hinkley-San Bernardino County |
| 601 | Capital | Base | Y | 25707 | 31010807 | 70 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | MILPITAS METERS REPLACE OUTGOING MTRS | Construction | 6/25/2013 | 1/1/2014 | 11/18/2019 | 11/18/2019 | N | Y | N | 2,570 | 60,129 | 1,560,129 | | Y | | N | Milpitas-Peninsula-San Jose-Santa Clara County |
| 602 | Capital | Base | Y | 25723 | 30878485 | 76 | GT Station Rebuild | 7BL | Storage Compressors | 5512183-GT STORAGE WELL REWORK | MCD B - REPLACE TCS THERMAL OXIDIZER | Close-Out | 6/18/2013 | 8/8/2014 | 12/9/2014 | 6/18/2014 | N | N | N | 87,329 | 2,091,848 | 2,801,945 | | Y | | N | McDonald Island-Diablo-San Joaquin County |
| 603 | Capital | Base | Y | 25781 | 30878857 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | TIONESTA REPLACE GAS DETECTORS | Close-Out | 3/1/2013 | 8/8/2014 | 12/31/2014 | 10/31/2014 | N | N | N | 25,347 | 656,025 | 656,025 | | N | | N | Burney-Shasta County |
| 604 | Capital | Base | Y | 25735 | 30878855 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | GERBER CS REPLACE GAS DETECTORS | Close-Out | 3/1/2013 | 10/14/2013 | 11/8/2013 | 10/30/2013 | N | N | N | 210 | 543,300 | 543,300 | | N/A | | N | Willows-Tehama County |
| 605 | Capital | Base | Y | 25736 | 30878855 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | GERBER RPLCE CNTRL BLDG RETAINING WALL | Construction | 2/1/2016 | 2/1/2016 | 11/29/2016 | 11/29/2016 | N | Y | N | 454 | 11,822 | 181,022 | | N | | N | Willows-Tehama County |
| 606 | Capital | Base | Y | 27130 | 30800049 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | SANTA ROSA COMP STA REPLACE MCC | Construction | 6/18/2013 | 6/11/2016 | 8/18/2016 | 8/18/2016 | N | Y | N | 312,643 | 400,003 | 1,800,300 | | N/A | | N | Local Transmission-North Coast-Santa Rosa-Sonoma Co |
| 607 | Capital | Base | Y | 27299 | 30823019 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | SHELL REFINERY METER AND REG STA UPGRADE | Construction | 8/1/2013 | 4/4/2016 | 6/30/2016 | 6/13/2016 | N | Y | N | 139,786 | 474,811 | 2,086,632 | | N/A | | N | Local Transmission-Diablo-Contra Costa County |
| 608 | Capital | Base | Y | 27854 | 31030277 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | LAS VINAS STA REGULATOR AND MONITOR REPL | Construction | 3/1/2014 | 6/1/2015 | 6/29/2016 | 6/9/2016 | N | Y | N | 131,224 | 328,877 | 1,328,300 | | N | | N | Rio Vista-Solano County |
| 609 | Capital | Base | Y | 28109 | 31030831 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | BETHANY WATER WELLS & SEPTIC UPGRADE | Construction | 11/16/2013 | 1/1/2016 | 3/17/2016 | 3/29/2016 | N | Y | N | 59,422 | 323,384 | 555,384 | | N/A | | N | Tracy-East Stockton-San Joaquin County |
| 610 | Capital | Base | Y | 29263 | 30887167 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | KETTLEMAN CAPACITOR BANK & POWER QUALITY | Construction | 3/4/2015 | 4/6/2015 | 5/15/2016 | 7/8/2016 | N | N | Y | 353,377 | 473,037 | 473,537 | | Y | | N | Kettleman-Kings County |
| 611 | Capital | Base | Y | 29263 | 30887170 | 70 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | KETTLEMAN REPLACE GAS DETECTORS | Close-Out | 3/9/2015 | 2/17/2016 | 6/15/2016 | 5/6/2016 | N | N | Y | 709,584 | 884,452 | 884,452 | | Y | | N | Kettleman-Kings County |
| 612 | Capital | Base | Y | 29308 | 30887171 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | HINKLEY REPLACE GAS DETECTORS | Construction | 6/18/2013 | 9/11/2015 | 6/4/2016 | 9/1/2016 | N | Y | N | 655,775 | 1,162,450 | 1,162,450 | | N/A | | N | Hinkley-San Bernardino County |
| 613 | Capital | Base | Y | 29373 | 30887351 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | TOPOCK P-UNITS - EMISSION RETROFITS | Close-Out | 1/1/2013 | 1/1/2013 | 3/3/2015 | 3/3/2015 | N | N | Y | 10,048 | 278,973 | 278,973 | | Y | | N | Topock-San Bernardino County |
| 614 | Capital | Base | Y | 29818 | P.04337 | 76 | GT Station Rebuild | 7BE | Storage Gas Process | 5512183-GT STORAGE WELL REWORK | MCD S W53 REBUILD GATE 2 | Close-Out | 2/1/2013 | 9/1/2013 | 1/23/2014 | 12/18/2013 | N | N | N | 188,173 | 14,906,725 | 14,906,725 | | Y | | N | McDonald Island-Diablo-San Joaquin County |
| 615 | Capital | Base | Y | 29881 | 30878817 | 76 | GT Station Rebuild | 7B | Station Other | 5501603-GSM L300 STATION RELIABILITY | HINKLEY INSTALL WATER WELLS & WATER LINE | Close-Out | 1/6/2014 | 6/10/2014 | 7/22/2015 | 4/30/2016 | N | Y | N | 20,341 | 1,852,665 | 1,852,665 | | Y | | N | Hinkley-Kern-San Bernardino County |
| 616 | Capital | Base | Y | 30015 | 31017654 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | NEUGH REPLACE V-134, 134R, 132 AND 136 | Construction | 3/23/2016 | 8/10/2016 | 7/21/2018 | 8/25/2018 | Y | Y | N | 47,581 | 60,011 | 1,198,258 | | N/A | | N | Local Transmission-Sacramento-Sacramento County |
| 617 | Capital | Base | Y | 30105 | 31010874 | 76 | GT Station Rebuild | 7BL | Storage Compressors | 5512183-GT STORAGE WELL REWORK | MCD IS - REPLACE MCS ATS AND UPS | Close-Out | 7/16/2013 | 12/1/2014 | 12/17/2014 | 12/24/2014 | N | N | N | 58,001 | 690,630 | 808,630 | | N/A | | N | McDonald Island-San Joaquin County |
| 618 | Capital | Base | Y | 30180 | 31040014 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | HINKLEY 6-UNIT RETROFIT CAPITAL UPGRADES | Construction | 1/24/2014 | 6/24/2014 | 2/6/2015 | 7/16/2015 | N | N | Y | 485,382 | 1,314,340 | 1,714,340 | | Y | | N | Hinkley-San Bernardino County |
| 619 | Capital | Base | Y | 30201 | 31038813 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | HINKLEY 6-UNIT COMPRESSOR OVERHAUL | Construction | 2/2/2015 | 12/1/2015 | 12/8/2015 | 11/30/2015 | Y | N | N | 101,053 | 181,853 | 181,853 | | Y | | N | Hinkley-San Bernardino County |
| 620 | Capital | Base | Y | 30228 | 31030149 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | EAST BAY SCADA REMOTE REPLACEMENT | Construction | 3/6/2015 | 3/7/2016 | 5/10/2018 | 4/27/2018 | Y | Y | N | 31,043 | 60,457 | 737,251 | | N/A | | N | Local Transmission-East Bay-Contra Costa Coun |
| 621 | Capital | Base | Y | 30251 | 31071342 | 76 | GT Station Rebuild | 7BL | Storage Compressors | 5512183-GT STORAGE WELL REWORK | MCD 13 - MCS 9-83 OPP | Expansion | 3/1/2014 | 7/27/2015 | 9/17/2015 | 8/24/2015 | N | Y | N | 218,441 | 284,947 | 284,947 | | N/A | | N | McDonald Island-San Joaquin County |
| 622 | Capital | Base | Y | 30253 | 31100723 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | TIONESTA STN BLWDWN VALVE/ACTUAT REPLCMT | Engineering/Permitting | 7/24/2014 | 7/24/2014 | 12/29/2017 | 12/29/2017 | N | N | N | | | 1,200,000 | | N | | N | Burney-Shasta County |
| 623 | Capital | Base | Y | 30260 | 31100804 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | GERBER RPLCE STN L-400 BLOWDOWN VALVES | Engineering/Permitting | 7/24/2014 | 7/24/2014 | 12/31/2018 | 12/31/2018 | N | N | N | | | 850,000 | | N | | N | Willows-Glenn County |
| 624 | Capital | Base | Y | 30319 | 30880081 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | KERN RIVER REPLACE ACTUATOR V-68 | Close-Out | 7/28/2013 | 12/1/2014 | 12/5/2014 | 7/8/2016 | N | N | N | 34,427 | 329,137 | 329,137 | | N/A | | N | Kettleman-Kings County |
| 625 | Capital | Base | Y | 30763 | 31025027 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | TESORO METER STA RPLC REGS & FILTER | Construction | 8/17/2015 | 4/1/2016 | 7/29/2016 | 8/8/2016 | N | Y | N | 58,473 | 107,236 | 1,552,137 | | N/A | | N | Local Transmission-Diablo-Contra Costa County |
| 626 | Capital | Base | Y | 31030 | 31022611 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | MILPITAS ADD VOLUME BOOSTERS TO MONITORS | Close-Out | 1/19/2014 | 1/29/2015 | 6/18/2015 | 4/9/2015 | N | N | Y | 250,347 | 440,488 | 440,452 | | N/A | | N | Milpitas-Mission-Central Coast-Santa Clara Count |
| 627 | Capital | Base | Y | 31539 | 31088453 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5512183-GT STATION RELIABILITY | PLS-4A & B - STATION REBUILD | Construction | 8/11/2015 | 4/4/2016 | 6/18/2018 | 8/18/2018 | Y | N | N | 108,908 | 108,908 | 14,780,557 | | N | | N | L300North-Kern-Bakersfield-Kern County |
| 628 | Capital | Base | Y | 31776 | P.05869 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | TIONESTA - BENTLY NEVADA 3500 SYST REPL | Close-Out | 3/20/2012 | 11/10/2016 | 1/7/2010 | 12/18/2015 | N | Y | N | 49,675 | 442,631 | 492,631 | | N/A | | N | Burney-Modoc County |
| 629 | Capital | Base | Y | 32008 | 31002886 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | BETHANY INSTALLATION OF RELIEF VALVE | Construction | 3/1/2014 | 3/10/2014 | 11/26/2016 | 11/26/2016 | N | Y | N | 630 | 2,300 | 1,662,342 | | N/A | | N | Tracy-East Bay-north-Alameda County |
| 630 | Capital | Base | Y | 32209 | 31133023 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | SANTA ROSA CS-INSTALL GSCH RELIEF VALV | Construction | 3/1/2015 | 9/1/2015 | 12/29/2017 | 12/29/2017 | Y | N | N | 3,581 | 3,581 | 128,042 | | N | | N | Local Transmission-North Coast-Santa Rosa-Sonoma Co |
| 631 | Capital | Base | Y | 32040 | 31059132 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | GERBER STN RELIEF VALVES INSTALLATION | Construction | 3/5/2014 | 4/1/2014 | 11/5/2015 | 11/6/2015 | N | Y | N | 520 | 1,281 | 2,745,845 | | N/A | | N | Willows-Tehama County |
| 632 | Capital | Base | Y | 32970 | 31058013 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | TOPOCK RPLC 6-3 & 6-8 UNIT CONTROL PANEL | Close-Out | 11/1/2013 | 9/12/2014 | 10/13/2014 | 10/17/2014 | N | N | N | 257,920 | 6,097,255 | 6,317,255 | | N/A | | N | Topock-Kern-San Bernardino County |
| 633 | Capital | Base | Y | 33412 | 31100220 | 76 | GT Station Rebuild | 7BM | SCADA Visibility | 5512183-GT STATION RELIABILITY | TRANSMISSION SCADA VISIBILITY | Construction | 10/1/2014 | 10/1/2014 | 12/28/2018 | 12/28/2018 | N | Y | N | 7,251 | 16,160 | 14,016,160 | | N/A | | N | Systemwide-Systemwide-San Luis Obispo County |
| 634 | Capital | Base | Y | 33434 | 31053333 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | HINKLEY UPGRADE K1 & K4 TURBOCHARGERS | Close-Out | 4/8/2014 | 4/6/2015 | 6/10/2015 | 6/9/2016 | N | N | Y | 98,853 | 102,383 | 102,953 | | N/A | 2008, 2011 | N | Hinkley-San Bernardino County |
| 635 | Capital | Base | Y | 33595 | 31059100 | 76 | GT Station Rebuild | 7BL | Storage Compressors | 5512183-GT STORAGE WELL REWORK | LOS MEDANOS K-1 CYLINDER 3R REPLACEMENT | Close-Out | 6/1/2014 | 6/1/2014 | 4/8/2015 | 4/9/2016 | N | N | Y | -78,534 | 720,425 | 720,425 | | N/A | | N | Los Medanos-Contra Costa County |
| 636 | Capital | Base | Y | 34245 | 31080888 | 76 | GT Station Rebuild | 7BN | Compressor Stations | 5501603-GSM L300 STATION RELIABILITY | TOPOCK RPLC K-2 & K-7 UNIT CTRL PANELS | Construction | 7/1/2014 | 7/1/2014 | 12/30/2019 | 12/30/2019 | N | Y | N | 4 | 149 | 6,000,161 | | N/A | | N | Topock-Kern-San Bernardino County |
| 637 | Capital | Base | Y | 35714 | 31088479 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | SF GAS LOAD CTRL | Construction | 6/3/2015 | 7/3/2015 | 6/18/2016 | 8/18/2015 | N | Y | N | 32,541 | 44,138 | 792,978 | | N/A | | N | Local Transmission-San Francisco-San Francisco Coun |
| 638 | Capital | Base | Y | 35215 | 31088479 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | BUCKEYE | Estimation | 3/6/2015 | 4/4/2016 | 6/14/2016 | 8/18/2016 | Y | Y | N | 39,352 | 47,653 | 354,534 | | N/A | | N | Willows-Sacramento-Yolo County |
| 639 | Capital | Base | Y | 35217 | 31088480 | 76 | GT Station Rebuild | 7BE | Terminal Reliability | 5501607-GSM TERMINAL RELIABILITY | NAPA Y METER | Construction | 3/27/2016 | 3/16/2016 | 5/29/2016 | 9/6/2016 | Y | Y | N | 13,126 | 28,800 | 562,200 | | N/A | | N | Local Transmission-North Bay-Vallejo-Napa-Napa Coun |
| 640 | Capital | Base | Y | 23026 | 31100322 | 76 | GT Station Rebuild | 7BD | Station Reliability | 5512183-GT STATION RELIABILITY | TLANC-DUNNIGAN | Close-Out | 12/1/2014 | 12/1/2014 | 6/29/2016 | 2/18/2017 | N | Y | N | -1,407 | -6 | -6 | | N/A | | N | Willows-Sierra-Yolo County |
| 641 | Capital | Base | Y | 35715 | P.08525 | 76 | GT Station Rebuild | 7BN | Routine Capital Spen | 5512183-GT STATION RELIABILITY | Sensor Operator Upgrades | Construction | 6/26/2015 | 11/30/2016 | 12/10/2015 | 12/8/2015 | Y | Y | N | 818,677 | 1,310,131 | 1,944,674 | | N/A | | N | Tracy-Stanislaus County |
| 642 | Capital | Base | Y | 14604 | 30020587 | 86 | GT Gas Gathering Sys | 86B | GG-Station Rebuild | 5501803-GSM DIVESTITURE GATH | BRANNAN ISLAND CS DECOMMISSION | Close-Out | 6/1/2007 | 6/1/2007 | 1/17/2008 | 1/17/2008 | N | N | N | 317 | 1,129,212 | 1,129,212 | | N/A | | N | Rio Vista-Sacramento-Solano County |
| 643 | Capital | Base | Y | 15960 | P.01802 | 86 | GT Gas Gathering Sys | 86C | GG- Reliability/Safe | 5501803-GSM DIVESTITURE GATH | Program - Gas Gathering Divestiture | Construction | 6/23/2007 | 2/1/2008 | 5/20/2009 | 4/30/2009 | N | N | N | 54,850 | 5,000,500 | 6,440,730 | | N/A | | N | Meridian-North Valley-Sutter County |
| 644 | Capital | Base | Y | 19969 | 30877714 | 86 | GT Gas Gathering Sys | 86A | GG-Connections | 5501803-GSM DIVESTITURE GATH | "CAMC" DAIRY BIO-METHANE INTERCONNECTI | Close-Out | 1/27/2010 | 1/27/2010 | 3/8/2012 | 3/8/2012 | N | N | N | | | | | N | 2011 | N | Local Transmission-Stockton-Multiple Counties |
| 645 | Capital | Base | Y | 20604 | 30700082 | 86 | GT Gas Gathering Sys | 86C | GG- Reliability/Safe | 5501803-GSM DIVESTITURE GATH | L300-040 MP 0.00 REPLACE 2507 | Close-Out | 1/27/2010 | 3/1/2010 | 3/25/2010 | 3/25/2010 | N | N | Y | 13,907 | 222,134 | 1,945,050 | | N | | N | Meridian-Sacramento-Colusa County |
| 646 | Capital | Base | Y | 21760 | 30841079 | 86 | GT Gas Gathering Sys | 86B | GG-Station Rebuild | 5501803-GSM DIVESTITURE GATH | SPRAGUE STATION - ABANDON DEHYDRATOR | Construction | 2/10/2011 | 4/1/2011 | 12/15/2018 | 12/18/2018 | N | Y | N | 1,881 | 35,341 | 421,982 | | N/A | | N | Meridian-North Valley-Glenn County |
| 647 | Capital | Base | Y | 25781 | 30880001 | 86 | GT Gas Gathering Sys | 86B | GG-Station Rebuild | 5501803-GSM DIVESTITURE GATH | 210 MP 0.01, REPLACE V-5 | Close-Out | 12/1/2011 | 12/1/2011 | 11/16/2012 | 11/16/2012 | N | N | N | 944 | 387,783 | 387,783 | | N | | N | Rio Vista-Sacramento-Solano County |
| 648 | Capital | Base | Y | 28188 | 30880015 | 86 | GT Gas Gathering Sys | 86D | Gas Gathering | 5501803-GSM DIVESTITURE GATH | L-189-1-1 RETIREMENT | Construction | 8/9/2012 | 8/1/2012 | 12/28/2013 | 12/28/2013 | N | Y | N | 4,188 | 129,225 | 225,075 | | N/A | | N | Rio Vista-Sacramento-Sacramento County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Recommendation (Y/N/ N/A) | Division/District/County |
| 649 | Capital | Base | Y | 28365 | 30067796 | 84 | GT Gas Gathering Sys | 84B | GO-Station Related | 5001039-GSM DIVESTITURE GATH | SHERMAN ISLAND - RETIRE DEHY'S EQUIPMENT | Construction | 4/1/2013 | 4/1/2013 | 8/27/2016 | 8/27/2016 | N | Y | N | 25,744 | 435,973 | 1,794,835 | | N | | N | Rio Vista-[illegible]-Solano County |
| 650 | Capital | Base | Y | 28374 | 30059706 | 84 | GT Gas Gathering Sys | 84B | GO-Station Related | 5001039-GSM DIVESTITURE GATH | DERRA - RETIRE PRODUCTION TANKS | Close-Out | 11/1/2012 | 11/1/2012 | 1/23/2013 | 1/23/2013 | N | N | Y | 4,676 | 449,179 | 449,179 | | N/A | | N | Rio Vista-[illegible]-Solano County |
| 651 | Capital | Base | Y | 28915 | 30071979 | 84 | GT Gas Gathering Sys | 84B | GO-Station Related | 5001039-GSM DIVESTITURE GATH | RETIRE FLEET KNIGHT RANCH 1-13 | Construction | 2/7/2013 | 12/1/2016 | 2/7/2017 | 1/14/2017 | N | Y | N | 2,874 | [illegible] | 280,713 | | N/A | | N | Marysville-[illegible]-Sutter County |
| 652 | Capital | Base | Y | 29475 | 31018143 | 84 | GT Gas Gathering Sys | 84B | GO-Station Related | 5001039-GSM DIVESTITURE GATH | CAMP SPRAGUE STATION - INSTALL ODORIZER | Close-Out | 11/1/2013 | 11/1/2013 | 2/14/2015 | 2/14/2015 | N | N | Y | -131,204 | -411 | -411 | | N/A | | N | Marysville-[illegible]-Glenn County |
| 653 | Capital | Base | Y | 32614 | 31052018 | 84 | GT Gas Gathering Sys | 84B | GO-Station Related | 5001039-GSM DIVESTITURE GATH | MCD 13 V-61 REPLACEMENT | Estimation | 8/1/2014 | 4/1/2016 | 8/22/2016 | 8/10/2016 | N | Y | N | 402,057 | 871,691 | 871,691 | | N/A | | N | [illegible]-Stockton-San Joaquin County |
| 654 | Capital | Base | Y | 33044 | 31030006 | 84 | GT Gas Gathering Sys | 84D | Gas Gathering | 5700009-100-016_MPO-0.2410_RETIRE_PIPELINE | 100-016_MPO-0.2416_RETIRE_PIPELINE | Construction | 12/27/2012 | 8/1/2019 | 7/22/2019 | 6/28/2018 | N | Y | N | 60 | 1,067 | 272,312 | | N/A | | N | [illegible]-Valley-Glenn County |
| 655 | Capital | Base | Y | 13011 | P.27026 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-172A MP 40.07-49.81 ILI Mgmt Plan | Close-Out | 9/11/2002 | 1/1/2003 | 6/7/2004 | 6/7/2004 | N | N | N | 10,029 | 5,327,711 | 5,327,711 | | N/A | 2004 2005 2006 | N | Local Trans-north-[illegible]-Yolo County |
| 656 | Capital | Base | Y | 18813 | P.27023 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-114 MP 0.00-15.50 ILI [illegible] Mgmt Plan | Close-Out | 8/1/2004 | 3/1/2005 | 6/1/2005 | 6/1/2005 | N | N | N | 713 | 3,830,738 | 3,830,738 | | N/A | 2006 | N | Tracy-[illegible]-Contra Costa County |
| 657 | Capital | Base | Y | 18834 | P.22280 | 05 | GT Integrity Managem | 05D | Long Term Integrity | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | Long Term Int Mgmt work for HCA Pipelines | Close-Out | 8/1/2006 | 7/1/2008 | 12/13/2012 | 12/13/2012 | N | N | N | 73,860 | 5,410,943 | 5,410,943 | | N/A | 2009 2011 | N | Tracy-Alameda County |
| 658 | Capital | Base | Y | 17135 | 30001825 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-215 MP 0.00-20.05 ILI UPGRADE | Close-Out | 12/1/2005 | 12/1/2005 | 5/19/2008 | 5/19/2008 | N | N | N | 823 | 1,010,946 | 1,010,946 | | N | 2009 | N | Local Trans-north-Yosemite-Merced County |
| 659 | Capital | Base | Y | 17140 | 30002010 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-108 MP 14.00-30.80 ILI UPGRADE | Close-Out | 1/3/2007 | 7/1/2008 | 10/11/2011 | 10/11/2011 | N | N | N | 3,583 | 6,331,595 | 6,331,595 | | N/A | 2006, 2011 | N | Local Trans-north-Stockton-San Joaquin County |
| 660 | Capital | Base | Y | 17142 | 30002011 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-212B MP 1.00-25.00 ILI UPGRADE | Close-Out | 1/3/2007 | 7/1/2008 | 3/29/2010 | 3/29/2010 | N | N | N | 25,016 | 4,476,483 | 4,476,483 | | N/A | 2011 | N | Local Trans-north-[illegible]-Sacramento County |
| 661 | Capital | Base | Y | 17144 | 30002019 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-300A ILI MP1.33-19.47 PIPELINE UPGRADE | Close-Out | 12/1/2007 | 12/1/2007 | 8/9/2009 | 8/9/2009 | N | N | N | 312 | 6,700,296 | 6,700,296 | | N/A | 2008, 2011 | N | Local Trans-north-[illegible]-Humboldt County |
| 662 | Capital | Base | Y | 17146 | 30002020 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-67A MP 9.29-18.83 ILI UPGRADE | Close-Out | 7/1/2008 | 7/1/2008 | 12/17/2011 | 12/17/2011 | N | N | N | 530 | 3,494,643 | 3,494,643 | | N/A | 2008, 2011 | N | Tracy-[illegible]-San Joaquin County |
| 663 | Capital | Base | Y | 17148 | 30003012 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-150B-05 MP 0.00-6.40 ILI UPGRADE | Close-Out | 1/1/2009 | 1/1/2009 | 12/22/2011 | 12/22/2011 | N | N | N | 6,160 | 1,839,414 | 1,839,414 | | N/A | | N | [illegible]-Yuba County |
| 664 | Capital | Base | Y | 17149 | 30003015 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-300A MP256.21-258.01 ILI UPGRADE | Close-Out | 10/1/2009 | 10/1/2009 | 11/3/2011 | 11/23/2011 | N | N | N | 29,130 | 7,365,704 | 7,365,704 | | N | 2008, 2011 | N | Kettleman-Kern-Kern County |
| 665 | Capital | Base | Y | 17150 | 30003914 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-210C MP 10.49-32.11 ILI UPGRADE | Close-Out | 8/1/2011 | 8/1/2011 | 12/14/2012 | 12/14/2012 | N | N | N | 136,259 | 7,728,109 | 7,728,109 | | N/A | 2011 | N | Local Trans-north-North Bay-[illegible]-Solano Co |
| 666 | Capital | Base | Y | 17151 | 30003910 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-300B MP256.64-259.00 ILI UPGRADE | Close-Out | 11/1/2009 | 11/1/2009 | 11/1/2011 | 11/1/2011 | N | N | N | 22,387 | 7,256,615 | 7,256,615 | | N | 2011 | N | Kettleman-Kern-Kern County |
| 667 | Capital | Base | Y | 17893 | 30003951 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | LONG TERM INT MGMT 2012 | Engineering/Permitting | 1/1/2020 | 1/1/2020 | 1/1/2020 | 1/1/2020 | N | N | N | | | 1,300,000 | | N/A | 2011 | N | [illegible]-Contra Costa County |
| 668 | Capital | Base | Y | 17938 | 30070007 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | GT L-401 MP 319.2 INT ANOMALY CUT-OUT | Close-Out | 9/1/2007 | 9/1/2008 | 12/11/2008 | 12/11/2008 | N | N | N | 132 | 515,567 | 515,567 | | N | | N | Tracy-Stockton-San Joaquin County |
| 669 | Capital | Base | Y | 19030 | 30077982 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 3013R L-132 MP 0 TO 33.93 ILI UPGRADE | Close-Out | 1/27/2010 | 6/22/2012 | 7/8/2013 | 6/17/2014 | N | N | N | 125,733 | 27,008,744 | 27,008,744 | | Y | 2009 | N | Local Trans-south-De Anza-Santa Clara County |
| 670 | Capital | Base | Y | 13801 | P.35339 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 3043 L-109 MP 0.00-43.47 ILI Upgrade WBS | Close-Out | 1/27/2010 | 9/1/2010 | 8/21/2013 | 8/21/2013 | N | N | N | 163,712 | 3,713,675 | 3,713,675 | | N/A | 2011 | N | Mission-[illegible]-San Jose-Santa Clara County |
| 671 | Capital | Base | Y | 12697 | 30712005 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 3014B L-101 MP 0.0-11.80 ILI UPGRADE & | Close-Out | 12/21/2011 | 4/29/2013 | 8/27/2013 | 10/8/2013 | N | N | N | 41,848 | 14,504,714 | 14,504,714 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 672 | Capital | Base | Y | 13807 | P.02002 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-177A ILI Upgrade | Close-Out | 11/1/2008 | 11/1/2008 | 3/8/2010 | 3/8/2010 | N | N | N | 28,649 | 7,880,029 | 7,880,029 | | N/A | 2011 | N | Local Trans-north-North Coast-[illegible]-Humboldt Coun |
| 673 | Capital | Base | Y | 23639 | P.02029 | 05 | GT Integrity Managem | 05D | Long Term Integrity | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | LTIMP Capital overall scope | Close-Out | 11/1/2011 | 11/1/2011 | 12/17/2012 | 12/17/2012 | N | N | N | 1,087 | 583,494 | 583,494 | | N/A | | N | Tracy-[illegible]-San Joaquin County |
| 674 | Capital | Base | Y | 23220 | P.02038 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-105N ILI MP 7.75 to 22.65 Upgrade Proj | Close-Out | 12/1/2008 | 8/3/2013 | 4/18/2014 | 3/8/2012 | N | N | N | 12,413 | 13,038,993 | 13,277,908 | | N/A | 2008, 2011 | N | Local Trans-north-[illegible] County |
| 675 | Capital | Base | Y | 25744 | 30002214 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-131 MP42.39 CALAVERAS RD AND PIPE REPL | Close-Out | 12/1/2011 | 12/1/2011 | 12/31/2011 | 12/31/2011 | N | N | N | 614 | 670,455 | 670,455 | | N/A | | N | [illegible]-Alameda County |
| 676 | Capital | Base | Y | 25188 | 30008229 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-210A MP 19.5-25.9 ILI UPGRADE | Close-Out | 10/1/2012 | 8/28/2013 | 10/18/2013 | 9/9/2013 | N | N | N | 232 | 955,332 | 955,332 | | N | | N | Local Trans-north-Sacramento-Napa County |
| 677 | Capital | Base | Y | 28222 | 30001380 | 05 | GT Integrity Managem | 05B | ILI Upgrade Valves | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-132 NEALY STATION LAUNCHER | Construction | 2/21/2012 | 4/2/2016 | 8/19/2016 | 4/5/2016 | N | Y | N | 10,180 | 421,130 | 3,421,577 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 678 | Capital | Base | Y | 25716 | 30013605 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-316 MP 64.55-65.55 ILI UPGRADE | Close-Out | 6/1/2012 | 6/1/2012 | 12/17/2013 | 12/17/2013 | N | N | N | 44,225 | 831,814 | 831,814 | | N/A | | N | Local Trans-north-North Coast-[illegible] |
| 679 | Capital | Base | Y | 27480 | 30023606 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | DCUS/TF278 MP 0.00 TO 0.03 (REPLACEMENT) | Close-Out | 6/1/2012 | 6/1/2012 | 11/27/2012 | 11/27/2012 | N | N | N | 4,654 | 483,106 | 435,106 | | Y | | N | [illegible]-San Jose-Santa Clara County |
| 680 | Capital | Base | Y | 27487 | 30022744 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-67B MP 0.0180-0.0194 REPLACEMENT | Close-Out | 5/22/2012 | 6/1/2013 | 5/29/2013 | 6/11/2013 | N | N | N | 12,540 | 1,279,634 | 1,279,634 | | N/A | | N | [illegible]-San Joaquin County |
| 681 | Capital | Base | Y | 28022 | 30048583 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-153 TIM-023-12 MP 23.11 TO MP 27.86 | Close-Out | 9/1/2012 | 9/1/2012 | 12/13/2012 | 12/13/2012 | N | N | N | 3,769 | 1,080,978 | 1,080,978 | | Y | | N | Tracy-East Bay-south-Alameda County |
| 682 | Capital | Base | Y | 28229 | 30052160 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 2013 PORTABLE ILI EQUIPMENT | Close-Out | 10/1/2012 | 12/1/2012 | 6/3/2016 | 6/3/2016 | N | N | Y | 15,202 | 585,859 | 585,859 | | N/A | | N | [illegible]-Marin County |
| 683 | Capital | Base | Y | 28224 | 30003799 | 05 | GT Integrity Managem | 05B | ILI Upgrade Valves | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-114 PIG LAUNCHER/RECEIVER AT DALTON | Close-Out | 10/12/2012 | 7/14/2014 | 12/19/2014 | 11/28/2014 | N | N | N | 374,430 | 4,853,572 | 4,853,572 | | N | | N | Tracy-San Joaquin County |
| 684 | Capital | Base | Y | 29007 | 30006257 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | GT 97 L177A MP 64.81-65.05 REPLACE PIPE | Close-Out | 12/14/2012 | 7/14/2014 | 11/7/2014 | 6/25/2014 | N | N | N | 71,880 | 5,784,770 | 5,784,770 | | N/A | | N | Local Trans-north-[illegible]-Valley-Butte County |
| 685 | Capital | Base | Y | 29069 | 30008125 | 05 | GT Integrity Managem | 05D | Long Term Integrity | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-2130 CASING REPLACEMENT MP 14.30 | Close-Out | 6/18/2013 | 4/29/2014 | 7/3/2014 | 6/25/2014 | N | N | N | -4,037 | 2,336,222 | 2,336,222 | | N/A | | N | Local Trans-north-[illegible]-Sacramento County |
| 686 | Capital | Base | Y | 30085 | P.07252 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-153 ILI Upgrade WBS | Construction | 11/1/2012 | 11/1/2012 | 6/8/2014 | 6/8/2014 | N | N | N | 5,075,715 | 37,374,230 | 38,974,230 | | N/A | | N | Local Trans-north-East Bay-[illegible]-Alameda County |
| 687 | Capital | Base | Y | 31055 | 31037602 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 3065 L-114 MP 25.88-34.08 ILI UPGRADE | Construction | 9/1/2014 | 6/18/2016 | 8/28/2016 | 7/8/2017 | N | Y | N | 925,700 | 1,147,751 | 1,207,751 | | Y | | N | Local Trans-north-Diablo-San Joaquin County |
| 688 | Capital | Base | Y | 31062 | P.09119 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | DFM-0917-08 MP 11.01-13.01 ILI UPGRADE WBS | Construction | 3/1/2014 | 8/31/2016 | 10/10/2016 | 9/24/2015 | N | Y | N | 125,259 | 104,614 | 254,614 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 689 | Capital | Base | Y | 31079 | 31021918 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-21H ILI UPGRADE MP 0.00-1.02 | Construction | 5/1/2013 | 3/17/2015 | 8/27/2015 | 6/18/2015 | N | Y | N | 604,563 | 729,239 | 729,239 | | N/A | | N | Local Trans-north-North Bay-San Rafael-Solano Coun |
| 690 | Capital | Base | Y | 31419 | 31011320 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-47C MP 0.00-0.41 ILI UPGRADE PROJECT | Construction | 12/1/2013 | 8/18/2015 | 8/16/2015 | 7/11/2016 | N | Y | N | 70,125 | 1,398,808 | 1,466,308 | | N | | N | [illegible]-Stockton-San Joaquin County |
| 691 | Capital | Base | Y | 31703 | 31018815 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-109N ILI UPGRADE MP 32.6-33.68 | Construction | 8/1/2013 | 8/1/2013 | 12/23/2015 | 12/28/2015 | N | Y | N | 19,528 | 923,853 | 6,240,382 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 692 | Capital | Base | Y | 34256 | P.09078 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | DFM-1202-16/L-135C ILI UPGRADE WBS | Construction | 9/12/2014 | 8/26/2015 | 12/8/2015 | 8/28/2015 | N | Y | N | 3,397,703 | 2,857,688 | 2,857,688 | | N/A | | N | Local Trans-south-Fresno-Pacific County |
| 693 | Capital | Base | Y | 34259 | P.09119 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | DFM-0917-08 MP 11.01-13.01 ILI UPGRADE WBS | Construction | 10/27/2014 | 8/1/2015 | 10/9/2015 | 8/24/2015 | N | Y | N | 674,818 | 712,860 | 772,860 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 694 | Capital | Base | Y | 34323 | P.09100 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-216 MP 0.00-20.05 ILI UPGRADE WBS | Construction | 1/7/2014 | 8/17/2016 | 10/29/2015 | 10/10/2015 | N | Y | N | 702,050 | 1,231,004 | 1,251,004 | | N | | N | Local Trans-south-Yosemite-[illegible] County |
| 695 | Capital | Base | Y | 34324 | P.09101 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | DFM-0125-01 MP 0.00-1.84 ILI UPGRADE WBS | Construction | 3/5/2014 | 11/10/2015 | 3/7/2016 | 2/10/2016 | N | Y | N | 305,391 | 373,704 | 447,070 | | N/A | | N | Local Trans-north-East Bay-north-Contra Costa Coun |
| 696 | Capital | Base | Y | 34325 | P.09102 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-132A MP 0.00-1.49 ILI UPGRADE WBS | Construction | 4/2/2014 | 1/30/2015 | 6/29/2015 | 8/21/2015 | N | Y | N | 2,200,081 | 2,888,140 | 2,898,140 | | Y | | N | Local Trans-south-De Anza-Santa Clara County |
| 697 | Capital | Base | Y | 34326 | P.09103 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-138 MP 45.58-48.43 ILI UPGRADE WBS | Construction | 3/4/2014 | 9/27/2015 | 6/22/2015 | 7/10/2015 | N | Y | N | 2,457,748 | 2,488,805 | 2,429,885 | | Y | | N | Local Trans-south-Fresno-Fresno County |
| 698 | Capital | Base | Y | 34327 | P.09104 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-109 MP 9.69-15.46 ILI UPGRADE WBS | Construction | 7/29/2014 | 8/12/2015 | 8/28/2015 | 7/28/2015 | N | Y | N | 1,386,228 | 2,300,085 | 2,304,885 | | Y | | N | Local Trans-north-Sacramento-Yolo County |
| 699 | Capital | Base | Y | 34328 | P.09105 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-108 MP 61.75-74.93 ILI UPGRADE WBS | Construction | 7/1/2014 | 8/17/2015 | 12/3/2015 | 11/14/2015 | N | Y | N | 1,428,278 | 1,768,080 | 1,768,080 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 700 | Capital | Base | Y | 34355 | P.09106 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | SP-07-L-191 MP 0.00-5.70 ILI UPGRADE WBS | Construction | 11/13/2014 | 6/10/2015 | 10/30/2015 | 10/6/2015 | N | Y | N | 372,600 | 482,200 | 482,200 | | Y | | N | Los Medanos-East Bay-north-Contra Costa County |
| 701 | Capital | Base | Y | 34356 | P.09107 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-107 MP 25.87-33.12 ILI UPGRADE WBS | Construction | 4/10/2014 | 7/1/2015 | 12/18/2015 | 11/23/2015 | N | Y | N | 2,225,779 | 2,612,843 | 2,612,843 | | Y | | N | Local Trans-north-Mission-Santa Clara County |
| 702 | Capital | Base | Y | 34357 | P.09108 | 05 | GT Integrity Managem | 05C | ILI Upgrade Pipeline | 5005870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-402 MP 0.00-28.60 ILI UPGRADE WBS | Construction | 12/5/2013 | 4/9/2015 | 8/9/2014 | 7/13/2015 | N | Y | N | 160,848 | 358,922 | 13,358,922 | | N | | N | Local Trans-north-[illegible]-Valley-Shasta County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSES (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank?) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case work papers (Case Year or Blank?) | Government Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 703 | Capital | Base | Y | 34495 | P.28108 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5526879-PIPELINE INTEGRITY MANAGEMENT PROGRAM | FOLSOM 16-IN DFM ILI UPGRADE WBS | Construction | 10/9/2014 | 6/17/2015 | 10/31/2016 | 10/16/2016 | N | Y | N | 727,528 | 1,051,539 | 1,291,589 | | N/A | | N | Local Trans-north-Sacramento-Sacramento County |
| 704 | Capital | Base | Y | 35201 | 31104501 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5526879-PIPELINE INTEGRITY MANAGEMENT PROGRAM | GT RT-116 L-21E MP 73.58 ILI DIG 4 ESPL | Close-Out | 9/17/2014 | 2/9/2015 | 4/8/2015 | 3/18/2016 | N | N | Y | 600,507 | 1,155,432 | 1,157,932 | | N/A | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 705 | Capital | Base | Y | 35550 | P.28798 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5526879-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-101 Mp 11.82-32.57 ILI Upgrade WBS | Construction | 12/21/2011 | 12/17/2013 | 8/15/2014 | 4/24/2014 | N | N | N | 120,953 | 15,135,359 | 15,138,634 | | N/A | | N | Local Trans-south-Peninsula-San Mateo County |
| 706 | Capital | Base | Y | 37152 | P.65208 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5526879-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 1043 L-109 MP 0.00-43.47 ILI Upgrade WBSs | Close-Out | 3/9/2013 | 3/10/2015 | 8/12/2016 | 4/22/2016 | N | N | Y | 880,517 | 880,517 | 880,517 | | N/A | | N | Local Trans-south-De Anza-Santa Clara County |
| 707 | Capital | Base | Y | 37153 | P.65308 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5526879-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 1043 L-109 MP 0.00-43.47 ILI Upgrade WBSs | Close-Out | 3/5/2013 | 2/11/2015 | 6/8/2015 | 4/20/2016 | N | N | Y | 4,309,558 | 4,309,558 | 4,309,558 | | N/A | | N | Local Trans-south-San Jose-Santa Clara County |
| 708 | Capital | Base | N | 954508 | 7079765 | 2J | GT&D Impl Regulatory | 2J1 | CPUC | 5748059-7079459-MARINER_NEXT GENERATION LINEAR R | GAS STATION SECURITY ENHANCEMENT - CAP IT | Engineering/Permitting | 6/1/2012 | 6/1/2012 | 2/28/2013 | 2/28/2013 | N | N | N | 683 | 4,945,958 | 4,945,958 | | | | Y | Systemwide-Systemwide-San Francisco County |
| 709 | Capital | Base | N | 27319 | 30324135 | 3K | Gas Trans Remediate | 3K8 | Cathodic Protection | 5763554-TOPOCK L-300B MP 1 RECTIFIER/ANODE | TOPOCK L-300B MP 1 RECTIFIER/ANODE | Close-Out | 5/14/2012 | 2/11/2014 | 8/8/2014 | 8/22/2014 | N | N | N | 9,058 | 254,558 | 254,558 | | N | | N | Topock-San Bernardino County |
| 710 | Capital | Base | N | 34488 | 31032080 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763418-CASING REMEDIATION 0808-01 MP 2.46 | CASING REMEDIATION 0808-01 MP 2.46 | Close-Out | 6/1/2014 | 1/30/2015 | 4/9/2015 | 3/27/2015 | N | N | Y | 855,863 | 869,771 | 869,771 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 711 | Capital | Base | N | 35018 | 31105983 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763263-153_MP0.00-27.65 | L 153_MP 13.31 CASING REMOVAL | Close-Out | 9/3/2014 | 1/30/2015 | 3/29/2016 | 2/20/2015 | N | N | Y | 474,572 | 475,748 | 475,748 | | | | N | Local Trans-north-Mission-Alameda County |
| 712 | Capital | Base | N | 35535 | 31111361 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5748059-7079459-MARINER_NEXT GENERATION LINEAR R | DFM 0611-16 MP 0.06 CASING REMOVAL | Close-Out | 10/1/2014 | 10/1/2014 | 6/17/2015 | 6/17/2015 | N | N | Y | 306,307 | 307,416 | 307,416 | | | | N | Local Trans-north-Sacramento-Sacramento County |
| 713 | Capital | Base | N | 35342 | 31111384 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5748059-7079459-MARINER_NEXT GENERATION LINEAR R | LINE 105N MP 22.75 CASING REMEDIATION | Close-Out | 10/1/2014 | 12/1/2014 | 5/22/2015 | 5/22/2015 | N | N | Y | 609,345 | 634,607 | 634,607 | | N | | N | Local Trans-north-Mission-Alameda County |
| 714 | Capital | Base | N | 30473 | 31111580 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763650-LINE X0450 MP 18.07 | LINE X0450 MP 18.07 CASING REMOVAL | Construction | 9/2/2014 | 4/28/2015 | 8/31/2015 | 8/18/2015 | N | Y | N | 1,197,363 | 1,202,729 | 1,202,729 | | | | N | Local Trans-north-Mission-Alameda County |
| 715 | Capital | Base | N | 30414 | 31111591 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763224-LINE 153 MP 13.04 | LINE 153 MP 13.04 CASING REMOVAL | Construction | 12/1/2014 | 12/1/2014 | 8/19/2015 | 8/19/2015 | N | Y | N | 413,410 | 417,698 | 3,073,497 | | | | N | Local Trans-north-Mission-Alameda County |
| 716 | Capital | Base | N | 30419 | 31111592 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763490-LINE 132M MP 9.04 | LINE 132M MP 9.04 CASING REMEDIATION | Construction | 12/2/2014 | 6/1/2015 | 6/30/2016 | 7/30/2016 | N | Y | N | 312,313 | 313,460 | 313,460 | | | | N | Local Trans-north-Mission-Alameda County |
| 717 | Capital | Base | N | 30471 | 31112030 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763540-LINE 301G MP 12.02 | LINE 301G MP 12.02 CASING REMEDIATION | Construction | 10/21/2014 | 10/10/2015 | 11/29/2016 | 10/28/2015 | N | N | N | 18,910 | 18,910 | 438,702 | | | | N | Local Trans-south-Central Coast-San Benito County |
| 718 | Capital | Base | N | 30904 | 31113514 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763532-LINE 177A MP 165.56 | LINE 177A MP 165.56 CASING REMOVAL | Construction | 12/9/2014 | 6/1/2016 | 7/15/2016 | 6/15/2016 | N | Y | N | 20,629 | 20,958 | 488,009 | | N | | N | Local Trans-north-North Coast-eureka-Trinity Count |
| 719 | Capital | Base | N | 36013 | 31113723 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763615-LINE 1303-02 MP 0 | R-672 DFM-1303-02 MP 0-.02 REPLACE (RT) | Construction | 9/16/2015 | 12/9/2015 | 10/1/2016 | 1/7/2016 | Y | N | N | 16,022 | 16,022 | 358,111 | | N | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 720 | Capital | Base | N | 37698 | 31123019 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763478-LINE 0817-08 MP 0.75 | LINE 0817-08 MP 0.75 CASING REMEDIATION | Construction | 6/9/2014 | 2/25/2015 | 7/31/2015 | 7/31/2015 | N | Y | N | 505,611 | 595,043 | 595,043 | | | | N | Local Trans-north-Sacramento-Sacramento County |
| 721 | Capital | Base | N | 37151 | 31127592 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763426-CD-08A - L-105N MP 33.28 CASING REMOVAL | L-105N MP 33.28 CASING REMOVAL | Close-Out | 1/1/2015 | 1/1/2015 | 6/25/2015 | 6/25/2015 | Y | N | Y | 1,890,625 | 1,890,628 | 1,890,628 | | | | N | Local Trans-north-East Bay-north-Alameda County |
| 722 | Capital | Base | N | 37189 | 31128225 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763509-LINE 1203-14 MP 0.02 | LINE 1203-14 MP 0.02 CASING REMOVAL | Close-Out | 9/3/2014 | 2/17/2016 | 4/14/2016 | 2/20/2016 | N | N | Y | 339,629 | 339,629 | 339,629 | | N | | N | Local Trans-south-Fresno-Fresno County |
| 723 | Capital | Base | N | 37442 | 31132725 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763533-LINE 3015-01 MP 0.94 | LINE 3015-01 MP 0.94 CASING REMOVAL | Close-Out | 9/3/2014 | 3/23/2016 | 7/2/2016 | 6/29/2016 | N | N | N | 763,949 | 763,949 | 763,949 | | | | N | Local Trans-north-Diablo-Contra Costa County |
| 724 | Capital | Base | N | 38033 | 31138005 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5763761-LINE DREG4004 MP 0.0109 CASING REMOVAL | LINE DREG4004 MP 0.0109 CASING REMOVAL | Close-Out | 3/9/2015 | 4/29/2015 | 4/24/2015 | 8/29/2016 | Y | N | Y | 816,918 | 816,918 | 816,918 | | | | N | Local Trans-north-Sacramento-Sacramento County |
| 725 | Capital | Base | N | 38347 | 31142910 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5816140-LINE 1815-02 MP 17.71 CASING | LINE 1815-02 MP 17.71 CASING | Construction | 2/9/2016 | 4/5/2016 | 5/18/2016 | 4/19/2016 | Y | N | N | 3,789 | 5,780 | 302,409 | | Y | | N | Local Trans-south-Central Coast-Monterey County |
| 726 | Capital | Base | N | 38534 | 31145291 | 3K | Gas Trans Remediate | 3K5 | Casing Mitigation | 5748059-7079459-MARINER_NEXT GENERATION LINEAR R | L-203 MP 18.19 CASING REMOVAL | Construction | 4/1/2016 | 5/15/2016 | 7/17/2016 | 7/10/2015 | Y | N | N | 302,112 | 302,112 | 302,112 | | | | N | Local Trans-north-Sierra-Nevada County |
| 727 | Capital | Base | N | 18027 | 6703149 | 44 | Gas Capital GasTrans | 44A | Elev-Pre Capital | 5800721-CDT. DSS. STAMPAC CAPITAL | SPS FAULT CROSSING AT MP 179.5 | Construction | 3/1/2015 | 3/1/2016 | 6/26/2016 | 6/26/2016 | Y | N | N | 30,631 | 30,631 | 30,631 | | | | N | Local Trans-north-Diablo-Contra Costa County |
| 728 | Capital | Base | N | 37148 | 31143013 | 73 | GT Pipeline Capacity | 73A | Capacity and MOP | 5784155-DFM0507-01 MP 0.00-5.05 CAPITAL | R-694 DFM-0507-01 MP 0.0-5.07 CAPITAL UP | Construction | 9/12/2014 | 5/29/2015 | 9/30/2015 | 9/3/2015 | N | N | N | 659,342 | 659,342 | 940,057 | | N | | N | Local Trans-south-De Anza-Santa Clara County |
| 729 | Capital | Base | N | 600501 | 30020501 | 73 | GT Pipeline Capacity | 73A | Capacity and MOP | 5801538-CAPACITY ENGR PERM AND PROCURE 13 | *CANC*FUTURE WORK-73A-6725038-ADDR L407 | Engineering/Permitting | 9/3/2013 | / / | 9/3/2013 | 9/3/2013 | N | N | N | | | | | | 2008, 2011 | N | Systemwide-Systemwide-Yuba County |
| 730 | Capital | Base | N | 20786 | 30712770 | 75 | GT Pipeline Reliabil | 75E | Vintage pipe | 5501087-GSM PIPELINE RELIABILITY/SAFETY | L-109 MP 45.00-49.19 REPLACE 24" PIPE | Construction | 1/1/2015 | 8/1/2015 | 12/16/2019 | 10/16/2019 | Y | N | N | 66,940 | 66,946 | 31,859,422 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 731 | Capital | Base | N | 29757 | blank | 75 | GT Pipeline Reliabil | 75N | Capital Strength Tes | 5810459-GSM. CORROSION ENGINEERING | McD bl Install DHSV in 2 OLD Wells | Engineering/Permitting | 3/17/2015 | 7/1/2015 | 12/16/2019 | 12/15/2019 | Y | N | N | | | 3,050,000 | | | | N | Mcdonald Island-Diablo |
| 732 | Capital | Base | N | 23124 | 31089859 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501589-GSM REG STATIONS | IRVINGTON MERCURY CLEAN-UP SENSING LINES | Construction | 8/16/2013 | 2/18/2016 | 4/25/2019 | 3/31/2019 | N | N | N | 105,822 | 105,882 | 370,822 | | | | N | Milpitas/Irvington-Central Coast-Alameda County |
| 733 | Capital | Base | N | 23941 | 30374892 | 75 | GT Pipeline Reliabil | 75D | Valves | 5781944-30374892 - L123 REPLACE MLV 1.65 | L123 REPLACE MLV 1.65 | Close-Out | 3/12/2013 | 3/1/2013 | 6/7/2015 | 6/7/2015 | N | N | Y | 877 | 17,615 | 363,335 | | N | | N | Meridian-North Valley-Sutter County |
| 734 | Capital | Base | N | 29465 | 30256054 | 75 | GT Pipeline Reliabil | 75Q | General Reliability | 5810459-GSM. CORROSION ENGINEERING | DCUST1416 RETIRE 60FT OF 2" PIPE | Construction | 10/1/2012 | 10/1/2012 | 7/23/2016 | 7/23/2015 | N | Y | N | 760 | 20,009 | 250,009 | | | | N | Local Trans-north-North Coast-eureka-Humboldt Coun |
| 735 | Capital | Base | N | 29829 | 30976856 | 75 | GT Pipeline Reliabil | 75D | Valves | 5751267-30976856 - L1305-01 MP1.43 STUB0131 REMO | L1305-01 MP1.43 STUB0131 REMOVAL | Construction | 3/1/2013 | 2/1/2013 | 5/18/2016 | 6/18/2016 | N | Y | N | 69 | 2,279 | 402,279 | | N | | N | Local Trans-north-North Coast-eureka-Sonoma County |
| 736 | Capital | Base | N | 29807 | 31016802 | 75 | GT Pipeline Reliabil | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | GCUST0619 MP 1.08 REMOVE V-60-HAAB | Construction | 7/8/2016 | 1/20/2016 | 2/27/2016 | 2/22/2016 | N | Y | N | 1,149 | 4,081 | 424,847 | | | | N | Local Trans-south-De Anza-Santa Clara County |
| 737 | Capital | Base | N | 30221 | 31017174 | 75 | GT Pipeline Reliabil | 75D | Valves | 5769780-1327-01 MP1.84 VALVE REPLACEMENT DR122 | 1327-01 MP1.84 VALVE REPLACEMENT DR122 | Close-Out | 6/23/2015 | 4/29/2015 | 4/29/2016 | 6/22/2015 | Y | N | Y | 5,659 | 7,409 | 292,803 | | N | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 738 | Capital | Base | N | 30282 | 31154272 | 75 | GT Pipeline Reliabil | 75C | Regulator Stations | 5501589-GSM REG STATIONS | BUCKEYE CREEK STATION UPGRADE | Construction | 6/1/2016 | 6/1/2016 | 12/29/2016 | 12/29/2016 | Y | N | N | 120 | 120 | 7,650,120 | | | | N | Willows-Yolo County |
| 739 | Capital | Base | N | 30291 | 31017892 | 75 | GT Pipeline Reliabil | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 2403-12 MP-0.00 INSTALL BLOW-DOWNS | Construction | 3/1/2014 | 3/1/2014 | 4/21/2016 | 4/21/2016 | N | Y | N | 413 | 10,739 | 395,615 | | | | N | Local Trans-north-Mission-Alameda County |
| 740 | Capital | Base | N | 30780 | blank | 75 | GT Pipeline Reliabil | 75N | Capital Strength Tes | 5810459-GSM. CORROSION ENGINEERING | 131 MP 60.66 Replace V-72, V-77 | Engineering/Permitting | 1/12/2016 | 7/1/2016 | 12/31/2016 | 12/31/2016 | Y | N | N | | | 1,500,000 | | | | N | Milpitas-Milpitas-Mission |
| 741 | Capital | Base | N | 30784 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | FAULT CROSSING MITIGATION PROGRAM | Engineering/Permitting | 7/24/2014 | 7/1/2016 | 12/31/2017 | 12/31/2017 | N | N | N | | | 10,650,000 | | | | N | Systemwide-Systemwide |
| 742 | Capital | Base | N | 30815 | 31099948 | 75 | GT Pipeline Reliabil | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 0408-01_23.85_REPLACE VALVE CLUSTER | Construction | 10/1/2014 | 10/1/2014 | 5/27/2016 | 5/27/2016 | N | Y | N | 10,935 | 32,775 | 429,422 | | | | N | Local Trans-north-North Bay-Napa Coun |
| 743 | Capital | Base | N | 30962 | 31152850 | 75 | GT Pipeline Reliabil | 75K | Water and Land | 5810459-GSM. CORROSION ENGINEERING | L131 MP7.38-8.12 REM/PIPE SANJOAQUINRVR | Construction | 6/1/2016 | 6/1/2015 | 6/30/2017 | 6/30/2017 | Y | N | N | 531 | 531 | 643,531 | | N | | N | Rio Vista-Sacramento-Contra Costa County |
| 744 | Capital | Base | N | 31165 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | PL Replacement Class Location-Capital | Engineering/Permitting | 5/25/2013 | 7/1/2015 | 1/1/2016 | 1/1/2016 | N | N | N | | | 31,955,000 | | | | N | Systemwide-Systemwide |
| 745 | Capital | Base | N | 31324 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | L-300 Shallow Pipe Replacement | Engineering/Permitting | 5/12/2016 | 7/1/2016 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 746 | Capital | Base | N | 31329 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | L-300N Shallow Pipe Replacement | Engineering/Permitting | 9/12/2015 | 7/1/2016 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 747 | Capital | Base | N | 31331 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | LT Northern Shallow Pipe Replacement | Engineering/Permitting | 5/12/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 748 | Capital | Base | N | 31332 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | LT Cent Valley Shallow Pipe Replacement | Engineering/Permitting | 9/12/2015 | 7/1/2016 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 749 | Capital | Base | N | 31333 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | LT Bay Area Shallow Pipe Replacement | Engineering/Permitting | 5/12/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 750 | Capital | Base | N | 31334 | blank | 75 | GT Pipeline Reliabil | 75F | Pipeline Emergency R | 5501587-GSM PIPELINE RELIABILITY/SAFETY | LT Cent Coast Shallow Pipe Replacement | Engineering/Permitting | 5/12/2016 | 7/1/2016 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | | | N | Systemwide-Systemwide |
| 751 | Capital | Base | N | 31622 | 31074580 | 75 | GT Pipeline Reliabil | 75L | Valve Automation | 5754458-VALVE AUTO-L100, MP23.55 CAL ST | VALVE AUTO - L100 MP 23.55 CAL ST PH2 | Construction | 8/28/2016 | 5/16/2016 | 7/29/2016 | 7/11/2016 | Y | Y | N | 7,373 | 10,933 | 456,453 | | Y | | N | Local Trans-south-Central Coast-Santa Clara County |
| 752 | Capital | Base | N | 31040 | 31075482 | 75 | GT Pipeline Reliabil | 75L | Valve Automation | 5754448-VALVE AUTO-FLOW METERS-2015 | VALVE AUTO - FLOW METERS PH2 | Construction | 5/1/2014 | 5/1/2014 | 11/30/2015 | 11/30/2015 | N | Y | N | 72 | 254 | 264 | | | | N | Systemwide-Systemwide-San Luis Obispo County |
| 753 | Capital | Base | N | 31041 | 31137003 | 75 | GT Pipeline Reliabil | 75L | Valve Automation | 5754520-VALVE AUTO-L118G, MP63.71 | VALVE AUTO - L118G MP 0.00 PH2 | Construction | 12/19/2013 | 3/1/2015 | 6/30/2016 | 6/30/2016 | N | N | N | 2,644 | 2,644 | 1,020,634 | | | | N | Local Trans-south-Yosemite-Merced County |
| 754 | Capital | Base | N | 31042 | 31137007 | 75 | GT Pipeline Reliabil | 75L | Valve Automation | 5754521-VALVE AUTO-L118G, MP6.27 | VALVE AUTO - L118G MP 6.27 PH2 | Construction | 12/19/2013 | 3/1/2016 | 6/30/2016 | 6/30/2016 | N | N | N | 2,640 | 2,640 | 1,387,272 | | | | N | Local Trans-south-Yosemite-Merced County |
| 755 | Capital | Base | N | 31043 | blank | 75 | GT Pipeline Reliabil | 75N | Capital Strength Tes | 5810459-GSM. CORROSION ENGINEERING | VALVE AUTO- DFM1815-06 MP 7.20 RIPON PH2 | Engineering/Permitting | 9/8/2015 | 7/1/2016 | 6/30/2016 | 6/30/2016 | N | N | N | | | 1,881,259 | | | | N | Local Trans-south-Yosemite |
| 756 | Capital | Base | N | 31044 | 31191103 | 75 | GT Pipeline Reliabil | 75L | Valve Automation | 5754440-VALVE AUTO-HOLLISTER | VALVE AUTO - HOLLISTER PH2 | Construction | 9/24/2015 | 3/22/2016 | 6/11/2016 | 6/12/2016 | Y | N | N | 189 | 189 | 160,181 | | | | N | Local Trans-south-Central Coast-Santa Clara County |

TABLE 9-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| Line # (A) | Capital/ Expense (B) | PSEP/ Base (C) | Project Listed in Previous CPUC Safety Reports (Y/N) (D) | PSRS ID # (E) | Order # / Planning Order # (F) | MWC (G) | MWC Description (H) | MAT (I) | MAT Description (J) | Planning Order Group (K) | Project Name or Work Category (L) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 757 | Capital | Base | N | 31045 | 31137958 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754542-VALVE AUTO-L300B, MP470.355 | VALVE AUTO - L300B MP 470.355 PH2 |
| 758 | Capital | Base | N | 31046 | 31137959 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754534-VALVE AUTO-L300A, MP452.19A | VALVE AUTO - L300A MP 452.19A PH2 |
| 759 | Capital | Base | N | 31047 | 31138859 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754536-VALVE AUTO-L300A, MP453.19A | VALVE AUTO - L300A MP 453.19A PH2 |
| 760 | Capital | Base | N | 31049 | 31137118 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754537-VALVE AUTO-L300A, MP440.32A | VALVE AUTO - L300A MP 440.32A PH2 |
| 761 | Capital | Base | N | 31050 | 31137117 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754584-VALVE AUTO-ROSEVILLE RD REG | VALVE AUTO - ROSEVILLE RD REG PH2 |
| 762 | Capital | Base | N | 31051 | 31101124 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754533-VALVE AUTO-L175, MP 5.49 ROCKLIN | VALVE AUTO - L175 MP 5.49 ROCKLIN PH2 |
| 763 | Capital | Base | N | 31052 | 31137082 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754523-VALVE AUTO-L123,MP8.50 & L173,MP8.0 | VALVE AUTO - L123 MP8.50 & L173 MP8.0 PH2 |
| 764 | Capital | Base | N | 31062 | 31101881 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754447-VALVE AUTO-FLOW METERS-2016 | VALVE AUTO - FLOW METERS PH2 |
| 765 | Capital | Base | N | 31064 | 31101882 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754450-VALVE AUTO-L021A, MP16.16 | V-245 - L021A MP 16.16 STANLY LN PH2 |
| 766 | Capital | Base | N | 31065 | 31137085 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754524-VALVE AUTO-L124, MP6.16 | VALVE AUTO - L124A MP 6.16 PH2 |
| 767 | Capital | Base | N | 31066 | 31137080 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754525-VALVE AUTO-L124A, MP10.05 | VALVE AUTO - L124A MP 10.05 PH2 |
| 768 | Capital | Base | N | 31067 | 31137087 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754526-VALVE AUTO-L124A, MP15.39 | VALVE AUTO - L124A MP 15.39 PH2 |
| 769 | Capital | Base | N | 31068 | 31137003 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754527-VALVE AUTO-L124A, MP20.64 | VALVE AUTO - L124A MP 20.64 PH2 |
| 770 | Capital | Base | N | 31069 | 31137320 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754551-VALVE AUTO-LINCOLN JUNCTION | VALVE AUTO - LINCOLN JUNCTION PH2 |
| 771 | Capital | Base | N | 31071 | 31137421 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754550-VALVE AUTO-STONE DRIVE | VALVE AUTO - STONE DRIVE PH2 |
| 772 | Capital | Base | N | 31072 | 31137422 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754557-VALVE AUTO-SAN RAFAEL METER & REG | VALVE AUTO - SAN RAFAEL METER & REG PH2 |
| 773 | Capital | Base | N | 31075 | 31137423 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754519-VALVE AUTO-L110, MP9.50 | VALVE AUTO - L110 MP 9.50 PH2 |
| 774 | Capital | Base | N | 31076 | 31137424 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754520-VALVE AUTO-NAPA Y | VALVE AUTO - NAPA Y PH2 |
| 775 | Capital | Base | N | 31079 | 31137425 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754531-VALVE AUTO-L1975-01, MP4.17 | VALVE AUTO - DFM-1975-01 MP 4.17 PH2 |
| 776 | Capital | Base | N | 31081 | 31137050 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5754555-VALVE AUTO-YUBA CITY HOLDER | VALVE AUTO - YUBA CITY HOLDER PH2 |
| 777 | Capital | Base | N | 31710 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | DFM 0205-01 MP 0.80-1.00 Repl 5000 FT |
| 778 | Capital | Base | N | 31917 | 31020005 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | DFM 0407-01 PINE ST, REG STATION PHASE 2 |
| 779 | Capital | Base | N | 33116 | blank | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L153 MP-01.26 Replace 6-in Valve E78 |
| 780 | Capital | Base | N | 33117 | blank | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L153 MP-03.58 Replace 4-in Valve X58 |
| 781 | Capital | Base | N | 33253 | blank | 75 | GT Pipeline Rebuild | 75N | Capital Strength Test | 5510459-GSM, CORROSION ENGINEERING | McDonald Island CIL Install New Odorizer |
| 782 | Capital | Base | N | 33294 | 31088883 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | SHINGLETOWN PLS ACT & CONTROLS UPGRADE |
| 783 | Capital | Base | N | 33303 | 31100207 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | -273 L402_MP 32.80_REPL VALV DREES-058 |
| 784 | Capital | Base | N | 33374 | 31000004 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | VACAVILLE REG STATION (R-55) REBUILD |
| 785 | Capital | Base | N | 33382 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | L-576 Retire |
| 786 | Capital | Base | N | 33404 | 31152855 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 0807-01 MP 1.51 V-14-CZU SEAT LEAK REMVE |
| 787 | Capital | Base | N | 33435 | blank | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | Milpitas LA3SNAS Scrubbers Modification |
| 788 | Capital | Base | N | 33420 | blank | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | Milpitas Sheenan Compressor Removal |
| 789 | Capital | Base | N | 33455 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | L-109 MP 11.80-11.82 REPLACE 150 FT 24" |
| 790 | Capital | Base | N | 33531 | 31088979 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | LODI GAS SKERM ISL REPLACE PLC |
| 791 | Capital | Base | N | 34113 | 31100139 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L-1217-01 MP5.27 REPLACE VALVE Z-06 |
| 792 | Capital | Base | N | 34116 | 31059524 | 75 | GT Pipeline Rebuild | 75D | Valves | 5755541-31058524-L-314 MP 8.79 REMOVE VALVE V-8 | L-314 MP 8.79 REMOVE VALVE V-8.79 |
| 793 | Capital | Base | N | 34139 | 31056806 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | GCU STS615 V-3 REPLACE |
| 794 | Capital | Base | N | 34180 | 31157406 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | DFM 0200-05 MP0.01 V-307 LK RPR INTERNAL |
| 795 | Capital | Base | N | 34183 | 31059130 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 0405-02 DECOMM/REMOVE V-10 & V-11 |
| 796 | Capital | Base | N | 34205 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | L807-01_8.67-8.69_Remove Homemade Tees |
| 797 | Capital | Base | N | 34420 | 31000042 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | V-372 VALVE REMOVE DFM-0504-08 MP0.46 |
| 798 | Capital | Base | N | 34459 | 31059040 | 75 | GT Pipeline Rebuild | 75D | Valves | 5758500-197A_MP5.10_REPLACE_V-2 | 197A_MP5.10_REPLACE_V-2 |
| 799 | Capital | Base | N | 34461 | blank | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | Install moisture analyzer at PLS-1 |
| 800 | Capital | Base | N | 34490 | blank | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | Install Hydrogen Sulfide analyzer |
| 801 | Capital | Base | N | 34555 | 31111882 | 75 | GT Pipeline Rebuild | 75D | Valves | 5761949-31111882-NOP VALVE - L220 MP 12.16 V-1 | V-288 NOP VALVE - L220 MP 12.16 V-1 (R- |
| 802 | Capital | Base | N | 34581 | 31086470 | 75 | GT Pipeline Rebuild | 75H | Class Location | 5750821-57A-MD01_0.00-0.25_REPLACE 1280 FT | "CANC"57A-MD01_0.00 - 0.25_ REPLACE 1280F |
| 803 | Capital | Base | N | 34634 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | 57A-MD1_0.00-0.08_Replace River Crossing |
| 804 | Capital | Base | N | 34634 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | 0111-06 retire 450-ft of 4-in DFM |
| 805 | Capital | Base | N | 34979 | 31100626 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501557-GSM PIPELINE RELIABILITY/SAFETY | L220 MP 19.37-19.09 REPLACEMENT |
| 806 | Capital | Base | N | 35210 | 31000052 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | TRACY REG STATION INSTALL SULFUR FILTERS |
| 807 | Capital | Base | N | 35215 | 31005069 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501555-GSM REG STATIONS | VALVE AUTOMATION |
| 808 | Capital | Base | N | 35385 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501557-GSM PIPELINE RELIABILITY/SAFETY | 118A_MP56.87-60.03_Retire_5in |
| 809 | Capital | Base | N | 35388 | 31101887 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501557-GSM PIPELINE RELIABILITY/SAFETY | R-022 L-300A MP 11.00-11.9 REPLACEMENT A |
| 810 | Capital | Base | N | 35389 | 31101084 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501557-GSM PIPELINE RELIABILITY/SAFETY | R-500 L-50A MP 18.01-18.41 REPLCMNT 6" |

| Line # (A) | Description of work performed in reporting period (M) | Order Start Date for work started or underway in the reporting period (N) | Actual/Forecast Start Date (O) | Construction Complete Date (P) | Operative (In Service) Date (Q) | Project start in reporting period (Y/N) (Order Start Date) (R) | Project Underway in Reporting Period (Y/N) (S) | Project completed in reporting period (Y/N) (T) | Net Amount spent in the Reporting Period (U) | Net Total amount spent since project inception to End of Reporting Period (V) | Net Total Forecast (W) | Top 100 Report (Report Year or Blank) (X) | HCA (Y/N/NA) (Y) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? (Z) | Government Requirement/ Recommendation (Y/N/NA) (AA) | District/Division/County (AB) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 757 | Construction | 12/23/2013 | 2/1/2015 | 2/29/2016 | 6/30/2016 | N | N | N | 1,007 | 1,007 | 2,087,300 | | | | N | Local Trans-south-San Jose-Santa Clara County |
| 758 | Construction | 12/23/2013 | 3/1/2016 | 6/30/2016 | 6/30/2016 | N | N | N | 950 | 950 | 1,603,207 | | | | N | Local Trans-south-Central Coast-San Bernardino Cou |
| 759 | Construction | 12/23/2013 | 3/1/2016 | 6/30/2016 | 6/30/2016 | N | N | N | 3,351 | 3,351 | 1,139,042 | | | | N | Local Trans-south-Central Coast-San Benito County |
| 760 | Construction | 12/23/2013 | 3/1/2016 | 6/30/2016 | 6/30/2016 | N | N | N | 195 | 195 | 1,130,805 | | | | N | Local Trans-south-Central Coast-San Benito County |
| 761 | Construction | 8/24/2015 | 5/16/2016 | 7/28/2016 | 7/8/2016 | Y | N | N | 7,907 | 7,907 | 2,711,247 | | | | N | Local Trans-north-Sacramento-Sacramento County |
| 762 | Construction | 8/24/2015 | 3/5/2016 | 8/13/2016 | 4/28/2016 | Y | N | N | 8,673 | 8,673 | 1,957,000 | | | | N | Local Trans-north-Sierra-Placer County |
| 763 | Construction | 8/24/2015 | 2/19/2016 | 4/6/2016 | 4/11/2016 | Y | N | N | 15,437 | 15,437 | 2,946,503 | | N | | N | Local Trans-north-Sierra-Placer County |
| 764 | Construction | 12/23/2013 | 12/23/2013 | 11/30/2016 | 11/30/2016 | N | N | N | | | 2,338,606 | | | | N | Systemwide-Systemwide-Multiple Counties |
| 765 | Construction | 8/24/2015 | 3/3/2016 | 5/16/2016 | 4/28/2016 | Y | N | N | 1,427 | 1,427 | 3,430,073 | | | | N | Local Trans-north-North Bay-san Rafael-Napa County |
| 766 | Construction | 2/1/2015 | 2/1/2016 | 6/30/2017 | 6/30/2017 | Y | N | N | 894 | 894 | 1,207,839 | | | | N | Local Trans-north-Sierra-Placer County |
| 767 | Construction | 2/1/2015 | 2/1/2015 | 6/30/2017 | 6/30/2017 | Y | N | N | 1,177 | 1,177 | 1,829,137 | | | | N | Local Trans-north-Sierra-Yuba County |
| 768 | Construction | 2/1/2015 | 2/1/2016 | 6/30/2017 | 6/30/2017 | Y | N | N | 235 | 235 | 2,028,576 | | | | N | Local Trans-north-Sierra-Yuba County |
| 769 | Construction | 2/29/2016 | 3/1/2016 | 6/30/2017 | 6/30/2017 | Y | N | N | 1,447 | 1,447 | 1,670,585 | | | | N | Local Trans-north-Sierra-Yuba County |
| 770 | Construction | 2/1/2016 | 2/1/2016 | 6/30/2017 | 6/30/2017 | Y | N | N | 130 | 130 | 1,449,860 | | | | N | Local Trans-north-Sierra-Sacramento County |
| 771 | Construction | 8/24/2015 | 7/6/2016 | 9/18/2016 | 6/29/2016 | Y | N | N | 7,076 | 7,076 | 2,913,922 | | | | N | Local Trans-north-North Bay-san Rafael-Marin Count |
| 772 | Construction | 8/24/2015 | 7/14/2016 | 9/30/2016 | 9/3/2016 | Y | N | N | 11,583 | 11,582 | 1,480,285 | | | | N | Local Trans-north-North Bay-san Rafael-Marin Count |
| 773 | Construction | 2/29/2016 | 3/1/2016 | 11/30/2017 | 11/30/2017 | Y | N | N | 2,690 | 2,690 | 3,112,607 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 774 | Construction | 8/24/2015 | 9/12/2016 | 7/22/2016 | 7/8/2016 | Y | N | N | 4,453 | 4,453 | 3,171,494 | | | | N | Local Trans-north-North Bay-vallejo/napa-Napa Coun |
| 775 | Construction | 2/1/2015 | 2/1/2016 | 11/30/2017 | 11/30/2017 | Y | N | N | 1,876 | 1,876 | 2,131,882 | | N | | N | Local Trans-north-Stockton-San Joaquin County |
| 776 | Construction | 2/26/2015 | 3/4/2016 | 6/30/2017 | 6/30/2017 | Y | N | N | 1,910 | 1,910 | 1,300,553 | | | | N | Local Trans-north-Sierra-Sutter County |
| 777 | Engineering/Permitting | 6/1/2015 | 7/1/2016 | 12/28/2018 | 12/28/2018 | Y | N | N | | | 3,080,000 | | N | | N | Local Trans-south-Peninsula |
| 778 | Construction | 10/1/2013 | 10/1/2013 | 12/28/2016 | 12/28/2016 | N | Y | N | 6 | 166 | 257,171 | | | | N | Local Trans-north-North Bay-vallejo/napa-Napa Coun |
| 779 | Engineering/Permitting | 6/4/2015 | 7/1/2016 | 8/15/2016 | 9/15/2016 | Y | N | N | | | 350,000 | | | | N | Local Trans-north-Mission |
| 780 | Engineering/Permitting | 6/5/2015 | 7/1/2016 | 8/15/2016 | 8/15/2016 | Y | N | N | | | 350,000 | | | | N | Local Trans-north-Mission |
| 781 | Engineering/Permitting | 8/17/2015 | 7/1/2016 | 12/28/2016 | 12/28/2016 | Y | N | N | | | | | | | N | Mcdonald Island |
| 782 | Construction | 7/15/2015 | 4/4/2016 | 7/26/2016 | 6/29/2016 | N | N | N | 2,774 | 2,774 | 534,398 | | | | N | Burney-Shasta County |
| 783 | Close-Out | 1/30/2015 | 5/14/2015 | 8/17/2016 | 9/10/2016 | Y | N | Y | 294,339 | 294,339 | 294,339 | | | | N | Local Trans-north-North Valley-Shasta County |
| 784 | Construction | 4/14/2015 | 6/26/2016 | 11/5/2016 | 12/12/2016 | Y | N | N | 24,005 | 24,005 | 670,083 | | | | N | Local Trans-north-Sacramento/Sacramento-Solano County |
| 785 | Engineering/Permitting | 7/1/2016 | 7/1/2016 | 10/26/2017 | 10/26/2017 | N | N | N | | | 500,000 | | | | N | Local Trans-north-North Bay-san Rafael |
| 786 | Construction | 6/3/2016 | 3/1/2016 | 3/18/2016 | 3/14/2016 | N | N | N | 1,211 | 1,211 | 1,211 | | | | N | Local Trans-south-San Jose-Santa Clara County |
| 787 | Engineering/Permitting | 6/4/2015 | 7/1/2016 | 12/28/2017 | 12/28/2017 | Y | N | N | | | 480,000 | | | | N | Milpitas-Facility |
| 788 | Engineering/Permitting | 5/4/2015 | 7/1/2015 | 12/28/2017 | 12/28/2017 | Y | N | N | | | 475,000 | | | | N | Milpitas-Facility |
| 789 | Engineering/Permitting | 9/15/2015 | 7/1/2015 | 6/28/2018 | 6/28/2018 | Y | N | N | | | 750,000 | | | | N | Local Trans-south-De Anza |
| 790 | Engineering/Permitting | 5/16/2014 | 6/19/2014 | 12/28/2016 | 12/28/2016 | N | N | N | | | 325,000 | | | | N | Rio Vista-Sacramento County |
| 791 | Close-Out | 11/20/2014 | 4/27/2015 | 5/23/2015 | 8/12/2015 | N | N | Y | 262,611 | 263,594 | 263,504 | | N | | N | Local Trans-south-Fresno-Fresno County |
| 792 | Construction | 7/1/2014 | 7/1/2014 | 12/10/2016 | 12/10/2016 | N | Y | N | 665 | 17,628 | 318,096 | | | | N | Hinkley-Kern-San Bernardino County |
| 793 | Close-Out | 7/21/2014 | 4/1/2016 | 6/21/2016 | 4/22/2016 | N | N | Y | 370,600 | 382,580 | 382,580 | | | | N | Local Trans-south-De Anza-Santa Clara County |
| 794 | Engineering/Permitting | 7/3/2015 | 6/24/2015 | 12/7/2016 | 12/7/2016 | N | N | N | 1,032 | 1,032 | 498,241 | | | | N | Local Trans-south-Peninsula-San Mateo County |
| 795 | Construction | 8/12/2014 | 7/1/2014 | 11/5/2015 | 11/6/2015 | N | Y | N | 199 | 2,603 | 300,742 | | | | N | Local Trans-north-North Bay-vallejo/napa-Napa Coun |
| 796 | Engineering/Permitting | 4/8/2015 | 7/1/2015 | 6/28/2016 | 6/28/2016 | Y | N | N | | | 250,000 | | | | N | Local Trans-north-North Coast-santa Rosa |
| 797 | Construction | 2/1/2015 | 2/1/2016 | 1/29/2016 | 1/29/2016 | Y | N | N | 228 | 228 | 499,274 | | | | N | Local Trans-south-Central Coast-Santa Clara County |
| 798 | Construction | 10/1/2014 | 10/1/2014 | 12/31/2017 | 12/31/2017 | N | Y | N | 1,059 | 9,812 | 395,957 | | | | N | Local Trans-north-Stockton-San Joaquin County |
| 799 | Engineering/Permitting | 11/4/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Topock |
| 800 | Engineering/Permitting | 7/1/2016 | 7/1/2016 | 7/28/2016 | 7/28/2016 | N | N | N | | | 100,000 | | | | N | Hinkley |
| 801 | Close-Out | 9/1/2014 | 4/1/2015 | 9/9/2015 | 4/14/2016 | N | Y | N | 285,485 | 291,150 | 291,150 | | | | N | Local Trans-north-Sacramento/Sacramento-Solano County |
| 802 | Close-Out | 1/1/2015 | 1/1/2015 | 8/29/2015 | 11/21/2015 | Y | N | N | 9,402 | 9,402 | 9,402 | | | | N | Mcdonald Island-Stockton-San Joaquin County |
| 803 | Engineering/Permitting | 6/4/2015 | 7/1/2015 | 10/23/2016 | 10/23/2016 | Y | N | N | | | 1,400,000 | | | | N | Mcdonald Island-Stockton |
| 804 | Engineering/Permitting | 6/6/2015 | 7/1/2015 | 9/1/2016 | 9/1/2016 | Y | N | N | | | 650,000 | | | | N | Local Trans-north-East Bay-south |
| 805 | Construction | 6/3/2014 | 6/15/2016 | 11/12/2016 | 11/26/2016 | N | N | N | 38,895 | 38,895 | 3,381,912 | | | | N | Local Trans-north-Sacramento/Sacramento-Sacramento County |
| 806 | Construction | 6/8/2015 | 2/17/2016 | 4/21/2016 | 3/26/2016 | N | N | N | 3,766 | 3,766 | 453,780 | | | | N | Tracy-Multiple Counties |
| 807 | Engineering/Permitting | 5/22/2014 | 6/28/2014 | 12/31/2016 | 12/31/2016 | N | N | N | | | 1,800,000 | | | | N | Systemwide-Systemwide-Multiple Counties |
| 808 | Engineering/Permitting | 9/2/2014 | 7/1/2016 | 12/31/2016 | 12/31/2016 | N | N | N | | | | | N | | N | Local Trans-south-Yosemite-oakhurst |
| 809 | Construction | 12/11/2014 | 10/24/2015 | 3/22/2016 | 2/27/2016 | N | N | N | 129,580 | 128,500 | 8,607,170 | | Y | | N | Local Trans-north-Sierra-Butte County |
| 810 | Construction | 12/11/2014 | 10/24/2015 | 3/22/2016 | 2/27/2016 | N | N | N | 128,981 | 128,981 | 8,841,796 | | N | | N | Local Trans-north-North Valley-Butte County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| Line # | Capital Expense | PSEP/Base | Project Located in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project name or Work Category |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 611 | Capital | Base | N | 35370 | 31101058 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L-153_4 MP 5.32-5.46 |
| 612 | Capital | Base | N | 35371 | 31101265 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 300A_7 3.688 MP 146.55-153.54 |
| 613 | Capital | Base | N | 35372 | 31101076 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 153, MP 23.77-28.05 |
| 614 | Capital | Base | N | 35373 | 31101074 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 105N MP 28.12-30.27 REPLACEMENT |
| 615 | Capital | Base | N | 35374 | 31101079 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 105C MP 0-1.79 REPLACEMENT |
| 616 | Capital | Base | N | 35375 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 132, MP 43.41-51.29 |
| 617 | Capital | Base | N | 35377 | 31101078 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L-153 MP 25.62-27.70 REPLACE |
| 618 | Capital | Base | N | 35378 | 31101080 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-505 DFM 0401-01 1.40 MP 0.05-2.4 |
| 619 | Capital | Base | N | 35379 | 31101280 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 1816-15_1 MP 0-0.47 |
| 620 | Capital | Base | N | 35380 | 31101072 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-505 DFM 0401-01, MP 2.27-3.55 |
| 621 | Capital | Base | N | 35381 | 31101079 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-512 DFM 1816-01 0.42 MP 14.25-14.63 |
| 622 | Capital | Base | N | 35382 | 31101246 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L-1816-01, MP 2.49-2.89 |
| 623 | Capital | Base | N | 35383 | 31101244 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-614 L-100_1 0.03 MP 135.45-135.48 (R |
| 624 | Capital | Base | N | 35384 | 31101075 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-509 105N-5_1 0.001 MP 30.47-30.471 |
| 625 | Capital | Base | N | 35076 | blank | 75 | GT Pipeline Rebuild | 75P | Pipeline Emergency R | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L-1058 M-4.11 Rplc 1500 ft 24-in |
| 626 | Capital | Base | N | 36086 | 31105689 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5515259-2015 STRENGTH TEST 75E CAPITAL | L-118A MP 54.75-55.215 T-1035 CAPITAL |
| 627 | Capital | Base | N | 36016 | 31105332 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5515259-2015 STRENGTH TEST 75E CAPITAL | L-118A MP 17.74-17.78 T-1025 CAPITAL |
| 628 | Capital | Base | N | 35400 | 31101844 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5515259-2015 STRENGTH TEST 75E CAPITAL | L-118A MP 28.59-30.57 T-1031 CAPITAL |
| 629 | Capital | Base | N | 35944 | 31101881 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5515259-2015 STRENGTH TEST 75E CAPITAL | 2015 STRENGTH TEST CAPITAL |
| 630 | Capital | Base | N | 35206 | 31102400 | 75 | GT Pipeline Rebuild | 75H | Class Location | 5705534-"CANCT"L-401, MP 69.32 - 70.15REPLACEMENT | "CANCT"L-401, MP 69.32 - 70.15REPLACEMENT |
| 631 | Capital | Base | N | 36381 | 31133320 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L150 MP 6.7-18.85 RETIRE |
| 632 | Capital | Base | N | 37080 | 31133859 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501637-GSM PIPELINE RELIABILITY/SAFETY | 214 MP 1.59 REPLACE DAMAGED PIPE |
| 633 | Capital | Base | N | 37103 | 31125771 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5515259-2015 STRENGTH TEST 75E CAPITAL | L-118A MP 37.725-43.84 T-1032 CAPITAL |
| 634 | Capital | Base | N | 37202 | 31125513 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501628-GSM REG STATIONS | VALERO MTR STN - REBFILTER/METER ISSUE |
| 635 | Capital | Base | N | 37331 | 31130729 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501628-GSM REG STATIONS | BUCKEYE CREEK PLS UNDERRATED 12" PIPE |
| 636 | Capital | Base | N | 37479 | 31133506 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 0821-02 MP 2.36 INOP VALVE V15-OSE TULLY |
| 637 | Capital | Base | N | 37486 | 31133771 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-652 DFM 0813-01 0.79 MP 3.29-4.08 RPL |
| 638 | Capital | Base | N | 37537 | 31135629 | 75 | GT Pipeline Rebuild | 75C | Regulator Stations | 5501658-GSM REG STATIONS | DFDS3873 MP 0.20 INST FILTER AT COALINGA |
| 639 | Capital | Base | N | 37650 | 31134986 | 75 | GT Pipeline Rebuild | 75D | Valves | 5702856-DREG5300_R_0.0047_REPLACE LEAKING | R-604 DREG5300_R_0.0047_REPLACE LEAKING |
| 640 | Capital | Base | N | 37730 | 31134226 | 75 | GT Pipeline Rebuild | 75I | Valve Automation | 5702788-HERMANN STATION V1.52 & V10 AUTOMATION | HERMANN STATION_V1.52 & V10 AUTOMATION |
| 641 | Capital | Base | N | 38051 | 31140208 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 103 MP 12.60 ROGGE RD INOP V-A-B-C |
| 642 | Capital | Base | N | 38253 | 31145320 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 1816-18 MP 4.50 V-A-B REPLACE INOP VALVE |
| 643 | Capital | Base | N | 38076 | 31143751 | 75 | GT Pipeline Rebuild | 75M | Shallow Pipe | 5705742-L-191-1 LOWERING MAIN SITE 1 & 8 | R-RXEED MBW R : L-191-1 LOWERING MAIN |
| 644 | Capital | Base | N | 38142 | P.08367 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | WALNUT CROSSOVER WBS |
| 645 | Capital | Base | N | 38499 | P.08825 | 75 | GT Pipeline Rebuild | 75J | Geohazards | 5705795-021E MP 129.7 LAND SLIDE MITIGATION | L-021E MP. 125.4 - 129.7 WBS |
| 646 | Capital | Base | N | 38517 | P.08629 | 75 | GT Pipeline Rebuild | 75F | Water and Levee | 5758810-L-400/401 MP 240 CACHE CREEK RELO | R-400, L-400/401 Cache Creek WBS |
| 647 | Capital | Base | N | 38620 | 31103107 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501650-GSM PIPELINE RELIABILITY/SAFETY | 101 MP 12.60-12.03 AO SMITH VERIFICATION |
| 648 | Capital | Base | N | 38609 | 31152085 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L-191-1 GRADE 3+ 10" V-3 REMOVAL |
| 649 | Capital | Base | N | 38801 | 31154270 | 75 | GT Pipeline Rebuild | 75N | Capital Strength Tes | 5705945-LINE 4028 EXT 2500 FT MP 8.94 TO MP 9.45 | LINE 4028 EXT 2500 FT MP 8.94 TO MP 9.45 |
| 650 | Capital | Base | N | 38851 | 31157455 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | L-137 MP 12.71 INOP VALVES V-A V-B |
| 651 | Capital | Base | N | 39483 | P.08940 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-309 L-187 Fremont WBS |
| 652 | Capital | Base | N | 39484 | P.09947 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5501637-GSM PIPELINE RELIABILITY/SAFETY | R-282, L-132 SOUTH SAN FRANCISCO WBS |
| 653 | Capital | Base | N | 39409 | 31160596 | 75 | GT Pipeline Rebuild | 75D | Capital Repair | 5501637-GSM PIPELINE RELIABILITY/SAFETY | L150_MP 16.86_17.43_RETIREMENT |
| 654 | Capital | Base | N | 39428 | 31160637 | 75 | GT Pipeline Rebuild | 75D | Valves | 5512241-G TRANS RELIABILITY - PIPELINE | 0805-01 MP 3.14 LUNDY & MCKAY INOP |
| 655 | Capital | Base | N | 054324 | 6121424 | 75 | GT Pipeline Rebuild | 75E | Vintage pipe | 5510659-GSM CORROSION ENGINEERING | L-107 MP20.91-26.01 REPLACE LAND RIGHTS |
| 656 | Capital | Base | N | 14225 | 30825700 | 79 | GT Station Rebuild | 78M | Routine Capital Spen | 5501609-GSM L300 STATION RELIABILITY | HINKLEY REPLACE STATION FUEL GAS REG |
| 657 | Capital | Base | N | 17661 | 30804084 | 78 | GT Station Rebuild | 78J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS REWORK WELL 1 (2016) |
| 658 | Capital | Base | N | 17625 | 30804071 | 78 | GT Station Rebuild | 78J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS REWORK WELL LM-210 (2016) |
| 659 | Capital | Base | N | 17692 | 30804077 | 78 | GT Station Rebuild | 78E | Terminal Reliability | 5501657-GSM TERMINAL RELIABILITY | MCD ISLAND REWORK WELL 3 (2015) |
| 660 | Capital | Base | N | 17716 | 30804092 | 78 | GT Station Rebuild | 78E | Terminal Reliability | 5501657-GSM TERMINAL RELIABILITY | MCD ISLAND REWORK WELL 4 (2015) |
| 661 | Capital | Base | N | 17725 | 30804099 | 78 | GT Station Rebuild | 78E | Terminal Reliability | 5501657-GSM TERMINAL RELIABILITY | MCD ISLAND REWORK WELL 5 (2015) |
| 662 | Capital | Base | N | 21727 | 31100373 | 75 | GT Station Rebuild | 78N | Routine Capital Spen | 5501603-GSM L300 STATION RELIABILITY | SANTA ROSA CS GAS AND FIRE DETECTION |
| 663 | Capital | Base | N | 24425 | blank | 78 | GT Station Rebuild | 78B | Terminal Reliability | 5501657-GSM TERMINAL RELIABILITY | GT Security System Upgrade |
| 664 | Capital | Base | N | 25858 | 31099209 | 78 | GT Station Rebuild | 78H | Compressor Systems | 5501609-GSM L300 STATION RELIABILITY | HINKLEY POND 6 LINER REPLACEMENT |

| Line # | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/NA) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/Recommendation (Y/N/NA) | District/Division/County |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 611 | Construction | 1/27/2016 | 11/1/2016 | 12/26/2016 | 12/6/2016 | Y | N | N | 51,276 | 51,276 | 2,781,444 | | | | N | Local Trans-north-Mission-Alameda County |
| 612 | Construction | 4/16/2015 | 12/1/2016 | 2/7/2017 | 1/14/2017 | Y | N | N | | | 29,229,000 | | N | | N | Hinkley-Kern-San Bernardino County |
| 613 | Construction | 7/29/2016 | 3/7/2017 | 8/18/2017 | 4/20/2017 | Y | N | N | 254,995 | 254,995 | 50,636,242 | | Y | | N | Local Trans-north-East Bay-south-Alameda County |
| 614 | Construction | 11/18/2014 | 6/7/2017 | 12/21/2017 | 12/1/2017 | N | N | N | 38,020 | 38,020 | 4,611,074 | | | | N | Local Trans-north-East Bay-south-Alameda County |
| 615 | Construction | 12/17/2014 | 9/16/2017 | 2/1/2016 | 1/12/2016 | N | N | N | 279,069 | 279,069 | 323,913 | | Y | | N | Local Trans-north-East Bay-south-Alameda County |
| 616 | Engineering/Permitting | 1/12/2015 | 7/1/2016 | 10/1/2019 | 10/1/2019 | Y | N | N | | | 13,663,880 | | | | N | Local Trans-south-San Francisco |
| 617 | Construction | 1/28/2016 | 1/21/2017 | 3/30/2017 | 3/7/2017 | Y | N | N | 254,887 | 254,887 | 28,612,140 | | N | | N | Local Trans-north-East Bay-south-Alameda County |
| 618 | Close-Out | 4/1/2015 | 4/1/2015 | 8/8/2016 | 8/8/2016 | Y | N | N | 2,632 | 2,632 | 3,140 | | N | | N | Local Trans-north-North Bay-san Rafael-Marin Count |
| 619 | Engineering/Permitting | 9/2/2014 | 9/2/2014 | 10/1/2018 | 10/1/2018 | N | N | N | | | 4,129,759 | | | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 620 | Construction | 9/12/2016 | 7/29/2016 | 10/9/2018 | 9/9/2016 | Y | N | N | 1,769 | 1,769 | 7,705,496 | | Y | | N | Local Trans-north-North Bay-san Rafael-Marin Count |
| 621 | Construction | 3/29/2015 | 11/20/2016 | 2/2/2017 | 1/18/2017 | Y | N | N | 3,469 | 3,469 | 3,114,881 | | N | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 622 | Construction | 3/29/2016 | 11/21/2016 | 1/30/2017 | 1/8/2017 | Y | N | N | 63,540 | 63,540 | 1,004,413 | | | | N | Local Trans-south-Central Coast-Santa Cruz County |
| 623 | Construction | 4/29/2015 | 7/7/2016 | 9/14/2016 | 8/27/2016 | Y | N | N | 3,307 | 3,307 | 827,689 | | | | N | Milpitas-Milpitas-San Jose-Santa Clara County |
| 624 | Construction | 4/2/2015 | 3/24/2016 | 6/1/2016 | 5/7/2016 | Y | N | N | 1,959 | 1,959 | 379,332 | | | | N | Local Trans-north-East Bay-south-Alameda County |
| 625 | Engineering/Permitting | 4/21/2015 | 7/14/2016 | 3/28/2018 | 3/28/2018 | Y | N | N | | | | | | | N | Local Trans-north-East Bay-north |
| 626 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 380,030 | 380,173 | 380,173 | | N | | N | Local Trans-south-Yosemite-Merced County |
| 627 | Construction | 10/12/2014 | 10/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 325,565 | 326,818 | 326,818 | | | | N | Local Trans-south-Yosemite-Merced County |
| 628 | Close-Out | 3/1/2015 | 3/1/2015 | 6/1/2015 | 6/1/2015 | Y | N | Y | 594,700 | 594,700 | 594,700 | | N | | N | Local Trans-south-Yosemite-Merced County |
| 629 | Construction | 8/18/2014 | 8/18/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide-Multiple Counties |
| 630 | Close-Out | 10/1/2014 | 10/1/2014 | 6/29/2015 | 6/29/2015 | N | Y | N | -194 | -32 | -32 | | N | | N | Burney-North Valley-Shasta County |
| 631 | Construction | 2/1/2016 | 2/1/2016 | 12/28/2019 | 12/28/2019 | Y | N | N | 2,607 | 2,607 | 1,384,809 | | N | | N | Local Trans-north-Sacramento-Sacramento County |
| 632 | Construction | 2/1/2016 | 2/1/2016 | 12/28/2016 | 12/28/2016 | Y | N | N | 550,006 | 550,006 | 652,054 | | Y | | N | Local Trans-north-North Bay-vallejo/napa-Solano Co |
| 633 | Construction | 1/1/2015 | 1/1/2015 | 6/30/2015 | 6/30/2015 | Y | N | Y | 558,157 | 558,157 | 558,157 | | N | | N | Local Trans-south-Yosemite-Merced County |
| 634 | Construction | 2/24/2015 | 4/6/2016 | 6/14/2016 | 5/18/2016 | Y | N | N | 41,326 | 41,303 | 1,241,383 | | | | N | Local Trans-north-North Bay-vallejo/napa-Solano Co |
| 635 | Construction | 1/1/2015 | 1/1/2016 | 12/31/2015 | 12/31/2015 | Y | N | N | 314,425 | 314,425 | 314,425 | | | | N | Local Trans-north-East Bay-north-Glenn County |
| 636 | Construction | 3/24/2015 | 6/1/2015 | 2/2/2015 | 7/31/2015 | Y | N | N | 799,185 | 799,185 | 799,185 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 637 | Construction | 8/22/2016 | 7/13/2016 | 9/25/2016 | 8/26/2016 | Y | N | N | 22,879 | 22,879 | 4,872,879 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 638 | Construction | 2/1/2015 | 5/2/2016 | 7/13/2016 | 6/17/2016 | Y | N | N | 20,051 | 20,051 | 770,051 | | | | N | Local Trans-south-Fresno-Fresno County |
| 639 | Close-Out | 3/18/2015 | 3/18/2016 | 4/10/2015 | 7/18/2015 | Y | N | Y | 711,631 | 711,681 | 711,531 | | | | N | Milpitas-Milpitas-Mission-Alameda County |
| 640 | Construction | 1/8/2014 | 8/28/2014 | 11/30/2015 | 10/23/2015 | N | N | N | 538,373 | 538,373 | 538,373 | | | | N | Local Trans-north-Napa Bay-vallejo/napa-Solano Co |
| 641 | Construction | 5/27/2015 | 3/16/2016 | 4/4/2016 | 3/30/2016 | Y | N | N | 34,450 | 34,450 | 741,380 | | N | | N | Local Trans-south-Central Coast-Monterey County |
| 642 | Construction | 5/28/2015 | 3/31/2016 | 4/18/2016 | 4/14/2016 | Y | N | N | 36,780 | 36,780 | 625,574 | | | | N | Local Trans-south-Central Coast-Monterey County |
| 643 | Construction | 4/3/2014 | 9/3/2015 | 10/28/2015 | 9/29/2015 | N | N | N | 16,193 | 16,193 | 1,918,193 | | | | N | Local Trans-north-Diablo-Contra Costa County |
| 644 | Construction | 1/5/2012 | 4/19/2016 | 5/9/2016 | 3/29/2016 | N | Y | N | 138,342 | 909,283 | 2,827,416 | | | | N | Tracy-Diablo-Contra Costa County |
| 645 | Construction | 10/21/2011 | 6/17/2016 | 11/1/2015 | 10/30/2016 | N | Y | N | 443,293 | 1,822,524 | 1,822,448 | | Y | | N | Local Trans-north-North Coast-ukiah-Mendocino Coun |
| 646 | Construction | 4/8/2010 | 9/21/2016 | 11/2/2016 | 9/25/2016 | N | Y | N | 7,604,978 | 8,186,040 | 8,656,213 | | | | N | Williams-Sacramento-Yolo County |
| 647 | Construction | 6/1/2015 | 6/1/2016 | 12/28/2016 | 12/28/2016 | Y | N | N | 697,212 | 697,212 | 702,636 | | | | N | Local Trans-south-Peninsula-San Mateo County |
| 648 | Construction | 6/4/2015 | 11/19/2015 | 12/9/2015 | 12/4/2015 | Y | N | N | 390,454 | 389,494 | 448,994 | | | | N | Local Trans-north-Diablo-Contra Costa County |
| 649 | Construction | 5/14/2015 | 1/4/2016 | 4/25/2016 | 4/1/2016 | Y | N | N | 51,159 | 51,159 | 4,051,119 | | | | N | Local Trans-north-North Valley-Shasta County |
| 650 | Construction | 6/11/2015 | 3/21/2016 | 4/8/2016 | 4/1/2016 | Y | N | N | 4,020 | 4,020 | 594,405 | | | | N | Local Trans-south-Central Coast-Monterey County |
| 651 | Construction | 1/9/2012 | 5/15/2015 | 12/18/2015 | 11/20/2015 | N | Y | N | 3,255,829 | 4,636,040 | 27,271,079 | | | | N | Milpitas-Milpitas-Mission-Santa Clara County |
| 652 | Construction | 11/1/2000 | 1/8/2015 | 6/13/2016 | 10/14/2014 | N | N | Y | 8,350,584 | 24,078,171 | 24,676,171 | | | | N | Local Trans-south-Peninsula-San Mateo County |
| 653 | Engineering/Permitting | 6/1/2012 | 6/1/2016 | 12/25/2016 | 12/28/2010 | Y | N | N | 220 | 220 | 1,037,580 | | N | | N | Rio Vista-Sacramento-Yolo County |
| 654 | Construction | 6/9/2015 | 2/4/2016 | 2/22/2016 | 2/17/2016 | Y | N | N | 531 | 531 | 450,531 | | N | | N | Local Trans-south-San Jose-Santa Clara County |
| 655 | Engineering/Permitting | 3/1/2015 | 3/1/2016 | 3/28/2016 | 3/29/2015 | Y | N | Y | 615,308 | 615,308 | 615,308 | | | | N | Systemwide-Systemwide-Alameda County |
| 656 | Construction | 9/7/2004 | 12/1/2008 | 12/31/2016 | 12/31/2016 | N | Y | N | 843 | 24,530 | 524,530 | | | | N | Hinkley-Kern-Kern County |
| 657 | Engineering/Permitting | 7/10/2013 | 7/10/2013 | 12/16/2016 | 12/15/2016 | N | N | N | | | 1,402,494 | | | | N | Los Medanos-Diablo-Contra Costa County |
| 658 | Construction | 3/2/2015 | 3/2/2015 | 10/6/2016 | 6/12/2016 | Y | N | N | 836,753 | 836,753 | 727,078 | | | | N | Los Medanos-Diablo-Contra Costa County |
| 659 | Construction | 3/16/2012 | 3/10/2012 | 12/16/2016 | 12/16/2016 | N | N | N | | | 1,400,494 | | | | N | Mcdonald Island-Diablo-Contra Costa County |
| 660 | Engineering/Permitting | 3/16/2012 | 3/19/2012 | 12/16/2016 | 12/15/2016 | N | N | N | | | 1,300,000 | | | | N | Mcdonald Island-Diablo-San Joaquin County |
| 661 | Engineering/Permitting | 3/19/2012 | 3/19/2012 | 12/16/2016 | 12/16/2016 | N | N | N | | | 1,499,000 | | | | N | Mcdonald Island-Diablo-San Joaquin County |
| 662 | Construction | 3/11/2016 | 6/1/2016 | 7/28/2016 | 7/27/2016 | Y | N | N | 8,674 | 8,674 | 108,674 | | | | N | Local Trans-north-North Coast-santa Rosa-Sonoma Co |
| 663 | Engineering/Permitting | 2/29/2012 | 7/1/2016 | 12/31/2019 | 12/31/2019 | N | N | N | | | 950,000 | | | | N | Systemwide-Systemwide |
| 664 | Engineering/Permitting | 5/4/2015 | 5/4/2016 | 12/15/2016 | 12/15/2016 | Y | N | N | | | 4,800,000 | | | | N | Hinkley-San Bernardino County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | RCA (Y/N/ NA) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement Recommendation (Y/N/ NA) | District/Division/County |
| 665 | Capital | Base | N | 25708 | 31100807 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | MCD IS - TCS REPLACE LEVEL INDICATORS | Construction | 9/12/2015 | 10/31/2015 | 1/8/2016 | 12/14/2015 | Y | N | N | 16,777 | 16,777 | 67,347 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 666 | Capital | Base | N | 30259 | 31100871 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | BURNEY L-400 MLV ACTUATOR REPLACEMENT | Engineering/Permitting | 3/3/2014 | 3/3/2014 | 12/31/2017 | 12/31/2017 | N | N | N | | | 400,000 | | | | N | Burney-North Valley-Shasta County |
| 667 | Capital | Base | N | 30286 | 31100861 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | TIONESTA AIR COMPRESSOR REPLACEMENT | Engineering/Permitting | 7/30/2014 | 7/30/2014 | 12/29/2017 | 12/29/2017 | N | N | N | | | 950,000 | | | | N | Burney-Modoc County |
| 668 | Capital | Base | N | 31251 | 31101325 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS REWORK WELL LM-11C (2015) | Construction | 2/2/2015 | 3/2/2015 | 11/30/2015 | 8/12/2015 | Y | N | N | 337,694 | 337,694 | 337,694 | | | | N | Los Medanos-Diablo-Contra Costa County |
| 669 | Capital | Base | N | 31252 | 31101022 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS REWORK WELL 12E (2015) | Engineering/Permitting | 7/10/2015 | 7/10/2015 | 12/15/2015 | 12/16/2015 | N | N | N | | | 1,002,958 | | | | N | Los Medanos-Diablo-Contra Costa County |
| 670 | Capital | Base | N | 33209 | 31100364 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | BETHANY GAS DETECTORS REPLACEMENT | Construction | 2/4/2016 | 3/19/2016 | 5/26/2016 | 6/4/2016 | Y | N | N | 4,982 | 4,982 | 311,025 | | | | N | Tracy-San Joaquin County |
| 671 | Capital | Base | N | 33349 | 31100097 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | GERBER K-1 GAS TURBINE OVERHAUL | Construction | 2/11/2016 | 10/26/2016 | 10/30/2016 | 10/30/2016 | Y | N | N | 23,234 | 23,234 | 249,150 | | | | N | Willows-Tehama County |
| 672 | Capital | Base | N | 33431 | 31100040 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5512163-GT STATION RELIABILITY | MCD IS - MCS REPLACE TANK D-1A | Construction | 6/18/2016 | 7/10/2016 | 3/15/2016 | 3/10/2016 | Y | N | N | 17,342 | 17,342 | 67,342 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 673 | Capital | Base | N | 33435 | 31100609 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | HINKLEY UPGRADE SHALLOW ROAD CROSSINGS | Engineering/Permitting | 5/15/2014 | 9/15/2014 | 6/25/2016 | 6/26/2016 | N | N | N | | | 600,000 | | | | N | Hinkley-San Bernardino County |
| 674 | Capital | Base | N | 33501 | 31100044 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | HINKLEY K12 - ENGINE TOP END OVERHAUL | Construction | 6/7/2016 | 6/25/2016 | 10/25/2016 | 6/30/2016 | Y | N | N | 4,652 | 4,652 | 4,652 | | | | N | Hinkley-San Bernardino County |
| 675 | Capital | Base | N | 33523 | 31300022 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | HINKLEY ENVIRONMENTAL RISK MITIGATION | Construction | 3/12/2016 | 11/2/2016 | 2/1/2016 | 1/1/2016 | Y | N | N | 16,530 | 16,530 | 316,530 | | | | N | Hinkley-San Bernardino County |
| 676 | Capital | Base | N | 33534 | 31300004 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | TOPOCK ENVIRONMENTAL RISK MITIGATION | Construction | 3/2/2016 | 8/1/2016 | 12/31/2016 | 11/26/2016 | Y | N | N | 40,108 | 40,108 | 115,108 | | | | N | Topock-Kern-San Bernardino County |
| 677 | Capital | Base | N | 33542 | 31300813 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | LOS MEDANOS PURCHASE ADD'L SPARE PARTS | Construction | 1/1/2016 | 1/1/2016 | 6/30/2016 | 6/30/2016 | Y | N | N | 84,598 | 84,598 | 84,598 | | | | N | Los Medanos-Contra Costa County |
| 678 | Capital | Base | N | 33565 | 31101021 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | MCD IS WSS REPLACE GAS WELL TRANSMISSI | Construction | 7/22/2016 | 8/8/2016 | 6/18/2016 | 7/22/2016 | N | N | N | 105,033 | 105,033 | 7,609,571 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 679 | Capital | Base | N | 33563 | 31100630 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | BROOKSHERODE VALVES REPLACEMENT PROGRAM | Engineering/Permitting | 7/28/2014 | 7/28/2014 | 12/29/2016 | 12/29/2016 | N | N | N | | | 914,858 | | | | N | Burney-Multiple Counties |
| 680 | Capital | Base | N | 33612 | 31000025 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | TK-1 LUBE OIL COOLER REPLACEMENT | Construction | 2/29/2016 | 6/22/2016 | 6/18/2016 | 7/22/2016 | Y | N | N | 14,684 | 14,684 | 714,684 | | | | N | Burney-Modoc County |
| 681 | Capital | Base | N | 34177 | 31100025 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | TOPOCK CROSSTIE & SUCTION PRVO TW ACTUAT | Construction | 8/19/2016 | 10/12/2016 | 2/2/2017 | 1/18/2017 | Y | N | N | 9,070 | 9,070 | 6,750,076 | | | | N | Topock-Kern-San Bernardino County |
| 682 | Capital | Base | N | 34180 | 31100483 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | 34150 B-215 PC METER AND CONTROLS | Engineering/Permitting | 7/27/2016 | 10/2/2016 | 4/10/2016 | 3/17/2016 | N | N | N | | | 841,500 | | | | N | Los Medanos-Yolo County |
| 683 | Capital | Base | N | 34360 | 31101009 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | CANE/PORTEE REPLACE MID CONTROLS AND VA | Close-Out | 7/1/2015 | 7/1/2015 | 8/29/2015 | 3/17/2016 | N | N | N | | | | | | | N | Los Medanos-Sacramento County |
| 684 | Capital | Base | N | 34625 | 31100484 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | PORTEE UPGRADE POWER SUPPLY | Engineering/Permitting | 7/7/2016 | 8/7/2016 | 5/31/2019 | 4/25/2019 | N | N | N | | | 1,000,000 | | | | N | Los Medanos-Yolo County |
| 685 | Capital | Base | N | 33740 | 31000501 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5518080-31000501-HINKLEY REPLACE POND & LYSIMET | HINKLEY REPLACE POND & LYSIMETERS | Close-Out | 9/2/2014 | 10/9/2015 | 3/14/2015 | 4/16/2015 | N | N | Y | 488,870 | 516,585 | 516,585 | | | | N | Hinkley-San Bernardino County |
| 686 | Capital | Base | N | 32211 | 31121007 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | MCD ISL REWORK WELL TC-153 (2016) | Construction | 2/2/2015 | 3/2/2015 | 3/25/2016 | 1/25/2016 | Y | N | N | 78,121 | 78,121 | 728,121 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 687 | Capital | Base | N | 22215 | 31000475 | 75 | GT Station Rebuild | 75E | Terminal Reliability | 5501657-GSM TERMINAL RELIABILITY | IRVINGTON LIMITORQUE ACTUATORS REPLACEME | Construction | 10/1/2014 | 10/1/2014 | 12/28/2018 | 12/28/2018 | N | Y | N | 4,449 | 12,138 | 8,012,344 | | | | N | Milpitas/Irvington-Alameda County |
| 688 | Capital | Base | N | 25219 | 31000518 | 75 | GT Station Rebuild | 75D | Station Reliability | 5512163-GT STATION RELIABILITY | BRENTWOOD TOWN METER | Engineering/Permitting | 8/22/2014 | 8/20/2014 | 12/29/2017 | 12/29/2017 | N | N | N | | | 2,463,511 | | | | N | Tracy-Contra Costa County |
| 689 | Capital | Base | N | 35220 | 31000484 | 75 | GT Station Rebuild | 75D | Station Reliability | 5512163-GT STATION RELIABILITY | CANE/MEADOWS REG STA | Close-Out | 7/1/2014 | 7/1/2014 | 6/28/2015 | 6/28/2015 | N | N | Y | | | | | | | N | Local Transmission-North Coast-Santa Rosa-Sonoma Co |
| 690 | Capital | Base | N | 35221 | 31000467 | 75 | GT Station Rebuild | 75G | Station Reliability | 5512163-GT STATION RELIABILITY | WESTEND PRIMARY | Construction | 8/1/2014 | 8/1/2014 | 12/31/2017 | 12/31/2017 | N | N | N | | | 3,631,431 | | | | N | Hinkley-Kern-San Bernardino County |
| 691 | Capital | Base | N | 35222 | 31121009 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | MCD ISL REWORK WELL TC-143 (2015) | Construction | 2/2/2015 | 3/2/2015 | 3/16/2016 | 1/22/2016 | Y | N | N | 190,798 | 190,798 | 340,798 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 692 | Capital | Base | N | 35273 | 31100100 | 75 | GT Station Rebuild | 75G | Station Reliability | 5512163-GT STATION RELIABILITY | TURNER ROAD | Construction | 1/1/2016 | 1/1/2016 | 12/31/2017 | 12/31/2017 | Y | N | N | 1,220 | 1,220 | 2,501,220 | | | | N | Local Trans-north-Stockton-Glenn County |
| 693 | Capital | Base | N | 35224 | 31101004 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | MCD ISL REWORK WELL WO-38 (2016) | Construction | 2/9/2016 | 3/2/2016 | 3/30/2016 | 1/29/2016 | Y | N | N | 105,925 | 105,925 | 155,925 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 694 | Capital | Base | N | 35225 | 31101003 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | MCD ISL REWORK WELL WO-1W (2016) | Construction | 2/2/2016 | 3/2/2016 | 3/20/2016 | 1/29/2016 | Y | N | N | 50,829 | 50,829 | 100,829 | | | | N | McDonald Island-Stockton-San Joaquin County |
| 695 | Capital | Base | N | 35237 | blank | 75 | GT Station Rebuild | 75D | Station Reliability | 5512163-GT STATION RELIABILITY | Alpine and Pera | Engineering/Permitting | 1/8/2015 | 7/1/2015 | 12/28/2018 | 12/28/2018 | Y | N | N | | | 3,500,000 | | | | N | Local Transmission-Peninsula |
| 696 | Capital | Base | N | 35229 | 31100807 | 75 | GT Station Rebuild | 75J | Storage Well Rework | 5512165-GT STORAGE WELL REWORK | LOS MEDANOS UPSW REPLACEMENT | Construction | 8/2/2015 | 10/1/2015 | 12/8/2015 | 12/8/2015 | N | N | N | 7,790 | 7,790 | 247,790 | | | | N | Los Medanos-Diablo-Contra Costa County |
| 697 | Capital | Base | N | 35230 | 31000000 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | SPRECKELS SUGAR METER | Construction | 4/28/2015 | 6/4/2016 | 6/14/2016 | 6/10/2016 | Y | N | N | 136,687 | 136,687 | 3,280,702 | | | | N | Kettleman-Kern-Bakersfield-Fresno County |
| 698 | Capital | Base | N | 35230 | 31100620 | 75 | GT Station Rebuild | 75D | Station Reliability | 5512163-GT STATION RELIABILITY | CALIFORNIA STREET | Construction | 9/29/2015 | 5/2/2016 | 6/9/2016 | 7/10/2016 | Y | N | N | 46,359 | 46,359 | 6,231,036 | | | | N | Milpitas/Irvington-Central Coast-Monterey County |
| 699 | Capital | Base | N | 35231 | blank | 75 | GT Station Rebuild | 75G | Station Reliability | 5512163-GT STATION RELIABILITY | Milpitas Terminal Rebuild | Engineering/Permitting | 10/26/2014 | 7/1/2015 | 12/31/2018 | 12/31/2018 | N | N | N | | | 4,250,000 | | | | N | Milpitas/Irvington |
| 700 | Capital | Base | N | 35293 | 31100469 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | GERBER UNIT & STATION CONTROLS UPGRADE | Engineering/Permitting | 6/23/2014 | 6/23/2014 | 12/29/2017 | 12/29/2017 | N | N | N | | | 2,700,000 | | | | N | Willows-North Valley-Glenn County |
| 701 | Capital | Base | N | 35293 | 31100225 | 75 | GT Station Rebuild | 75G | Station Reliability | 5512163-GT STATION RELIABILITY | BRENTWOOD REBUILD PROJECT PHASE 1 | Construction | 9/29/2015 | 4/5/2016 | 8/16/2016 | 8/20/2016 | Y | N | N | 30,348 | 30,348 | 4,425,659 | | | | N | Tracy-Contra Costa County |
| 702 | Capital | Base | N | 35294 | 31101008 | 75 | GT Station Rebuild | 75N | Routine Capital Open | 5501653-GSM L300 STATION RELIABILITY | PHYSICAL SECURITY 40E3 | Construction | 1/1/2015 | 7/1/2015 | 3/29/2016 | 3/29/2016 | Y | N | N | 229,740 | 229,740 | 11,083,027 | | | | N | Systemwide-Systemwide-Multiple Counties |
| 703 | Capital | Base | N | 35350 | 31100429 | 75 | GT Station Rebuild | 75H | Compressor Stations | 5501653-GSM L300 STATION RELIABILITY | TCS REBUILD TRUCK TERMINAL | Engineering/Permitting | 8/29/2014 | 8/29/2014 | 12/23/2019 | 12/23/2019 | N | N | N | | | 300,000 | | | | N | McDonald Island-San Joaquin County |
| 704 | Capital | Base | N | 33104 | blank | 84 | GT Gas Gathering Sys | 84A | GT OGS | 0501659-GSM DIVESTITURE GATH | IRVINGTON Meters Replacement | Engineering/Permitting | 5/4/2015 | 7/1/2015 | 12/28/2017 | 12/28/2017 | Y | N | N | | | 1,500,000 | | | | N | Milpitas/Irvington |
| 705 | Capital | Base | N | 34129 | blank | 84 | GT Gas Gathering Sys | 84A | GT OGS | 5501659-GSM DIVESTITURE GATH | *Def GT Electrical Design Standards | Engineering/Permitting | 8/4/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide |
| 706 | Capital | Base | N | 34130 | blank | 84 | GT Gas Gathering Sys | 84A | GT OGS | 5501659-GSM DIVESTITURE GATH | *Def GT UPS & Battery Database | Engineering/Permitting | 8/4/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide |
| 707 | Capital | Base | N | 34132 | blank | 84 | GT Gas Gathering Sys | 84A | GT OGS | 5501659-GSM DIVESTITURE GATH | *Def GT UPS & Battery Database | Engineering/Permitting | 6/4/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Local Trans-Systemwide |
| 708 | Capital | Base | N | 31067 | 31101089 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-1025-2 ILI UPGRADE MP 3.00-0.00 | Construction | 7/14/2015 | 3/2/2016 | 4/29/2016 | 6/5/2016 | N | N | N | 13,627 | 13,627 | 1,488,172 | | Y | | N | Local Transmission-East Bay-north-Contra Costa Coun |
| 709 | Capital | Base | N | 31068 | 31101156 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | GCA/STS75 ILI UPGRADE MP 0.00-2.17 | Engineering/Permitting | 7/14/2015 | 3/8/2016 | 4/27/2016 | 4/5/2016 | N | N | N | | | 1,968,178 | | | | N | Local Transmission-Sacramento-Santa Clara County |
| 710 | Capital | Base | N | 31069 | blank | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-139C ILI Upgrade MP 43.86-60.02 | Engineering/Permitting | 7/12/2013 | 7/1/2015 | 12/31/2016 | 12/31/2016 | N | N | N | | | 1,492,811 | | Y | | N | Local Trans-south-Fresno |
| 711 | Capital | Base | N | 31070 | 31100881 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-177A ILI UPGRADE MP 123.06-176.16 | Construction | 7/13/2015 | 3/8/2016 | 4/27/2016 | 6/5/2016 | N | N | N | 47,130 | 47,130 | 3,052,074 | | N | | N | Local Trans-north-North Coast-Sonoma-Sutter County |
| 712 | Capital | Base | N | 31071 | 31100820 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-119C ILI UPGRADE MP 0.00-4.660 | Construction | 7/13/2013 | 3/8/2016 | 4/22/2016 | 4/8/2016 | N | N | N | 4,687 | 4,687 | 2,441,238 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 713 | Capital | Base | N | 31076 | 31101888 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-0077-01 ILI UPGRADE MP 0.00-1.28 | Construction | 7/14/2015 | 3/2/2016 | 4/20/2016 | 4/5/2016 | N | N | N | 13,476 | 13,476 | 2,275,589 | | Y | | N | Local Trans-north-Sacramento-Sacramento County |
| 714 | Capital | Base | N | 31077 | 31101883 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-2400-05 ILI UPGRADE MP 0.00-4.90 | Construction | 7/14/2015 | 8/8/2016 | 4/22/2016 | 6/9/2016 | N | N | N | 15,254 | 15,254 | 2,041,516 | | | | N | Local Trans-north-Mission-Alameda County |
| 715 | Capital | Base | N | 31078 | 31101888 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-0215-01 ILI UPGRADE MP 0.00-0.00 | Construction | 7/9/2015 | 3/8/2016 | 4/28/2016 | 4/9/2016 | N | N | N | 11,607 | 11,607 | 1,826,587 | | Y | | N | Local Trans-south-Peninsula-San Mateo County |
| 716 | Capital | Base | N | 31080 | 31100830 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-179 ILI UPGRADE MP 3.22-17.00 | Construction | 7/13/2013 | 3/8/2016 | 4/20/2016 | 4/9/2016 | N | N | N | 20,561 | 20,561 | 4,220,467 | | N | | N | Local Trans-north-Sierra-Placer County |
| 717 | Capital | Base | N | 35401 | 31101885 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | ENGINEERING FOR 2016 MT ILI UPGRADES | Construction | 8/3/2014 | 9/2/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide-Multiple Counties |
| 718 | Capital | Base | N | 35404 | 31100082 | 98 | GT Integrity Managem | 98C | ILI Upgrade Pipeline | 5505870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-132 MP 43.59-51.55 MT ILI UPGRADE | Construction | 8/3/2014 | 8/2/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide-Santa Clara County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSES (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital Expense | PSEP Item | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/NPL) | Capital Project Described in any Rate Case filing (Case Year or Blank)? | Government Requirement Recommendation (Y/N/N/A) | District/Division/County |
| 919 | Capital | Base | N | 35407 | 31102804 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-21C-1 MP 0.00-0.85 MT ILI UPGRADE | Engineering/Permitting | 9/2/2014 | 9/2/2014 | 12/31/2019 | 12/31/2016 | N | N | N | | | | | | | N | Local Trans-Systemwide-[illegible] County |
| 920 | Capital | Base | N | 35408 | 31102805 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 2015 PORTABLE ILI EQUIPMENT | Construction | 9/2/2014 | 9/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | 7,681 | 7,681 | 7,681 | | | | N | Systemwide-Systemwide-Multiple Counties |
| 921 | Capital | Base | N | 35409 | 31120283 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-0829-01 ILI UPGRADE MP 0.00-1.85 | Construction | 7/14/2015 | 3/8/2016 | 4/22/2016 | 4/5/2016 | N | N | N | 11,044 | 11,044 | 11,044 | | N | | N | Systemwide-Systemwide-Sacramento County |
| 922 | Capital | Base | N | 35410 | 31121890 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | [illegible] L-138 V-35.25 MLV REPL | Construction | 4/1/2015 | 6/29/2016 | 7/7/2016 | 6/21/2016 | Y | N | N | 18,328 | 18,328 | 18,328 | | | | N | Local Trans-South-Fresno-Fresno County |
| 923 | Capital | Base | N | 35411 | 31102808 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-102A L-142N BAKERSFIELD REG ILI UPGD II | Construction | 8/4/2015 | 9/28/2016 | 11/8/2016 | 12/28/2016 | N | N | N | 25,129 | 25,129 | 25,129 | | | | N | Local Trans-South-Kern-Bakersfield-Kern County |
| 924 | Capital | Base | N | 35412 | 31102803 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-131/SP5 ILI UPGR MP3.88/0.11-10.0/3.87 | Construction | 7/18/2015 | 3/8/2016 | 4/25/2016 | 4/8/2016 | N | N | N | 13,920 | 13,920 | 13,920 | | | | N | Systemwide-Systemwide-Contra Costa County |
| 925 | Capital | Base | N | 35413 | 31102807 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | 2016 ILI UPGRADE INSTALL LAUNCHER 123.85 | Construction | 6/24/2015 | 3/8/2016 | 4/25/2016 | 4/5/2016 | Y | N | N | 29,297 | 29,297 | 29,297 | | | | N | Local Trans-North-North Coast-[illegible] County |
| 926 | Capital | Base | N | 35414 | 31102802 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-2405-12 ILI UPGRADE MP 0.00-3.63 | Construction | 7/30/2015 | 3/8/2016 | 4/26/2016 | 4/5/2016 | N | N | N | 24,051 | 24,051 | 24,051 | | Y | | N | Systemwide-Systemwide-Alameda County |
| 927 | Capital | Base | N | 35415 | 31101185 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-0808-05 ILI UPGRADE MP 0.00-0.85 | Engineering/Permitting | 7/14/2015 | 3/8/2016 | 4/22/2016 | 4/5/2016 | N | N | N | | | | | | | N | Systemwide-Systemwide-Alameda County |
| 928 | Capital | Base | N | 35416 | 31101189 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-300A MP 200.03-256.31 | Construction | 7/29/2015 | 3/22/2016 | 5/4/2016 | 4/19/2016 | N | N | N | 22,299 | 22,293 | 22,293 | | N | | N | Hinkley-Kern-Kings County |
| 929 | Capital | Base | N | 35417 | 31101190 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-300B MP 203.07-256.64 | Construction | 7/29/2015 | 3/8/2016 | 4/25/2016 | 4/6/2016 | N | N | N | 21,403 | 21,403 | 21,403 | | N | | N | Hinkley-Kern-Kings County |
| 930 | Capital | Base | N | 35418 | 31101191 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-310-20/310-3 ILI UPGR MP 0/0-0.87/1.36 | Engineering/Permitting | 7/14/2015 | 3/8/2016 | 4/20/2016 | 4/8/2016 | N | N | N | | | | | N | | N | Systemwide-Systemwide-San Joaquin County |
| 931 | Capital | Base | N | 35419 | 31101192 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | UNIT COST CORRECTION FOR ILI UPGR PROJS | Engineering/Permitting | 9/2/2014 | 9/2/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | | | N | Systemwide-Systemwide-Multiple Counties |
| 932 | Capital | Base | N | 37004 | 31122713 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | RT-131 L-21E MP 80.11 REPL 20FT OF 12IN | Close-Out | 12/1/2014 | 4/7/2015 | 9/18/2015 | 4/27/2015 | N | N | Y | 425,687 | 425,692 | 425,692 | | | | N | Local Trans-North-[illegible] Co |
| 933 | Capital | Base | N | 37896 | 31135294 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | GT ID-49-2 L-300B MP 351.12 | Close-Out | 2/9/2015 | 2/13/2015 | 3/27/2015 | 3/14/2015 | Y | N | Y | 421,357 | 421,357 | 421,357 | | | | N | [illegible]-Kings County |
| 934 | Capital | Base | N | 37953 | 31136953 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | R-570 L-147 MP 3.35 ILI CUT OUT (RT) | Close-Out | 3/1/2015 | 4/21/2015 | 7/17/2015 | 5/18/2015 | Y | N | N | 849,048 | 849,048 | 849,048 | | | | N | Systemwide-Systemwide-Multiple Counties |
| 935 | Capital | Base | N | 37660 | 31140030 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-1200-18 ILI UPGRADE MP 0.00-3.60 | Construction | 7/18/2015 | 7/23/2016 | 9/19/2016 | 8/9/2016 | N | N | N | 1,139 | 1,139 | 780,633 | | N | | N | Systemwide-Systemwide-Fresno County |
| 936 | Capital | Base | N | 38807 | 31181832 | 98 | GT Integrity Managem | 95C | ILI Upgrade Pipeline | 5525870-PIPELINE INTEGRITY MANAGEMENT PROGRAM | L-114/131 PIGGABLE WYE | Construction | 6/26/2015 | 9/1/2015 | 8/12/2016 | 8/12/2016 | Y | N | N | 623 | 623 | 300,628 | | | | N | Tracy-Diablo-Contra Costa County |
| 1 | Expense | Base | Y | 23463 | P.03632 | 34 | Maint Gas Trans-Subs | JMA | Stan-Pac Expense | 8600121-STANPAC EXPENSE | Backbone Pipe Projects 2011-2012 | Construction | 7/20/2011 | 7/11/2016 | 8/9/2016 | / / | N | Y | N | 55,285 | 880,162 | 1,380,313 | | N/A | | N/A | Rio Vista-Solano County |
| 2 | Expense | Base | Y | 28265 | 07001881 | 34 | Maint Gas Trans-Subs | JMA | Stan-Pac Expense | 8600121-STANPAC EXPENSE | SPKZ 7-279-13 MP 6.43 TO 6.83 | Close-Out | 11/13/2012 | 3/8/2013 | 6/5/2013 | 8/1/2013 | N | N | N | 7,060 | 1,469,272 | 1,469,272 | | N/A | | N/A | Los Medanos-Diablo-Contra Costa County |
| 3 | Expense | Base | Y | 30827 | 07002221 | 34 | Maint Gas Trans-Subs | JMA | Stan-Pac Expense | 8600121-STANPAC EXPENSE | SP-3 MP 157-198 DIRECT EXAM & REPAIR | Close-Out | 3/27/2014 | 2/17/2015 | 3/11/2015 | 2/20/2015 | N | N | Y | 887,787 | 1,069,089 | 1,069,089 | | N/A | | N/A | Los Medanos-Bay Region-Contra Costa County |
| 4 | Expense | Base | Y | 31087 | 07001801 | 34 | Maint Gas Trans-Subs | JMA | Stan-Pac Expense | 8600121-STANPAC EXPENSE | GT SP3 PEST 0.35MI MP 174.04-174.33 PH1 | Close-Out | 4/4/2014 | 6/4/2014 | 8/8/2014 | 8/28/2014 | N | N | N | 29,674 | 1,928,943 | 1,928,943 | | N/A | | N/A | Local Trans-North-Diablo-Contra Costa County |
| 5 | Expense | Base | Y | 10320 | 6004434 | CM | GT Operate System | DMA | GT Operate System | 5000086-GT OPERATIONAL FACILITIES | CONTROL ROOM MANAGEMENT | Construction | 12/1/2010 | 12/1/2010 | 7/29/2016 | 7/29/2016 | N | Y | N | 77,483 | 685,080 | 685,680 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 6 | Expense | Base | Y | 25306 | 07001321 | 34 | Maint Gas Trans-Subs | JMA | Stan-Pac Expense | 8600121-STANPAC EXPENSE | SP-3 MP 167.34-196.10 ILI RE-INSPECTION | Close-Out | 6/29/2011 | 10/17/2013 | 10/14/2013 | 2/12/2014 | N | Y | N | 1,446 | 3,534,551 | 3,534,551 | | N/A | | N/A | Los Medanos-Diablo-Contra Costa County |
| 7 | Expense | Base | Y | 18041 | 6008883 | CM | GT Operate System | DMA | GT Operate System | 5000086-GT OPERATIONAL FACILITIES | CORE LOAD FORECAST SYSTEM | Construction | 6/1/2008 | 6/1/2008 | 12/31/2017 | 12/31/2016 | N | Y | N | 39,474 | 872,080 | 872,080 | | N/A | | N/A | Systemwide-Systemwide |
| 8 | Expense | Base | Y | 21821 | 41183000 | GP | Gas Trans & Dist Ops | GFP | Production Mapping F | 5020153-GT PAINTING & COATING MAINTENANCE | GT LOCAL TRANS. COMMON MAPPING | Close-Out | 1/1/2012 | 1/1/2012 | 12/31/2022 | 12/31/2022 | N | Y | N | 1,357,006 | 5,256,662 | 6,278,652 | | N/A | | N/A | Systemwide-Systemwide |
| 9 | Expense | Base | Y | 32879 | 42138851 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5268417-AC MITIGATION-SPANS | L-300A MP438.14 RECOAT/REPAINT SPAN | Construction | 7/7/2014 | 4/27/2016 | 8/18/2016 | / / | N | Y | N | 4,125 | 16,405 | 365,405 | | N/A | | N/A | Milpitas-Milpitas-Central Coast-Santa Clara County |
| 10 | Expense | Base | Y | 32856 | 42138824 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5268417-AC MITIGATION-SPANS | L-300B MP428.0 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/7/2014 | 4/25/2016 | 8/19/2016 | / / | N | Y | N | 2,474 | 14,004 | 344,004 | | N/A | | N/A | Milpitas-Milpitas-Central Coast-Santa Clara County |
| 11 | Expense | Base | Y | 35133 | 42194753 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5262527-L-184 MP 1.39 - 1.4 TED SAR SPAN_925 | L-184 MP1.39 - 1.4 REPAINT SPAN | Construction | 9/23/2014 | 12/1/2016 | 1/5/2016 | / / | N | Y | N | 6,374 | 16,462 | 345,452 | | N/A | | N/A | Tracy-Fresno County |
| 12 | Expense | Base | Y | 35134 | 42194794 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5262521-L-184 MP 1.8-1.82 TED SAR SPAN_824 | L-184 MP1.8 - 1.82 REPAINT SPAN | Construction | 9/23/2014 | 12/1/2015 | 1/5/2016 | / / | N | Y | N | 6,604 | 15,881 | 345,881 | | N/A | | N/A | [illegible]-Fresno-Fresno County |
| 13 | Expense | Base | Y | 35135 | 42194780 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5262523-L-1258 MP 2.05-2.07 TED SAR SPAN_817 | L-1258 MP2.05 - 2.07 REPAINT SPAN | Construction | 9/23/2014 | 7/23/2015 | 3/13/2016 | / / | N | Y | N | 1,761 | 2,783 | 332,783 | | N/A | | N/A | Tracy-Stockton-San Joaquin County |
| 14 | Expense | Base | Y | 35702 | 42193780 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5262524-L-057A-4601 MP 0.01 - 0.01 RECOAT SPN_459 | L-057A-4601 MP0.01 TO 0.01 REPAINT SPAN | Construction | 9/1/2014 | 12/1/2015 | 12/18/2015 | / / | N | Y | N | 3,157 | 3,401 | 333,401 | | N/A | | N/A | Modesto-Merced-Stockton-San Joaquin County |
| 15 | Expense | Base | Y | 35683 | 42197012 | GJ | Gas Transmission MB | GJC | AC Mitigation-Spans | 5262525-L-401 MP 385.645-385.663 TED SAR S_582 | L401 MP 385.645 TO 385.683 REPAINT SPAN | Construction | 10/1/2014 | 12/1/2015 | 1/5/2016 | / / | N | Y | N | 4,754 | 11,717 | 341,717 | | N/A | | N/A | Tracy-San Joaquin County |
| 16 | Expense | Base | Y | 17182 | 40794937 | GM | Manage Energy Effici | GMD | CNG/LNG Portable | 5010514-PIPELINE HYDROTESTS , UPRATES , CNG/LNG | L114 HYDRO TEST MP 16.4 TO 17.4 | Construction | 8/1/2008 | 8/1/2008 | 8/19/2016 | 8/18/2016 | N | Y | N | 1,680 | 24,611 | 524,611 | | N/A | | N/A | Tracy-Diablo |
| 17 | Expense | Base | Y | 10310 | 40765071 | GM | Manage Energy Effici | GMD | CNG/LNG Portable | 5010514-PIPELINE HYDROTESTS , UPRATES , CNG/LNG | PEAK SHAVING PROGRAM MED | Construction | 2/1/2007 | 2/1/2007 | 12/31/2016 | 12/31/2016 | N | Y | N | 1,109,190 | 7,889,253 | 9,818,653 | | N/A | | N/A | Local Trans-Systemwide |
| 18 | Expense | Base | Y | 22748 | 41471867 | GM | Manage Energy Effici | GMD | CNG/LNG Portable | 5010514-PIPELINE HYDROTESTS , UPRATES , CNG/LNG | [illegible] WALERGA RD DREG UPRATE- EXPENSE | Close-Out | 1/5/2013 | 7/17/2013 | 7/20/2013 | 7/20/2013 | N | N | N | 520 | 843,694 | 843,694 | | N/A | | N/A | Local Trans-North-Sacramento-Sacramento County |
| 19 | Expense | Base | Y | 31210 | 42178503 | GM | Manage Energy Effici | GMD | CNG/LNG Portable | 5010514-PIPELINE HYDROTESTS , UPRATES , CNG/LNG | L-105N HYDROTEST 4 TAP LINES | Construction | 3/5/2014 | 8/1/2014 | 3/31/2016 | 3/31/2016 | N | N | N | | 132 | 132 | | N/A | | N/A | Local Trans-North-Mission-Alameda County |
| 20 | Expense | Base | Y | 22801 | P.03613 | HP | CGT Balancing Accoun | HPD | Integrity Manage Co | 5010216-HPD | LTIMP [illegible] Program 2011 | Construction | 4/1/2011 | 4/1/2011 | 7/8/2016 | 7/8/2016 | N | Y | N | 597 | 1,908,550 | 1,908,550 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 21 | Expense | Base | Y | 22735 | P.03080 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 6010216-HPC | 2012 ECDA Program | Construction | 8/27/2012 | 10/3/2012 | 6/1/2014 | 10/24/2012 | N | N | N | -125 | 41,070,430 | 41,070,430 | | N/A | | N/A | Systemwide-Systemwide-Sacramento County |
| 22 | Expense | Base | Y | 22795 | 41402083 | HP | CGT Balancing Accoun | HPD | Integrity Manage Co | 5010216-HPD | RECTIFIER REMOTE MONITOR SVC FEE | Construction | 2/10/2011 | 4/1/2011 | 12/31/2015 | 12/31/2015 | N | Y | N | 313 | 534,759 | 534,759 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 23 | Expense | Base | Y | 23002 | 41448070 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-108 MP 11.70- 38.88 PRESSURE INCREASE | Close-Out | 1/18/2011 | 8/1/2011 | 7/10/2012 | 7/10/2012 | N | N | N | 13,250 | 285,197 | 285,197 | | N/A | | N/A | Local Trans-North-Stockton-Multiple Counties |
| 24 | Expense | Base | Y | 23004 | 41448650 | HP | CGT Balancing Accoun | HPL | Risk Management | 5230750-RISK MANAGEMENT | ROOT CAUSE ANALYSES | Construction | 1/18/2011 | 1/1/2011 | 12/28/2015 | 12/29/2016 | N | Y | N | 1,224,745 | 2,651,431 | 2,651,431 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 25 | Expense | Base | Y | 23073 | 41448007 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-108 MP 0.00 - 37.12 PIGGING & ANALYSIS | Close-Out | 1/18/2011 | 8/1/2011 | 7/13/2012 | 7/13/2012 | N | N | N | 3,359 | 1,863,258 | 1,863,258 | | N/A | | N/A | Local Trans-North-Stockton-Multiple Counties |
| 26 | Expense | Base | Y | 23075 | 41448009 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-300B MP256.64-258.0 PIGGING & ANALYSIS | Close-Out | 1/19/2011 | 7/1/2011 | 12/31/2012 | 12/31/2012 | N | N | N | 1,157 | 1,049,511 | 1,049,511 | | N/A | | N/A | L300-South-Kern-Multiple Counties |
| 27 | Expense | Base | Y | 23079 | 41448032 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-109N MP 7.79-32.89 PIGGING & ANALYSIS | Close-Out | 1/1/2011 | 7/6/2012 | 8/1/2013 | 6/12/2013 | N | N | N | 15,769 | 2,856,918 | 2,856,918 | | N/A | | N/A | Local Trans-North-Mission-Multiple Counties |
| 28 | Expense | Base | Y | 23083 | 41448075 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-177A MP 65.60-165.04 DIRECT EXAM & REP | Close-Out | 1/18/2011 | 4/1/2011 | 9/4/2013 | 9/4/2013 | N | N | N | 9,289 | 3,235,638 | 3,235,638 | | N/A | | N/A | Local Trans-North-North Coast-[illegible]-Multiple Coun |
| 29 | Expense | Base | Y | 35144 | P.03824 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-300 MP 138.43-150.15 DIRECT EXAM & REP | Close-Out | 1/1/2011 | 1/1/2011 | 4/22/2014 | 4/22/2014 | N | N | N | 985 | 1,065,883 | 1,065,883 | | N/A | | N/A | Milpitas-Bay-San Jose-Multiple Counties |
| 30 | Expense | Base | Y | 25753 | P.03830 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-215 Mp 53.13-114.89 Direct Exam & Rep | Close-Out | 1/1/2011 | 1/1/2011 | 8/21/2013 | 8/21/2013 | N | N | N | 157 | 2,295,840 | 2,295,840 | | N/A | | N/A | Local Trans-North-North Coast-[illegible]-Multiple |
| 31 | Expense | Base | Y | 23229 | P.03947 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-303 ILI 0.00-42.89 Direct Exam & Repai | Construction | 1/31/2008 | 2/1/2011 | 5/28/2011 | 5/28/2011 | N | N | N | | 1,079,313 | 1,081,571 | | N/A | | N/A | Tracy-Milpitas-Multiple Counties |
| 32 | Expense | Base | Y | 34585 | 41604328 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-142S MP 0.00-6.01 ILI DIRECT EXAM&REPA | Close-Out | 11/28/2011 | 12/1/2011 | 12/31/2012 | 12/31/2012 | N | N | N | 10,750 | 555,970 | 555,970 | | N/A | | N/A | Local Trans-South-Kern-Kern County |
| 33 | Expense | Base | Y | 34610 | 41604330 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-57A MP0.48-16.68 ILI DIRECT EXAM & REP | Close-Out | 11/28/2011 | 9/1/2013 | 3/28/2013 | 3/18/2013 | N | N | N | 3,413 | 2,412,980 | 2,412,080 | | N/A | | N/A | Tracy-Diablo-San Joaquin County |
| 34 | Expense | Base | Y | 24610 | P.03823 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023526-HPI | L-105N MP 7.79-32.86 DIRECT EXAM & REPAI | Close-Out | 1/2/2012 | 3/26/2014 | 4/4/2014 | 3/11/2014 | N | N | N | 2,316 | 1,009,678 | 1,009,678 | | N/A | | N/A | Local Trans-North-Mission-Alameda County |
| 35 | Expense | Base | Y | 25301 | 41604803 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-576 MP 0.00-16.00 ILI RE-INSPECTION | Close-Out | 1/5/2012 | 6/8/2013 | 7/29/2013 | 6/28/2013 | N | N | N | 25,300 | 980,782 | 980,782 | | N/A | | N/A | Modesto-Merced-Diablo |
| 36 | Expense | Base | Y | 25302 | 41604848 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010214-HPB | L-210E MP 19.48-32.11 PIGGING & ANALYSIS | Close-Out | 1/5/2012 | 5/31/2013 | 12/25/2013 | 8/18/2013 | N | N | N | 7,017 | 1,482,231 | 1,482,231 | | N/A | | N/A | Local Trans-North-North Bay-[illegible] |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PCRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project kept in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 37 | Expense | Base | Y | 25303 | 41032471 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-401 MP 82.34-149.18 PIGGING & ANALYSIS | Close-Out | 6/13/2014 | 8/23/2014 | 9/12/2015 | 8/20/2014 | N | Y | N | -1,739 | 2,188,761 | 2,188,761 | | N/A | | N/A | Burney-North Valley |
| 38 | Expense | Base | Y | 25305 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-153 MP 0.00-17.85 ILI RE-INSPECTION | Close-Out | 6/18/2013 | 6/10/2014 | 10/9/2014 | 7/14/2014 | N | N | N | 13,940 | 2,134,132 | 2,134,132 | | N/A | | N/A | Local Trans-north-Mission |
| 39 | Expense | Base | Y | 25308 | 41032484 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-109 MP 0.00-43.47 PIGGING & ANALYSIS | Construction | 5/29/2015 | 4/1/2016 | 4/29/2016 | 4/29/2016 | Y | Y | N | 994 | 1,794 | 5,154,305 | | N/A | | N/A | Local Trans-south-Peninsula |
| 40 | Expense | Base | Y | 25311 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-1030 MP 0.00-11.61 ILI RE-INSPECTION | Close-Out | 4/10/2014 | 5/6/2014 | 6/28/2014 | 5/18/2014 | N | N | N | 114 | 1,859,597 | 1,859,597 | | N/A | | N/A | Local Trans-north-East Bay-north |
| 41 | Expense | Base | Y | 25312 | 41012344 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-2 MP 122.18-156.00 ILI RE-INSPECTION | Close-Out | 7/5/2012 | 8/6/2013 | 8/1/2013 | 8/1/2013 | N | N | N | 187 | 1,699,397 | 1,699,397 | | N/A | | N/A | Tracy-Stockton |
| 42 | Expense | Base | Y | 25313 | 41012336 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-2 MP 43.45-118.20 ILI RE-INSPECTION | Close-Out | 8/7/2014 | 1/19/2015 | 4/17/2015 | 3/18/2015 | N | Y | N | 1,090,035 | 1,847,435 | 1,847,435 | | N/A | | N/A | Tracy-Yosemite-Merced County |
| 43 | Expense | Base | Y | 25314 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-21E MP 89.59-95.50 ILI RE-INSPECTION | Close-Out | 8/7/2013 | 11/27/2013 | 6/10/2014 | 3/13/2014 | N | N | N | -1,180 | 1,256,638 | 1,256,638 | | N/A | | N/A | Local Trans-north-North Coast-agency Area |
| 44 | Expense | Base | Y | 25315 | 41015111 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-21D MP 16.04-31.59 PIGGING & ANALYSIS | Close-Out | 1/2/2015 | 3/17/2015 | 8/12/2015 | 3/31/2015 | Y | Y | N | 694,545 | 868,659 | 868,659 | | N/A | | N/A | Local Trans-north-North Coast-agency Area |
| 45 | Expense | Base | Y | 25316 | 41019284 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | DGT1 L-303 MP 0.00-43.89 ILI RE-INSPECT | Close-Out | 12/11/2014 | 3/23/2015 | 8/17/2015 | 3/9/2015 | N | Y | N | 1,655,142 | 1,727,778 | 1,727,778 | | N/A | | N/A | Tracy-Mission |
| 46 | Expense | Base | Y | 25317 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-114 MP 9.03-19.59 ILI RE-INSPECTION | Close-Out | 12/4/2013 | 6/11/2014 | 8/9/2014 | 5/30/2014 | N | N | N | 3,394 | 1,253,315 | 1,253,315 | | N/A | | N/A | Tracy-Diablo |
| 47 | Expense | Base | Y | 25318 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-57C MP 0.00-8.04 PIGGING & ANALYSIS | Close-Out | 5/19/2014 | 7/14/2014 | 9/23/2014 | 7/18/2014 | N | N | N | 3,750 | 846,660 | 846,660 | | N/A | | N/A | Mcdonald Island-Stockton |
| 48 | Expense | Base | Y | 25323 | 41018091 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | HPB6 L-400 MP 82.33-142.81 PIGING & ANA | Construction | 8/19/2015 | 9/6/2016 | 11/18/2015 | 8/16/2015 | Y | Y | N | 350,847 | 382,723 | 382,723 | | N/A | | N/A | Burney-north Valley |
| 49 | Expense | Base | Y | 25325 | P.03872 | HP | CGT Balancing Account | HPG | Casing Mitigation | 50223763HPG | Remediate Corrosion Cased Crossings | Construction | 3/1/2014 | 4/1/2014 | 10/8/2015 | 10/8/2015 | N | N | Y | 9,620 | 6,307,953 | 6,307,953 | | N/A | | N/A | Local Trans-north-East Bay-south-Alameda County |
| 50 | Expense | Base | Y | 25426 | 41036256 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50226219HPI | GT L-131 MP24.85-50.57 ILI DIRECT EXAMS | Close-Out | 12/1/2011 | 10/1/2011 | 1/16/2014 | 1/16/2014 | N | N | N | 29,795 | 5,072,284 | 5,072,284 | | N/A | | N/A | Tracy-Mission |
| 51 | Expense | Base | Y | 25776 | 81110259 | HP | CGT Balancing Account | HPA | Integrity Manage Oth | 50100134HPA | BLACKSMITH CONSULTING SURE/PIPELINE MTG | Close-Out | 12/21/2011 | 8/1/2012 | 1/29/2015 | 1/29/2015 | N | N | Y | -6,602 | 152,908 | 152,908 | | N/A | | N/A | Sacramento-Sacramento-San Francisco County |
| 52 | Expense | Base | Y | 25494 | 42085222 | HP | CGT Balancing Account | HPQ | HPA Safety Work | 50256432-EP & PA TMP 2015 | PGP PUBLIC SAFETY AWARENESS PROG | Construction | 1/1/2014 | 1/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 451,527 | 4,255,404 | 4,255,404 | | N/A | | N/A | Sacramento-Sacramento-Multiple Counties |
| 53 | Expense | Base | Y | 25334 | 41050041 | HP | CGT Balancing Account | HPD | Integrity Manage Cor | 50100164HPD | MCDONALD ISLAND IC INVESTIGATION | Close-Out | 3/1/2013 | 4/1/2013 | 10/8/2014 | 10/8/2014 | N | N | N | 19,985 | 427,454 | 427,454 | | N/A | | N/A | Mcdonald Island-San Joaquin County |
| 54 | Expense | Base | Y | 25336 | 41050045 | HP | CGT Balancing Account | HPD | Integrity Manage Cor | 50100164HPD | PLEASANT CREEK IC INVESTIGATION | Close-Out | 3/1/2012 | 4/1/2013 | 10/24/2014 | 10/24/2014 | N | N | N | 650 | 273,290 | 273,290 | | N/A | | N/A | Los Medanos-Yolo County |
| 55 | Expense | Base | Y | 25849 | P.02823 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50223529HPI | L-57B MP 0.00-10.40 DIRECT EXAM & REPAIR | Close-Out | 5/29/2013 | 5/6/2014 | 6/17/2014 | 6/18/2014 | N | N | N | 14,375 | 714,772 | 714,772 | | N/A | | N/A | Mcdonald Island-Stockton-San Joaquin County |
| 56 | Expense | Base | Y | 25947 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-300A MP 430.83-502.43 ILI RE-INSPECT | Close-Out | 8/18/2013 | 3/6/2014 | 6/23/2014 | 3/14/2014 | N | N | N | -891 | 1,894,850 | 1,894,850 | | N/A | | N/A | Milpitas-Hollister-San Jose-Santa Clara County |
| 57 | Expense | Base | Y | 25951 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-1323 MP 0.00-81.50 PIGGING & ANALYSIS | Construction | 8/18/2015 | 9/10/2015 | 12/28/2015 | 9/28/2015 | N | Y | N | 67,523 | 68,142 | 108,142 | | N/A | | N/A | Local Trans-south-Peninsula-Santa Clara County |
| 58 | Expense | Base | Y | 25955 | P.05823 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50223529HPI | L-300B MP 450-502 DIRECT EXAM & REPAIR | Close-Out | 5/22/2013 | 2/13/2014 | 3/12/2014 | 2/10/2014 | N | N | N | 1,940 | 737,255 | 737,255 | | N/A | | N/A | Milpitas-Hollister-San Jose-Santa Clara County |
| 59 | Expense | Base | Y | 25958 | P.05823 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50223529HPI | L-2 MP 122.18-156.00 DIRECT EXAM & REPAI | Close-Out | 6/18/2013 | 8/16/2014 | 6/6/2016 | 3/27/2016 | N | N | Y | 453,401 | 552,426 | 552,426 | | N/A | | N/A | Tracy-Stockton-San Joaquin County |
| 60 | Expense | Base | Y | 26606 | 41061365 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50224234HPI | L-153 MP 0.00-17.85 DIRECT EXAM & REPAIR | Construction | 4/29/2014 | 6/1/2016 | 7/6/2016 | 6/6/2016 | N | Y | N | 29,276 | 29,731 | 1,051,182 | | N/A | | N/A | Local Trans-north-Mission-Alameda County |
| 61 | Expense | Base | Y | 26771 | Multi | HP | CGT Balancing Account | HPD | Integrity Manage Cor | 50100164HPD | Convert PIS to unlisted unsettable | Engineering/Permitting | 7/15/2013 | 7/1/2015 | 1/30/2017 | 1/30/2017 | N | N | N | | | 600,000 | | N/A | | N/A | Sacramento-Sacramento |
| 62 | Expense | Base | Y | 26843 | 81207190 | HP | CGT Balancing Account | HPN | Long Term Integrity | 50223829HPN | CONTINUAL EVALUATION | Construction | 1/1/2013 | 1/1/2013 | 12/29/2015 | 12/29/2015 | N | Y | N | 28,382 | 686,765 | 686,765 | | N/A | | N/A | Sacramento-Sacramento-Multiple Counties |
| 63 | Expense | Base | Y | 25978 | P.05227 | HP | CGT Balancing Account | HPN | TIMP Digs - ECDA | 50025571-ECDA DIGS (PMD) | 2014 ECDA Program WBS | Construction | 5/13/2014 | 4/25/2014 | 9/18/2014 | 9/8/2014 | N | N | N | 920,852 | 26,294,225 | 26,294,225 | | N/A | | N/A | Sacramento-Sacramento-Santa Clara County |
| 64 | Expense | Base | Y | 27358 | 81208975 | HP | CGT Balancing Account | HPA | Integrity Manage Oth | 50100134HPA | STRUCTURE DIGITIZATION FOR HCA/CLASS LOC | Close-Out | 5/1/2012 | 5/1/2012 | 1/26/2015 | 1/26/2015 | N | N | Y | 12,578 | 2,797,104 | 2,797,104 | | N/A | | N/A | Local Trans-Sacramento-Multiple Counties |
| 65 | Expense | Base | Y | 27508 | P.02841 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-300A MP 380.63-458.64 ILI RE-INSPECT | Close-Out | 5/10/2013 | 12/9/2013 | 5/14/2014 | 2/19/2014 | N | N | N | 5,941 | 1,660,446 | 1,660,446 | | N/A | | N/A | Milpitas-Hollister-Santa Clara County |
| 66 | Expense | Base | Y | 27610 | 41720894 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-172A MP 40.07-69.01 ILI RE-INSPECTION | Close-Out | 1/7/2013 | 9/9/2013 | 11/1/2013 | 9/28/2013 | N | N | N | 17,628 | 1,370,634 | 1,370,634 | | N/A | | N/A | Meridian-Sierra-Sacramento County |
| 67 | Expense | Base | Y | 27611 | P.05823 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50223234HPI | DT L-172A MP 40.07-69.01 DIRECT EXAM & R | Construction | 12/12/2013 | 6/11/2015 | 6/19/2015 | 6/10/2015 | N | Y | N | 77,843 | 130,881 | 130,881 | | N/A | | N/A | Meridian-Sierra-Sacramento County |
| 68 | Expense | Base | Y | 28191 | P.05841 | HP | CGT Balancing Account | HPJ | ECDA - Pipeline | 50226627HPJ | ECDA Peninsula WBS 2012 | Close-Out | 5/1/2013 | 5/7/2012 | 3/19/2013 | 3/19/2013 | N | N | N | 4,113 | 8,134,394 | 8,134,394 | | N/A | | N/A | Local Trans-south-Peninsula-Santa Clara County |
| 69 | Expense | Base | Y | 28671 | 41752023 | HP | CGT Balancing Account | HPR | Repairs / Replace + | 50225534HPR | L-057A DINS IN PIPE AT INDIAN SLOUGH | Close-Out | 10/1/2012 | 10/17/2012 | 8/20/2013 | 6/20/2013 | N | N | N | 7,789 | 324,318 | 324,318 | | N/A | | N/A | Tracy-Contra Costa County |
| 70 | Expense | Base | Y | 28673 | P.04394 | HP | CGT Balancing Account | HPN | TIMP Digs - ECDA | 60025571-ECDA DIGS (PMD) | 2013 ECDA Program WBS | Construction | 1/1/2013 | 1/1/2013 | 6/11/2015 | 6/11/2015 | N | Y | N | 232,534 | 25,329,286 | 25,329,286 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Cruz County |
| 71 | Expense | Base | Y | 29398 | P.04848 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 60226529HPI | 2013 DJ Direct Examination & Repair WBS | Close-Out | 4/18/2012 | 8/1/2012 | 7/22/2014 | 7/22/2014 | N | N | N | 241,062 | 11,071,001 | 11,071,001 | | N/A | | N/A | Local Trans-north-North Coast-ukiah-Mendocino Coun |
| 72 | Expense | Base | Y | 29874 | 41061878 | HP | CGT Balancing Account | HPL | Risk Management | 50057160-RISK MANAGEMENT | M DATA VALIDATION & ANALYSIS | Construction | 2/1/2013 | 2/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 75,098 | 629,779 | 629,779 | | N/A | | N/A | Sacramento-Sacramento |
| 73 | Expense | Base | Y | 30257 | 41060851 | HP | CGT Balancing Account | HPL | Risk Management | 50057160-RISK MANAGEMENT | FRACTURE CONTROL | Construction | 4/1/2013 | 4/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 57,747 | 478,995 | 478,995 | | N/A | | N/A | Local Trans-Sacramento-Multiple Counties |
| 74 | Expense | Base | Y | 30243 | 41084070 | HP | CGT Balancing Account | HPL | Risk Management | 50057160-RISK MANAGEMENT | ANNUAL GEOSCIENCE WORK FOR GAS T&D | Construction | 4/1/2013 | 4/1/2013 | 12/28/2015 | 12/28/2015 | N | Y | N | 65,944 | 297,230 | 297,230 | | N/A | | N/A | Sacramento-Sacramento-Multiple Counties |
| 75 | Expense | Base | Y | 30468 | 41080803 | HP | CGT Balancing Account | HPD | Integrity Manage Cor | 50100164HPD | GT&S RATE CASE - CORROSION | Construction | 5/1/2013 | 5/1/2013 | 12/30/2016 | 12/30/2016 | N | Y | N | 1,349 | 734,945 | 734,945 | | N/A | | N/A | Sacramento-Sacramento-Multiple Counties |
| 76 | Expense | Base | Y | 30830 | P.05823 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 60026529HPI | L-210C MP 19.5-32.1 DIRECT EXAM & REPAIR | Close-Out | 10/28/2013 | 6/6/2014 | 6/6/2014 | 5/19/2014 | N | N | N | 16,578 | 255,637 | 255,637 | | N/A | | N/A | Local Trans-north-North Bay-Petaluma-Sonoma Co |
| 77 | Expense | Base | Y | 31034 | P.05773 | HP | CGT Balancing Account | HPJ | ECDA - Pipeline | 50226627HPJ | 2014 ECDA PROJECT L-101 | Close-Out | 12/2/2013 | 12/22/2014 | 11/10/2014 | 12/23/2014 | N | N | N | -7,660 | 321,039 | 321,039 | | N/A | | N/A | Local Trans-south-Peninsula-Multiple Counties |
| 78 | Expense | Base | Y | 31040 | P.05773 | HP | CGT Balancing Account | HPO | TIMP Digs - ECDA | 50200040-ECDA DIGS (PMD) | 2014 ECDA PROJECT L-118 | Close-Out | 12/2/2013 | 12/19/2014 | 7/16/2015 | 1/26/2015 | N | Y | N | 1,290,485 | 2,744,009 | 2,744,009 | | N/A | | N/A | Local Trans-south-Yosemite-Multiple Counties |
| 79 | Expense | Base | Y | 31043 | P.05773 | HP | CGT Balancing Account | HPO | TIMP Digs - ECDA | 50200040-ECDA DIGS (PMD) | 2014 ECDA PROJECT L-148 | Close-Out | 12/2/2013 | 11/6/2014 | 2/4/2015 | 11/13/2014 | N | N | Y | 580,043 | 1,375,225 | 1,375,225 | | N/A | | N/A | Local Trans-south-Yosemite-Multiple Counties |
| 80 | Expense | Base | Y | 31048 | P.05773 | HP | CGT Balancing Account | HPO | TIMP Digs - ECDA | 50200040-ECDA DIGS (PMD) | 2014 ECDA PROJECT L-300 | Construction | 12/2/2013 | 6/17/2015 | 8/25/2015 | 4/25/2015 | N | Y | N | 1,052,510 | 1,672,832 | 1,672,832 | | N/A | | N/A | Local Trans-Sacramento-Multiple Counties |
| 81 | Expense | Base | Y | 31075 | P.05774 | HP | CGT Balancing Account | HPP | TIMP Digs - SCCDA | 60212089-SCCDA DIGS (PMD) | 2014 SCCDA L-300 | Construction | 12/2/2013 | 2/13/2015 | 10/20/2016 | 12/1/2015 | N | Y | N | -42,608 | 300,400 | 300,400 | | N/A | | N/A | Local Trans-south-Yosemite-Multiple Counti |
| 82 | Expense | Base | Y | 31082 | 43107322 | HP | CGT Balancing Account | HPI | DJ - Direct Exam | 50226529HPI | IMMEDIATE DIGS FOR 2014 PIG RUNS | Close-Out | 3/4/2014 | 6/13/2014 | 5/24/2014 | 6/18/2014 | N | N | N | 399,060 | 4,925,837 | 4,925,837 | | N/A | | N/A | Local Trans-Sacramento-Multiple Counties |
| 83 | Expense | Base | Y | 31089 | P.05163 | HP | CGT Balancing Account | HPJ | ECDA - Pipeline | 50226627HPJ | 2013 ECDA - System Wide - WBS | Close-Out | 3/1/2013 | 3/1/2013 | 12/9/2013 | 12/9/2013 | N | N | N | 7,230 | 7,677,347 | 7,677,347 | | N/A | | N/A | Local Trans-north-Sierra-Placer County |
| 84 | Expense | Base | Y | 31127 | 41511629 | HP | CGT Balancing Account | HPA | Integrity Manage Oth | 50100134HPA | L-132/L-109 PRESSURE RESTORATION | Close-Out | 6/1/2013 | 6/1/2013 | 7/31/2013 | 7/31/2013 | N | N | N | | 230,797 | 230,797 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Clara County |
| 85 | Expense | Base | Y | 31547 | 42087183 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-1003-18 MP 2.59-4.50 PIGGING & ANALYSIS | Construction | 3/25/2015 | 9/10/2015 | 12/31/2015 | 11/24/2015 | Y | Y | N | 130,377 | 180,371 | 180,371 | | N/A | | N/A | Local Trans-south-Peninsula-Fresno County |
| 86 | Expense | Base | Y | 31648 | 42086779 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-7B MP 45.58-60.63 PIGGING & ANALYSIS | Construction | 4/4/2015 | 9/17/2015 | 12/9/2015 | 4/8/2015 | Y | Y | N | 78,252 | 78,976 | 78,976 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 87 | Expense | Base | Y | 32334 | 41061020 | HP | CGT Balancing Account | HPG | Casing Mitigation | 50223763HPG | CASING REMEDIATION L-153 MP 15.4 | Close-Out | 11/1/2013 | 11/1/2013 | 9/28/2016 | 6/28/2016 | N | N | Y | 76 | 1,087,924 | 1,087,924 | | N/A | | N/A | Local Trans-north-Mission-Alameda County |
| 88 | Expense | Base | Y | 32683 | 43114776 | HP | CGT Balancing Account | HPG | Casing Mitigation | 50223763HPG | 2014 CASING ASSET RECONCILIATION | Construction | 8/1/2014 | 8/1/2014 | 7/26/2015 | 7/26/2015 | N | Y | N | 11,448 | 302,457 | 302,457 | | N/A | | N/A | Local Trans-Sacramento-Multiple Counties |
| 89 | Expense | Base | Y | 33080 | 42081857 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | 1984L-134A MP 25.55 NON-TRADITIONAL ILI | Close-Out | 2/3/2014 | 5/3/2014 | 7/30/2014 | 6/7/2014 | N | N | N | 10,030 | 1,924,662 | 1,924,662 | | N/A | | N/A | Local Trans-south-Yosemite-Fresno County |
| 90 | Expense | Base | Y | 33082 | 42081835 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 50100144HPB | L-177A NON-TRADITIONAL ILI MP 0.00-0.10 | Close-Out | 1/24/2014 | 6/17/2014 | 6/20/2014 | 6/21/2014 | N | N | N | 8,591 | 459,438 | 459,438 | | N/A | | N/A | Local Trans-north-North Valley-Butte County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PGEPI Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 120 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Carryover in any Rate Case Work papers (Case Year or Blank)? | Downtown Requirement/ Recommendation (Y/N/ N/A) | District/Division/County |
| 91 | Expense | Base | Y | 33127 | 42203111 | HP | CGT Balancing Accoun | HPC | Integrity Manage CCD | 5019015+HPC | 2014 ECDA IMMEDIATE INDICATIONS | Close-Out | 3/1/2014 | 3/1/2014 | 4/9/2014 | 4/9/2014 | N | N | N | 62,911 | 693,041 | 693,041 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 92 | Expense | Base | Y | 33109 | [illegible] | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014+HPB | L-114 MP 25.00-34.00 PIGGING & ANALYSIS | Construction | 11/26/2014 | 6/26/2015 | 2/19/2016 | 12/30/2016 | N | Y | N | 58,320 | 64,556 | 64,556 | | N/A | | N/A | Local Trans-south-Mission-Alameda County |
| 93 | Expense | Base | Y | 33100 | 42057360 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014+HPB | L-119A MP 0.00-10.49 PIGGING & ANALYSIS | Estimation | 10/9/2014 | 7/29/2016 | 11/19/2016 | 8/19/2016 | N | Y | N | 103,[illegible] | 111,340 | 111,340 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 94 | Expense | Base | Y | 33246 | [illegible] | HP | CGT Balancing Accoun | HPG | Casing Mitigation | 5023783+HPG | ST-438 CASING REMEDIATION 11A MP GL2 | Close-Out | 4/1/2014 | 11/17/2014 | 12/9/2015 | 12/18/2014 | N | N | Y | 142,611 | 582,018 | 582,018 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 95 | Expense | Base | Y | 33292 | 8101858 | HP | CGT Balancing Accoun | HPA | Integrity Manage Oth | 5019013+HPA | INTEGRITY MGMT TEAM COSTS (HPA) | Construction | 2/1/2014 | 2/1/2014 | 12/31/2019 | 12/31/2019 | N | Y | N | 1,257,103 | 4,774,449 | 4,774,449 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 96 | Expense | Base | Y | 33425 | [illegible] | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5010014+HPB | DEVELOP 24"-30" ILI TOOLS | Construction | 4/1/2014 | 4/1/2014 | 12/29/2016 | 12/29/2016 | N | Y | N | 250,022 | 559,617 | 559,617 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 97 | Expense | Base | Y | 33436 | 42121857 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023820+HPI | L-210 MP 64.33-65.55 DIRECT EXAM & REPAI | Construction | 7/2/2014 | 1/26/2016 | 3/1/2016 | 3/2/2016 | N | Y | N | 770,463 | 793,389 | 793,389 | | N/A | | N/A | Local Trans-north-north Coast-Santa Rosa-Sonoma Co |
| 98 | Expense | Base | Y | 33437 | 42101842 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023820+HPI | L-300A MP 305-450 DIRECT EXAM & REPAIR | Close-Out | 2/19/2015 | 3/11/2015 | 5/28/2015 | 5/28/2015 | Y | N | Y | 521,380 | 939,277 | 1,004,277 | | N/A | | N/A | Midpoint-Mojave-Central Coast |
| 99 | Expense | Base | Y | 33443 | 42101781 | HP | CGT Balancing Accoun | HPG | Casing Mitigation | 5023783+HPG | LINE 0807-01 MP 0.45 CASING REMEDIATION | Close-Out | 4/1/2014 | 4/1/2014 | 10/30/2014 | 10/30/2014 | N | N | N | 866 | 345,320 | 345,320 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Clara County |
| 100 | Expense | Base | Y | 33445 | 42101852 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023828+HPI | L-300A MP 450-502 DIRECT EXAM & REPAIR | Construction | 2/19/2015 | 3/1/2015 | 3/1/2016 | 3/6/2016 | Y | Y | N | 37,641 | 39,183 | 39,183 | | N/A | | N/A | Midpoint-Milpitas-San Jose |
| 101 | Expense | Base | Y | 33465 | 42121638 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5023828+HPI | L-101 MP 0.00-11.62 DIRECT EXAM & REPAIR | Close-Out | 4/1/2014 | 4/6/2015 | 4/24/2015 | 4/18/2015 | N | N | Y | 290,176 | 307,250 | 307,250 | | N/A | | N/A | Midpoint-Milpitas-San Jose-Santa Clara County |
| 102 | Expense | Base | Y | 33015 | 42130078 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014+HPB | GT L-118A NON-TRADITIONAL ILI MP 60.00 | Close-Out | 4/21/2014 | 7/14/2014 | 8/18/2014 | 7/28/2014 | N | N | N | 6,934 | 812,709 | 812,709 | | N/A | | N/A | Local Trans-north-Kern-Stanislaus County |
| 103 | Expense | Base | Y | 33943 | 42112254 | HP | CGT Balancing Accoun | HPC | Integrity Manage CCD | 5019016+HPC | EC15-108-1 ET | Construction | 4/1/2014 | 4/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 204,653 | 648,580 | 648,580 | | N/A | | N/A | Systemwide-Systemwide-Alameda County |
| 104 | Expense | Base | Y | 33944 | 42112629 | HP | CGT Balancing Accoun | HPC | Integrity Manage CCD | 5019015+HPC | EC15-119-2 ET | Construction | 4/1/2014 | 4/1/2014 | 12/31/2016 | 12/31/2016 | N | Y | N | 44,574 | 394,113 | 394,113 | | N/A | | N/A | Systemwide-Systemwide-Stanislaus County |
| 105 | Expense | Base | Y | 33878 | 42111280 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | 2014 ECDA EC14-121 | Close-Out | 2/27/2014 | 6/6/2014 | 6/25/2014 | 8/11/2014 | N | N | N | 5,340 | 500,003 | 500,003 | | N/A | | N/A | Systemwide-Systemwide-Yuba County |
| 106 | Expense | Base | Y | 33720 | 8154538 | HP | CGT Balancing Accoun | HPA | Integrity Manage Oth | 5019013+HPA | INTEGRITY MGMT EXPENSE UPDATE COSTS | Construction | 4/1/2014 | 4/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 43,552 | 300,491 | 300,491 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 107 | Expense | Base | Y | 33386 | P.21879 | HP | CGT Balancing Accoun | HPG | Casing Mitigation | 5023783+HPG | CASING TEST STATION INSTALLATIONS WRO | Construction | 5/1/2014 | 5/1/2014 | 8/15/2015 | 8/10/2015 | N | Y | N | 1,016 | 283,758 | 283,758 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 108 | Expense | Base | Y | 33987 | 42132070 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | 2014 IMMEDIATE INDICATIONS DIGS PROJECT | Close-Out | 3/9/2014 | 3/31/2014 | 3/4/2015 | 1/30/2015 | N | N | Y | 844,484 | 4,918,724 | 4,918,724 | | N/A | | N/A | Topock-Multiple Counties |
| 109 | Expense | Base | Y | 33959 | 42724657 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014+HPB | L-147 MP 0.00-3.97 PIGGING & ANALYSIS | Construction | 6/2/2014 | 1/15/2015 | 8/25/2015 | 8/11/2015 | N | Y | N | 1,883,743 | 2,309,492 | 2,618,492 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 110 | Expense | Base | Y | 34025 | 42103743 | HP | CGT Balancing Accoun | HPP | Pipeline Hydrotests | 6021770+HPP | L-300A MP 150.338-153.82 TEST T-1382 | Close-Out | 6/4/2014 | 4/21/2015 | 8/10/2015 | 6/20/2015 | N | Y | N | 1,378,004 | 1,490,103 | 1,490,103 | | N/A | | N/A | Hinkley-Fresno-San Bernardino County |
| 111 | Expense | Base | Y | 34027 | 42152678 | HP | CGT Balancing Accoun | HPP | Pipeline Hydrotests | 5021770+HPP | L-300A MP 186.825-203.00 TEST T-1383 | Construction | 12/28/2014 | 6/17/2015 | 11/25/2015 | 12/23/2015 | N | Y | N | 171,040 | 314,833 | 314,833 | | N/A | | N/A | Local Trans-south-Kern-Kern County |
| 112 | Expense | Base | Y | 34026 | 42163792 | HP | CGT Balancing Accoun | HPP | Pipeline Hydrotests | 6021770+HPP | L-300B MP 354.017-354.087 TEST T-1384 | Construction | 10/3/2014 | 7/27/2015 | 6/29/2016 | 6/14/2016 | N | Y | N | 120,428 | 224,601 | 224,601 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 113 | Expense | Base | Y | 34029 | 42152470 | HP | CGT Balancing Accoun | HPP | Pipeline Hydrotests | 6021770+HPP | L-300B MP 477.03-479.08 TEST T-1385 | Construction | 12/11/2014 | 6/20/2015 | 10/20/2015 | 10/15/2015 | N | Y | N | 194,784 | 202,073 | 202,073 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 114 | Expense | Base | Y | 34159 | 42141280 | HP | CGT Balancing Accoun | HPG | Casing Mitigation | 5023783+HPG | LINE 123 MP 31.84 CASING REMEDIATION | Close-Out | 6/1/2014 | 6/1/2014 | 11/10/2014 | 11/13/2014 | N | N | N | 5,694 | 434,795 | 434,795 | | N/A | | N/A | Local Trans-north-East Bay-south-Alameda County |
| 115 | Expense | Base | Y | 34171 | 42153[illegible] | HP | CGT Balancing Accoun | HPG | Casing Mitigation | 5023783+HPG | 2015 CASING PREP WORK | Construction | 8/1/2014 | 8/1/2014 | 8/28/2015 | 8/20/2015 | N | Y | N | 65,703 | 308,658 | 308,658 | | N/A | | N/A | Local Trans-Systemwide |
| 116 | Expense | Base | Y | 34439 | 42160877 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-118-1 DIGS | Close-Out | 8/1/2014 | 2/17/2015 | 3/13/2015 | 3/9/2015 | N | N | Y | 331,601 | 332,640 | 332,640 | | N/A | | N/A | Local Trans-north-Sacramento-Multiple Counties |
| 117 | Expense | Base | Y | 34440 | 42160785 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-121 DIGS | Close-Out | 8/1/2014 | 4/6/2015 | 4/28/2015 | 4/15/2015 | N | N | Y | 305,822 | 317,152 | 317,152 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 118 | Expense | Base | Y | 34441 | 42164783 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-118-2 DIGS | Close-Out | 2/20/2015 | 4/22/2015 | 6/8/2015 | 4/24/2015 | Y | N | Y | 310,818 | 310,917 | 310,917 | | N/A | | N/A | Local Trans-north-Sacramento-Multiple Counties |
| 119 | Expense | Base | Y | 34442 | 42164630 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-107 DIGS | Close-Out | 3/18/2015 | 5/13/2015 | 6/3/2015 | 6/28/2015 | Y | Y | N | 905,691 | 906,623 | 906,623 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 120 | Expense | Base | Y | 34443 | 42164772 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-123 DIGS | Close-Out | 8/1/2014 | 2/10/2015 | 2/26/2015 | 2/20/2015 | N | N | Y | 358,530 | 383,222 | 383,222 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 121 | Expense | Base | Y | 34444 | 42150204 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-124 DIGS | Close-Out | 1/25/2015 | 4/28/2015 | 6/15/2015 | 6/1/2015 | Y | Y | N | 318,773 | 319,200 | 319,200 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 122 | Expense | Base | Y | 34445 | 42164674 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-400-1 DIGS | Close-Out | 3/13/2015 | 6/1/2015 | 6/17/2015 | 6/2/2015 | Y | Y | N | 159,672 | 159,760 | 159,760 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 123 | Expense | Base | Y | 34446 | 42164609 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-177-1 DIGS | Close-Out | 2/25/2015 | 6/2/2015 | 6/3/2015 | 6/29/2015 | Y | Y | N | 147,298 | 147,790 | 147,790 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 124 | Expense | Base | Y | 34447 | 42164611 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-177-2 DIGS | Construction | 3/10/2015 | 9/9/2015 | 10/13/2015 | 8/13/2015 | Y | Y | N | 35,417 | 35,613 | 35,613 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 125 | Expense | Base | Y | 34448 | 42164679 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-400-3 DIGS | Construction | 8/28/2015 | 8/6/2015 | 8/19/2015 | 8/14/2015 | Y | Y | N | 35,764 | 35,651 | 35,651 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 126 | Expense | Base | Y | 34449 | 42164682 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-121 DIGS | Construction | 3/18/2015 | 9/9/2015 | 11/5/2015 | 10/8/2015 | Y | Y | N | 16,607 | 17,025 | 17,025 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 127 | Expense | Base | Y | 34450 | 42164766 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-001 DIGS | Construction | 6/1/2014 | 6/1/2014 | 1/1/2016 | 1/1/2016 | N | Y | N | 14,639 | 14,538 | 14,538 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 128 | Expense | Base | Y | 34452 | 42164672 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-374 DIGS | Construction | 6/5/2014 | 9/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 61 | 1,013 | 1,013 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 129 | Expense | Base | Y | 34453 | 42135715 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-108-1 DIGS | Construction | 6/7/2014 | 3/1/2016 | 3/10/2016 | 2/9/2016 | N | Y | N | 9,080 | 9,282 | 9,282 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 130 | Expense | Base | Y | 34454 | 42164694 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-108-2 DIGS | Construction | 6/6/2014 | 12/9/2016 | 1/16/2016 | 12/17/2016 | N | Y | N | 6,500 | 9,313 | 9,313 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 131 | Expense | Base | Y | 34455 | 42157445 | HP | CGT Balancing Accoun | HPD | Integrity Manage Cor | 5218016+HPD | GT LOCAL TRANS CORROSION SERVICES SUPPORT | Construction | 7/1/2014 | 7/1/2014 | 12/31/2022 | 12/31/2022 | N | Y | N | 76 | 415,369 | 415,369 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 132 | Expense | Base | Y | 34501 | 42164125 | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014+HPB | EC14-108-3-DAH - NON TRADITIONAL ILI | Close-Out | 7/17/2014 | 7/23/2014 | 8/12/2016 | 6/3/2014 | N | Y | N | 8,035 | 518,733 | 518,733 | | N/A | | N/A | Local Trans-south-Yosemite-Stanislaus County |
| 133 | Expense | Base | Y | 34507 | 42152641 | HP | CGT Balancing Accoun | HPA | Integrity Manage Oth | 5018013+HPA | DYNAMIC PRODUCTS | Construction | 7/21/2014 | 8/1/2014 | 8/28/2016 | 8/28/2016 | N | Y | N | 200,274 | 725,147 | 725,147 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 134 | Expense | Base | Y | 34777 | 42164679 | HP | CGT Balancing Accoun | HPC | Integrity Manage CCD | 5019016+HPC | EC15-107 ET | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 390,079 | 397,101 | 397,101 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 135 | Expense | Base | Y | 34828 | 42164485 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5019015+HPC | EC15-100-3 ET | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 203,013 | 414,210 | 414,210 | | N/A | | N/A | Systemwide-Systemwide |
| 136 | Expense | Base | Y | 34827 | 42164607 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5028571+ECDA DIGS (PMO) | EC15-100-3 DIGS | Construction | 8/1/2014 | 8/1/2014 | 11/28/2015 | 11/28/2015 | N | Y | N | 7,086 | 7,830 | 1,637,689 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 137 | Expense | Base | Y | 34835 | 42164409 | HP | CGT Balancing Accoun | HPC | Integrity Manage CCD | 5010015+HPC | EC15-153 ET | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 62,613 | 63,220 | 63,220 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 138 | Expense | Base | Y | 34888 | 42165730 | HP | CGT Balancing Accoun | HPN | TIMP Digs - ECDA | 5022571+ECDA DIGS (PMO) | DE16-DRIP 7004 DIGS | Construction | 8/1/2014 | 8/1/2014 | 1/1/2016 | 1/1/2016 | N | Y | N | 105 | 200 | 200 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 139 | Expense | Base | Y | 34829 | 42775555 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5019015+HPC | 2014 POST ASSESSMENT | Construction | 12/1/2014 | 12/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 15,574 | 16,002 | 16,002 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 140 | Expense | Base | Y | 34839 | 42153865 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | EC15-401 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 18,043 | 18,185 | 18,185 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 141 | Expense | Base | Y | 34890 | 42153911 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | EC15-108 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 48,158 | 48,200 | 48,200 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 142 | Expense | Base | Y | 34891 | 42153313 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | EC15-123 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 28,478 | 28,574 | 28,574 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 143 | Expense | Base | Y | 34892 | 42153914 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | EC15-119 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 67,851 | 67,949 | 67,948 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 144 | Expense | Base | Y | 34893 | 42153917 | HP | CGT Balancing Accoun | HPJ | ECDA - Pipeline | 5023827+HPJ | EC15-120 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2016 | 12/31/2016 | N | Y | N | 46,746 | 46,844 | 46,844 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PSEP/Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/NA) | Capital Project Described in any Rate Case (Rate Case Year or Blank)? | Governance Requirement Recommendation (Y/N/NA) | District/Division/County |
| 145 | Expense | Base | Y | 34924 | 42153819 | HP | CGT Balancing Account | HPJ | ICDA - Pipeline | [illegible]-HPJ | C15-177A | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 62,230 | 62,884 | 62,881 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 146 | Expense | Base | Y | 34925 | 42153884 | HP | CGT Balancing Account | HPJ | ICDA - Pipeline | [illegible]-HPJ | C15-321 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 49,897 | 49,880 | 49,880 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 147 | Expense | Base | Y | 34930 | 42153886 | HP | CGT Balancing Account | HPJ | ICDA - Pipeline | [illegible]-HPJ | C15-322 | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 29,652 | 29,752 | 29,752 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 148 | Expense | Base | Y | 35130 | 42175327 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80150144-HPB | GT L-132 MP 45.09 NON-TRADITIONAL ILI | Close-Out | 8/1/2014 | 8/25/2014 | 11/19/2014 | 5/8/2014 | N | N | N | 11,775 | 708,058 | 708,058 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 149 | Expense | Base | Y | 35304 | 42180851 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80100144-HPB | L-0807-01 MP 0.00-1.50 CASED PIPE ILI | Close-Out | 11/12/2014 | 3/6/2015 | 3/25/2015 | 3/25/2015 | N | Y | N | 1,054,836 | 1,055,765 | 1,055,765 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 150 | Expense | Base | Y | 35330 | 42180874 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80150144-HPB | L-153 MP 17.80-17.91 CASED PIPE ILI | Close-Out | 12/11/2014 | 3/17/2015 | 4/14/2015 | 4/14/2015 | N | Y | N | 600,107 | 609,068 | 609,068 | | N/A | | N/A | Local Trans-north-East Bay-north-Alameda County |
| 151 | Expense | Base | Y | 35048 | 42160054 | HP | CGT Balancing Account | HPL | Risk Management | 80007800-RISK MANAGEMENT | RECON HAZARD THREAT ID & MONITORING | Construction | 8/18/2014 | 10/10/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 600,136 | 670,871 | 670,871 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 152 | Expense | Base | Y | 35241 | 42180833 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80100144-HPB | GT L-132 NON-TRADITIONAL ILI MP 61.78-81 | Close-Out | 8/1/2014 | 8/1/2014 | 2/13/2015 | 2/13/2015 | N | N | Y | 7,022 | 453,882 | 453,622 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 153 | Expense | Base | Y | 36331 | 42217409 | HP | CGT Balancing Account | HPG | Casing Mitigation | 50237834-HPG | LINE 172A MP 60.76 CASING REMEDIATION | Close-Out | 11/1/2014 | 11/1/2014 | 5/11/2015 | 5/11/2015 | N | N | Y | 178 | 4,782 | 4,782 | | N/A | | N/A | Local Trans-south-Sacramento-Yolo County |
| 154 | Expense | Base | Y | 36340 | 42217439 | HP | CGT Balancing Account | HPG | Casing Mitigation | 52237834-HPG | LINE 1248-1 MP 0.0135 | Close-Out | 12/1/2014 | 12/1/2014 | 2/5/2015 | 2/5/2015 | N | N | Y | | 8,584 | 8,584 | | N/A | | N/A | Local Trans-north-Sierra-Yuba County |
| 155 | Expense | Base | Y | 36965 | 42222319 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80100744-HPB | [illegible] | Close-Out | 12/19/2014 | 11/10/2014 | 3/4/2015 | 12/29/2014 | N | N | Y | 36,911 | 276,225 | 276,225 | | N/A | | N/A | Local Trans-south-Yosemite-Multiple Counties |
| 156 | Expense | Base | Y | 36713 | 42224345 | HP | CGT Balancing Account | HPB | Integrity manage ILI | 80100144-HPB | L-162A NON-TRADITIONAL ILI MP 13.00-14.11 | Close-Out | 10/20/2014 | 12/1/2014 | 2/10/2015 | 12/19/2014 | N | N | Y | 82,221 | 471,489 | 471,439 | | N/A | | N/A | Local Trans-south-Kern-Bakersfield-Kern County |
| 157 | Expense | Base | Y | 36730 | 42259849 | HP | CGT Balancing Account | HPG | Casing Mitigation | 50237834-HPG | LINE 105N MP 31.72 CASING REMEDIATION | Construction | 11/1/2014 | 11/1/2014 | 7/22/2015 | 7/22/2015 | N | Y | N | 573 | 84,905 | 84,905 | | N/A | | N/A | Local Trans-north-East Bay-north-Alameda County |
| 158 | Expense | Base | Y | 36830 | 42271847 | HP | CGT Balancing Account | HPI | ILI - Direct Exam | 50270234-HPI | L-105B MP 0.00-11.xx DIRECT EXAM & REPAIR | Construction | 11/25/2014 | 6/19/2015 | 5/29/2015 | 4/29/2015 | N | Y | N | 6,420 | 18,352 | 18,392 | | N/A | | N/A | Local Trans-north-East Bay-north-Contra Costa Count |
| 159 | Expense | Base | Y | 35881 | 42280322 | HP | CGT Balancing Account | HPI | ILI - Direct Exam | 50270234-HPI | L-114 MP 0.00-18.50 DIRECT EXAM & REPAIR | Construction | 12/4/2014 | 8/25/2015 | 3/11/2015 | 2/11/2016 | N | Y | N | 17,539 | 20,618 | 325,472 | | N/A | | N/A | Local Trans-north-Delta-Contra Costa County |
| 160 | Expense | Base | Y | 36842 | 42280023 | HP | CGT Balancing Account | HPI | ILI - Direct Exam | 50270234-HPI | L-131-30 MP 0.0-57.4 DIRECT EXAM & REP | Construction | 2/13/2015 | 8/25/2015 | 10/8/2015 | 8/2/2016 | Y | Y | N | 14,045 | 14,887 | 782,528 | | N/A | | N/A | Local Trans-north-Delta |
| 161 | Expense | Base | Y | 36943 | 42280025 | HP | CGT Balancing Account | HPI | ILI - Direct Exam | 50270234-HPI | L-132 MP 31.0-38.4 DIRECT EXAM & REPAIR | Construction | 3/3/2015 | 3/22/2017 | 4/28/2017 | 3/30/2017 | Y | Y | N | 25,500 | 25,272 | 25,272 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 162 | Expense | Base | Y | 36975 | 42280318 | HP | CGT Balancing Account | HPI | ILI - Direct Exam | 50270234-HPI | L-07C MP 0.00-6.04 DIRECT EXAM & REPAIR | Construction | 8/18/2014 | 6/6/2016 | 7/16/2010 | 8/16/2010 | N | Y | N | 10,420 | 10,847 | 307,847 | | N/A | | N/A | Mokelumne Island-Stockton-San Joaquin County |
| 163 | Expense | Base | Y | 17252 | 42784861 | [illegible] | GT Integrity Managem | BA | Pipeline Integrity M | [illegible]-INTEGRITY MANAGEMENT [illegible] | L-3 MP 43.65-113.20 ILI RE-INSPECTION | Close-Out | 1/9/2007 | 11/1/2007 | 5/16/2008 | 5/16/2008 | N | N | N | 215 | 857,857 | 857,857 | | N/A | | N/A | Tracy-Yosemite |
| 164 | Expense | Base | Y | 22273 | P.02408 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | Bay Area Annual Leak Survey - WEB | Construction | 2/27/2008 | 8/1/2008 | 12/29/2015 | 12/29/2015 | N | N | N | 6,224 | 1,373,633 | 1,373,633 | | N/A | | N/A | Local Trans-north-Sacramento |
| 165 | Expense | Base | Y | 25682 | P.04253 | [illegible] | GT Integrity Managem | BH | TIMP Pipeline Pressu | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L-153_2 TEST 10.88 MP 1.58-27.48 | Close-Out | 10/27/2011 | 12/18/2012 | 8/17/2013 | 11/27/2012 | N | N | N | | 2,189,425 | 2,189,425 | | N/A | 2011P | N/A | Trans-East Bay-south-Alameda County |
| 166 | Expense | Base | Y | 25601 | P.04021 | [illegible] | GT Integrity Managem | BH | TIMP Pipeline Pressu | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | DFM-0813-01 TEST 1.03 MP 0.02-1.29 WB3 | Close-Out | 10/27/2011 | 6/6/2012 | 11/27/2012 | 11/8/2012 | N | N | N | | 852,812 | 852,812 | | N/A | 2011P | N/A | Milpitas/Gilroy-San Jose-Santa Clara County |
| 167 | Expense | Base | Y | 25630 | 41840031 | [illegible] | GT Integrity Managem | BH | TIMP Pipeline Pressu | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | DFM-0813-02 T-149-12 MP 0.00 TO MP0.56 | Close-Out | 6/24/2011 | 3/1/2013 | 7/1/2014 | 7/1/2014 | N | N | N | 1,827 | 876,707 | 876,707 | | N/A | 2011P | N/A | Local Trans-south-San Jose-Multiple Counties |
| 168 | Expense | Base | Y | 26330 | 41840827 | [illegible] | GT Integrity Managem | BH | TIMP Pipeline Pressu | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | DFM-0405-01 T-143-12 MP 3.07 TO MP13.0 | Close-Out | 1/31/2012 | 8/14/2012 | 12/27/2013 | 8/22/2013 | N | N | N | 1,204 | 4,050,400 | 4,050,480 | | N/A | | N/A | Local Trans-north-North Bay-[illegible]-Multiple |
| 169 | Expense | Base | Y | 27333 | P.04109 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | GT Station Paint Projects | Construction | 5/21/2012 | 10/28/2014 | 1/1/2016 | / / | N | Y | N | 327,737 | 1,259,602 | 1,259,602 | | N/A | | N/A | Milpitas/Gilroy-Santa Clara County |
| 170 | Expense | Base | Y | 27853 | 41743400 | [illegible] | GT Integrity Managem | BH | TIMP Pipeline Pressu | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | DCUSTS[illegible] T86-274-13 MP 0.07-0.48 | Close-Out | 11/15/2012 | 6/4/2013 | 6/24/2013 | 6/15/2013 | N | N | N | 843 | 627,117 | 627,117 | | N/A | | N/A | Local Trans-north-[illegible]-Alameda County |
| 171 | Expense | Base | Y | 31501 | 41884487 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 425.12 SPAN SUPPORT CORROSION | Close-Out | 11/6/2013 | 9/10/2014 | 6/30/2014 | / / | N | N | N | 37,320 | 255,488 | 255,488 | | N/A | | N/A | Milpitas/Gilroy-San Jose-Santa Clara County |
| 172 | Expense | Base | Y | 33072 | 43000273 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | ATM. CORROSION INVESTIGATION - 1000 UNIT | Construction | 3/1/2014 | 3/1/2014 | 12/28/2015 | 12/28/2015 | N | Y | N | 613,571 | 1,788,294 | 1,788,294 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 173 | Expense | Base | Y | 33094 | 42060274 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | ATM. CORROSION MITIGATION- 70 UNITS | Construction | 3/1/2014 | 3/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | -189,700 | 118,929 | 118,929 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 174 | Expense | Base | Y | 33137 | 42060275 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | LOW READ REMEDIATION (BACKLOG) | Construction | 3/1/2014 | 3/1/2014 | 12/28/2015 | 12/28/2015 | N | Y | N | 225,481 | 699,435 | 699,435 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 175 | Expense | Base | Y | 33182 | 42060276 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | AC FAULT INVESTIGATION - BACKLOG | Construction | 12/1/2014 | 12/1/2014 | 12/28/2015 | 12/28/2015 | N | Y | N | 113,662 | 419,822 | 419,822 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 176 | Expense | Base | Y | 33080 | 42601878 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 2250_L300B MP 428.22 REPAIR&RECOAT_SPAN36 | Construction | 5/5/2014 | 8/17/2015 | 12/12/2016 | / / | N | Y | N | 14,912 | 47,251 | 47,251 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 177 | Expense | Base | Y | 33202 | 42060278 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | CORROSION TASK LIST VERIFICATION | Construction | 5/1/2014 | 5/1/2014 | 12/28/2015 | 12/28/2015 | N | Y | N | 744,534 | 1,821,880 | 1,821,885 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 178 | Expense | Base | Y | 33207 | 42052528 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | GT PAINT L-400 MP 145.58 | Close-Out | 4/10/2014 | 12/8/2014 | 2/20/2016 | / / | N | N | Y | 1,251,109 | 1,365,521 | 1,365,521 | | N/A | | N/A | Willows-Glenn County |
| 179 | Expense | Base | Y | 33810 | 42132572 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L131 MP 39.45 PAINT SPAN | Construction | 4/22/2014 | 4/22/2015 | 6/18/2016 | / / | N | Y | N | 6,427 | 20,970 | 250,979 | | N/A | | N/A | Tracy-Mission-Alameda County |
| 180 | Expense | Base | Y | 33727 | 42132323 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 300B MP 430.80 REPLACE SUPPORT & RECOAT | Construction | 6/1/2014 | 4/27/2015 | 6/18/2016 | / / | N | Y | N | 5,725 | 17,878 | 350,000 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 181 | Expense | Base | Y | 33729 | 42142333 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 434.30 RECOAT | Estimation | 7/7/2014 | 4/13/2015 | 6/2/2016 | / / | N | Y | N | 4,038 | 31,877 | 351,677 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-Santa Clara Count |
| 182 | Expense | Base | Y | 33734 | 42132329 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 300A MP 425.04 REPLACE SUPPORT & RECOAT | Construction | 4/29/2014 | 7/21/2015 | 9/1/2015 | / / | N | N | Y | 304,314 | 397,600 | 397,600 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 183 | Expense | Base | Y | 33733 | 42132327 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 300A MP 444.12 REPLACE SUPPORT & RECOAT | Construction | 4/29/2014 | 4/27/2016 | 9/14/2016 | / / | N | Y | N | 3,485 | 15,394 | 350,000 | | N/A | | N/A | Milpitas/Gilroy-East Bay-south-San Benito Count |
| 184 | Expense | Base | Y | 33746 | 42132328 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 002 MP 70.30 PIPE SUPPORT REPAIR | Construction | 7/30/2014 | 4/29/2016 | 5/18/2016 | / / | N | Y | N | 7,325 | 34,082 | 364,082 | | N/A | | N/A | Tracy-Merced County |
| 185 | Expense | Base | Y | 33747 | 42132329 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | 300A MP 343.00 REPAIR PIPE SUPPORT | Construction | 4/30/2014 | 8/27/2015 | 7/19/2016 | / / | N | Y | N | 19,730 | 22,598 | 22,588 | | N/A | | N/A | Kettleman-Fresno-Kings County |
| 186 | Expense | Base | Y | 33778 | 42132331 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 380.00 RECOAT | [illegible] | 5/30/2014 | 6/8/2015 | 6/29/2016 | / / | N | Y | N | 6,563 | 18,038 | 349,038 | | N/A | | N/A | Kettleman-Fresno County |
| 187 | Expense | Base | Y | 33855 | 42133712 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 457.17 RECOAT/REPAINT SPAN | Construction | 7/10/2014 | 9/29/2015 | 6/29/2016 | / / | N | Y | N | -1,321 | 27,725 | 372,951 | | N/A | | N/A | Milpitas/Gilroy-San Jose-Santa Clara County |
| 188 | Expense | Base | Y | 33838 | 42134008 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 470.9 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/7/2014 | 12/8/2014 | 3/26/2015 | / / | N | N | Y | 272,472 | 329,545 | 329,545 | | N/A | | N/A | Milpitas/Gilroy-San Jose-Santa Clara County |
| 189 | Expense | Base | Y | 33837 | 42134009 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 425.39 RECOAT/REPAINT SPAN | Construction | 7/30/2014 | 11/14/2014 | 5/9/2015 | / / | N | N | Y | 285,089 | 430,083 | 430,083 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 190 | Expense | Base | Y | 33839 | 42134010 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 420.[illegible] RECOAT/REPAINT SPAN | Construction | 7/25/2014 | 9/1/2015 | 3/24/2016 | / / | N | Y | N | 7,250 | 27,623 | 355,376 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 191 | Expense | Base | Y | 33840 | 42134011 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 427.28 RECOAT/REPAINT SPAN | Construction | 7/25/2014 | 4/27/2016 | 5/1/2016 | / / | N | Y | N | 7,422 | 18,079 | 354,534 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 192 | Expense | Base | Y | 33841 | 42134012 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 429.13 RECOAT/REPAINT SPAN | Construction | 7/7/2014 | 4/27/2016 | 5/15/2016 | / / | N | Y | N | 4,135 | 16,074 | 351,367 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 193 | Expense | Base | Y | 33842 | 42132379 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 471.11 RECOAT/REPAINT SPAN | Construction | 7/7/2014 | 12/8/2014 | 3/25/2015 | / / | N | N | Y | 414,000 | 454,297 | 454,297 | | N/A | | N/A | Milpitas/Gilroy-San Jose-Santa Clara County |
| 194 | Expense | Base | Y | 33843 | 42134888 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 425.05 RECOAT/REPAINT SPAN 61 | Construction | 7/7/2014 | 11/22/2014 | 3/1/2015 | / / | N | N | Y | 375,295 | 488,529 | 488,529 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 195 | Expense | Base | Y | 33844 | 42134251 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 459.94 RECOAT/REPAINT SPAN 314 | Construction | 7/17/2014 | 2/5/2015 | 8/12/2015 | / / | N | N | Y | 306,681 | 421,178 | 421,178 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 196 | Expense | Base | Y | 33847 | 42134252 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300D MP 491.16 RECOAT/REPAINT SPAN | Close-Out | 7/17/2014 | 11/14/2014 | 3/26/2015 | / / | N | N | Y | 399,763 | 517,983 | 517,983 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 197 | Expense | Base | Y | 33846 | 42138549 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 457.48 RECOAT/REPAINT SPAN | Construction | 7/7/2014 | 5/29/2015 | 4/14/2016 | / / | N | Y | N | 5,753 | 29,183 | 350,000 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |
| 198 | Expense | Base | Y | 33849 | 42134254 | [illegible] | GT Integrity Managem | BD | Pipeline Integrity M | [illegible]-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 432.15 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/7/2014 | 11/18/2014 | 3/20/2015 | / / | N | N | Y | 333,792 | 513,335 | 513,335 | | N/A | | N/A | Milpitas/Gilroy-Central Coast-San Benito County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Report (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Crew Start Date for work started or underway in the reporting period | Actual/Forecast Sign Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total Amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Responsibilities (Y/N/ N/A) | District/Division/County |
| 199 | Expense | Base | Y | 33850 | 42135732 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP436.02 RECOAT/REPAINT SPAN | Construction | 7/17/2014 | 11/25/2014 | 3/27/2015 | / / | N | N | Y | 352,917 | 439,201 | 439,201 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 200 | Expense | Base | Y | 33852 | 42135733 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP438.42 RECOAT/REPAINT SPAN | Construction | 6/7/2014 | 12/1/2014 | 3/28/2015 | / / | N | N | Y | 391,034 | 440,236 | 440,236 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 201 | Expense | Base | Y | 33853 | 42135734 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP443.42 RECOAT/REPAINT SPAN | Construction | 6/1/2014 | 4/27/2016 | 5/18/2016 | / / | N | Y | N | 9,180 | 26,340 | 350,760 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 202 | Expense | Base | Y | 33854 | 42137217 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP362 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/22/2014 | 5/3/2016 | 6/2/2016 | / / | N | Y | N | -1,291 | 27,813 | 562,813 | | N/A | | N/A | Kettleman-Fresno County |
| 203 | Expense | Base | Y | 33858 | 42135569 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP437.42 RECOAT/REPAINT SPAN | Construction | 7/25/2014 | 4/27/2016 | 5/19/2016 | / / | N | Y | N | 8,808 | 17,373 | 369,949 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 204 | Expense | Base | Y | 33859 | 42137324 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP437.04 RECOAT/REPAINT SPAN | Construction | 8/24/2014 | 4/25/2016 | 9/12/2016 | / / | N | Y | N | 4,426 | 19,104 | 385,504 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 205 | Expense | Base | Y | 33870 | 42138529 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP429.39 RECOAT/REPAINT SPAN | Construction | 6/4/2014 | 4/27/2016 | 5/18/2016 | / / | N | Y | N | 8,443 | 25,298 | 350,585 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 206 | Expense | Base | Y | 33871 | 42137825 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | | Construction | 7/10/2014 | 12/8/2014 | 3/19/2015 | / / | N | N | Y | 419,526 | 587,457 | 587,457 | | N/A | | N/A | Kettleman-Kern County |
| 207 | Expense | Base | Y | 33873 | 42137826 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP227.93 RECOAT/REPAINT SPAN | Close-Out | 7/15/2014 | 12/3/2014 | 1/15/2015 | / / | N | N | Y | 148,000 | 379,874 | 379,874 | | N/A | | N/A | Kettleman-Kern County |
| 208 | Expense | Base | Y | 33875 | 42138530 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP428.35 RECOAT/REPAINT SPAN | Construction | 7/17/2014 | 4/29/2016 | 5/27/2016 | / / | N | Y | N | 4,018 | 15,432 | 350,000 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 209 | Expense | Base | Y | 33877 | 42137528 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP362 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/23/2014 | 5/24/2016 | 6/28/2016 | / / | N | Y | N | -2,033 | 23,000 | 342,505 | | N/A | | N/A | Kettleman-Fresno County |
| 210 | Expense | Base | Y | 33878 | 42137529 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-400 MP247.55 RECOAT/REPAINT/REPAIR SPAN | Construction | 8/1/2014 | 6/11/2015 | 7/15/2015 | / / | N | Y | N | 151,425 | 192,985 | 192,985 | | N/A | | N/A | Willows-Yolo County |
| 211 | Expense | Base | Y | 33880 | 42137530 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-002 MP83.01 RECOAT/REPAINT/REPAIR SPAN | Construction | 6/1/2014 | 4/27/2016 | 5/27/2016 | / / | N | Y | N | 4,256 | 30,372 | 342,072 | | N/A | | N/A | Kettleman-Fresno County |
| 212 | Expense | Base | Y | 33881 | 42145100 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP403.05 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 3/1/2016 | 4/8/2016 | / / | N | Y | N | 10,390 | 35,441 | 35,441 | | N/A | | N/A | Kettleman-Kings County |
| 213 | Expense | Base | Y | 33883 | 42136803 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP420.4 RECOAT/REPAINT SPAN 13A | Construction | 7/7/2014 | 2/11/2015 | 3/9/2015 | / / | N | N | Y | 402,375 | 425,813 | 425,870 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 214 | Expense | Base | Y | 33887 | 42136538 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP407.24 RECOAT/REPAINT SPAN | Construction | 7/22/2014 | 2/11/2015 | 4/30/2015 | / / | N | N | Y | 385,221 | 404,018 | 404,018 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 215 | Expense | Base | Y | 33888 | 42136909 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP430 RECOAT/REPAINT/REPAIR SPAN | Construction | 7/11/2014 | 4/27/2016 | 6/2/2016 | / / | N | Y | N | 8,770 | 17,693 | 352,584 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 216 | Expense | Base | Y | 34254 | 42145294 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP437.57 RECOAT/REPAINT SPAN 31 | Construction | 7/7/2014 | 3/23/2016 | 3/18/2016 | / / | N | Y | N | 6,663 | 25,040 | 350,000 | | N/A | | N/A | Milpitas/Hollister-Central Coast-San Benito County |
| 217 | Expense | Base | Y | 34255 | 42145283 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP404.80 RECOAT/REPAINT SPAN | Construction | 7/16/2016 | 12/2/2015 | 3/24/2016 | / / | N | Y | N | 22,389 | 37,108 | 37,528 | | N/A | | N/A | Kettleman-Fresno County |
| 218 | Expense | Base | Y | 34256 | 42145235 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-101G MP8 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 3/27/2016 | 3/21/2016 | / / | N | Y | N | 3,776 | 24,280 | 340,380 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 219 | Expense | Base | Y | 34259 | 42145236 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP461.81 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 2/27/2016 | 4/8/2016 | / / | N | Y | N | 8,802 | 35,353 | 394,474 | | N/A | | N/A | Milpitas/Hollister-San Jose-Santa Clara County |
| 220 | Expense | Base | Y | 34260 | 42145290 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP462.18 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 3/9/2016 | 8/5/2016 | / / | N | Y | N | 8,587 | 32,691 | 294,632 | | N/A | | N/A | Milpitas/Hollister-San Jose-Santa Clara County |
| 221 | Expense | Base | Y | 34262 | 42145292 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP467.04 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 1/13/2015 | 3/29/2015 | / / | N | N | Y | 322,415 | 355,913 | 355,013 | | N/A | | N/A | Milpitas/Hollister-San Jose-Santa Clara County |
| 222 | Expense | Base | Y | 34263 | 42145223 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP468.04 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 3/29/2016 | 4/30/2016 | / / | N | Y | N | 4,470 | 23,882 | 353,682 | | N/A | | N/A | Milpitas/Hollister-San Jose-Santa Clara County |
| 223 | Expense | Base | Y | 34264 | 42145224 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP422.33 RECOAT/REPAINT SPAN | Construction | 8/14/2014 | 12/8/2014 | 4/17/2015 | / / | N | N | Y | 200,710 | 234,204 | 234,204 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 224 | Expense | Base | Y | 34265 | 42145293 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP425.73 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 3/29/2016 | 4/18/2016 | / / | N | Y | N | 2,995 | 16,002 | 351,040 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 225 | Expense | Base | Y | 34266 | 42145255 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP440.43 RECOAT/REPAINT SPAN | Construction | 7/14/2014 | 12/31/2014 | 4/18/2015 | / / | N | N | Y | 399,641 | 417,821 | 417,821 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 226 | Expense | Base | Y | 34267 | 42145297 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP431.60 RECOAT/REPAINT SPAN | Construction | 7/29/2014 | 12/31/2014 | 4/13/2015 | / / | N | N | Y | 237,325 | 261,048 | 261,048 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 227 | Expense | Base | Y | 34268 | 42145298 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP432.78 RECOAT/REPAINT SPAN | Construction | 7/16/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 4,267 | 17,285 | 350,700 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 228 | Expense | Base | Y | 34270 | 42145300 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP366.0 RECOAT/REPAINT SPAN | Construction | 7/16/2014 | 6/7/2016 | 6/22/2016 | / / | N | Y | N | 8,691 | 25,597 | 350,088 | | N/A | | N/A | Kettleman-Fresno-Kings County |
| 229 | Expense | Base | Y | 34465 | 42157813 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | RECOAT MLV L-300B MP 71.05 | Close-Out | 8/1/2014 | 9/15/2014 | 10/10/2014 | 10/7/2014 | N | N | N | 5,163 | 412,710 | 412,715 | | N/A | | N/A | Topock-San Bernardino County |
| 230 | Expense | Base | Y | 34809 | 42152521 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 431.03 RECOAT | Construction | 7/29/2014 | 4/29/2016 | 6/10/2016 | / / | N | Y | N | 3,076 | 12,400 | 350,000 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Santa Clara County |
| 231 | Expense | Base | Y | 35139 | 42184452 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 347.59 - 347.69 REPAINT SPAN | Construction | 9/1/2014 | 5/18/2015 | 6/18/2015 | / / | N | Y | N | 57,876 | 84,632 | 84,632 | | N/A | | N/A | Kettleman-Kings County |
| 232 | Expense | Base | Y | 35140 | 42184106 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 437.59 - 438.03 REPAINT SPAN | Construction | 11/3/2014 | 6/3/2016 | 6/16/2016 | / / | N | Y | N | 4,752 | 8,294 | 325,925 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 233 | Expense | Base | Y | 35152 | 42184130 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 438.42 - 438.66 REPAINT SPAN | Construction | 11/3/2014 | 6/3/2016 | 6/16/2016 | / / | N | Y | N | 4,080 | 7,138 | 341,976 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 234 | Expense | Base | Y | 35154 | 42184422 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-SP4Y MP 3.61 - 3.62 REPAINT SPAN | Construction | 8/18/2014 | 6/1/2016 | 6/18/2016 | / / | N | Y | N | 1,872 | 7,780 | 558,852 | | N/A | | N/A | Rio Vista-Solano County |
| 235 | Expense | Base | Y | 35157 | 42184425 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-195 MP 0.39 REPAINT SPAN | Construction | 8/18/2014 | 7/25/2016 | 8/9/2016 | / / | N | Y | N | 2,087 | 8,010 | 505,827 | | N/A | | N/A | Rio Vista-Sacramento County |
| 236 | Expense | Base | Y | 35160 | 42184426 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-SP4Y MP 5.8 - 5.81 REPAINT SPAN | Construction | 8/18/2014 | 6/2/2016 | 6/18/2016 | / / | N | Y | N | 849 | 2,453 | 503,004 | | N/A | | N/A | Rio Vista-Solano County |
| 237 | Expense | Base | Y | 35047 | 42187875 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP145.75 TO 145.77 REPAINT SPAN | Construction | 12/16/2014 | 6/3/2016 | 6/13/2016 | / / | N | Y | N | 8,114 | 8,486 | 8,486 | | N/A | | N/A | Hinkley-San Bernardino County |
| 238 | Expense | Base | Y | 35057 | 42192146 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP348.95 RECOAT/REPAINT SPAN 430 | Construction | 10/9/2014 | 6/10/2015 | 7/27/2015 | / / | N | Y | N | 260,000 | 265,572 | 265,572 | | N/A | | N/A | Kettleman-Kings County |
| 239 | Expense | Base | Y | 33356 | 42192151 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 348.13 REPAINT SPAN 514 | Construction | 9/11/2014 | 6/3/2016 | 6/23/2016 | / / | N | Y | N | 4,671 | 9,089 | 330,004 | | N/A | | N/A | Kettleman-Kings County |
| 240 | Expense | Base | Y | 35850 | 42195183 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP348.26 TO 348.28 REPAINT SPAN | Construction | 9/17/2014 | 6/13/2016 | 6/28/2016 | / / | N | Y | N | 3,084 | 6,730 | 332,735 | | N/A | | N/A | Kettleman-Kings County |
| 241 | Expense | Base | Y | 35860 | 42195178 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP348.33 RECOAT/REPAINT SPAN 278 | Construction | 9/11/2014 | 7/1/2015 | 8/7/2015 | / / | N | Y | N | 212,670 | 217,021 | 217,021 | | N/A | | N/A | Kettleman-Kings County |
| 242 | Expense | Base | Y | 35861 | 42195177 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP348.48 TO 348.49 REPAINT SPAN | Construction | 9/12/2014 | 6/27/2016 | 8/10/2016 | / / | N | Y | N | 3,722 | 6,462 | 186,422 | | N/A | | N/A | Kettleman-Kings County |
| 243 | Expense | Base | Y | 35863 | 42195176 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP347.12 TO 347.18 REPAINT SPAN | Construction | 9/11/2014 | 7/10/2016 | 8/3/2016 | / / | N | Y | N | 3,250 | 6,871 | 332,077 | | N/A | | N/A | Kettleman-Kings County |
| 244 | Expense | Base | Y | 35864 | 42195179 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP 350.8A RECOAT/REPAINT SPAN 71 | Construction | 9/11/2014 | 8/18/2015 | 10/2/2015 | / / | N | Y | N | 30,325 | 34,405 | 34,405 | | N/A | | N/A | Kettleman-Kings County |
| 245 | Expense | Base | Y | 35865 | 42195184 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP351.56 TO 352.0 REPAINT SPAN | Construction | 9/11/2014 | 6/13/2016 | 6/29/2016 | / / | N | Y | N | 8,086 | 13,808 | 343,808 | | N/A | | N/A | Kettleman-Kings County |
| 246 | Expense | Base | Y | 35704 | 42200040 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-128 MP1.41 TO 1.43 REPAINT SPAN | Construction | 8/25/2015 | 3/29/2016 | 4/27/2016 | / / | Y | Y | N | 1,716 | 6,100 | 555,711 | | N/A | | N/A | Meridian-Glenn County |
| 247 | Expense | Base | Y | 35705 | 42200042 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-108A MP0.75 TO 0.77 REPAINT SPAN | Construction | 12/31/2014 | 5/3/2016 | 5/18/2016 | / / | N | Y | N | 3,173 | 6,133 | 558,738 | | N/A | | N/A | Meridian-Colusa County |
| 248 | Expense | Base | Y | 35708 | 42195523 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP422.73 TO 422.78 REPAINT SPAN | Construction | 11/24/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 2,765 | 7,327 | 337,322 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 249 | Expense | Base | Y | 35710 | 42195525 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP424.75 TO 424.76 REPAINT SPAN | Construction | 11/25/2014 | 6/3/2016 | 6/16/2016 | / / | N | Y | N | 2,583 | 6,312 | 335,312 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 250 | Expense | Base | Y | 35711 | 42190775 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP425.21 TO 425.22 REPAINT SPAN | Construction | 11/25/2014 | 3/29/2016 | 3/9/2016 | / / | N | Y | N | 11,471 | 13,252 | 13,252 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 251 | Expense | Base | Y | 35712 | 42190787 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP425.82 TO 425.86 REPAINT SPAN | Construction | 11/18/2014 | 5/3/2016 | 5/16/2016 | / / | N | Y | N | 3,280 | 6,286 | 338,286 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 252 | Expense | Base | Y | 35713 | 42190789 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP425.85 TO 425.87 REPAINT SPAN | Construction | 11/18/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 3,105 | 6,290 | 338,290 | | N/A | | N/A | Milpitas/Hollister-San Benito County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PGE/R Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #+ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project begin in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Project (Project Year or Blank) | RCA (Y/N/ N/A) | Capital Project Describes in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/ Recommendation (Y/N/ N/A) | Council/District/County |
| 253 | Expense | Base | Y | 35714 | 42108709 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP428.78 TO 428.80 REPAINT SPAN | Construction | 11/18/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 3,022 | 8,501 | 338,561 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 254 | Expense | Base | Y | 35723 | 42108823 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP427.27 TO 427.28 REPAINT SPAN | Construction | 11/18/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 3,221 | 7,597 | 330,016 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 255 | Expense | Base | Y | 35724 | 42108821 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP427.73 TO 427.76 REPAINT SPAN | Construction | 1/6/2015 | 2/8/2016 | 2/24/2016 | / / | Y | Y | N | 15,237 | 18,534 | 18,534 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 256 | Expense | Base | Y | 35725 | 42108822 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP427.81 TO 427.84 REPAINT SPAN | Construction | 12/18/2014 | 6/10/2016 | 6/8/2016 | / / | N | Y | N | 8,205 | 10,848 | 300,848 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 257 | Expense | Base | Y | 35726 | 42108825 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP428.68 TO 428.70 REPAINT SPAN | Construction | 11/24/2014 | 6/3/2016 | 6/14/2016 | / / | N | Y | N | 3,159 | 5,633 | 335,039 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 258 | Expense | Base | Y | 35727 | 42108826 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP429.29 TO 429.31 REPAINT SPAN | Construction | 11/20/2014 | 5/3/2016 | 5/18/2016 | / / | N | Y | N | 3,066 | 5,022 | 338,822 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 259 | Expense | Base | Y | 35728 | 42108829 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP430.69 REPAINT SPAN 82 | Construction | 1/16/2015 | 4/7/2016 | 4/22/2016 | / / | Y | Y | N | 14,053 | 18,342 | 332,439 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 260 | Expense | Base | Y | 35729 | 42108827 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300A MP431.69 REPAINT SPAN 83 | Construction | 11/21/2014 | 4/1/2016 | 4/18/2016 | / / | N | Y | N | 16,550 | 19,850 | 327,180 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 261 | Expense | Base | Y | 35763 | 42108848 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP420.72 TO 420.74 REPAINT SPAN | Construction | 11/25/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 5,745 | 8,588 | 339,589 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 262 | Expense | Base | Y | 35764 | 42108840 | 8 | GT Integrity Managem | 8A | Pipeline Integrity M | 5027260-INTEGRITY MANAGEMENT OTHER 8E | L300B MP422.50 TO 422.52 REPAINT SPAN | Construction | 11/25/2014 | 6/3/2016 | 5/18/2016 | / / | N | Y | N | 1,585 | 6,188 | 335,159 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 263 | Expense | Base | Y | 35765 | 42108850 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP422.85 TO 422.88 REPAINT SPAN | Construction | 11/25/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 2,952 | 6,200 | 338,230 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 264 | Expense | Base | Y | 35766 | 42108857 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.15 TO 425.18 REPAINT SPAN | Construction | 11/20/2014 | 5/3/2016 | 5/18/2016 | / / | N | Y | N | 3,159 | 7,629 | 337,629 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 265 | Expense | Base | Y | 35767 | 42108853 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.84 TO 425.86 REPAINT SPAN | Construction | 11/25/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 4,003 | 8,859 | 333,359 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 266 | Expense | Base | Y | 35768 | 42137220 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.27 TO 425.3 REPAINT SPAN 105 | Construction | 11/25/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 7,459 | 10,889 | 340,895 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 267 | Expense | Base | Y | 35769 | 42167201 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.69 TO 425.7 REPAINT SPAN | Construction | 9/15/2014 | 5/6/2016 | 5/18/2016 | / / | N | Y | N | 3,635 | 6,777 | 335,777 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 268 | Expense | Base | Y | 35770 | 42107202 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.95 TO 425.98 REPAINT SPAN | Construction | 9/15/2014 | 6/3/2016 | 6/14/2016 | / / | N | Y | N | 5,627 | 7,087 | 337,087 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 269 | Expense | Base | Y | 35771 | 42108775 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP425.99 TO 427.01 REPAINT SPAN | Construction | 9/19/2014 | 9/13/2016 | 9/27/2016 | / / | N | Y | N | 9,816 | 10,518 | 10,518 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 270 | Expense | Base | Y | 35772 | 42108776 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP427.29 TO 427.31 REPAINT SPAN | Construction | 9/17/2014 | 6/3/2016 | 6/15/2016 | / / | N | Y | N | 2,502 | 4,029 | 334,055 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 271 | Expense | Base | Y | 35773 | 42108777 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP427.42 TO 427.44 REPAINT SPAN | Construction | 11/3/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 3,741 | 7,508 | 337,508 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 272 | Expense | Base | Y | 35774 | 42108778 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP429.65 TO 429.67 REPAINT SPAN | Construction | 11/3/2014 | 5/3/2016 | 5/18/2016 | / / | N | Y | N | 5,581 | 11,025 | 341,025 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 273 | Expense | Base | Y | 35775 | 42108779 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP430.73 TO 430.75 REPAINT SPAN | Construction | 11/6/2014 | 9/1/2016 | 9/16/2016 | / / | N | Y | N | 19,599 | 23,474 | 23,474 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 274 | Expense | Base | Y | 35777 | 42108881 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP431.88 TO 431.9 REPAINT SPAN | Construction | 11/3/2014 | 6/3/2016 | 6/14/2016 | / / | N | Y | N | 8,016 | 10,525 | 340,525 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 275 | Expense | Base | Y | 35778 | 42108887 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP432.92 TO 432.94 REPAINT SPAN | Construction | 11/3/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 3,581 | 7,180 | 337,180 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 276 | Expense | Base | Y | 35779 | 42108882 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP434.27 TO 434.29 REPAINT SPAN | Construction | 11/3/2014 | 4/27/2016 | 5/12/2016 | / / | N | Y | N | 4,809 | 9,468 | 333,468 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 277 | Expense | Base | Y | 35780 | 42108883 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP434.30 TO 434.32 REPAINT SPAN | Construction | 11/3/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 4,511 | 7,812 | 337,812 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 278 | Expense | Base | Y | 35782 | 42108884 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 438.81 - 438.84 REPAINT SPAN | Construction | 11/6/2014 | 6/6/2016 | 5/18/2016 | / / | N | Y | N | 1,434 | 4,588 | 334,565 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 279 | Expense | Base | Y | 35784 | 42108886 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L301A MP8.18 TO 8.20 REPAINT SPAN | Construction | 11/3/2014 | 4/27/2016 | 5/13/2016 | / / | N | Y | N | 1,534 | 3,388 | 333,383 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 280 | Expense | Base | Y | 35787 | 42108801 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L114 MP0.87 TO 0.87 REPAINT SPAN | Construction | 9/15/2014 | 6/1/2016 | 6/18/2016 | / / | N | Y | N | 1,109 | 3,003 | 528,276 | | N/A | | N/A | Rio Vista-Solano County |
| 281 | Expense | Base | Y | 35723 | None | 8 | GT Integrity Managem | 8+ | TIMP Pipeline Preass | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400 MP200.18 TO 200.22 REPAINT SPAN | Engineering/Permitting | 9/15/2014 | 6/6/2016 | 5/16/2016 | / / | N | N | N | | | 330,000 | | N/A | | N/A | Rio Vista |
| 282 | Expense | Base | Y | 35790 | 42108427 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400-3 MP206.21 TO 206.29 REPAINT SPAN | Construction | 9/1/2014 | 9/3/2016 | 9/16/2016 | / / | N | Y | N | 2,884 | 9,048 | 555,593 | | N/A | | N/A | Rio Vista-Solano County |
| 283 | Expense | Base | Y | 35791 | 42107117 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP0.83 TO 0.84 REPAINT SPAN | Construction | 9/1/2014 | 4/29/2016 | 5/13/2016 | / / | N | Y | N | 3,600 | 5,684 | 5,684 | | N/A | | N/A | Topock-San Bernardino County |
| 284 | Expense | Base | Y | 35792 | 42107113 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP0.87 TO 0.7 REPAINT SPAN | Construction | 9/1/2014 | 6/3/2016 | 6/18/2016 | / / | N | Y | N | 3,665 | 9,632 | 5,532 | | N/A | | N/A | Topock-San Bernardino County |
| 285 | Expense | Base | Y | 35793 | 42108804 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400 MP208.18 TO 208.22 REPAINT SPAN | Construction | 8/15/2014 | 9/13/2016 | 9/28/2016 | / / | N | Y | N | 3,887 | 3,913 | 853,915 | | N/A | | N/A | Topock-Solano County |
| 286 | Expense | Base | Y | 35799 | 42107400 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP101.34 TO 101.37 REPAINT SPAN | Construction | 12/2/2014 | 4/29/2016 | 5/11/2016 | / / | N | Y | N | 707 | 2,736 | 2,736 | | N/A | | N/A | Topock-San Bernardino County |
| 287 | Expense | Base | Y | 35609 | 42107416 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP3.30 TO 3.38 REPAINT SPAN | Construction | 9/18/2014 | 6/6/2016 | 6/20/2016 | / / | N | Y | N | 4,310 | 6,505 | 6,605 | | N/A | | N/A | Topock-San Bernardino County |
| 288 | Expense | Base | Y | 35608 | 42107418 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP4.40 TO 4.40 REPAINT SPAN | Construction | 9/15/2014 | 6/3/2016 | 6/16/2016 | / / | N | Y | N | 2,300 | 3,466 | 3,466 | | N/A | | N/A | Topock-San Bernardino County |
| 289 | Expense | Base | Y | 35612 | 42107788 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP94.4 TO 94.42 REPAINT SPAN | Construction | 9/12/2014 | 4/14/2016 | 4/29/2016 | / / | N | Y | N | 3,607 | 4,174 | 4,174 | | N/A | | N/A | Topock-San Bernardino County |
| 290 | Expense | Base | Y | 35613 | 42107790 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP94.58 TO 94.59 REPAINT SPAN | Construction | 9/12/2014 | 4/29/2016 | 5/12/2016 | / / | N | Y | N | 1,976 | 2,162 | 2,162 | | N/A | | N/A | Topock-San Bernardino County |
| 291 | Expense | Base | Y | 35620 | 42107834 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP98.09 TO 98.12 REPAINT SPAN | Construction | 9/15/2014 | 4/29/2016 | 5/12/2016 | / / | N | Y | N | 1,905 | 2,331 | 2,331 | | N/A | | N/A | Topock-San Bernardino County |
| 292 | Expense | Base | Y | 35623 | 42107837 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 1.21 TO 1.22 REPAINT SPAN | Construction | 9/18/2014 | 5/3/2016 | 5/12/2016 | / / | N | Y | N | 2,474 | 4,252 | 4,252 | | N/A | | N/A | Topock-San Bernardino County |
| 293 | Expense | Base | Y | 35580 | 42107920 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 2.46 TO 2.63 REPAINT SPAN | Construction | 9/16/2014 | 6/3/2016 | 6/18/2016 | / / | N | Y | N | 1,818 | 2,769 | 2,769 | | N/A | | N/A | Topock-San Bernardino County |
| 294 | Expense | Base | Y | 35581 | 42107900 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 2.90 TO 2.95 REPAINT SPAN | Construction | 9/13/2014 | 5/3/2016 | 5/18/2016 | / / | N | Y | N | 2,285 | 3,142 | 3,142 | | N/A | | N/A | Topock-San Bernardino County |
| 295 | Expense | Base | Y | 35584 | 42107913 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 3.02 TO 3.05 REPAINT SPAN | Construction | 9/12/2014 | 5/3/2016 | 6/16/2016 | / / | N | Y | N | 2,256 | 3,172 | 3,172 | | N/A | | N/A | Topock-San Bernardino County |
| 296 | Expense | Base | Y | 35829 | 42107917 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 53.07 TO 53.08 REPAINT SPAN | Construction | 9/15/2014 | 4/29/2016 | 5/19/2016 | / / | N | Y | N | 1,500 | 2,938 | 2,956 | | N/A | | N/A | Topock-San Bernardino County |
| 297 | Expense | Base | Y | 35866 | 42107914 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400 MP 178.81 TO 178.83 REPAINT SPAN | Construction | 8/20/2015 | 12/1/2016 | 12/16/2016 | / / | Y | Y | N | 1,159 | 5,477 | 606,659 | | N/A | | N/A | Willows-Glenn County |
| 298 | Expense | Base | Y | 35409 | 42272440 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L1816-16 - CP INTERFERENCE DIGS | Construction | 10/16/2014 | 8/11/2016 | 8/10/2016 | 8/11/2016 | N | Y | N | 308,324 | 307,072 | 477,172 | | N/A | | N/A | Local Transmission-Central Coast-Santa Cruz County |
| 299 | Expense | Base | Y | 35523 | 42714150 | 8 | GT Integrity Managem | 8+ | TIMP Pipeline Preass | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | GT DFM-1001-02 MP 0.00-0.60 TEST T-1204 | Close-Out | 8/21/2014 | 10/28/2014 | 12/10/2014 | 12/2/2014 | N | N | N | 152 | 379,301 | 379,301 | | N/A | | N/A | Tracy-Stockton-San Joaquin County |
| 300 | Expense | Base | Y | 35257 | 42279875 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | GT L-002 MP 133.79 RECOAT | Close-Out | 7/7/2014 | 12/8/2014 | 8/1/2016 | / / | N | N | Y | 414,524 | 534,753 | 534,753 | | N/A | | N/A | [illegible]-San Joaquin County |
| 301 | Expense | Base | Y | 7912 | 40764800 | JT | GT Reliability & Gen | JTE | Station Compressor Rel | 5010910-COMPRESSOR RENTALS LEASES AGREEMENTS | BURNEY K-2 GAS GENERATOR LEASE | Close-Out | 4/1/1998 | 4/1/1998 | 5/28/2016 | 12/28/2015 | N | Y | N | 65 | 1,525,314 | 1,531,314 | | N/A | | N/A | Burney |
| 302 | Expense | Base | Y | 6789 | 40764801 | JT | GT Reliability & Gen | JTE | Station Compressor Rel | 5010910-COMPRESSOR RENTALS LEASES AGREEMENTS | DELEVAN "K-3" EXTENDED SERVICE AGREEMENT | Construction | 11/1/2000 | 11/1/2000 | 12/31/2015 | 12/31/2015 | N | Y | N | 10,319 | 1,673,705 | 1,673,705 | | N/A | | N/A | Willows |
| 303 | Expense | Base | Y | 6880 | 40764803 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010817-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TIONESTA K1 GAS GENERATOR OVERHAUL | Construction | 4/1/2013 | 8/4/2015 | 11/11/2015 | 10/17/2015 | Y | N | N | 17,582 | 17,582 | 17,582 | | N/A | | N/A | Burney |
| 304 | Expense | Base | Y | 8585 | 42764388 | JT | GT Reliability & Gen | JTF | Station Compressor Ove | 5010914-COMPRESSOR OVERHAULS & INSPECTIONS | TIONESTA K1 GG 48K-LIFE INSPECTION | Close-Out | 12/18/2000 | 3/1/2013 | 5/26/2016 | 5/28/2010 | N | Y | N | 1,129 | 833,134 | 833,034 | | N/A | | N/A | Burney |
| 305 | Expense | Base | Y | 13485 | 42764503 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010817-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | KETTLEMAN SOLAR SERVICE CONTRACT | Construction | 6/1/2001 | 7/1/2002 | 11/28/2017 | 11/28/2017 | N | Y | N | 27,878 | 708,374 | 1,028,374 | | N/A | | N/A | Kettleman-Fresno |
| 306 | Expense | Base | Y | 13615 | 42764505 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010817-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | GERBER K-1 EXTENDED SERV AGREEMENT | Close-Out | 9/1/2002 | 10/1/2003 | 12/31/2014 | 12/31/2014 | N | N | N | 8,980 | 372,848 | 372,849 | | N/A | | N/A | Willows |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSEP ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Planned Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | RCA (Y/N/ N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Regulation Recommendation (Y/N/ N/A) | District/Division/County |
| 307 | Expense | Base | Y | 15722 | 40794805 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | MCOI K1/K4 K5 K6 GAS COMPR SERVICES | Construction | 12/13/2008 | 1/1/2009 | 12/31/2015 | 12/31/2015 | N | Y | N | 65,140 | 11,650,088 | 11,650,088 | | N/A | | N/A | Mcdonald Island-Diablo |
| 308 | Expense | Base | Y | 15838 | P.01501 | JT | GT Reliability & Gen | JTO | Encroachments | 502880-PIPELINE ROW ENCROACHMENTS | Program - Gas Gathering Expense WRO | Close-Out | 1/13/2008 | 3/1/2008 | 6/14/2008 | 6/14/2008 | N | N | N | 968 | 214,313 | 214,313 | | N/A | | N/A | Meridian-North Valley |
| 309 | Expense | Base | Y | 15888 | 40794817 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 501700-GT EMERG & UNFORESEEN PL REPAIR | MISC. GAS GATHERING EXPENSE ACTIVITIES | Construction | 1/13/2000 | 3/1/2000 | 12/31/2015 | 12/31/2015 | N | Y | N | 276 | 373,051 | 373,051 | | N/A | | N/A | Systemwide-Systemwide |
| 310 | Expense | Base | Y | 15762 | 2020128 | JT | GT Reliability & Gen | JTI | Gas Metering and Cntrl | 501780-GT EMERG & UNFORESEEN PERMITS AND FEES | CGT GAS MEASUREMENT | Close-Out | 4/1/2009 | 4/1/2009 | 6/28/2013 | 6/28/2013 | N | Y | N | 336,987 | 8,422,035 | 8,422,035 | | N/A | | N/A | Systemwide-Systemwide/Multiple Counties |
| 311 | Expense | Base | Y | 16010 | 40794834 | JT | GT Reliability & Gen | JTF | Station Compressor Ovr | 501001-COMPRESSOR OVERHAULS & INSPECTIONS | LOS MEDANOS K1 ANNUAL MAINT 2013/2014 | Close-Out | 2/18/2013 | 7/1/2013 | 3/1/2014 | 3/1/2014 | N | N | N | -427 | 1,145,436 | 1,145,436 | | N/A | | N/A | Los Medanos-Diablo |
| 312 | Expense | Base | Y | 16011 | 40794825 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | LOS MEDANOS K1 ANNUAL MAINT 2014/2015 | Close-Out | 3/1/2014 | 12/15/2014 | 6/13/2015 | 4/8/2015 | N | Y | N | 607,484 | 659,014 | 659,014 | | N/A | | N/A | Los Medanos-Diablo |
| 313 | Expense | Base | Y | 16019 | 40704918 | JT | GT Reliability & Gen | JTF | Station Compressor Ovr | 501780-GT EMERG & UNFORESEEN COMP OH & INSPECTS | MCOI K1/K2 ANNUAL MAINTENANCE 2012/2013 | Close-Out | 1/3/2012 | 1/3/2013 | 8/2/2013 | 8/29/2013 | N | N | N | 600,640 | 782,875 | 782,875 | | N/A | | N/A | Mcdonald Island-Diablo |
| 314 | Expense | Base | Y | 16018 | 40704919 | JT | GT Reliability & Gen | JTF | Station Compressor Ovr | 501780-GT EMERG & UNFORESEEN COMP OH & INSPECTS | MCOI K1/K2 ANNUAL MAINTENANCE 2013/2014 | Close-Out | 6/18/2013 | 1/2/2014 | 3/21/2014 | 3/1/2014 | N | N | N | 53,123 | 670,173 | 670,173 | | N/A | | N/A | Mcdonald Island-Diablo |
| 315 | Expense | Base | Y | 16347 | 40794820 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | MCOI K1/K2 ANNUAL MAINTENANCE 2014/2015 | Close-Out | 3/1/2014 | 12/15/2014 | 4/10/2015 | 3/31/2015 | N | N | Y | 310,770 | 419,136 | 419,136 | | N/A | | N/A | Mcdonald Island-Diablo |
| 316 | Expense | Base | Y | 17137 | 40794835 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | SANTA CRUZ - COMPRESSOR LEASE | Construction | 12/12/2008 | 1/1/2009 | 12/31/2016 | 12/31/2016 | N | Y | N | 38,259 | 322,612 | 372,612 | | N/A | | N/A | Local Trans-south-Central Coast |
| 317 | Expense | Base | Y | 17878 | P.04275 | JT | GT Reliability & Gen | JTG | Storage Well | 502470-ANNUAL STORAGE WELLS WSIT LOG SURVEY | Ugs Storage Well Casing Integrity Survey | Close-Out | 2/1/2013 | 2/1/2013 | 11/02/2015 | 11/02/2015 | N | N | N | 402 | 1,453,481 | 1,453,481 | | N/A | | N/A | Mcdonald Island-Diablo-San Joaquin County |
| 318 | Expense | Base | Y | 17877 | 40754289 | JT | GT Reliability & Gen | JTG | Storage Well | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | "CAMPUGS STORAGE WELL CASING INTEGRITY | Close-Out | 9/1/2013 | 9/13/2013 | 8/28/2015 | 11/02/2013 | N | N | N | | | | | N/A | | N/A | Local Trans-Systemwide |
| 319 | Expense | Base | Y | 18034 | 40755283 | JT | GT Reliability & Gen | JTC | Pressure Tests | 501760-0804-03 UPRATE LAFAYETTE DFM | DFM 0803-01 UPRATE 3 MILES MILES | Close-Out | 1/18/2011 | 3/8/2015 | 6/23/2015 | 9/4/2015 | N | N | Y | 2,023,911 | 2,843,424 | 2,843,424 | | N/A | | N/A | Local Trans-north-Mission |
| 320 | Expense | Base | Y | 18264 | 40757848 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501001-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | MCOI K/Y K8 K9 GAS COMPRESSION SVS | Construction | 12/1/2009 | 12/1/2009 | 12/28/2017 | 12/28/2017 | N | Y | N | 611,306 | 8,763,237 | 13,353,337 | | N/A | | N/A | Mcdonald Island-Diablo |
| 321 | Expense | Base | Y | 13297 | 42800570 | JT | GT Reliability & Gen | JT4 | Pipeline WRO Convey | 503319-WRO CONDUCTS W/S ANTIOCH TERM NOW ROAD | WRO CONDUCTS W/S ANTIOCH TERMINUS ROAD | Construction | 5/1/2009 | 5/1/2009 | 12/29/2015 | 12/29/2016 | N | N | N | | 37,004 | 37,004 | | N/A | | N/A | Local Trans-north-Diablo |
| 322 | Expense | Base | Y | 12781 | 41016885 | JT | GT Reliability & Gen | JTG | Storage Well | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | CONTROL SYS SOFTWARE MANAGEMENT SYSWIDE | Construction | 12/16/2011 | 12/1/2011 | 12/31/2020 | 12/31/2020 | N | N | N | | 351,612 | 1,401,612 | | N/A | | N/A | Systemwide-Systemwide |
| 323 | Expense | Base | Y | 18863 | 41017363 | JT | GT Reliability & Gen | JTC | Pressure Tests | 501760-0804-03 UPRATE LAFAYETTE DFM | DFM0804-01 MP0.0 - 0.6 CAPACITY/ARSUMELS | Close-Out | 1/18/2010 | 6/22/2013 | 10/3/2013 | 10/23/2013 | N | N | N | 2,875 | 617,855 | 617,855 | | N/A | | N/A | Local Trans-north-Sierra |
| 324 | Expense | Base | Y | 20078 | 41412303 | JT | GT Reliability & Gen | JTR | C&P Stn Work Except | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | KETTLEMAN-CATALYST REPLACEMENT PROGRAM | Construction | 8/1/2014 | 4/1/2014 | 6/29/2017 | 6/29/2017 | N | Y | N | 928 | 2,030 | 202,030 | | N/A | | N/A | Kettleman-Fresno-Fresno County |
| 325 | Expense | Base | Y | 20083 | 41471917 | JT | GT Reliability & Gen | JTC | Pressure Tests | 501760-0804-03 UPRATE LAFAYETTE DFM | DFM-0807-01 MP 0.00-5.08 TEST T-283 | Construction | 12/7/2010 | 5/29/2015 | 6/29/2015 | 8/1/2015 | N | Y | N | 1,291,866 | 1,655,574 | 1,655,574 | | N/A | | N/A | Local Trans-south-De Anza-Santa Clara County |
| 326 | Expense | Base | Y | 21794 | 41152825 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT GATHERING, COMMON, SUPPORT | Construction | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | Y | N | 130,770 | 650,442 | 906,442 | | N/A | | N/A | Systemwide-Systemwide |
| 327 | Expense | Base | Y | 21789 | 41152872 | JT | GT Reliability & Gen | JTG | Storage Well | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | GT STORAGE, COMMON, MAPPING | Construction | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | N | N | | 817,529 | 1,847,529 | | N/A | | N/A | Systemwide-Systemwide |
| 328 | Expense | Base | Y | 21740 | 41152873 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT STORAGE, COMMON, SUPPORT | Construction | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | Y | N | 7,718 | 165,133 | 303,133 | | N/A | | N/A | Systemwide-Systemwide |
| 329 | Expense | Base | Y | 21733 | 41153003 | JT | GT Reliability & Gen | JTD | Pipeline Other | 502450-GT PAINTING & COATING MAINTENANCE | GT L300 COMMON, MAPPING | Construction | 1/1/2010 | 1/1/2010 | 12/28/2018 | 12/28/2018 | N | N | N | | 1,165,636 | 1,165,636 | | N/A | | N/A | Systemwide-Systemwide |
| 330 | Expense | Base | Y | 21749 | 41153007 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT L300 COMMON, DESIGN DRAFTING | Close-Out | 1/1/2010 | 1/1/2010 | 4/1/2015 | 4/1/2015 | N | N | Y | | 285,034 | 285,034 | | N/A | | N/A | Systemwide-Systemwide |
| 331 | Expense | Base | Y | 21748 | 41153010 | JT | GT Reliability & Gen | JTD | Pipeline Other | 502450-GT PAINTING & COATING MAINTENANCE | GT L400 COMMON, MAPPING | Close-Out | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | N | N | | 1,223,131 | 1,223,131 | | N/A | | N/A | Systemwide-Systemwide |
| 332 | Expense | Base | Y | 21743 | 41153012 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT L400 COMMON, SUPPORT | Construction | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | Y | N | 85,317 | 571,320 | 625,320 | | N/A | | N/A | Systemwide-Systemwide |
| 333 | Expense | Base | Y | 21877 | 41153201 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT LOCAL TRANS, COMMON, SUPPORT | Construction | 1/1/2010 | 1/1/2010 | 12/31/2022 | 12/31/2022 | N | Y | N | 1,314,909 | 7,352,629 | 12,582,629 | | N/A | | N/A | Systemwide-Systemwide |
| 334 | Expense | Base | Y | 21085 | 41153004 | JT | GT Reliability & Gen | JT1 | PMO_Engineering Supp | 502450-GT PAINTING & COATING MAINTENANCE | GT L300 COMMON, SUPPORT | Construction | 1/1/2010 | 1/1/2010 | 12/31/2017 | 12/31/2017 | N | Y | N | 6,426 | 231,758 | 317,758 | | N/A | | N/A | Hinkley |
| 335 | Expense | Base | Y | 22187 | 41386563 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 501780-GT EMERG & UNFORESEEN OTH EXP SPEC PROJ | GREENHOUSE GAS REPORTING (AB32, CFR40) | Construction | 7/1/2010 | 7/1/2010 | 12/31/2017 | 12/31/2017 | N | Y | N | 61,022 | 1,221,181 | 2,200,611 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 336 | Expense | Base | Y | 22219 | 41450000 | JT | GT Reliability & Gen | JTR | C&P Stn Work Except | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TOPOCK OVERPRESSURE INCIDENT TOPOCK VERD | Close-Out | 2/1/2011 | 2/1/2011 | 8/30/2011 | 8/30/2011 | N | N | N | 765 | 1,232,980 | 1,282,980 | | N/A | | N/A | Topock-Kern-San Bernardino County |
| 337 | Expense | Base | Y | 23577 | P.05320 | KE | GT Reliability & Gen | KE1 | Pressure Tests | 501030-STRENGTH TESTING | DFM-1815-02 TEST 10.0250 MP7.29-14.70WGS | Construction | 8/8/2014 | 10/13/2014 | 3/23/2015 | 11/11/2014 | N | N | Y | 1,525,687 | 4,895,141 | 4,895,141 | | N/A | 2011P | N/A | Local Trans-south-Central Coast-Monterey County |
| 338 | Expense | Base | Y | 24304 | 41452003 | JT | GT Reliability & Gen | JT4 | Shallow Pipe | 502450-GT PAINTING & COATING MAINTENANCE | RT-132 LINE 177A MP 101.87 EROSION ... | Estimation | 5/12/2011 | 8/8/2015 | 7/15/2016 | 7/1/2016 | N | Y | N | 53,718 | 359,677 | 594,677 | | N/A | | N/A | Local Trans-north-North Coast-Contra Costa-Tracy Count |
| 339 | Expense | Base | Y | 24611 | 41503123 | JT | GT Reliability & Gen | JT4 | Shallow Pipe | 502450-GT PAINTING & COATING MAINTENANCE | R-002 DFM 1816-01 MP 5.88 EXPOSED PIPE | Construction | 6/19/2013 | 5/2/2016 | 6/14/2016 | 5/31/2016 | N | Y | N | 18,988 | 75,272 | 525,713 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Cruz County |
| 340 | Expense | Base | Y | 24576 | 41516657 | JT | GT Reliability & Gen | JTG | Storage Well | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | SYSTEMWIDE SECURITY SYS CONTRACTED MTC | Construction | 1/6/2012 | 2/1/2012 | 12/31/2015 | 12/31/2015 | N | Y | N | 150,500 | 545,239 | 4,045,239 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 341 | Expense | Base | Y | 25133 | P.04075 | JT | GT Reliability & Gen | JTK | Vegetation Manage Pr | 501800-VEGETATION MGMT - ROUTINE | 2012 Row Vegetation Program | Close-Out | 1/1/2012 | 1/1/2012 | 12/31/2012 | 12/31/2013 | N | N | N | 256 | 2,305,457 | 2,305,457 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 342 | Expense | Base | Y | 25138 | 41524742 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 502010-GT PIPELINE OTHER | L-107 MP 73.02 REPLACE ELBOW SUMOL | Close-Out | 8/1/2011 | 8/1/2011 | 2/13/2014 | 2/13/2014 | N | N | N | 704 | 417,857 | 422,857 | | N/A | | N/A | Tracy-Mission-San Joaquin County |
| 343 | Expense | Base | Y | 25357 | P.05957 | JT | GT Reliability & Gen | JTN | Permits & Fees | 501020-GSM&TS PERMITS AND FEES | Cal State Lands Master Lease - WSG | Construction | 2/1/2012 | 2/1/2012 | 12/31/2032 | 12/31/2032 | N | Y | N | 307,439 | 3,321,071 | 6,701,071 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 344 | Expense | Base | Y | 25457 | 41559492 | JT | GT Reliability & Gen | JTD | Pipeline Other | 502450-GT PAINTING & COATING MAINTENANCE | RT-134 L133X PURGE ABANDONED GAS LINE | Close-Out | 3/23/2012 | 4/1/2012 | 8/18/2015 | 8/30/2015 | N | N | Y | 370,380 | 421,339 | 423,828 | | N/A | | N/A | Local Trans-north-Mission-Alameda County |
| 345 | Expense | Base | Y | 25529 | 41900408 | JT | GT Reliability & Gen | JTK | Vegetation Manage Pr | 501800-VEGETATION MGMT - ROUTINE | GAS TRANSMISSION VEGETATION MAINTENANCE | Construction | 10/1/2013 | 10/1/2013 | 12/28/2020 | 12/28/2020 | N | Y | N | 158,983 | 527,448 | 20,042,713 | | N/A | | N/A | Systemwide-Systemwide |
| 346 | Expense | Base | Y | 28031 | 41602461 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 502010-GT PIPELINE OTHER | PROPERTY DISPENDATION EMBCO STATION | Close-Out | 6/19/2011 | 8/3/2013 | 4/10/2014 | 8/8/2013 | N | N | N | 28,047 | 516,490 | 516,490 | | N/A | | N/A | Local Trans-north-Mission-Alameda County |
| 347 | Expense | Base | Y | 28041 | 41672248 | JT | GT Reliability & Gen | JTW | M&C Stn work Except | 502211-M&C STATION WORK EXCEPT ECA | DREDGES V-310 REPLACE | Close-Out | 8/28/2012 | 9/1/2012 | 8/8/2014 | 8/8/2014 | N | N | N | 802 | 25,384 | 30,084 | | N/A | | N/A | Local Trans-north-North Valley-Glenn County |
| 348 | Expense | Base | Y | 26550 | P.04338 | JT | GT Reliability & Gen | JTW | M&C Stn work Except | 501001-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | SYSTEMWIDE - BECKER CONTROLS UPGRADE | Construction | 3/1/2012 | 3/1/2012 | 7/28/2015 | 7/28/2015 | N | Y | N | 188,703 | 2,734,947 | 2,734,947 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 349 | Expense | Base | Y | 28820 | 41650265 | JT | GT Reliability & Gen | JTP | Station Compressor Ovr | 501011-COMPRESSOR OVERHAULS & INSPECTIONS | TOPOCK K3 ENGINE OVERHAUL | Close-Out | 4/1/2013 | 4/1/2013 | 6/28/2016 | 6/28/2016 | N | Y | N | -18,070 | 422,008 | 430,008 | | N/A | | N/A | Topock-Kern-San Bernardino County |
| 350 | Expense | Base | Y | 28862 | 41726339 | JT | GT Reliability & Gen | JTW | M&C Stn work Except | 502211-M&C STATION WORK EXCEPT ECA | SYSTEMWIDE GT ELECT MTC PROCEDURES | Construction | 6/18/2013 | 10/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 136,225 | 391,302 | 391,302 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 351 | Expense | Base | Y | 26607 | blank | JT | GT Reliability & Gen | JTG | Storage Well | 501001-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | GT Plastic Hosting & Integration | Engineering/Permitting | 6/10/2013 | 7/1/2016 | 12/28/2017 | 12/28/2017 | N | N | N | | | 1,302,000 | | N/A | | N/A | Local Trans-Systemwide |
| 352 | Expense | Base | Y | 26872 | blank | JT | GT Reliability & Gen | JTD | Pipeline Other | 502450-GT PAINTING & COATING MAINTENANCE | Topock Station Upgrades | Engineering/Permitting | 5/1/2015 | 7/1/2016 | 6/28/2016 | 6/28/2016 | Y | N | N | | | | | N/A | | N/A | Topock |
| 353 | Expense | Base | Y | 26809 | 41729525 | JT | GT Reliability & Gen | JTQ | HCA / Class Location | 502487-GT CLASS LOCATION-YD | CLASS LOCATION STUDY | Construction | 4/1/2012 | 4/1/2013 | 1/1/2016 | 1/1/2015 | N | Y | N | 880,625 | 6,401,471 | 11,571,471 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 354 | Expense | Base | Y | 28010 | 41805274 | JT | GT Reliability & Gen | JT6 | General Pipe Repair | 501700-GT EMERG & UNFORESEEN PL REPAIR | L131 MP-45.07 REPAIR LEAK | Close-Out | 4/4/2012 | 4/1/2012 | 11/27/2013 | 11/27/2013 | N | N | N | 1,490 | 184,411 | 338,820 | | N/A | | N/A | Milpitas/Milpitas-Mission-Alameda County |
| 355 | Expense | Base | Y | 27323 | blank | JT | GT Reliability & Gen | JTJ | GT Information Techn | 501780-GT EMERG & UNFORESEEN PERMITS AND FEES | GHG - CO2 Compliance Allowance | Engineering/Permitting | 12/1/2014 | 7/1/2015 | 12/31/2016 | 12/31/2016 | N | N | N | | | 4,200,000 | | N/A | | N/A | Systemwide-Systemwide |
| 356 | Expense | Base | Y | 27408 | 41132718 | JT | GT Reliability & Gen | JTP | Right-of-Way | 502250-PIPELINE CENTERLINE | GT CENTERLINE SURVEY | Close-Out | 7/1/2012 | 7/1/2012 | 4/28/2015 | 4/28/2015 | N | N | Y | 112,373 | 55,848,735 | 55,848,735 | | N/A | | N/A | Local Trans-Systemwide-San Francisco County |
| 357 | Expense | Base | Y | 27751 | P.06691 | JT | GT Reliability & Gen | JTP | Right-of-Way | 502400-ENHANCED PIPELINE PATROL SC | ENHANCED PIPELINE PATROL SC | Close-Out | 10/23/2012 | 11/1/2012 | 1/20/2015 | 1/20/2015 | N | N | Y | -18,549 | 13,924,813 | 13,924,813 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 358 | Expense | Base | Y | 27820 | 41716578 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 502010-GT PIPELINE OTHER | 2140-01 MP 0.23 BERKELEY REPLACE 1 | Close-Out | 7/30/2012 | 7/30/2013 | 8/8/2015 | 7/29/2015 | N | N | N | 8,104 | 568,503 | 588,100 | | N/A | | N/A | Local Trans-north-East Bay-north-Contra Costa Coun |
| 359 | Expense | Base | Y | 28020 | 41728307 | JT | GT Reliability & Gen | JTW | M&C Stn work Except | 501251-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | SWINGLE JUNC STA - MERCURY REMEDIATION | Close-Out | 6/14/2013 | 9/30/2013 | 1/20/2014 | 10/17/2013 | N | N | N | 497 | 1,081,880 | 1,081,880 | | N/A | | N/A | Local Trans-south-Stanislaus-Yolo County |
| 360 | Expense | Base | Y | 28077 | 42021729 | JT | GT Reliability & Gen | JTN | Permits & Fees | 501050-GSM&TS PERMITS AND FEES | MITIGATE RETIRED LEVEE/ LEVEE CROSSINGS | Construction | 8/1/2014 | 4/1/2014 | 12/28/2020 | 12/28/2020 | N | Y | N | 3,217 | 30,944 | 600,944 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PSEP Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Close Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project kept in reporting period (Y/N) (Order Start Date) | Project Uncertainty in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | NSA (Y/N or N/A) | Capital Project Described in any Rate Case Which Covers (Case Year or Blank)? | Government Requirement/Recommendation (Y/N or N/A) | Docket/District/County |
| 361 | Expense | Base | Y | 29492 | 41773214 | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5017804-GT EMERG & UNFORESEEN PL REPAIR | REPORTED L-057B MP4.878 DIG-IN DACON RD. | Close-Out | 12/1/2012 | 12/1/2012 | 4/3/2013 | 4/3/2013 | N | N | N | 529 | 1,054,454 | 1,054,454 | | N/A | | N/A | McDonald Island-Central Coast-San Joaquin County |
| 362 | Expense | Base | Y | 29459 | 41812404 | JT | GT Reliability & Gas | JTJ | GT Information Techn | 5017800-GT EMERG & UNFORESEEN PERMITS AND FEES | PRIMAVERA ONGOING MAINTENANCE EXPENSE | Construction | 11/1/2012 | 11/1/2012 | 12/28/2018 | 12/28/2018 | N | N | N | | 670,043 | 3,050,595 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 363 | Expense | Base | Y | 29171 | 41811421 | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5017804-GT EMERG & UNFORESEEN PL REPAIR | L314- MP 22.8,23.3 AND 23.35 LEAK REPAIR | Close-Out | 11/1/2012 | 11/1/2012 | 12/3/2012 | 12/3/2012 | N | N | N | 652 | 658,000 | 604,705 | | N/A | | N/A | Hinkley-Kern-[illegible]-San Bernardino County |
| 364 | Expense | Base | Y | 29405 | P.06333 | JT | GT Reliability & Gas | JTW | M&C Stn work Except | 5012517-OTHER GSMETS EXPENSE SPECIFIC PROJECTS | SYSTEMWIDE-BECKER CONTROLS UPGRADE 2013 | Close-Out | 1/1/2013 | 1/1/2013 | 12/15/2014 | 12/15/2014 | N | N | N | 136,608 | 787,080 | 787,080 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 365 | Expense | Base | Y | 29587 | 41640[illegible] | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-109 TEST & T1500 MP 2.60-2.80 PH1 | Close-Out | 2/1/2013 | 2/1/2013 | 8/29/2013 | 8/29/2013 | N | N | Y | 71,957 | 412,878 | 412,578 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 366 | Expense | Base | Y | 29602 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | L-314 MP 22.21 Erosion along access road | Engineering/Permitting | 7/27/2014 | 7/1/2015 | 7/1/2016 | 12/31/2014 | N | N | N | | | | | N/A | | N/A | Hinkley-Kern |
| 367 | Expense | Base | Y | 30104 | 41872888 | JT | GT Reliability & Gas | JTN | Reliability Improvem | 5021254-CM CASING TRAILER | L-108 SYSTEM POTHOLE POWERPOLES | Close-Out | 3/1/2013 | 12/2/2014 | 2/19/2015 | 2/14/2015 | N | N | Y | 124,360 | 347,602 | 347,050 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 368 | Expense | Base | Y | 30175 | 41878[illegible] | JT | GT Reliability & Gas | JTU | M&C EOA and On mgm | 5027522-CRITICAL DOCUMENTS STATION SYS-WIDE | GAS SAFETY EXC AND RATE CASE FOR M&C/GSP | Construction | 4/1/2013 | 4/1/2013 | 12/28/2019 | 12/28/2019 | N | Y | N | 182,801 | 1,670,937 | 1,670,957 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 369 | Expense | Base | Y | 30303 | 42047429 | JT | GT Reliability & Gas | JTW | M&C Stn work Except | 5032111-M&C STATION WORK EXCEPT ECA | ANTIOCH TERM ESKA CONTROL BOARDS | Close-Out | 12/1/2013 | 12/1/2013 | 11/25/2014 | 11/25/2014 | N | N | N | 6,038 | 253,314 | 253,314 | | N/A | | N/A | Los Medanos-Contra Costa County |
| 370 | Expense | Base | Y | 32253 | 41891491 | JT | GT Reliability & Gas | JTP | Station Compress Ove | 5010811-COMPRESSOR OVERHAULS & INSPECTIONS | BURNEY LM1500 INSPECTION AND TEST Hub | Close-Out | 11/21/2013 | 12/1/2013 | 9/25/2016 | 9/25/2016 | N | Y | N | 288 | 393,579 | 252,079 | | N/A | | N/A | Burney-Shasta County |
| 371 | Expense | Base | Y | 32340 | 41888820 | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5010816-PIPELINE REPAIR - ROW | RT-009 21G_MP 05.43_REPLACE 40' OF 12PS | Close-Out | 3/1/2014 | 10/28/2014 | 10/10/2014 | 11/4/2014 | N | N | N | 43,079 | 384,411 | 380,011 | | N/A | | N/A | Local Trans-north-North Coast-[illegible] Coun |
| 372 | Expense | Base | Y | 32446 | 41806052 | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5017804-GT EMERG & UNFORESEEN PL REPAIR | L-109 MP 27.05 CANADA RD HWY 92 LEAK | Close-Out | 4/1/2013 | 4/1/2013 | 11/14/2013 | 11/14/2013 | N | N | N | 17,527 | 457,730 | 457,739 | | N/A | | N/A | [illegible]-Peninsula-Santa Clara County |
| 373 | Expense | Base | Y | 32929 | P.22224 | GM | GT Reliability & Gas | GRD | Pressure Tests | 5072814-PIPELINE HYDROTESTS / UPRATES - CASING | Line 148 Strength Test Repairs WBS | Close-Out | 3/1/2013 | 3/1/2013 | 12/1/2013 | 12/1/2013 | N | N | N | 5,753 | 307,514 | 307,514 | | N/A | | N/A | Local Trans-south-Yosemite-[illegible] Coun |
| 374 | Expense | Base | Y | 32948 | 41671578 | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | L300A COLORADO RIVER BRIDGE STRUCTURE | Construction | 4/15/2013 | 11/2/2015 | 8/1/2018 | 4/4/2015 | N | Y | N | 137,328 | 279,295 | 1,409,295 | | N/A | | N/A | Topock-San Bernardino County |
| 375 | Expense | Base | Y | 30758 | blank | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5017804-GT EMERG & UNFORESEEN PL REPAIR | Insp and HTD Valve Reactivate Exp | Engineering/Permitting | 3/1/2014 | 7/1/2015 | 12/31/2017 | 12/31/2017 | N | N | N | | | 655,432 | | N/A | | N/A | Systemwide-Systemwide |
| 376 | Expense | Base | Y | 31025 | 41813455 | JT | GT Reliability & Gas | JTZ | Wells | 5025719-DEVELOP LEVEE MONITORING SYSTEM FOR MD | MCDONALD ISLAND CCG INTEGRITY MANAGEMENT | Close-Out | 6/1/2013 | 6/1/2013 | 12/31/2014 | 12/31/2014 | N | N | N | 223,881 | 455,001 | 455,001 | | N/A | | N/A | McDonald Island-Diablo-San Joaquin County |
| 377 | Expense | Base | Y | 31133 | 41863862 | JT | GT Reliability & Gas | JTW | M&C Stn work Except | 5032111-M&C STATION WORK EXCEPT ECA | SYSTEMWIDE TEST AND REPAIR REG STATIONS | Close-Out | 11/1/2013 | 11/1/2013 | 3/28/2016 | 3/28/2016 | N | Y | N | -127,307 | 690,000 | 655,080 | | N/A | | N/A | Systemwide-Systemwide |
| 378 | Expense | Base | Y | 31313 | 42176003 | JT | GT Reliability & Gas | JT4 | Shallow Pipe | 5022450-GT PAINTING & COATING MAINTENANCE | GENERAL SHALLOW PIPE EVAL & MITIGATION | Construction | 3/1/2014 | 6/1/2014 | 12/31/2020 | 12/31/2020 | N | Y | N | 402,533 | 605,785 | 605,785 | | N/A | | N/A | Systemwide-Systemwide-Santa Clara County |
| 379 | Expense | Base | Y | 31317 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | LT North Shallow Pipe Eval & Mitigation | Engineering/Permitting | 4/10/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 380 | Expense | Base | Y | 31318 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | LT City Shallow Pipe Eval & Mitigation | Engineering/Permitting | 4/10/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 381 | Expense | Base | Y | 31319 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | LT Bay Shallow Pipe Eval & Mitigation | Engineering/Permitting | 4/10/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 382 | Expense | Base | Y | 31320 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | LT CCoast Shallow Pipe Eval & Mitigation | Engineering/Permitting | 4/10/2015 | 7/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 383 | Expense | Base | Y | 31404 | 41301704 | JT | GT Reliability & Gas | JTJ | GT Information Techn | 5017800-GT EMERG & UNFORESEEN PERMITS AND FEES | PRIMAVERA UNIFIER LONG TERM O&M EXPENSE | Construction | 7/22/2013 | 7/22/2013 | 7/22/2018 | 7/22/2018 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 384 | Expense | Base | Y | 31536 | 41844101 | JT | GT Reliability & Gas | JTA | Pipeline W/RO Expense | 5012816-W/RO CONFLICTS MS ANTIOCH TERM NEW ROAD | L153A_MPT 43-8.83_SHALLOW/COVERAGE/ASSESSMENT | Close-Out | 8/14/2013 | 8/1/2013 | 2/22/2018 | 2/22/2018 | N | Y | N | 1,432 | 554,802 | 556,044 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 385 | Expense | Base | Y | 31574 | blank | JT | GT Reliability & Gas | JTG | Storage Well | 5012517-OTHER GSMETS EXPENSE SPECIFIC PROJECTS | Various Stations Process Safety Studies | Engineering/Permitting | 12/1/2014 | 7/1/2016 | 8/28/2019 | 8/28/2019 | N | N | N | | | 1,010,718 | | N/A | | N/A | Systemwide-Systemwide |
| 386 | Expense | Base | Y | 32115 | 41376440 | JT | GT Reliability & Gas | JTB | General Pipe Repair | 5017804-GT EMERG & UNFORESEEN PL REPAIR | GT 131 MP-43.78 RPLC 15 FT OF 34-IN | Close-Out | 11/1/2013 | 11/1/2013 | 4/28/2015 | 4/28/2015 | N | N | Y | 5,704 | 314,001 | 314,001 | | N/A | | N/A | [illegible]-Mission-Alameda County |
| 387 | Expense | Base | Y | 32299 | 41909279 | JT | GT Reliability & Gas | JTX | CSP Stn Work Except | 5032115-CSP STATION WORK EXCEPT ECA | HINKLEY C8 SMALL DIAMETER LINE CORROSION | Close-Out | 11/1/2013 | 11/1/2013 | 6/29/2015 | 6/29/2015 | N | N | Y | -11,838 | 557,148 | 557,148 | | N/A | | N/A | Hinkley-San Bernardino County |
| 388 | Expense | Base | Y | 32878 | 42028893 | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | TCI WELD - VALIDATION PLANNING & DATA MG | Close-Out | 12/3/2013 | 1/13/2016 | 2/2/2016 | 2/2/2016 | N | N | Y | 409,125 | 2,425,576 | 2,425,576 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 389 | Expense | Base | Y | 32450 | 42001254 | JT | GT Reliability & Gas | JTI | Gas Measured and Chro | 5017800-GT EMERG & UNFORESEEN PERMITS AND FEES | GAS QUALITY ANALYZER ASSESSMENTS | Close-Out | 3/1/2014 | 2/1/2014 | 4/28/2015 | 4/28/2015 | N | N | Y | 60,882 | 230,439 | 230,439 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 390 | Expense | Base | Y | 32462 | 42101189 | JT | GT Reliability & Gas | JT2 | Wrap and Lease | 5022450-GT PAINTING & COATING MAINTENANCE | GT L118 118A 172A LEVEE ROUTE ANALYSIS | Close-Out | 3/6/2014 | 6/8/2014 | 11/28/2014 | 8/12/2014 | N | N | N | 69,131 | 1,136,759 | 1,163,729 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 391 | Expense | Base | Y | 33103 | P.C7089 | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | Pipeline Access Roads WBS | Close-Out | 4/23/2014 | 11/1/2014 | 1/28/2015 | 1/28/2015 | N | N | Y | 3,429 | 943,658 | 943,658 | | N/A | | N/A | Hinkley-Kern-San Bernardino County |
| 392 | Expense | Base | Y | 33144 | 42100827 | JT | GT Reliability & Gas | JTW | M&C Stn work Except | 5032111-M&C STATION WORK EXCEPT ECA | SYSTEMWIDE - STATION HEALTH ASSESS PH2 | Construction | 3/1/2014 | 4/1/2014 | 12/28/2015 | 12/28/2015 | N | Y | N | 310,747 | 629,132 | 629,132 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 393 | Expense | Base | Y | 33750 | P.07613 | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | PLCL Remediations (ATO) | Construction | 9/1/2014 | 9/1/2014 | 7/25/2015 | 7/28/2015 | N | Y | N | 349,481 | 1,175,892 | 1,175,892 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 394 | Expense | Base | Y | 33829 | blank | JT | GT Reliability & Gas | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | DSM Comm-B, Sierra Comm, Sampson [illegible] | Engineering/Permitting | 11/14/2014 | 7/1/2016 | 12/28/2020 | 12/28/2020 | N | N | N | | | 10,000,000 | | N/A | | N/A | Local Trans-Systemwide |
| 395 | Expense | Base | Y | 33238 | 42006022 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | 0806-01 N 1ST SAN JOSE MOP INCREASE | Construction | 9/11/2014 | 10/18/2016 | 10/24/2018 | 10/25/2018 | N | Y | N | 250,165 | 558,082 | 558,082 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 396 | Expense | Base | Y | 33405 | 42119809 | JT | GT Reliability & Gas | JTA | Pipeline W/RO Expense | 5012816-W/RO CONFLICTS MS ANTIOCH TERM NEW ROAD | L-300A MP 472 FRY B ASM GEOTECH ISSUES | Construction | 12/8/2014 | 9/14/2016 | 10/14/2015 | 10/8/2015 | N | Y | N | 780,810 | 2,231,482 | 2,231,482 | | N/A | | N/A | [illegible]-San Jose-Santa Clara County |
| 397 | Expense | Base | Y | 33414 | 42118804 | JT | GT Reliability & Gas | JTY | JTC Safety Work | 5012517-OTHER GSMETS EXPENSE SPECIFIC PROJECTS | SYSTEMWIDE PIPELINE CONTROL SYSTEM SUPPO | Construction | 2/18/2015 | 4/1/2014 | 12/31/2015 | 12/31/2015 | Y | Y | N | 328,901 | 621,162 | 621,162 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 398 | Expense | Base | Y | 33680 | 42126815 | JT | GT Reliability & Gas | JTN | Reliability Improvem | 5021254-CM CASING TRAILER | L153 MP-42.43 ELBOW SPEC VERIFICATION | Close-Out | 5/1/2014 | 7/30/2014 | 11/29/2014 | 8/31/2014 | N | N | N | 137,882 | 741,148 | 741,140 | | N/A | | N/A | [illegible]-Mission-Alameda County |
| 399 | Expense | Base | Y | 33763 | 42122574 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | DFM 1816-01 TEST MP 6.88-11.49 PH2 | Construction | 4/1/2014 | 6/1/2014 | 8/1/2015 | 8/1/2015 | N | Y | N | 650,037 | 689,632 | 689,632 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Cruz County |
| 400 | Expense | Base | Y | 33800 | 42124783 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-114 MP 16.75-20.58 TEST T-1047 | Construction | 6/1/2014 | 6/1/2014 | 8/10/2016 | 8/10/2016 | N | Y | N | 61,281 | 211,330 | 211,330 | | N/A | | N/A | Local Trans-north-Diablo-Contra Costa County |
| 401 | Expense | Base | Y | 33807 | 42124804 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | DFM 1816-50 MP 0.00-1.05 TEST T-1039 | Construction | 6/1/2014 | 6/1/2014 | 7/24/2015 | 7/24/2015 | N | Y | N | 220,663 | 271,204 | 271,204 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Cruz County |
| 402 | Expense | Base | Y | 33812 | 42124781 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-300A MP 328.57-372.40 TEST T-1022 | Close-Out | 5/1/2014 | 5/1/2014 | 8/28/2015 | 8/28/2015 | N | N | Y | 88,759 | 176,251 | 173,251 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 403 | Expense | Base | Y | 33819 | 42172825 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | DFM 0805-01 MP 0.41-6.5 TEST T-1038 | Construction | 12/2/2014 | 7/29/2015 | 11/14/2015 | 12/28/2015 | N | Y | N | 263,520 | 329,408 | 329,408 | | N/A | | N/A | Local Trans-north-North Bay-[illegible] County |
| 404 | Expense | Base | Y | 33832 | 42125485 | JT | GT Reliability & Gas | JTW | M&C Stn work Except | 5032111-M&C STATION WORK EXCEPT ECA | MILPITAS UPGRADES | Close-Out | 5/1/2014 | 6/1/2014 | 5/28/2015 | 5/28/2015 | N | N | Y | 12,256 | 659,691 | 659,571 | | N/A | | N/A | [illegible]-Central Coast-Santa Clara County |
| 405 | Expense | Base | Y | 33848 | 42128803 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 23.06-26.59 TEST T-1030 | Construction | 6/1/2014 | 6/1/2014 | 4/22/2016 | 4/22/2016 | N | Y | N | 104,434 | 302,331 | 302,591 | | N/A | | N/A | Local Trans-south-Yosemite-Madera County |
| 406 | Expense | Base | Y | 33849 | 42123708 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 26.59-37.39 TEST T-1031 | Close-Out | 6/1/2014 | 6/1/2014 | 8/20/2015 | 8/20/2015 | N | N | Y | 2,022,802 | 2,507,942 | 2,507,942 | | N/A | | N/A | Local Trans-south-Yosemite-Madera County |
| 407 | Expense | Base | Y | 33850 | 42123715 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 37.725-43.64 TEST T-1032 | Close-Out | 6/1/2014 | 6/1/2014 | 8/7/2015 | 8/7/2015 | N | N | Y | 2,002,578 | 2,140,292 | 2,140,292 | | N/A | | N/A | Local Trans-south-Yosemite-Madera County |
| 408 | Expense | Base | Y | 33851 | 42125718 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 54.75-63.22 TEST T-1033 | Construction | 6/1/2014 | 6/1/2014 | 7/29/2015 | 7/29/2015 | N | Y | N | 258,623 | 623,388 | 623,388 | | N/A | | N/A | Local Trans-south-Yosemite-Merced County |
| 409 | Expense | Base | Y | 33853 | 42125790 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 63.22-68.88 TEST T-1235 | Construction | 6/1/2014 | 6/1/2014 | 6/29/2016 | 6/29/2016 | N | Y | N | 141,366 | 292,585 | 292,585 | | N/A | | N/A | Local Trans-south-Yosemite-Merced County |
| 410 | Expense | Base | Y | 33856 | 42123783 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 64.538-67.838 TEST T-1036 | Construction | 6/1/2014 | 6/1/2014 | 12/17/2015 | 12/17/2015 | N | Y | N | 104,656 | 294,213 | 294,213 | | N/A | | N/A | Local Trans-south-Yosemite-Merced County |
| 411 | Expense | Base | Y | 33857 | 42123785 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 72.33-75.24 TEST T-1037 | Construction | 6/1/2014 | 6/1/2014 | 8/19/2015 | 8/19/2015 | N | Y | N | 94,510 | 148,332 | 148,330 | | N/A | | N/A | Local Trans-south-Yosemite-Merced County |
| 412 | Expense | Base | Y | 33858 | 42123787 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 77.23-83.43 TEST T-1039 | Construction | 6/21/2014 | 7/20/2015 | 11/18/2016 | 10/17/2016 | N | Y | N | 140,678 | 272,120 | 272,120 | | N/A | | N/A | Local Trans-south-Yosemite-Merced County |
| 413 | Expense | Base | Y | 33874 | 42128800 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | L-118A MP 13.8-17.84 TEST T-1029 | Construction | 6/1/2014 | 6/1/2014 | 7/2/2016 | 7/2/2016 | N | Y | N | 2,072,259 | 2,345,579 | 2,345,579 | | N/A | | N/A | Local Trans-south-Yosemite-Madera County |
| 414 | Expense | Base | Y | 34457 | 42167033 | JT | GT Reliability & Gas | JTC | Pressure Tests | 5017803-0804-03 UPRATE LAFAYETTE DFM | GT L-302-175 TEST MP 0 TO MP 0.05 | Close-Out | 8/18/2014 | 8/26/2014 | 12/3/2014 | 10/14/2014 | N | N | N | 13,880 | 511,018 | 511,018 | | N/A | | N/A | Local Trans-north-Sacramento-Sutter County |

TABLE [illegible]
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date (or work started or underway in the reporting period) | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount Spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in any Rate Case filed papers (Case Year or Blank)? | Governance Requirement Recommendation (Y/N/ N/A) | District/Division/County |
| 415 | Expense | Base | Y | 34853 | 42102857 | JT | GT Reliability & Gen | JTN | Reliability Improvem | 5021204-CM CNG/LNG TRAILER | STA-W01_0.00_DIG EXISTING FORGED ELBOW | Close-Out | 8/1/2014 | 10/14/2014 | 12/10/2014 | 10/22/2014 | N | N | N | 13,407 | 277,970 | 277,578 | | N/A | | N/A | McDonald Island-Stockton-San Joaquin County |
| 416 | Expense | Base | Y | 35169 | 42183782 | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017003-0604-03 UPRATE LAFAYETTE DFM | DFM-0821-01 MP 4.8/5.6 TEST T-020 | Construction | 9/1/2014 | 8/1/2014 | 8/1/2015 | 8/1/2015 | N | Y | N | 610,100 | 680,342 | 680,342 | | N/A | | N/A | Local Transmission-North Bay-San Rafael-Marin County |
| 417 | Expense | Base | Y | 35343 | 42177852 | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017003-0604-03 UPRATE LAFAYETTE DFM | GT L-303-179 MP DIGITIZE PRESSURIZED ISSU | Close-Out | 8/22/2014 | 9/26/2014 | 12/13/2014 | 11/14/2014 | N | N | N | 13,000 | 485,640 | 435,588 | | N/A | | N/A | Meridian-Sacramento-Sutter County |
| 418 | Expense | Base | Y | 35528 | 42108130 | JT | GT Reliability & Gen | JTN | Reliability Improvem | 5021204-CM CNG/LNG TRAILER | GT L-118A MP 14.07&14.09 ELBOW REPLACEME | Close-Out | 9/1/2014 | 10/13/2014 | 12/23/2014 | 12/14/2014 | N | N | N | 21,006 | 344,004 | 344,453 | | N/A | | N/A | Local Transmission-Stockton-San Joaquin County |
| 419 | Expense | Base | Y | 35536 | 42177011 | JT | GT Reliability & Gen | JTD | Pipeline Other | 5020450-GT PAINTING & COATING MAINTENANCE | NAPA EARTHQUAKE STUDY L-021A MP 17.18 | Close-Out | 8/1/2014 | 8/1/2014 | 8/22/2014 | 8/22/2014 | N | N | N | -60,783 | 250,700 | 360,700 | | N/A | | N/A | Local Transmission-North Bay-Napa County |
| 420 | Expense | Base | Y | 35585 | 42192040 | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017003-0604-03 UPRATE LAFAYETTE DFM | GENERAL ORDER COSTS (JTC 2015) | Construction | 9/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 715,478 | 780,840 | 780,840 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 421 | Expense | Base | Y | 35864 | 42193240 | JT | GT Reliability & Gen | JTN | Reliability Improvem | 5021104-CM CNG/LNG TRAILER | IM PODS DATA ISSUES | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | -13,210 | 914,678 | 914,878 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 422 | Expense | Base | Y | 36158 | 42180854 | JT | GT Reliability & Gen | JTX | C&P Stn Mtce Except | 5202170-C&P STATION WORK EXCEPT ECA | MCDONALD ISLAND SECURITY GUARDS | Construction | 12/1/2014 | 12/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 28,094 | 97,852 | 397,650 | | N/A | | N/A | McDonald Island-Stockton-San Joaquin County |
| 423 | Expense | Base | Y | 36257 | 42273249 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5212515-PIPELINE REPAIR - ECA | L-062-01 GRADE 1 LEAK | Close-Out | 10/1/2014 | 10/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 14,000 | 325,294 | 327,401 | | N/A | | N/A | Local Transmission-North Bay-San Rafael-Marin County |
| 424 | Expense | Base | Y | 36572 | 42214887 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | GT L-300A MP 271 DIG IN BY THIRD PARTY | Close-Out | 10/1/2014 | 10/1/2014 | 4/22/2015 | 4/30/2015 | N | N | Y | -780,594 | -473,879 | -413,879 | | N/A | | N/A | Bakersfield-Kern-Kern County |
| 425 | Expense | Base | Y | 36600 | P.00501 | JT | GT Reliability & Gen | JTO | Encroachments | 5023889-PIPELINE ROW ENCROACHMENTS | PLCL Pipeline Mixture Remediation WBS | Construction | 1/1/2015 | 1/1/2015 | 12/31/2015 | 12/31/2016 | Y | Y | N | 3,051,859 | 5,000,249 | 12,603,249 | | N/A | | N/A | Local Transmission-North Valley-Multiple Counties |
| 426 | Expense | Base | Y | 36004 | 42220100 | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017003-0604-03 UPRATE LAFAYETTE DFM | DFM 7222-01 MP 0.00-0.01 TEST T-1078 | Close-Out | 10/1/2014 | 10/1/2014 | 4/24/2015 | 4/30/2015 | N | N | Y | 1,594,857 | 1,616,375 | 1,618,373 | | N/A | | N/A | Local Transmission-South-Yosemite-Stanislaus County |
| 427 | Expense | Base | Y | 36231 | 42283313 | JT | GT Reliability & Gen | JTU | MISC ECA and Stn Hydro | 5010517-OTHER GEMETS EXPENSE SPECIFIC PROJECTS | DIG CRITICAL ASSESS PH1 TECH DEVELOPMENT | Construction | 12/1/2014 | 12/1/2014 | 1/1/2016 | 1/1/2016 | N | Y | N | 649,550 | 1,010,178 | 1,010,178 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 428 | Expense | Base | Y | 36534 | 42283816 | JT | GT Reliability & Gen | JTU | MISC ECA and Stn Hydro | 5010517-OTHER GEMETS EXPENSE SPECIFIC PROJECTS | DIG CRITICAL ASSESS PH1 - DIG ANALYSIS | Construction | 12/1/2014 | 12/1/2014 | 1/1/2016 | 1/1/2016 | N | Y | N | 2,317,809 | 2,353,070 | 2,353,070 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 429 | Expense | Base | Y | 36587 | 42283304 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | GT L-401 MP 86.39 - 86.88 REPLACEMENT | Close-Out | 8/1/2014 | 2/23/2015 | 6/7/2015 | 3/31/2015 | N | N | Y | 6,712,488 | 8,882,741 | 8,853,078 | | N/A | | N/A | Burney-North Valley-Shasta County |
| 430 | Expense | Base | Y | 37005 | 42202271 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | L-401 0.25MI MP 113.75-114 REPL | Close-Out | 8/1/2014 | 3/12/2015 | 6/7/2015 | 4/3/2015 | N | N | Y | 3,429,540 | 3,670,121 | 3,733,060 | | N/A | | N/A | Burney-North Valley-Shasta County |
| 431 | Expense | Base | Y | 37008 | 42202273 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | L-401 VACAVILLE 1 MP 208.38-208.30 REPL | Close-Out | 10/3/2014 | 10/20/2014 | 1/10/2015 | 12/10/2014 | N | N | Y | 796,058 | 8,819,042 | 8,819,842 | | N/A | | N/A | Rio Vista-Solano County |
| 432 | Expense | Base | Y | 37009 | 42205329 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | L-401 VACAVILLE 2 MP 270.10-270.29 REPL | Close-Out | 10/3/2014 | 12/8/2014 | 1/20/2015 | 12/8/2014 | N | N | Y | 700,450 | 1,001,379 | 1,001,373 | | N/A | | N/A | Rio Vista-Solano County |
| 433 | Expense | Base | Y | 37009 | 42256259 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5017004-GT EMERG & UNFORESEEN PL REPAIR | L-401 FALL RVR MILLS MP 69.33-70.15 REPL | Construction | 12/1/2014 | 8/2/2015 | 11/3/2015 | 11/5/2015 | N | Y | N | 1,524,860 | 1,940,797 | 1,940,797 | | N/A | | N/A | Burney-North Valley-Shasta County |
| 434 | Expense | PSEP | Y | 23325 | 41452823 | KE | GT PL Safety Enhance | KZ5 | PSEP Mgmt | 5028858-MARKER EXPENSE | GT INTEGRATED ASSET AND WORK MANAGEMENT | Close-Out | 5/30/2011 | 10/1/2011 | 3/28/2015 | 3/28/2015 | N | N | Y | 786 | 614,539 | 614,539 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 435 | Expense | PSEP | Y | 23273 | 41463078 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | STRENGTH TEST-PROGRAM | Close-Out | 2/1/2011 | 2/1/2011 | 11/18/2011 | 11/15/2011 | N | N | N | 345,373 | 42,238,840 | 42,236,840 | | N/A | | N/A | Local Transmission-Systemwide |
| 436 | Expense | PSEP | Y | 23687 | P.00327 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DFM-7221-10 TEST 6.10MI MP 7.45-13.90 PH1 | Close-Out | 10/27/2011 | 4/2/2012 | 6/18/2012 | 4/20/2012 | N | N | N | | 1,376,305 | 1,376,305 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Stanislaus County |
| 437 | Expense | PSEP | Y | 23471 | 41912649 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-131Z TEST 0.05MI MP 0.00-0.54 PH1 | Close-Out | 5/24/2011 | 3/6/2014 | 6/17/2014 | 5/6/2014 | N | N | N | 7,313 | 1,603,008 | 1,603,066 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Sacramento County |
| 438 | Expense | PSEP | Y | 23474 | P.05372 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DFM-7224-09 TEST MP 0.00-1.35 WBS | Close-Out | 8/27/2012 | 11/7/2012 | 3/5/2013 | 12/18/2012 | N | N | N | 16,451 | 2,314,657 | 2,314,657 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Multiple Counties |
| 439 | Expense | PSEP | Y | 23491 | P.05374 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DFM-7220-02 TEST MP 0.62-0.85 WBS | Close-Out | 8/13/2013 | 4/23/2014 | 6/30/2014 | 8/19/2014 | N | N | N | 1,190 | 1,947,847 | 1,947,847 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Stanislaus County |
| 440 | Expense | PSEP | Y | 23493 | 41658176 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DFM-7225-10 TEST 0.25MI MP 0.00-0.25 PH1 | Close-Out | 5/24/2011 | 4/26/2013 | 6/25/2013 | 8/3/2013 | N | N | N | 705 | 1,338,313 | 1,338,379 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Stanislaus County |
| 441 | Expense | PSEP | Y | 23457 | P.07801 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-134A_2 TEST 4.78MI MP 23.11-32.33 WBS | Close-Out | 8/13/2013 | 6/24/2014 | 12/29/2014 | 12/8/2014 | N | N | N | 741,755 | 4,386,000 | 4,386,000 | | N/A | 2011P | N/A | Local Transmission-South-Fresno-Fresno County |
| 442 | Expense | PSEP | Y | 23491 | P.04004 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | *CANC*L-109N_2 TEST 0.48MI MP21.24-21.70 | Close-Out | 1/9/2012 | 9/22/2015 | 9/22/2015 | 10/28/2015 | N | N | N | | 2,232 | 2,232 | | N/A | 2011P | N/A | Systemwide-Systemwide-Multiple Counties |
| 443 | Expense | PSEP | Y | 23499 | P.04030 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-142N TEST 11.63MI MP 0.00-6.70 WBS | Construction | 1/7/2013 | 7/1/2013 | 9/29/2013 | 8/21/2013 | N | N | N | 6,144 | 12,222,765 | 12,222,765 | | N/A | 2011P | N/A | Local Transmission-South-Kern |
| 444 | Expense | PSEP | Y | 23505 | P.04031 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-1425 TEST 2.37MI MP 0.00-11.48 WBS | Close-Out | 10/27/2011 | 6/6/2012 | 6/2/2012 | 7/13/2012 | N | N | N | | 3,708,184 | 3,708,184 | | N/A | 2011P | N/A | Bakersfield-Kern-Kern County |
| 445 | Expense | PSEP | Y | 23506 | P.04032 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-130 TEST 11.65MI MP 136.43-150.13 WBS | Close-Out | 11/9/2011 | 8/12/2012 | 6/24/2013 | 8/10/2012 | N | N | N | 1,225 | 7,708,760 | 7,706,760 | | N/A | 2011P | N/A | Milpitas-San Jose-Santa Clara County |
| 446 | Expense | PSEP | Y | 23467 | P.04058 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-300A_2 TEST 11.47MI MP290.39-400.83 WBS | Construction | 8/13/2011 | 10/28/2011 | 12/8/2011 | 11/21/2011 | N | N | N | 236 | 14,323,687 | 14,323,681 | | N/A | 2011P | N/A | Local Transmission-South-Kern-Contra Costa County |
| 447 | Expense | PSEP | Y | 23469 | P.05258 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-153_1 TEST 10.63MI MP 0.00-22.87 WBS | Close-Out | 3/1/2013 | 7/13/2013 | 8/27/2013 | 6/14/2013 | N | N | N | 496 | 2,591,765 | 2,591,765 | | N/A | 2011P | N/A | Local Transmission-South-Stockton-San Joaquin County |
| 448 | Expense | PSEP | Y | 23501 | P.04041 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | *CANC*L-172A TEST2.11MI MP33.51-47.60 WBS | Construction | 10/27/2011 | 9/22/2015 | 11/21/2015 | 11/6/2015 | N | N | N | | 854,752 | 854,752 | | N/A | 2011P | N/A | Rio Vista-Sacramento-Sacramento County |
| 449 | Expense | PSEP | Y | 23503 | P.04047 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | *CANCL-177A TEST0.33MI MP68.80-69.13 WBS | Close-Out | 1/6/2012 | 2/1/2012 | 5/8/2014 | 8/8/2014 | N | N | N | | 8,230 | 8,230 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 450 | Expense | PSEP | Y | 23505 | P.04011 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-109 TEST 4.45MI MP 7.53-[illegible] WBS | Engineering/Permitting | 5/26/2011 | 7/1/2016 | 7/1/2016 | 12/1/2012 | N | N | N | | | | | N/A | 2011P | N/A | Local Transmission-De Anza-San Francisco County |
| 451 | Expense | PSEP | Y | 23508 | 41748678 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-177B TEST 6.05MI MP 0.86-7.81 PH1 | Close-Out | 5/24/2011 | 9/30/2013 | 12/11/2013 | 9/8/2013 | N | N | N | 1,623 | 3,052,138 | 3,052,198 | | N/A | 2011P | N/A | Local Transmission-North Valley-Sutter County |
| 452 | Expense | PSEP | Y | 23570 | P.04029 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-138 TEST 13.62MI MP 25.53-40.80 WBS | Close-Out | 1/6/2012 | 4/12/2013 | 6/18/2013 | 8/26/2013 | N | N | N | | 7,694,548 | 7,694,542 | | N/A | 2011P | N/A | Local Transmission-South-Fresno-Fresno County |
| 453 | Expense | PSEP | Y | 23511 | P.06025 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-191-1 TEST 12.12MI MP 8.09-36.83 WBS | Close-Out | 1/6/2012 | 6/3/2013 | 11/6/2013 | 7/26/2013 | N | N | N | -81,500 | 13,079,524 | 13,579,524 | | N/A | 2011P | N/A | Local Transmission-Diablo |
| 454 | Expense | PSEP | Y | 23514 | P.07004 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-191A TEST 4.62MI MP 0.00-4.84 WBS | Close-Out | 10/1/2013 | 6/6/2014 | 12/12/2014 | 11/24/2014 | N | N | N | 626,533 | 5,941,701 | 5,941,701 | | N/A | 2011P | N/A | Local Transmission-Diablo-Contra Costa County |
| 455 | Expense | PSEP | Y | 23520 | P.07801 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-197B TEST 5.25MI MP 0.00-[illegible] WBS | Close-Out | 8/13/2013 | 4/24/2014 | 6/16/2014 | 6/4/2014 | N | N | N | 16,514 | 1,438,698 | 1,438,698 | | N/A | 2011P | N/A | Local Transmission-Stockton-San Joaquin County |
| 456 | Expense | PSEP | Y | 23521 | P.02059 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-136 TEST MP 0.00-29.10 WBS | Close-Out | 7/8/2013 | 8/12/2013 | 12/30/2013 | 11/29/2013 | N | N | N | 12,083 | 8,734,808 | 8,734,808 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Merced County |
| 457 | Expense | PSEP | Y | 23522 | P.04044 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-2128 TEST 10.10MI MP 7.40-25.80 WBS | Close-Out | 1/5/2012 | 8/1/2012 | 11/21/2012 | 10/6/2012 | N | N | N | 2,259 | 11,227,023 | 11,227,023 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Solano County |
| 458 | Expense | PSEP | Y | 23529 | P.04026 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | *CANC*L-300 TEST7.26MI MP0.00-70.00 WBS | Construction | 1/3/2013 | 12/10/2015 | 10/30/2015 | 12/12/2013 | N | N | N | | 325,657 | 325,657 | | N/A | 2011P | N/A | Kettleman-Fresno-Kings County |
| 459 | Expense | PSEP | Y | 23531 | 41474031 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-401 TEST 0.50MI MP 325.44-325.76 PH1 | Close-Out | 6/24/2011 | 6/1/2011 | 12/1/2012 | 12/1/2012 | N | N | N | | | | | N/A | 2011P | N/A | Tracy-Stockton-Contra Costa County |
| 460 | Expense | PSEP | Y | 23532 | P.02254 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-021G TEST MP 0.01-14.00 WBS | Close-Out | 11/19/2012 | 4/25/2013 | 6/28/2013 | 6/6/2013 | N | N | N | 791 | 4,252,601 | 4,252,651 | | N/A | 2011P | N/A | Local Transmission-East Bay-Napa County |
| 461 | Expense | PSEP | Y | 23533 | P.04038 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-021C TEST 17.04MI MP 35.00-50.15 WBS | Close-Out | 12/15/2011 | 8/14/2013 | 11/13/2013 | 10/6/2013 | N | N | N | 9,037 | 3,055,850 | 3,056,556 | | N/A | 2011P | N/A | Local Transmission-North Coast-Santa Rosa |
| 462 | Expense | PSEP | Y | 23535 | P.04034 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-021F TEST 0.62MI MP 18.60-19.70 WBS | Construction | 12/27/2011 | 4/17/2012 | 6/8/2012 | 8/22/2012 | N | N | N | 5,100 | 4,418,635 | 4,418,635 | | N/A | 2011P | N/A | Local Transmission-North Bay-San Rafael-Napa County |
| 463 | Expense | PSEP | Y | 23536 | 41474856 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-303 T-053-12 MP 18.31 TO 20.41 | Close-Out | 9/26/2011 | 1/1/2012 | 2/1/2012 | 3/1/2012 | N | N | N | | 83,198 | 83,198 | | N/A | 2011P | N/A | Local Transmission-Mission-Alameda County |
| 464 | Expense | PSEP | Y | 23538 | P.06035 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | *CANC* L-021G TEST2.54MI MP0.00-2.54 WBS | Close-Out | 1/9/2012 | 10/20/2015 | 12/20/2015 | 12/14/2015 | N | N | N | | 46,729 | 46,729 | | N/A | 2011P | N/A | Local Transmission-North Bay-Marin County |
| 465 | Expense | PSEP | Y | 23540 | P.03362 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-400_1 TEST MP 267.60-298.84 WBS | Close-Out | 10/10/2013 | 2/18/2014 | 4/25/2014 | 3/26/2014 | N | N | N | 49,110 | 4,034,944 | 4,034,944 | | N/A | 2011P | N/A | Local Transmission-Diablo-Contra Costa County |
| 466 | Expense | PSEP | Y | 23546 | P.04049 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-118A TEST 0.00MI MP 16.63-58.74 WBS | Close-Out | 12/15/2011 | 6/8/2012 | 7/18/2013 | 7/10/2013 | N | N | N | 3 | 3,884,926 | 3,884,926 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Merced County |
| 467 | Expense | PSEP | Y | 23550 | P.05258 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-118B TEST 15.00MI MP 1.04-20.01 WBS | Close-Out | 11/7/2012 | 6/14/2013 | 10/1/2013 | 6/15/2013 | N | N | N | 1,835 | 6,802,538 | 6,802,538 | | N/A | 2011P | N/A | Local Transmission-South-Yosemite-Merced County |
| 468 | Expense | PSEP | Y | 23552 | P.04038 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-118A TEST 3.53MI MP 0.00-3.47 WBS | Close-Out | 12/19/2011 | 7/20/2012 | 12/26/2012 | 8/7/2012 | N | N | N | | 2,429,983 | 2,429,983 | | N/A | 2011P | N/A | Local Transmission-Stockton-Sacramento County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP Gas | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category |
| 469 | Expense | PSEP | Y | 23554 | P.04040 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-118B TEST 6.04mi MP 0.00-10.16 WBS |
| 470 | Expense | PSEP | Y | 23557 | P.04019 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-109_3 TEST 1.35mi MP 40.04-48.85 WBS |
| 471 | Expense | PSEP | Y | 23558 | 41918993 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-109A TEST 13.90mi MP 0.00-13.80 PH1 |
| 472 | Expense | PSEP | Y | 23560 | 41780015 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0114-01 TEST 0.42mi MP 0.00-0.42 PH1 |
| 473 | Expense | PSEP | Y | 23561 | 41916047 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | GT-1288 TEST 10.69mi MP 0.00-10.67 PH1 |
| 474 | Expense | PSEP | Y | 23566 | 41702523 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0211-01 TEST MP 0.00-0.66 PH1 |
| 475 | Expense | PSEP | Y | 23567 | 41939419 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0006-08 TEST 2.31mi MP 0.40-2.84 PH1 |
| 476 | Expense | PSEP | Y | 23570 | 41764015 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0215-01 TEST 0.70mi MP 0.03-0.73 PH1 |
| 477 | Expense | PSEP | Y | 23574 | P.04073 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0401-01 TEST 5.52mi MP 0.03-5.48 WBS |
| 478 | Expense | PSEP | Y | 23575 | P.04035 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0011-01 TEST 1.09mi MP 0.00-1.07 WBS |
| 479 | Expense | PSEP | Y | 23577 | P.04037 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0011-02 TEST 1.09mi MP 0.00-1.08 WBS |
| 480 | Expense | PSEP | Y | 23578 | P.04016 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | "CANC" DFM-0602-01 TEST 0.00mi MP 0.27-2.30 |
| 481 | Expense | PSEP | Y | 23579 | 41916068 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1522-11 TEST 3.02mi MP 0.00-2.06 PH1 |
| 482 | Expense | PSEP | Y | 23584 | P.05617 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0625-01 TEST 2.08mi MP 0.00-2.10 WBS |
| 483 | Expense | PSEP | Y | 23590 | P.04016 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0407-01 TEST 3.87mi MP 0.44-4.36 WBS |
| 484 | Expense | Gas | Y | 23600 | P.03330 | KE | GT PL Safety Enhance | KE6 | PSEP Pipe Replacement | 5041159-2014 TARGET - KE6 DISALLOWED PIPE REPLAC | TAPO-REPL FR WBS |
| 485 | Expense | PSEP | Y | 23856 | P.04025 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1815-01 TEST 8.03mi MP 6.73-14.74 PH |
| 486 | Expense | PSEP | Y | 23874 | P.04013 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-131_2 TEST 1.89mi MP 8.46-45.80 WBS |
| 487 | Expense | PSEP | Y | 23880 | 41768254 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | GT DFM-1315-45 TEST 2.35mi MP 0.13-2.13 |
| 488 | Expense | PSEP | Y | 23883 | 41918959 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1800-01 TEST 0.16mi MP 0.00-0.16 PH1 |
| 489 | Expense | PSEP | Y | 23884 | 41918080 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0821-01 TEST 0.69mi MP 0.00-0.70 PH1 |
| 490 | Expense | PSEP | Y | 23885 | 41713422 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1004-01 TEST 4.79mi MP 0.00-4.76 PH1 |
| 491 | Expense | PSEP | Y | 23894 | 41910080 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1007-01 TEST 3.81mi MP 2.77-6.56 PH1 |
| 492 | Expense | PSEP | Y | 23905 | P.04047 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-3010-01 TEST 0.60mi MP 0.68-1.27 WBS |
| 493 | Expense | PSEP | Y | 23906 | P.05370 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-3011-01 TEST 8.53mi MP 0.00-7.94 WBS |
| 494 | Expense | PSEP | Y | 23907 | 41967701 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0503-01 TEST 2.13mi MP 3.14-6.17 PH1 |
| 495 | Expense | PSEP | Y | 23911 | P.05366 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1501-01 TEST MP 0.00-6.66 WBS |
| 496 | Expense | PSEP | Y | 23912 | P.05367 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1501-02 TEST MP 0.00-4.25 WBS |
| 497 | Expense | PSEP | Y | 23913 | 41842134 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1502-02 TEST 1.40mi 0.00-1.40 PH1 |
| 498 | Expense | PSEP | Y | 23929 | P.04040 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1818-01_2 TEST 8.17mi MP 8.44-16.25 |
| 499 | Expense | PSEP | Y | 23934 | P.04019 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1401-01 TEST 0.79mi MP 0.00-0.79 WBS |
| 500 | Expense | PSEP | Y | 24070 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021515-2014 TARGET - KE3 PIPELINE ILI | L-131 MP 53.5-57.4 ILI & ANALYSIS PH1 R |
| 501 | Expense | PSEP | Y | 24071 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021516-2014 TARGET - KE3 PIPELINE ILI | 0-009 L-300B MP 289-351.8 ILI & ANALYSIS |
| 502 | Expense | PSEP | Y | 24072 | 41482738 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021610-2014 TARGET - KE3 PIPELINE ILI | L-300A MP 352.3-391.2 ILI & ANALYSIS |
| 503 | Expense | PSEP | Y | 24024 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021615-2014 TARGET - KE3 PIPELINE ILI | 0-094 L-300A MP 289-352 ILI & ANALYSIS |
| 504 | Expense | PSEP | Y | 24026 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021515-2014 TARGET - KE3 PIPELINE ILI | L-132 MP 31.7-33.4 ILI & ANALYSIS PH1 R |
| 505 | Expense | PSEP | Y | 24027 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021515-2014 TARGET - KE3 PIPELINE ILI | L-101 MP 0.00-11.65 ILI & ANALYSIS PH1 R |
| 506 | Expense | PSEP | Y | 24028 | P.08740 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021515-2014 TARGET - KE3 PIPELINE ILI | L-101 MP 11.69-33.58 ILI & ANALYSIS PH10 |
| 507 | Expense | PSEP | Y | 24155 | 41462824 | KE | GT PL Safety Enhance | KE4 | PSEP Station Other | 5021580-STATION OTHER EXP (VALVE AUTO) | MP PLAN VALVE AUTO MAO PH. 1 |
| 508 | Expense | PSEP | Y | 34403 | P.04025 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-057A-MD1 TEST 0.84mi MP 0.00-1.13 WBS |
| 509 | Expense | PSEP | Y | 34187 | P.04025 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | "CANC" DFM-1200-01 TEST 2.13mi MP 0.00-2.13 |
| 510 | Expense | PSEP | Y | 34188 | P.04023 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0405-12 TEST 2.08mi MP 0.05-2.88 WBS |
| 511 | Expense | PSEP | Y | 34189 | P.04026 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-0011-05 TEST 0.09mi MP 0.00-0.12 WBS |
| 512 | Expense | PSEP | Y | 34207 | P.04053 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-021E TEST 0.33mi MP 118.09-118.48 WBS |
| 513 | Expense | PSEP | Y | 24915 | 41402022 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-021A_1 TEST 0.09mi MP 24.49-24.58 PH1 |
| 514 | Expense | PSEP | Y | 24912 | 41744328 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-000A-1 TEST 1.29mi MP 1.08-2.07 PH1 |
| 515 | Expense | PSEP | Y | 24916 | P.04043 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-210C TEST 3.01mi MP 31.27-32.11 WBS |
| 516 | Expense | PSEP | Y | 34919 | P.04058 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-300B_2 TEST 7.69mi MP 261.05-272.40 WBS |
| 517 | Expense | PSEP | Y | 24254 | P.04043 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | "CANC" L-300A-1 TEST 3.24mi MP 1.08-1.42 WBS |
| 518 | Expense | PSEP | Y | 34472 | 41490075 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | STRENGTH TEST-PMO |
| 519 | Expense | PSEP | Y | 24605 | P.03764 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-300A_1 TEST 22.33mi MP 121.57-162.23 WBS |
| 520 | Expense | PSEP | Y | 34537 | P.03760 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-132_1 TEST 30.14mi MP 0.06-01.50 WBS |
| 521 | Expense | PSEP | Y | 24668 | P.03751 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | DFM-1816-01_1 TEST 5.?mi MP [illegible] WBS |
| 522 | Expense | PSEP | Y | 24651 | P.03767 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010259-STRENGTH TESTING | L-400-3 TEST 1.88mi MP 258.40-259.91 WBS |

| A | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period Y/N (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N NA) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement Recommendation (Y/N NA) | District/Division/County |
| 469 | Close-Out | 1/5/2012 | 6/14/2013 | 10/22/2013 | 10/7/2013 | N | N | N | -359 | 3,465,593 | 3,465,593 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Sacramento County |
| 470 | Close-Out | 10/27/2011 | 5/29/2012 | 6/11/2012 | 7/11/2012 | N | N | N | 90 | 2,371,047 | 2,371,047 | | N/A | 2011P | N/A | Local Transmission-San Francisco-San Francisco Coun |
| 471 | Close-Out | 5/24/2011 | 6/7/2014 | 7/25/2014 | 7/8/2014 | N | N | N | 64,712 | 3,777,715 | 3,777,715 | | N/A | 2011P | N/A | Local Transmission-North Coast-Humboldt-Humboldt Coun |
| 472 | Close-Out | 5/24/2011 | 6/6/2013 | 6/6/2013 | 5/18/2013 | N | N | N | 187 | 619,735 | 619,735 | | N/A | 2011P | N/A | Local Transmission-East Bay-Contra Costa Coun |
| 473 | Close-Out | 5/24/2011 | 6/6/2014 | 6/10/2014 | 7/16/2014 | N | N | N | 43,743 | 1,848,257 | 1,848,257 | | N/A | 2011P | N/A | Local Transmission-North Coast-Humboldt-Humboldt Coun |
| 474 | Close-Out | 5/24/2011 | 10/20/2011 | 11/10/2011 | 12/29/2011 | N | N | N | 17 | 251,730 | 251,730 | | N/A | 2011P | N/A | Local Transmission-Peninsula-San Mateo County |
| 475 | Close-Out | 6/24/2011 | 6/6/2013 | 11/10/2013 | 10/6/2013 | N | N | N | 186 | 2,721,583 | 2,721,583 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Solano County |
| 476 | Close-Out | 5/24/2011 | 6/14/2013 | 8/17/2013 | 7/28/2013 | N | N | N | 591 | 1,983,220 | 1,983,220 | | N/A | 2011P | N/A | Local Transmission-Peninsula-San Mateo County |
| 477 | Close-Out | 1/5/2013 | 7/23/2014 | 12/31/2014 | 10/22/2014 | N | N | N | 391,237 | 7,700,978 | 7,700,978 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 478 | Close-Out | 6/24/2011 | 7/7/2014 | 8/29/2014 | 8/15/2014 | N | N | N | 2,886 | 3,376,740 | 3,376,740 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Sacramento County |
| 479 | Construction | 1/4/2012 | 8/19/2014 | 8/28/2014 | 7/29/2014 | N | N | N | 13,843 | 3,402,873 | 3,402,873 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Sacramento County |
| 480 | Close-Out | 1/5/2013 | 2/1/2012 | 3/28/2010 | 3/28/2010 | N | N | Y | 1 | 80,324 | 80,324 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 481 | Close-Out | 6/24/2011 | 4/29/2014 | 8/27/2014 | 8/27/2014 | N | N | N | -253,929 | 3,700,737 | 3,700,737 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Yuba County |
| 482 | Close-Out | 6/25/2013 | 7/25/2014 | 1/14/2015 | 12/1/2014 | N | N | Y | 396,183 | 4,635,712 | 4,635,712 | | N/A | 2011P | N/A | Local Transmission-East Bay-North-Napa County |
| 483 | Construction | 1/5/2013 | 8/22/2014 | 1/14/2015 | 11/2/2014 | N | N | Y | 257,129 | 3,677,871 | 3,677,871 | | N/A | 2011P | N/A | Local Transmission-North Bay-[illegible] Coun |
| 484 | Close-Out | 9/12/2014 | 6/1/2014 | 12/31/2014 | 12/31/2014 | N | N | N | 12,477 | 657,244 | 657,244 | | N/A | 2011P | N/A | Local Transmission-Fresno-Multiple Counties |
| 485 | Close-Out | 1/5/2012 | 7/1/2013 | 12/26/2013 | 9/15/2013 | N | N | N | 5,658 | 10,027,555 | 10,027,555 | | N/A | 2011P | N/A | Local Transmission-Yosemite-[illegible]-Stanislaus Coun |
| 486 | Close-Out | 1/5/2013 | 8/17/2014 | 8/29/2014 | 8/14/2014 | N | N | N | -71,339 | 5,836,797 | 5,836,797 | | N/A | 2011P | N/A | Local Transmission-Diablo-Santa Clara County |
| 487 | Close-Out | 5/24/2011 | 7/8/2014 | 9/16/2014 | 8/9/2014 | N | N | N | 62,684 | 3,509,845 | 3,509,845 | | N/A | 2011P | N/A | Local Transmission-Central Coast-Monterey County |
| 488 | Close-Out | 5/24/2011 | 8/13/2014 | 7/29/2014 | 6/27/2014 | N | N | N | 31,881 | 1,090,488 | 1,090,488 | | N/A | 2011P | N/A | Local Transmission-Central Coast-Monterey County |
| 489 | Close-Out | 5/24/2011 | 4/30/2014 | 7/14/2014 | 6/18/2014 | N | N | N | 1,078 | 1,405,051 | 1,405,051 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Yolo County |
| 490 | Close-Out | 6/24/2011 | 6/30/2013 | 8/31/2013 | 7/22/2013 | N | N | N | 3,345 | 2,201,335 | 2,201,339 | | N/A | 2011P | N/A | Local Transmission-North Valley-Glenn County |
| 491 | Close-Out | 6/24/2011 | 6/12/2014 | 7/28/2014 | 7/1/2014 | N | N | N | 41,412 | 2,380,073 | 2,380,073 | | N/A | 2011P | N/A | Local Transmission-North Valley-Butte County |
| 492 | Close-Out | 1/5/2012 | 1/21/2013 | 2/18/2013 | 3/4/2013 | N | N | N | 33 | 1,159,317 | 1,159,317 | | N/A | 2011P | N/A | Local Transmission-Diablo-Multiple Counties |
| 493 | Close-Out | 11/17/2012 | 12/10/2012 | 12/31/2012 | 11/11/2012 | N | N | N | 273 | 1,712,419 | 1,712,419 | | N/A | 2011P | N/A | Systemwide-Systemwide-Contra Costa County |
| 494 | Close-Out | 6/26/2011 | 3/4/2014 | 6/28/2014 | 6/22/2014 | N | N | N | 10,885 | 6,618,191 | 6,618,191 | | N/A | 2011P | N/A | Local Transmission-Kern-Kern County |
| 495 | Close-Out | 2/28/2013 | 5/13/2013 | 8/28/2013 | 7/26/2013 | N | N | N | 14,140 | 7,817,340 | 7,817,340 | | N/A | 2011P | N/A | Local Transmission-Sierra-Sutter County |
| 496 | Close-Out | 6/19/2013 | 4/7/2014 | 7/28/2014 | 6/27/2014 | N | N | N | 16,126 | 979,006 | 979,006 | | N/A | 2011P | N/A | Local Transmission-Sacramento-Sutter County |
| 497 | Close-Out | 5/24/2011 | 6/6/2013 | 7/18/2013 | 7/8/2013 | N | N | N | 1,327 | 1,973,610 | 1,973,610 | | N/A | 2011P | N/A | Local Transmission-Sierra-Yuba County |
| 498 | Close-Out | 10/27/2011 | 6/29/2012 | 8/31/2013 | 7/27/2012 | N | N | N | 70,178 | 8,103,217 | 8,103,217 | | N/A | 2011P | N/A | [illegible]-Central Coast-Santa Cruz County |
| 499 | Close-Out | 7/5/2013 | 7/1/2013 | 10/18/2014 | 10/16/2014 | N | N | N | 0 | 205,758 | 205,758 | | N/A | 2011P | N/A | Systemwide-Systemwide-San Francisco County |
| 500 | Close-Out | 5/24/2011 | 8/18/2014 | 6/18/2015 | 6/13/2014 | N | Y | N | 3,785 | 882,625 | 882,625 | | N/A | 2011P | N/A | [illegible]-San Jose-Kings County |
| 501 | Close-Out | 5/24/2011 | 11/21/2014 | 2/5/2016 | 12/9/2014 | N | N | Y | 205,132 | 1,200,694 | 1,200,694 | | N/A | 2011P | N/A | [illegible]-Kings County |
| 502 | Close-Out | 6/24/2011 | 4/3/2013 | 4/10/2013 | 4/10/2013 | N | N | N | 125 | 1,103,523 | 1,103,523 | | N/A | 2011P | N/A | Kettleman-Fresno-Kings County |
| 503 | Close-Out | 5/26/2011 | 10/10/2014 | 1/21/2015 | 10/28/2014 | N | N | Y | 146,007 | 1,469,051 | 1,469,051 | | N/A | 2011P | N/A | Kettleman-Contra Costa County |
| 504 | Close-Out | 5/24/2011 | 7/29/2014 | 10/6/2014 | 10/6/2014 | N | N | N | 17,083 | 2,204,407 | 2,204,407 | | N/A | 2011P | N/A | Local Transmission-Peninsula-Santa Clara County |
| 505 | Close-Out | 5/26/2011 | 2/6/2014 | 5/19/2014 | 3/1/2014 | N | N | N | 7,523 | 1,801,737 | 1,801,737 | | N/A | 2011P | N/A | Local Transmission-San Jose-Santa Clara County |
| 506 | Construction | 5/24/2011 | 9/9/2014 | 11/8/2015 | 8/13/2015 | N | Y | N | 1,085,571 | 3,885,951 | 3,885,951 | | N/A | 2011P | N/A | Local Transmission-Peninsula-Santa Clara County |
| 507 | Close-Out | 1/24/2011 | 8/1/2012 | 3/26/2015 | 3/26/2015 | N | N | Y | 10,787 | 657,297 | 657,297 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 508 | Close-Out | 10/27/2011 | 1/14/2013 | 3/27/2013 | 2/16/2013 | N | N | N | 825 | 2,617,436 | 2,617,436 | | N/A | 2011P | N/A | [illegible]-Diablo-San Joaquin County |
| 509 | Close-Out | 1/5/2012 | 10/16/2015 | 10/16/2015 | 11/20/2015 | N | N | N | | 20,102 | 20,102 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 510 | Close-Out | 6/6/2011 | 5/6/2013 | 10/3/2013 | 7/31/2013 | N | N | N | 2,380 | 3,528,383 | 3,528,383 | | N/A | 2011P | N/A | Local Transmission-Mission |
| 511 | Close-Out | 1/5/2012 | 5/16/2014 | 8/29/2014 | 7/29/2014 | N | N | N | 19,055 | 1,652,838 | 1,652,838 | | N/A | 2011P | N/A | Systemwide-Systemwide-Sacramento County |
| 512 | Close-Out | 1/5/2012 | 2/1/2012 | 7/28/2013 | 7/28/2013 | N | N | N | | 24,583 | 24,583 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 513 | Close-Out | 6/24/2011 | 6/1/2011 | 3/25/2014 | 3/25/2014 | N | N | N | | | | | N/A | 2011P | N/A | Local Transmission-North Coast-[illegible]-Contra Co |
| 514 | Close-Out | 5/26/2011 | 6/6/2013 | 8/3/2013 | 7/13/2013 | N | N | N | 1,140 | 2,019,424 | 2,019,424 | | N/A | 2011P | N/A | Local Transmission-Sierra-Yuba County |
| 515 | Construction | 1/5/2013 | 4/1/2013 | 6/4/2013 | 6/6/2013 | N | N | N | 0 | 2,503,501 | 2,503,501 | | N/A | 2011P | N/A | Local Transmission-North [illegible] |
| 516 | Construction | 9/10/2013 | 12/1/2014 | 12/23/2014 | 11/18/2014 | N | N | N | -128,589 | 13,745,230 | 13,745,230 | | N/A | 2011P | N/A | [illegible]-Kings County |
| 517 | Close-Out | 1/5/2013 | 12/14/2015 | 12/14/2013 | 1/18/2016 | N | N | N | | 4,123 | 4,123 | | N/A | 2011P | N/A | Systemwide-Systemwide |
| 518 | Construction | 5/23/2011 | 9/1/2011 | 12/31/2015 | 12/31/2015 | N | Y | N | 115,398 | 14,200,272 | 14,200,272 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 519 | Construction | 5/21/2011 | 6/29/2011 | 7/7/2011 | 6/12/2011 | N | N | N | -58 | 43,001,346 | 43,001,346 | | N/A | 2011P | N/A | Local Transmission-Kern-[illegible]-San Bernardino |
| 520 | Close-Out | 6/1/2011 | 8/6/2011 | 12/6/2011 | 11/18/2011 | N | N | N | 17 | 80,304,283 | 80,304,283 | | N/A | 2011P | N/A | Local Transmission-Peninsula-Santa Clara County |
| 521 | Close-Out | 6/1/2011 | 7/25/2012 | 10/19/2012 | 8/31/2012 | N | N | N | -1,960 | 6,221,920 | 6,221,920 | | N/A | 2011P | N/A | Local Transmission-Central Coast-Santa Cruz County |
| 522 | Close-Out | 5/6/2011 | 9/19/2011 | 12/6/2011 | 1/8/2011 | N | N | N | 7,417 | 4,801,332 | 4,801,332 | | N/A | 2011P | N/A | Local Transmission-Diablo-Contra Costa County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A: Line # | B: Capital/Expense | C: PSEP Docs | D: Project Listed in Previous CPUC Safety Reports (Y/N) | E: PSEP ID # | F: Order #/Planning Order # | G: MWC | H: MWC Description | I: MAT | J: MAT Description | K: Planning Order Group | L: Project Name or Work Category |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 523 | Expense | PSEP | Y | 36911 | P.05772 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | Engineering Condition Assessment WBS |
| 524 | Expense | PSEP | Y | 36978 | 41521398 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | GTAM - EIP - PHASE 1 |
| 525 | Expense | PSEP | Y | 25385 | 41557446 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-300A_1 TEST 4.22MI 238.57-243.74 PH1 |
| 526 | Expense | PSEP | Y | 25888 | 41613026 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | 2012 STRENGTH TEST - GENERAL |
| 527 | Expense | PSEP | Y | 25861 | 8120278 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | HYDROTESTING ENGINEERING |
| 528 | Expense | PSEP | Y | 27911 | 41744232 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-0004-07 TEST 5.23MI MP 0.00-5.41 PH1 |
| 529 | Expense | PSEP | Y | 27932 | 41744767 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1819-02 TEST 0.41MI MP 11.75-12.05 P |
| 530 | Expense | PSEP | Y | 27948 | 41743428 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1813-02 TEST 1.13MI MP 8.75-9.71 PH1 |
| 531 | Expense | PSEP | Y | 27949 | 41743425 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1819-02 TEST 3.68MI MP 12.53-13.95 P |
| 532 | Expense | PSEP | Y | 27951 | 41743423 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-7229-01 TEST 1.08MI MP 5.43-6.49 PH1 |
| 533 | Expense | PSEP | Y | 27952 | 41743429 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-7229-01 TEST 4.76MI MP 0.00-4.50 PH1 |
| 534 | Expense | PSEP | Y | 27950 | 41710063 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | T-295-13 0.0525 TEST MP 0.00-0.25 |
| 535 | Expense | PSEP | Y | 28007 | P.05304 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | 2013 PSEP Rate Case Planning WBS |
| 536 | Expense | PSEP | Y | 28385 | 41758006 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-187 TEST 0.77MI MP 32.83-33.04 PH1 |
| 537 | Expense | PSEP | Y | 28407 | 41758008 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-187 TEST 8.13MI MP 33.04-41.09 PH1 |
| 538 | Expense | PSEP | Y | 28408 | 41758007 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-187 TEST 5.72MI MP 41.09-42.84 PH1 |
| 539 | Expense | PSEP | Y | 28410 | 41758009 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-187 TEST 6.20MI MP 50.07-56.55 PH1 |
| 540 | Expense | PSEP | Y | 28411 | 41752012 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-187 TEST 8.93MI MP 66.64-60.03 PH1 |
| 541 | Expense | PSEP | Y | 28405 | 41807222 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-191 TEST 1.22MI MP 2.74-3.46 PH1 |
| 542 | Expense | PSEP | Y | 28425 | 41838960 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-105N-3 TB-001 MP 0.00-0.01 STRENGTH TE |
| 543 | Expense | PSEP | Y | 25750 | 41832537 | KE | GT PL Safety Enhance | KE4 | PSEP Station Other | 5021590-STATION OTHER EXP (VALVE AUTO) | IMP PLAN VALVE PHASE 1 SEASN CNMC RC 59 |
| 544 | Expense | PSEP | Y | 20721 | 41840340 | KE | GT PL Safety Enhance | KE4 | PSEP Station Other | 5021590-STATION OTHER EXP (VALVE AUTO) | IMP PLAN VALVE AUTO MED PH. 1 RC 59 |
| 545 | Expense | PSEP | Y | 20712 | 41842249 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | INTERIM SAFETY - AERIAL LEAK SURVEY PSEP |
| 546 | Expense | PSEP | Y | 20713 | 41842250 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | IMP PLAN PMD RC 59 |
| 547 | Expense | PSEP | Y | 20717 | 41842254 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | REMAINING LIFE FATIGUE ANALYSIS RC59 |
| 548 | Expense | PSEP | Y | 30256 | 41867463 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-172A TEST 0.70MI MP 78.53-79.11 PH1 |
| 549 | Expense | PSEP | Y | 30070 | 41871410 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021313-2014 TARGET - KE3 PIPELINE ILI | L-300A MP 83.00-383.00 DIRECT EXAM/REPAIR |
| 550 | Expense | PSEP | Y | 30106 | 8141443 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | BAKER TANK MAINTENANCE |
| 551 | Expense | PSEP | Y | 30489 | 41884237 | KE | GT PL Safety Enhance | KE9 | PSEP Mapping | 5232890-MARKER EXPENSE | SAP PPM IMPLEMENTATION |
| 552 | Expense | PSEP | Y | 30896 | 41913008 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-301B TEST 2.42MI MP 0.01-2.43 PH1 |
| 553 | Expense | PSEP | Y | 30801 | 41921653 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1310-01 TEST 1.38MI MP 0.00-1.39 PH1 |
| 554 | Expense | PSEP | Y | 30807 | P.05256 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-002 TEST 6.60MI MP 75.60-122.12 WBS |
| 555 | Expense | PSEP | Y | 30808 | P.05256 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-002 TEST 6.60MI MP 75.60-122.12 WBS |
| 556 | Expense | PSEP | Y | 30823 | P.07602 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-142O TEST 1.44MI MP 8.00-10.45 WBS |
| 557 | Expense | PSEP | Y | 30845 | 41932247 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | GT DFM-1301-02 TEST 2.70MI MP 1.50-4.25 |
| 558 | Expense | PSEP | Y | 30880 | P.05434 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST CC WBS |
| 559 | Expense | PSEP | Y | 30878 | P.05609 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST SJ WBS |
| 560 | Expense | PSEP | Y | 30879 | P.05605 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST SI WBS |
| 561 | Expense | PSEP | Y | 30882 | P.05643 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST YO WBS |
| 562 | Expense | PSEP | Y | 31054 | 41948807 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-3605-01 TEST 0.61MI MP 2.33-2.72 PH1 |
| 563 | Expense | PSEP | Y | 31028 | 41948503 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | GT L-139 TEST 0.10MI MP 20.43-20.65 PH1 |
| 564 | Expense | PSEP | Y | 31026 | 42072114 | KE | GT PL Safety Enhance | KE3 | PSEP Pipeline ILI | 5021513-2014 TARGET - KE3 PIPELINE ILI | L-300B MP 330.85-393.76 DIRECT EXAM & RE |
| 565 | Expense | PSEP | Y | 31066 | 41281150 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | GT DFM-0107-01 TEST 0.24MI MP 0.00-0.24 |
| 566 | Expense | PSEP | Y | 31089 | 41931149 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1230-01 TEST 3.76MI MP 4.15-4.80 PH1 |
| 567 | Expense | PSEP | Y | 31177 | 41931258 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DFM-1009-05 TEST 0.46MI MP 0.00-0.46 PH1 |
| 568 | Expense | PSEP | Y | 31465 | 41299130 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | L-0003-01 MP 0.23 INSTALL INSULATOR |
| 569 | Expense | PSEP | Y | 31883 | 41991422 | KE | GT PL Safety Enhance | KE2 | PSEP Pipe Replacement | 5021512-2014 TARGET - KE2 PIPE REPLACEMENT | L-177A REPL 0.07MI MP 25.50-25.53 PH1 |
| 570 | Expense | PSEP | Y | 31330 | 41982890 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | DREG4145 TEST |
| 571 | Expense | PSEP | Y | 31342 | 41983605 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | GT DREG5880 TEST |
| 572 | Expense | PSEP | Y | 31843 | P.05022 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST ST WBS |
| 573 | Expense | PSEP | Y | 31845 | P.05502 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010230-STRENGTH TESTING | TAPS-TEST ST WBS |
| 574 | Expense | PSEP | Y | 32379 | 42042288 | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | 5022940-PSEP DATA VALIDATION & ANALYSIS | R-362 L-186 DRESSER COUPLING MITIGATION M |
| 575 | Expense | PSEP | Y | 32405 | 42047911 | KE | GT PL Safety Enhance | KE4 | PSEP Station Other | 5021590-STATION OTHER EXP (VALVE AUTO) | ONLINE SIMULATOR PILOT |
| 576 | Expense | PSEP | Y | 32407 | 42042824 | KE | GT PL Safety Enhance | KE4 | PSEP Station Other | 5021590-STATION OTHER EXP (VALVE AUTO) | DA-PRESSURE PROFILES & COMPLEX ALARMING |

| A: Line # | M: Description of work performed in reporting period | N: Order Open Date for work started or underway in the reporting period | O: Actual/Forecast Start Date | P: Construction Complete Date | Q: Operative (In Service) Date | R: Project start in reporting period (Y/N) (Order Start Date) | S: Project Underway in Reporting Period (Y/N) | T: Project completed in reporting period (Y/N) | U: Net Amount spent in the Reporting Period | V: Net Total amount spent since project inception to End of Reporting Period | W: Net Total Forecast | X: Top 100 Report (Report Year or Blank) | Y: HCA (Y/N/N/A) | Z: Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | AA: Government Requirements Recommendation (Y/N/N/A) | AB: District/Division/County |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 523 | Close-Out | 10/17/2013 | 5/6/2014 | 5/6/2014 | 5/6/2014 | N | N | N | 8,682 | 352,418 | 359,918 | | N/A | 2011P | N/A | Marysville-Sierra-Sutter County |
| 524 | Engineering/Permitting | 3/1/2011 | 3/1/2011 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 525 | Close-Out | 10/14/2011 | 11/3/2011 | 12/6/2011 | 11/30/2011 | N | N | N | 506 | 4,139,041 | 4,139,041 | | N/A | | N/A | Systemwide-Systemwide-Kern County |
| 526 | Construction | 12/1/2011 | 12/1/2011 | 6/30/2015 | 6/30/2015 | N | Y | N | 135,508 | 2,659,493 | 2,659,493 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 527 | Construction | 6/1/2012 | 6/1/2012 | 7/28/2015 | 7/28/2015 | N | Y | N | 14,014 | 388,032 | 388,032 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 528 | Close-Out | 11/16/2012 | 6/23/2013 | 12/18/2013 | 12/18/2013 | N | N | N | 1,917 | 3,673,861 | 3,673,861 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 529 | Close-Out | 11/13/2012 | 7/1/2013 | 8/29/2013 | 8/12/2013 | N | N | N | 3,306 | 1,418,677 | 1,418,677 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 530 | Close-Out | 11/7/2012 | 8/5/2013 | 10/31/2013 | 8/23/2013 | N | N | N | 18,220 | 1,425,000 | 1,425,000 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 531 | Close-Out | 12/3/2012 | 7/1/2013 | 10/4/2013 | 8/12/2013 | N | N | N | 6,689 | 2,756,407 | 2,756,407 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 532 | Close-Out | 11/20/2012 | 8/13/2013 | 11/6/2013 | 10/8/2013 | N | N | N | [illegible] | 2,419,796 | 2,419,796 | | N/A | | N/A | Local Trans-south-Yosemite-Stanislaus County |
| 533 | Close-Out | 11/20/2012 | 4/20/2013 | 6/26/2013 | 6/6/2013 | N | N | N | -428 | 2,020,049 | 2,020,049 | | N/A | | N/A | Local Trans-south-Yosemite-Stanislaus County |
| 534 | Close-Out | 5/8/2013 | 7/1/2013 | 12/29/2013 | 12/6/2013 | N | N | N | 1,230 | 1,361,321 | 1,361,321 | | N/A | | N/A | Local Trans-south-Kern-Kings County |
| 535 | Construction | 10/1/2012 | 10/12/2012 | 12/1/2015 | 12/1/2015 | N | N | N | | 253,968 | 253,968 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 536 | Close-Out | 12/4/2012 | 4/8/2013 | 6/25/2013 | 5/30/2013 | N | N | N | 104 | 2,842,238 | 2,842,238 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 537 | Close-Out | 12/3/2012 | 4/8/2013 | 7/8/2013 | 6/13/2013 | N | N | N | -513 | 1,688,825 | 1,688,825 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 538 | Close-Out | 12/6/2012 | 5/30/2013 | 7/31/2013 | 6/28/2013 | N | N | N | 38 | 3,217,080 | 3,217,080 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 539 | Close-Out | 12/7/2012 | 7/12/2013 | 9/16/2013 | 8/30/2013 | N | N | N | 2 | 1,193,880 | 1,193,880 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 540 | Close-Out | 12/7/2012 | 4/19/2013 | 12/29/2013 | 6/20/2013 | N | N | N | 778 | 2,558,570 | 2,558,570 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 541 | Close-Out | 11/13/2012 | 6/7/2013 | 11/8/2013 | 10/7/2013 | N | N | N | 1,258 | 2,138,742 | 2,138,742 | | N/A | | N/A | Local Trans-north-Diablo-Contra Costa County |
| 542 | Close-Out | 2/12/2013 | 3/17/2014 | 5/9/2014 | 4/18/2014 | N | N | N | -5,634 | 1,248,021 | 1,248,021 | | N/A | | N/A | Local Trans-north-Diablo-Alameda County |
| 543 | Construction | 1/1/2013 | 1/1/2013 | 12/28/2015 | 12/28/2015 | N | Y | N | 75,469 | 1,434,225 | 1,434,225 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 544 | Construction | 1/1/2013 | 1/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 34,257 | 880,722 | 880,722 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 545 | Construction | 1/1/2013 | 1/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 27,825 | 3,469,868 | 3,469,868 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 546 | Construction | 1/1/2013 | 1/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 8,185 | 4,787,778 | 4,787,778 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 547 | Construction | 2/1/2013 | 2/1/2013 | 12/31/2015 | 12/31/2015 | N | Y | N | 89,309 | 684,980 | 684,980 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 548 | Close-Out | 3/22/2013 | 6/23/2013 | 11/15/2013 | 10/25/2013 | N | N | N | 7,074 | 3,500,072 | 3,500,072 | | N/A | | N/A | Rio Vista-Sacramento-Yolo County |
| 549 | Close-Out | 8/19/2013 | 3/17/2014 | 3/7/2014 | 3/28/2014 | N | N | N | 44 | 680,671 | 680,671 | | N/A | | N/A | Sacramento-Fresno-Kings County |
| 550 | Construction | 3/22/2013 | 6/1/2013 | 12/31/2020 | 12/31/2020 | N | Y | N | 227,852 | 652,420 | 652,420 | | N/A | | N/A | Systemwide-Systemwide |
| 551 | Construction | 6/1/2013 | 6/1/2013 | 12/28/2018 | 12/28/2018 | N | N | N | | 184 | 1,000,184 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 552 | Close-Out | 11/12/2013 | 7/21/2014 | 9/3/2014 | 8/19/2014 | N | N | N | 22,000 | 2,293,868 | 2,293,868 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 553 | Close-Out | 9/23/2013 | 4/23/2014 | 5/30/2014 | 5/14/2014 | N | N | N | 15,145 | 601,985 | 601,985 | | N/A | | N/A | Local Trans-north-North Coast-Humboldt Coun |
| 554 | Close-Out | 9/23/2013 | 3/11/2014 | 3/31/2014 | 3/11/2014 | N | N | N | 230 | 2,245,452 | 2,245,452 | | N/A | | N/A | Local Trans-south-Yosemite-San Joaquin County |
| 555 | Close-Out | 9/23/2013 | 3/6/2014 | 5/16/2014 | 4/28/2014 | N | N | N | 10,308 | 4,577,343 | 4,577,343 | | N/A | | N/A | Local Trans-south-Yosemite-San Joaquin County |
| 556 | Close-Out | 10/3/2013 | 7/30/2014 | 10/17/2014 | 9/28/2014 | N | N | N | 165,050 | 2,841,121 | 2,841,121 | 2009 (28) | N/A | | N/A | Local Trans-south-Kern-Bakersfield-Kern County |
| 557 | Close-Out | 8/19/2013 | 4/7/2014 | 7/25/2014 | 6/30/2014 | N | N | N | 7,238 | 1,537,282 | 1,537,282 | | N/A | | N/A | Local Trans-north-Sacramento-Sutter County |
| 558 | Close-Out | 11/4/2013 | 4/7/2014 | 6/14/2014 | 4/26/2014 | N | N | N | 23,030 | 2,378,835 | 2,378,835 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 559 | Close-Out | 10/24/2013 | 7/21/2014 | 7/26/2014 | 8/25/2014 | N | N | N | 4,200 | 2,403,204 | 2,403,204 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 560 | Close-Out | 11/1/2013 | 4/7/2014 | 4/18/2014 | 4/14/2014 | N | N | N | 2,294 | 803,042 | 803,042 | | N/A | | N/A | Local Trans-north-Sierra-Multiple Counties |
| 561 | Construction | 12/11/2013 | 3/28/2014 | 4/28/2014 | 4/18/2014 | N | N | N | 2,034 | 1,138,384 | 1,138,384 | | N/A | | N/A | Local Trans-south-Yosemite-Multiple Counties |
| 562 | Close-Out | 11/1/2013 | 8/17/2014 | 9/22/2014 | 9/12/2014 | N | N | N | 11,404 | 1,469,885 | 1,469,885 | | N/A | | N/A | Local Trans-north-Mission-Alameda County |
| 563 | Close-Out | 12/4/2013 | 12/8/2014 | 12/31/2014 | 11/25/2014 | N | N | N | 60,084 | 2,636,180 | 2,636,180 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 564 | Close-Out | 1/2/2014 | 11/17/2014 | 3/31/2015 | 11/22/2014 | N | N | Y | 152,181 | 579,270 | 579,270 | | N/A | | N/A | Local Trans-Systemwide-Kings County |
| 565 | Close-Out | 12/2/2013 | 11/8/2014 | 12/23/2014 | 11/24/2014 | N | N | N | -137,687 | 915,941 | 915,941 | | N/A | | N/A | Local Trans-north-East Bay-north-Alameda County |
| 566 | Close-Out | 11/1/2013 | 9/11/2014 | 4/8/2014 | 4/2/2014 | N | N | N | 889 | 1,273,143 | 1,273,143 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 567 | Close-Out | 7/18/2013 | 9/13/2013 | 11/8/2013 | 10/22/2013 | N | N | N | 1 | 534,861 | 534,861 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 568 | Close-Out | 1/30/2013 | 12/18/2013 | 1/16/2014 | / / | N | N | N | 35 | 290,522 | 290,522 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 569 | Close-Out | 11/18/2013 | 3/13/2014 | 4/17/2014 | 3/20/2014 | N | N | N | 3,494 | 476,425 | 476,438 | | N/A | | N/A | Local Trans-north-North Valley-Sutter County |
| 570 | Close-Out | 11/11/2013 | 4/2/2014 | 5/23/2014 | 4/30/2014 | N | N | N | 12,010 | 1,804,604 | 1,804,604 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 571 | Close-Out | 1/16/2014 | 7/30/2014 | 8/18/2014 | 8/5/2014 | N | N | N | 23,090 | 1,327,057 | 1,327,057 | | N/A | | N/A | Local Trans-north-North Valley-Shasta County |
| 572 | Close-Out | 12/17/2013 | 8/11/2014 | 7/11/2014 | 6/28/2014 | N | N | N | 19,508 | 1,066,188 | 1,066,188 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 573 | Close-Out | 6/10/2014 | 11/17/2014 | 12/28/2014 | 12/18/2014 | N | N | N | 60,704 | 1,380,675 | 1,380,675 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 574 | Close-Out | 12/1/2015 | 1/30/2015 | 4/27/2015 | 4/27/2015 | N | N | Y | 285,658 | 311,932 | 314,420 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 575 | Close-Out | 12/1/2013 | 12/1/2013 | 12/1/2014 | 12/1/2014 | N | N | N | 8,014 | 704,157 | 704,157 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 576 | Close-Out | 12/1/2013 | 12/1/2013 | 12/1/2014 | 12/1/2014 | N | N | N | -943 | 295,005 | 295,005 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/ Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PCEG ID # | Order #/ Planning Order # | MAC | MAC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ N/A) | Capital Project Described in Rate Case Work papers (Case Year or Blank)? | Government Recommendation (Y/N/ N/A) | District/Division/County |
| 577 | Expense | PSEP | Y | 32582 | 42076781 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DREG1800 TEST 0.27 MI MP 1.20-1.47 | Close-Out | 2/14/2013 | 3/23/2014 | 6/23/2014 | 9/9/2014 | N | N | N | 865 | 431,588 | 431,588 | | N/A | | N/A | Local Trans-south-Kern-Kern County |
| 578 | Expense | PSEP | Y | 32583 | 42070702 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT DReg2006-01 TEST 0.01MI MP 0.00MP 0 | Close-Out | 11/18/2013 | 12/9/2014 | 12/31/2014 | 11/25/2014 | N | N | N | 15,799 | 621,528 | 621,528 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 579 | Expense | PSEP | Y | 33679 | P.07198 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-1366 TEST MP 20.06-20.03 WOS | Close-Out | 2/24/2014 | 6/2/2014 | 8/18/2014 | 7/2/2014 | N | N | N | 76,763 | 6,511,048 | 6,511,048 | | N/A | | N/A | Local Trans-north-Sierra-Yuba County |
| 580 | Expense | PSEP | Y | 33682 | P.07862 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT T-313-14 PRE-INSPECTION L-050A | Close-Out | 6/1/2014 | 9/1/2014 | 12/29/2014 | 12/29/2014 | N | N | N | 458 | 355,707 | 355,707 | | N/A | | N/A | Local Trans-north-North Valley-Butte County |
| 581 | Expense | PSEP | Y | 33810 | P.07822 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT L-050A TEST 8.08MI MP 27.03-35.37 PH1 | Close-Out | 12/4/2013 | 7/21/2014 | 10/31/2014 | 9/12/2014 | N | N | N | 133,536 | 2,452,379 | 2,452,379 | | N/A | | N/A | Local Trans-north-North Valley-Butte County |
| 582 | Expense | PSEP | Y | 33850 | 41768885 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT L-1970 TEST 7.36MI MP 0.00-7.37 PH1 | Close-Out | 6/23/2013 | 7/19/2014 | 11/7/2014 | 9/12/2014 | N | N | N | 130,518 | 4,216,139 | 4,216,139 | | N/A | | N/A | Local Trans-north-North Coast-Humboldt Coun |
| 583 | Expense | PSEP | Y | 33874 | 42065292 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT L-57A TEST 3.44MI MP 12.1825-12.65 | Close-Out | 1/21/2014 | 3/3/2014 | 12/12/2014 | 11/7/2014 | N | N | N | -166,765 | 1,849,534 | 1,849,534 | | N/A | | N/A | Local Trans-north-East Bay-north-Contra Costa Coun |
| 584 | Expense | PSEP | Y | 34059 | 42139871 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | GT DReg0402-01 TEST 2.44MI MP 2.35-4.8 | Close-Out | 6/6/2014 | 8/19/2014 | 12/31/2014 | 11/30/2014 | N | N | N | 279,985 | 3,474,331 | 3,474,331 | | N/A | | N/A | Local Trans-north-[illegible]-Marin Count |
| 585 | Expense | PSEP | Y | 34619 | 42252143 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | DREG2880 TEST MI 1.38 MP 0 TO MP 1.38 | Close-Out | 12/4/2013 | 5/30/2014 | 12/31/2014 | 8/11/2014 | N | N | N | -66,711 | 2,160,807 | 2,160,807 | | N/A | | N/A | Local Trans-north-East Bay-north-Marin County |
| 586 | Expense | PSEP | Y | 34480 | 42157036 | KE | GT PL Safety Enhance | KE1 | PSEP Pipe Pressure T | 5010250-STRENGTH TESTING | L-188A TEST MP 1.33 TO MP 1.55 | Close-Out | 6/8/2014 | 8/17/2014 | 12/24/2014 | 12/22/2014 | N | N | N | 8,759 | 350,536 | 350,536 | | N/A | | N/A | Local Trans-north-North Valley-Sutter County |
| 587 | Expense | PSEP | Y | 30427 | 42250331 | KE | GT PL Safety Enhance | KEA | PSEP Pipeline Other | 5022588-PSEP DATA VALIDATION & ANALYSIS | GT L-187-1 CULVERT MITIGATION MP 5.01 | Close-Out | 9/30/2014 | 11/10/2014 | 12/12/2014 | 12/9/2014 | N | N | N | 74,387 | 533,782 | 533,782 | | N/A | | N/A | Local Trans-north-North Valley-Butte County |
| 588 | Expense | Base | Y | 24843 | P.02758 | KF | GT&D Instl Regulatory | KF1 | CPUC | 5020853-520-GENERAL ORDER - 2011 | Line Rice Cause Analysis Investigation | Close-Out | 7/1/2011 | 7/1/2011 | 4/1/2015 | 4/1/2013 | N | N | N | 7,113 | 808,183 | 808,183 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 589 | Expense | Base | Y | 32017 | 8141556 | KF | GT&D Instl Regulatory | KF5 | Station MAOP | 5230434-STATION STPR REVIEW | STATION CRITICAL DOCUMENT REVIEW | Close-Out | 4/1/2013 | 4/1/2013 | 4/1/2015 | 4/1/2015 | N | N | Y | -422 | 6,808,379 | 6,808,379 | | N/A | | N/A | Local Trans-Systemwide-Contra Costa County |
| 590 | Expense | PSEP | Y | 35071 | P.08424 | KF | GT&D Instl Regulatory | KF5 | Station MAOP | 5230434-STATION STPR REVIEW | STPR BUILD SUPPORT AND RETRIEVAL | Close-Out | 4/1/2013 | 4/1/2013 | 3/10/2015 | 3/10/2015 | N | N | Y | -237,018 | 3,807,071 | 3,807,071 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 591 | Expense | PSEP | Y | 35272 | P.08424 | KF | GT&D Instl Regulatory | KF5 | Station MAOP | 5230434-STATION STPR REVIEW | STPR SPL BUILD AND ENGINEERING | Close-Out | 4/1/2013 | 4/1/2013 | 3/10/2015 | 3/10/2015 | N | N | Y | -22,450 | 9,057,485 | 9,057,485 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 592 | Expense | PSEP | Y | 35109 | P.08424 | KF | GT&D Instl Regulatory | KF5 | Station MAOP | 5230434-STATION STPR REVIEW | STPR PROCESS DEVELOPMENT | Close-Out | 4/1/2013 | 4/1/2013 | 3/24/2015 | 3/24/2015 | N | N | Y | -23,512 | 6,422,046 | 6,422,046 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 593 | Expense | Base | N | 854763 | 8142054 | CM | GT Operate System | CMA | GT Operate System | 5000046-GT OPERATIONAL FACILITIES | GT CONTRACTOR SUPPORT | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 4/28/2015 | 4/28/2015 | N | Y | N | 470,430 | 1,046,143 | 1,046,143 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 594 | Expense | Base | N | 854765 | 8142769 | CM | GT Operate System | CMA | GT Operate System | 5000046-GT OPERATIONAL FACILITIES | GT MOH SCADA MAINTENANCE | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 6/28/2015 | 6/28/2015 | N | N | Y | 96,188 | 1,391,081 | 1,391,081 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 595 | Expense | Base | N | 35185 | 42134753 | GJ | Gas Transmission Mtl | GJC | AC Mitigation-Spans | 5240030-L-153 MP 22.67 - 22.69 RCT SPN_522 | L-153 MP22.67 - 22.69 REPAINT SPAN | Construction | 8/22/2014 | 12/1/2015 | 1/8/2016 | / / | N | Y | N | 6,431 | 8,687 | 8,687 | | N/A | | N/A | Trans-[illegible]-Alameda County |
| 596 | Expense | Base | N | 35875 | 42130880 | GJ | Gas Transmission Mtl | GJC | AC Mitigation-Spans | 5240020-L-300B MP 401.8011-401.8102 BCOAT SP_575 | L-300B MP401.8011 TO 401.8102 REPAINT SPA | Construction | 9/18/2014 | 12/1/2016 | 1/17/2017 | / / | N | Y | N | 12,601 | 15,709 | 15,709 | | N/A | | N/A | Kettleman-Fresno County |
| 597 | Expense | Base | N | 35982 | 42127611 | GJ | Gas Transmission Mtl | GJC | AC Mitigation-Spans | 5240184-L-401 MP 333.78 - 333.80 RECOAT SPAN_576 | L-401 MP 333.78 TO 333.80 REPAINT SPAN | Construction | 12/31/2014 | 11/23/2015 | 1/11/2016 | / / | N | N | N | 6,745 | 6,745 | 6,745 | | N/A | | N/A | Tracy-San Joaquin County |
| 598 | Expense | Base | N | 37307 | 42326027 | GJ | Gas Transmission Mtl | GJA | AC Impl Investiga | 5245881-AC INTERFER INVESTIGATION/MITIGATION | AC FAULT INVESTIGATION | Construction | 2/1/2015 | 3/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 388,910 | 388,910 | 388,910 | | N/A | | N/A | Local Trans-Systemwide |
| 599 | Expense | Base | N | 37392 | 42327294 | GJ | Gas Transmission Mtl | GJL | Other-Expense | 5245888-OTHER - EXPENSE | GAS DISTRIBUTION CORROSION SERVICES SUPP | Construction | 1/29/2015 | 3/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 252,084 | 252,084 | 252,084 | | N/A | | N/A | Local Trans-Systemwide-San Bernardino County |
| 600 | Expense | Base | N | 37396 | 42326225 | GJ | Gas Transmission Mtl | GJM | Casing Mitigation | 5245885-CASINGS MITIGATION | 2015 CASING PREP WORK | Construction | 1/29/2015 | 3/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 329,615 | 329,615 | 329,615 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 601 | Expense | Base | N | 37414 | 42320362 | GJ | Gas Transmission Mtl | GJM | Casing Mitigation | 5245885-CASINGS MITIGATION | LINE 1229-05_MP0.0000-0.0270 CASING REME | Close-Out | 10/3/2014 | 2/2/2015 | 6/4/2015 | 3/25/2015 | N | N | Y | 257,550 | 257,550 | 257,550 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 602 | Expense | Base | N | 37430 | 42320011 | GJ | Gas Transmission Mtl | GJM | Casing Mitigation | 5245885-CASINGS MITIGATION | LINE 1815-15 MP 0.67 CASING REMEDIATION | Close-Out | 9/9/2014 | 2/20/2015 | 3/27/2015 | 3/24/2015 | N | N | Y | 374,091 | 374,091 | 374,091 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 603 | Expense | Base | N | 37457 | 42323179 | GJ | Gas Transmission Mtl | GJM | Casing Mitigation | 5245885-CASINGS MITIGATION | LINE 101-1-03 MP 3.85 CASING REMEDIATION | Close-Out | 10/3/2014 | 3/2/2015 | 4/23/2015 | 4/13/2015 | N | N | Y | 449,421 | 449,421 | 449,421 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 604 | Expense | Base | N | 31187 | blank | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | PL Replacement Class Location-Expense | Engineering/Permitting | 6/29/2013 | 7/1/2015 | 1/1/2018 | 1/1/2018 | N | N | N | | | 5,434,880 | | N/A | | N/A | Systemwide-Systemwide |
| 605 | Expense | Base | N | 31330 | blank | HP | CGT Balancing Accoun | HPB | Integrity Manage ILI | 5010014-HPB | MP L-177A MP88.80 TO [illegible] PIGGING&ANALYSIS | Engineering/Permitting | 6/20/2013 | 7/1/2015 | 12/31/2016 | 12/31/2016 | N | N | N | | | | | N/A | | N/A | Local Trans-north-North Coast-[illegible] |
| 606 | Expense | Base | N | 33191 | blank | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | L-153 MP 0.00-18.02, Restore 400 MOP | Engineering/Permitting | 8/8/2013 | 7/1/2015 | 6/23/2017 | 6/23/2017 | Y | N | N | | | 250,000 | | N/A | | N/A | Local Trans-north-Mission |
| 607 | Expense | Base | N | 33507 | blank | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | 2015 ECDA WBS | Engineering/Permitting | 4/8/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 608 | Expense | Base | N | 33638 | 42112333 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | EC15-101 ET | Construction | 8/1/2014 | 8/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 838,677 | 848,541 | 848,541 | | N/A | | N/A | Systemwide-Systemwide-Santa Clara County |
| 609 | Expense | Base | N | 33641 | P.37823 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | EC15-107 ET | Construction | 4/23/2014 | 7/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 183,570 | 427,144 | 427,144 | | N/A | | N/A | Systemwide-Systemwide-Alameda County |
| 610 | Expense | Base | N | 33643 | 42112238 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | EC15-109-2 ET | Construction | 4/1/2014 | 4/1/2014 | 12/31/2015 | 12/31/2015 | N | Y | N | 496,210 | 595,435 | 595,435 | | N/A | | N/A | Systemwide-Systemwide-Alameda County |
| 611 | Expense | Base | N | 34017 | 42105785 | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | DFM-0801-02 MP 1.05-1.81 TEST T-1256 | Construction | 6/1/2014 | 6/1/2014 | 7/24/2015 | 7/24/2015 | N | Y | N | 1,609 | 1,911 | 1,911 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 612 | Expense | Base | N | 34019 | 42105787 | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | DFM-1801-01 MP 0.00-4.18 TEST T-1257 | Construction | 6/1/2014 | 6/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 539 | 872 | 872 | | N/A | | N/A | Local Trans-north-North Coast-[illegible] Co |
| 613 | Expense | Base | N | 34025 | [illegible] | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | L-300A MP 0.64-3.78 TEST T-1087 | Construction | 6/1/2014 | 6/1/2014 | 4/1/2016 | 4/1/2016 | N | Y | N | 12,779 | 93,438 | 93,438 | | N/A | | N/A | Local Trans-Systemwide-San Bernardino County |
| 614 | Expense | Base | N | 34030 | [illegible] | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | L-300B MP 425.65-488.11 TEST T-1080 | Construction | 9/1/2014 | 9/1/2014 | 7/22/2015 | 7/22/2015 | N | Y | N | 330 | 9,439 | 9,439 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |
| 615 | Expense | Base | N | 34775 | 42190041 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | [illegible] PROGRAM | Engineering/Permitting | 7/25/2014 | 7/25/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 616 | Expense | Base | N | 34020 | 42190040 | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5010015-HPC | "CANE" 2014 POST ASSESSMENT | Close-Out | 7/24/2014 | 7/24/2014 | 1/20/2015 | 1/20/2015 | N | N | Y | | | | | N/A | | N/A | Systemwide-Systemwide |
| 617 | Expense | Base | N | 34829 | 42160070 | HP | CGT Balancing Accoun | HPP | T&IP Digs - SCCDA | 5022026-SCCDA DIGS/PREP | SCC15-[illegible] DIGS | Construction | 8/2/2014 | 9/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | 4,472 | 4,472 | 4,472 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 618 | Expense | Base | N | 35044 | 8150042 | HP | CGT Balancing Accoun | HPL | Risk Management | 5030790-RISK MANAGEMENT | RMP UPDATES IN RISK TOOL | Construction | 8/1/2014 | 8/1/2014 | 12/31/2099 | 12/31/2099 | N | Y | N | 271,023 | 333,884 | 333,884 | | N/A | | N/A | Systemwide-Systemwide-San Francisco County |
| 619 | Expense | Base | N | 35383 | blank | HP | CGT Balancing Accoun | HPB | Integrity Manage ILI | 5010014-HPB | 2015 Emergent Non-Traditional ILI Proj | Engineering/Permitting | 8/8/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 620 | Expense | Base | N | 35386 | blank | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5022828-HPI | 2015 Immediate Digs - ILI DE | Engineering/Permitting | 8/8/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 621 | Expense | Base | N | 35400 | blank | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5022828-HPI | 2015 Scheduled Digs - ILI DE | Engineering/Permitting | 8/8/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 622 | Expense | Base | N | 35928 | 42153183 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5022828-HPI | L-177A MT ILI DIRECT EXAM & REPAIR | Close-Out | 7/14/2014 | 4/21/2015 | 5/29/2015 | 4/24/2015 | N | N | Y | 127,137 | 127,137 | 127,137 | | N/A | | N/A | Systemwide-Systemwide-Butte County |
| 623 | Expense | Base | N | 35933 | 42153104 | HP | CGT Balancing Accoun | HPH | Long Term Integrity | 5022829-HPH | "CANO" SIMILAR SEGMENTS INSPECTIONS | Engineering/Permitting | 8/[illegible]/2014 | 8/[illegible]/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 624 | Expense | Base | N | 35841 | 42153157 | HP | CGT Balancing Accoun | HPA | Integrity Manage Oth | 5010015-HPA | IM DATA LOADER TOOL | Engineering/Permitting | 9/10/2014 | 9/10/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 625 | Expense | Base | N | 35860 | 8158573 | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | 2015 U TEST ST MI | Engineering/Permitting | 9/18/2014 | 9/18/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 626 | Expense | Base | N | 35862 | 8158574 | HP | CGT Balancing Accoun | HPF | Pipeline Hydrotests | 5021770-HPF | EMERGENT ST WORK | Engineering/Permitting | 9/18/2014 | 9/18/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 627 | Expense | Base | N | 37160 | 42311425 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5022828-HPI | L-101 MP 11.52-35.00 ILI & ANALYSIS DIGS | Close-Out | 11/9/2014 | 12/8/2014 | 2/26/2015 | 1/19/2015 | N | N | Y | 2,224,340 | 2,224,340 | 2,224,340 | | N/A | | N/A | Local Trans-south-Peninsula-Santa Clara County |
| 628 | Expense | Base | N | 37182 | 42311427 | HP | CGT Balancing Accoun | HPU | Repairs / Replace < | 5022832-HPU | L-101 MP 11.52-33.00 ILI & ANALYSIS DIGS | Close-Out | 12/23/2014 | 2/4/2015 | 4/9/2015 | 2/18/2015 | N | N | Y | 2,045,510 | 2,045,510 | 2,045,510 | | N/A | | N/A | Local Trans-south-Peninsula-Santa Clara County |
| 629 | Expense | Base | N | 37185 | 42311411 | HP | CGT Balancing Accoun | HPI | ILI - Direct Exam | 5022828-HPI | 2015 ILI IMMEDIATE DIGS | Close-Out | 1/1/2015 | 2/10/2015 | 3/9/2015 | 2/18/2015 | Y | N | Y | 338,618 | 338,618 | 338,618 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 630 | Expense | Base | N | 37190 | 42318822 | HP | CGT Balancing Accoun | HPH | Long Term Integrity | 5022829-HPH | T&IP P&M MEASURES | Construction | 1/1/2015 | 1/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | 301,403 | 301,403 | 301,403 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |

TABLE [illegible]
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| Line # | Capital Expense | PSEP Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Class | Project Name or Work Category |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 631 | Expense | Base | N | 37603 | [illegible] | HP | CGT Balancing Accoun | HPI | DJ - Direct Exam | 5023828-HPI | L-300A MP 200-302 DIRECT EXAM & REPAIR |
| 632 | Expense | Base | N | 37671 | [illegible] | HP | CGT Balancing Accoun | HPI | DJ - Direct Exam | 5023828-HPI | L-401 MP 82.3+ - 148.18 DIRECT EXAM & RE |
| 633 | Expense | Base | N | 37683 | [illegible] | HP | CGT Balancing Accoun | HPP | Pipeline Hydrotests | 5021770-HPP | L-300A MP 350.57-372.49 TEST T-1022 |
| 634 | Expense | Base | N | 37687 | [illegible] | HP | CGT Balancing Accoun | HPC | Integrity Manage ECD | 5019016-HPC | EC19-133-2 ET |
| 635 | Expense | Base | N | 37725 | [illegible] | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014-HPB | L-181 MP 10.05 - 10.70 NON-TRADTL ILI |
| 636 | Expense | Base | N | 37788 | 42344210 | HP | CGT Balancing Accoun | HPI | DJ - Direct Exam | 5005828-HPI | L-133 MP 44.59-45.32 DIRECT EXAM & REP |
| 637 | Expense | Base | N | 38104 | [illegible] | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5018701-HPB | DOSP L-101 MP 44.43-44.80 CASED ILI |
| 638 | Expense | Base | N | 38437 | [illegible] | HP | CGT Balancing Accoun | HPB | Integrity manage ILI | 5019014-HPB | L-101 MP 13.07-44.87 Cased Pipe ILI WGS |
| 639 | Expense | Base | N | 38671 | [illegible] | HP | CGT Balancing Accoun | HPI | DJ - Direct Exam | 5005828-HPI | L-300B MP 250-255 ILI DE 2016 |
| 640 | Expense | Base | N | [illegible] | [illegible] | HP | CGT Balancing Accoun | 8A | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | PFL CONTRACTOR HOLDING ORDER |
| 641 | Expense | Base | N | [illegible] | 8153141 | HP | CGT Balancing Accoun | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | PSRS 33202 |
| 642 | Expense | Base | N | [illegible] | 8153142 | HP | CGT Balancing Accoun | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | PSRS 33202 |
| 643 | Expense | Base | N | [illegible] | 8153144 | HP | CGT Balancing Accoun | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | PSRS 33187 |
| 644 | Expense | Base | N | [illegible] | 8160057 | HP | CGT Balancing Accoun | HPG | HPX Safety Work | [illegible]-HPX | SP TASK FORCE - TRANSMISSION |
| 645 | Expense | Base | N | [illegible] | [illegible] | HP | CGT Balancing Accoun | 8A | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | PFL - TRANSMISSION CLOSED ORDER COST |
| 646 | Expense | Base | N | 29480 | [illegible] | 8 | GT Integrity Managem | 8H | TMP Pipeline Pressur | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | 2015 - PGP Public Safety Awareness Prog |
| 647 | Expense | Base | N | 33186 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 241.35 SPAN REPAIR & RECOAT |
| 648 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | 300B MP241.85 RECOAT/REPAINT SPAN |
| 649 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP400.12 RECOAT/REPAINT SPAN |
| 650 | Expense | Base | N | 33876 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP300.25 RECOAT/REPAINT SPAN |
| 651 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP241.88 RECOAT/REPAINT SPAN |
| 652 | Expense | Base | N | 34289 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | GT L 131 MP8.1 RECOAT/REPAINT SPAN |
| 653 | Expense | Base | N | 34370 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-153 MP 25.00-27.80 INSTALL CP |
| 654 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP421.85 TO 421.87 REPAINT SPAN |
| 655 | Expense | Base | N | 35104 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 423.25 - 423.25 REPAINT SPAN |
| 656 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 404.09 - 404.1 REPAINT SPAN |
| 657 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 127.78 - 127.8 REPAINT SPAN |
| 658 | Expense | Base | N | 35108 | 42194461 | D | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 120.48 - 120.5 REPAINT SPAN |
| 659 | Expense | Base | N | 35110 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 422.57 - 422.58 REPAINT SPAN |
| 660 | Expense | Base | N | 35111 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 422.3 - 422.31 REPAINT SPAN |
| 661 | Expense | Base | N | 35112 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 400.08 - 400.09 REPAINT SPAN |
| 662 | Expense | Base | N | 35113 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 401.89 - 401.92 REPAINT SPAN |
| 663 | Expense | Base | N | [illegible] | [illegible] | D | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 400.03 - 400.05 REPAINT SPAN |
| 664 | Expense | Base | N | 35117 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 400.07 - 400.72 REPAINT SPAN |
| 665 | Expense | Base | N | 35118 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 424.91 - 424.93 REPAINT SPAN |
| 666 | Expense | Base | N | [illegible] | [illegible] | D | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 425.03 - 425.04 REPAINT SPAN |
| 667 | Expense | Base | N | 35120 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 424.03 - 424.04 REPAINT SPAN |
| 668 | Expense | Base | N | 35121 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 422.05 - 422.07 REPAINT SPAN |
| 669 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 404.59 - 404.6 REPAINT SPAN |
| 670 | Expense | Base | N | 35147 | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP 430.43 - 430.44 REPAINT SPAN |
| 671 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 428.59 - 428.61 REPAINT SPAN |
| 672 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 405.81 - 405.82 REPAINT SPAN |
| 673 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP 405.04 - 405.05 REPAINT SPAN |
| 674 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L-SP42 MP 3.85 - 3.88 REPAINT SPAN |
| 675 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP385.8 - 385.83 REPAINT SPAN |
| 676 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400 MP111.43 TO 111.45 REPAINT SPAN |
| 677 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP224.85 TO 224.88 REPAINT SPAN |
| 678 | Expense | Base | N | [illegible] | [illegible] | 0 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP390.53 TO 390.54 REPAINT SPAN |
| 679 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP390.71 TO 390.73 REPAINT SPAN |
| 680 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L400A MP400.61 TO 400.63 REPAINT SPAN |
| 681 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP401.41 TO 401.43 REPAINT SPAN |
| 682 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP421.80 TO 421.81 REPAINT SPAN |
| 683 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP422.03 TO 422.05 REPAINT SPAN |
| 684 | Expense | Base | N | [illegible] | [illegible] | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024300-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP422.07 TO 422.09 REPAINT SPAN |

| Line # | Description of work performed in reporting period | Orig Start Date for work started or underway in the reporting period | Actual/Forecast Begin Date | Construction Complete Date | Operative for Service Date | Project start in reporting period (Y/N) / Order Start Date | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement Recommendation (Y/N N/A) | District/Division/County |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 631 | Construction | 4/1/2015 | 7/18/2015 | 8/28/2015 | 7/20/2016 | Y | N | N | 20,130 | 20,130 | 1,209,190 | | N/A | | N/A | Kettleman-Kern County |
| 632 | Construction | 9/18/2015 | 3/1/2016 | 3/17/2016 | 3/8/2016 | Y | N | N | 13,840 | 13,840 | 656,740 | | N/A | | N/A | Local Transmission-North Valley-[illegible] County |
| 633 | Close-Out | 6/4/2014 | 4/10/2016 | 6/7/2016 | 8/24/2016 | N | N | N | 1,778,938 | 1,778,938 | 1,778,938 | | N/A | | N/A | Local Transmission-Fresno-Fresno County |
| 634 | Construction | 3/1/2015 | 2/1/2016 | 12/31/2015 | 12/31/2016 | Y | N | N | 325,069 | 325,069 | 325,069 | | N/A | | N/A | Systemwide-Systemwide-Alameda County |
| 635 | Close-Out | 3/27/2015 | 3/30/2016 | 8/18/2015 | 6/17/2015 | Y | N | Y | 319,349 | 319,349 | 319,349 | | N/A | | N/A | Systemwide-Systemwide-Monterey County |
| 636 | Construction | 4/6/2016 | 4/21/2016 | 8/31/2016 | 4/29/2016 | Y | N | N | 19,318 | 19,318 | 605,318 | | N/A | | N/A | Milpitas/Hollister-Santa Clara County |
| 637 | Close-Out | 12/4/2014 | 4/6/2015 | 8/23/2015 | 4/29/2015 | N | N | N | 310,680 | 310,680 | 310,680 | | N/A | | N/A | Systemwide-Systemwide-San Mateo County |
| 638 | Construction | 12/4/2014 | 9/1/2015 | 3/24/2016 | 11/24/2015 | N | N | N | 2,224,683 | 2,224,683 | 2,224,683 | | N/A | | N/A | Systemwide-Systemwide-San Mateo County |
| 639 | Construction | 5/1/2016 | 11/3/2016 | 3/16/2016 | 1/19/2016 | Y | N | N | 8,509 | 8,509 | 106,560 | | N/A | | N/A | Milpitas/Hollister-Multiple Counties |
| 640 | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 6/29/2015 | 4/29/2015 | N | Y | N | 765,070 | 765,329 | 765,329 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 641 | Engineering/Permitting | 3/1/2014 | 8/1/2014 | 7/28/2016 | 7/28/2016 | N | Y | N | 12,378 | 480,922 | 480,922 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 642 | Engineering/Permitting | 4/1/2014 | 4/1/2014 | 6/29/2016 | 6/28/2015 | N | N | Y | 39,233 | 442,038 | 442,038 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 643 | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 1/28/2016 | 1/22/2015 | N | N | Y | 8,158 | 478,722 | 478,722 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 644 | Engineering/Permitting | 9/1/2014 | 9/1/2014 | 1/29/2016 | 1/28/2016 | N | N | Y | 410 | 509,919 | 509,919 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 645 | Engineering/Permitting | 9/1/2015 | 9/1/2015 | 11/28/2016 | 11/28/2015 | Y | N | N | 285,841 | 285,841 | 285,841 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 646 | Engineering/Permitting | 3/18/2012 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 647 | Close-Out | 5/18/2014 | 12/18/2014 | 2/21/2016 | / / | N | N | Y | [illegible] | 470,402 | 470,402 | | N/A | | N/A | L300-north-Kern-Kern County |
| 648 | Close-Out | 9/19/2014 | 1/13/2015 | 3/26/2015 | / / | N | N | Y | [illegible] | 478,101 | 478,101 | | N/A | | N/A | Kettleman-Kings County |
| 649 | Construction | 7/14/2014 | 3/2/2015 | 4/6/2015 | / / | N | N | Y | 421,201 | 453,652 | 453,652 | | N/A | | N/A | Kettleman-Fresno County |
| 650 | Construction | 7/14/2014 | 2/12/2015 | 3/28/2015 | / / | N | N | Y | 374,678 | 405,906 | 405,906 | | N/A | | N/A | Kettleman-Fresno County |
| 651 | Close-Out | 9/1/2014 | 12/18/2014 | 2/18/2016 | / / | N | N | Y | 340,085 | 438,834 | 438,834 | | N/A | | N/A | Kettleman-Kern County |
| 652 | Close-Out | 7/14/2014 | 12/18/2014 | 1/13/2015 | / / | N | N | Y | 211,887 | 250,981 | 250,981 | | N/A | | N/A | Los Medanos-Contra Costa County |
| 653 | Close-Out | 8/25/2014 | 4/6/2016 | 8/11/2015 | 8/11/2016 | N | N | Y | 450,186 | 477,773 | 477,773 | | N/A | | N/A | Local Transmission-East Bay-Alameda County |
| 654 | Construction | 9/1/2014 | 4/27/2016 | 6/13/2016 | / / | N | Y | N | 3,630 | 7,627 | 7,627 | | N/A | | N/A | Kettleman-Fresno County |
| 655 | Construction | 8/1/2014 | 4/6/2016 | 6/14/2016 | / / | N | Y | N | 8,148 | 11,172 | 11,172 | | N/A | | N/A | Kettleman-Fresno County |
| 656 | Construction | 8/1/2014 | 3/21/2016 | 4/27/2016 | / / | N | Y | N | 4,408 | 6,020 | 6,020 | | N/A | | N/A | Kettleman-Fresno County |
| 657 | Construction | 8/1/2014 | 5/2/2016 | 8/18/2016 | / / | N | Y | N | 4,000 | 7,286 | 7,286 | | N/A | | N/A | Kettleman-Fresno County |
| 658 | Construction | 8/1/2014 | 5/3/2016 | 6/16/2016 | / / | N | Y | N | 9,877 | 12,718 | 12,718 | | N/A | | N/A | Kettleman-Fresno County |
| 659 | Construction | 8/1/2014 | 5/18/2016 | 7/1/2016 | / / | N | Y | N | 4,747 | 7,217 | 7,217 | | N/A | | N/A | Kettleman-Fresno County |
| 660 | Construction | 11/6/2014 | 2/2/2016 | 6/8/2016 | / / | N | Y | N | 9,800 | 11,333 | 11,333 | | N/A | | N/A | Kettleman-Fresno County |
| 661 | Construction | 10/1/2014 | 6/1/2016 | 7/12/2016 | / / | N | Y | N | 10,053 | 14,378 | 14,378 | | N/A | | N/A | Kettleman-Fresno County |
| 662 | Construction | 10/1/2014 | 6/3/2016 | 6/18/2016 | / / | N | Y | N | 7,780 | 10,430 | 10,430 | | N/A | | N/A | Kettleman-Fresno County |
| 663 | Construction | 11/6/2014 | 5/2/2016 | 6/18/2016 | / / | N | Y | N | 1,080 | 2,388 | 2,388 | | N/A | | N/A | Kettleman-Fresno County |
| 664 | Construction | 6/14/2014 | 5/3/2016 | 6/18/2016 | / / | N | Y | N | 6,604 | 9,580 | 9,580 | | N/A | | N/A | Kettleman-Fresno County |
| 665 | Construction | 6/14/2014 | 5/3/2016 | 6/18/2016 | / / | N | Y | N | 2,280 | 5,627 | 5,627 | | N/A | | N/A | Kettleman-Fresno County |
| 666 | Construction | 6/14/2014 | 5/2/2016 | 6/18/2016 | / / | N | Y | N | 1,978 | 4,830 | 4,830 | | N/A | | N/A | Kettleman-Fresno County |
| 667 | Construction | 6/14/2014 | 5/2/2016 | 6/18/2016 | / / | N | Y | N | 2,783 | 6,740 | 6,740 | | N/A | | N/A | Kettleman-Fresno County |
| 668 | Construction | 11/6/2014 | 5/2/2016 | 6/15/2016 | / / | N | Y | N | 11,113 | 13,878 | 13,878 | | N/A | | N/A | Kettleman-Fresno County |
| 669 | Construction | 11/13/2014 | 5/3/2016 | 6/16/2016 | / / | N | Y | N | 3,827 | 8,290 | 8,290 | | N/A | | N/A | Kettleman-Fresno County |
| 670 | Engineering/Permitting | 11/4/2014 | 5/3/2016 | 6/18/2016 | / / | N | N | N | | | | | N/A | | N/A | Kettleman-Fresno County |
| 671 | Construction | 11/3/2014 | 5/3/2016 | 6/18/2016 | / / | N | Y | N | 3,305 | 7,000 | 7,000 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 672 | Construction | 11/3/2014 | 5/11/2016 | 6/24/2016 | / / | N | Y | N | 12,450 | 15,658 | 15,658 | | N/A | | N/A | Milpitas/Hollister-Fresno County |
| 673 | Construction | 11/3/2014 | 5/3/2016 | 6/14/2016 | / / | N | Y | N | 3,238 | 7,460 | 7,460 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 674 | Engineering/Permitting | 6/19/2014 | 6/1/2016 | 6/19/2016 | / / | N | N | N | | | 582,611 | | N/A | | N/A | [illegible]-Solano County |
| 675 | Construction | 9/23/2014 | 4/28/2016 | 6/19/2016 | / / | N | Y | N | 8,133 | 14,388 | 14,388 | | N/A | | N/A | Kettleman-Kern-Fresno County |
| 676 | Construction | 9/23/2015 | 7/1/2016 | 8/3/2016 | / / | Y | Y | N | 3,303 | 6,157 | 806,750 | | N/A | | N/A | Burney-Shasta County |
| 677 | Construction | 11/26/2014 | 3/18/2015 | 8/9/2015 | / / | N | N | Y | 427,030 | 427,774 | 427,774 | | N/A | | N/A | Kettleman-Kings County |
| 678 | Construction | 10/1/2014 | 5/3/2016 | 6/18/2016 | / / | N | Y | N | 6,888 | 10,235 | 10,235 | | N/A | | N/A | Kettleman-Kings County |
| 679 | Construction | 11/6/2014 | 6/3/2016 | 6/18/2016 | / / | N | Y | N | 6,632 | 11,087 | 11,087 | | N/A | | N/A | Kettleman-Kings County |
| 680 | Construction | 8/1/2014 | 5/6/2016 | 6/22/2016 | / / | N | Y | N | 13,382 | 16,135 | 16,135 | | N/A | | N/A | Kettleman-Kings County |
| 681 | Construction | 10/1/2014 | 6/10/2016 | 6/20/2016 | / / | N | Y | N | 8,009 | 9,145 | 9,145 | | N/A | | N/A | Kettleman-Kings County |
| 682 | Construction | 8/15/2014 | 9/10/2016 | 6/25/2016 | / / | N | Y | N | 6,087 | 12,045 | 12,045 | | N/A | | N/A | Kettleman-Fresno County |
| 683 | Construction | 9/10/2014 | 9/12/2016 | 6/26/2016 | / / | N | Y | N | 3,807 | 6,804 | 6,804 | | N/A | | N/A | Kettleman-Fresno County |
| 684 | Construction | 9/18/2014 | 9/10/2016 | 6/29/2016 | / / | N | Y | N | 1,479 | 4,744 | 4,744 | | N/A | | N/A | Kettleman-Fresno County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSES (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital/Expense | PSEP/Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PCAS ID # | Order #/Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/N/A) | Capital Project Described in any Rate Case Work papers (Case Year or Blank)? | Government Requirement/Recommendation (Y/N/N/A) | District/Division/County |
| 685 | Expense | Base | N | 35679 | 42106855 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP402.57 TO 402.58 REPAINT SPAN | Construction | 12/1/2014 | 6/30/2016 | 8/10/2016 | / / | N | Y | N | 1,116 | 4,607 | 4,607 | | N/A | | N/A | Kettleman-Fresno County |
| 686 | Expense | Base | N | 35680 | 42106856 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP403.15 TO 403.16 REPAINT SPAN | Construction | 8/11/2014 | 3/28/2016 | 8/11/2016 | / / | N | Y | N | 7,380 | 10,880 | 10,880 | | N/A | | N/A | Kettleman-Fresno County |
| 687 | Expense | Base | N | 35681 | 42106858 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP403.70 TO 403.71 REPAINT SPAN 30 | Construction | 12/1/2014 | 3/28/2016 | 8/11/2016 | / / | N | Y | N | 8,235 | 11,506 | 11,506 | | N/A | | N/A | Kettleman-Fresno County |
| 688 | Expense | Base | N | 35700 | 42106784 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP403.79 TO 403.81 REPAINT SPAN | Construction | 12/1/2014 | 3/28/2016 | 8/10/2016 | / / | N | Y | N | 5,632 | 7,918 | 7,918 | | N/A | | N/A | Kettleman-Kings County |
| 689 | Expense | Base | N | 35701 | 42105780 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP404.55 TO 404.58 REPAINT SPAN | Construction | 12/1/2014 | 7/8/2016 | 4/18/2016 | / / | N | Y | N | 6,013 | 8,513 | 8,513 | | N/A | | N/A | Kettleman-Kings County |
| 690 | Expense | Base | N | 35763 | 42106941 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP405.29 TO 405.31 REPAINT SPAN | Construction | 12/1/2014 | 6/28/2016 | 9/13/2016 | / / | N | Y | N | 4,020 | 6,005 | 6,005 | | N/A | | N/A | Milpitas/Hollister-Fresno County |
| 691 | Expense | Base | N | 35767 | 42106942 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP405.69 TO 405.68 REPAINT SPAN | Construction | 12/1/2014 | 6/28/2016 | 9/19/2016 | / / | N | Y | N | 4,835 | 6,768 | 6,768 | | N/A | | N/A | Milpitas/Hollister-Fresno County |
| 692 | Expense | Base | N | 35766 | 42106943 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP405.72 TO 405.74 REPAINT SPAN | Construction | 12/1/2014 | 9/10/2016 | 9/25/2016 | / / | N | Y | N | 2,427 | 6,583 | 6,583 | | N/A | | N/A | Milpitas/Hollister-Fresno County |
| 693 | Expense | Base | N | 35769 | 42106944 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP407.58 TO 407.6 REPAINT SPAN | Construction | 12/1/2014 | 9/10/2016 | 9/25/2016 | / / | N | Y | N | 1,440 | 4,357 | 4,357 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 694 | Expense | Base | N | 35780 | 42106945 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP407.70 TO 407.72 REPAINT SPAN | Construction | 12/1/2014 | 9/10/2016 | 9/25/2016 | / / | N | Y | N | 1,857 | 4,481 | 4,481 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 695 | Expense | Base | N | 35781 | 42106946 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP407.25 TO 407.27 REPAINT SPAN | Construction | 12/1/2014 | 9/10/2016 | 9/25/2016 | / / | N | Y | N | 1,059 | 3,684 | 3,684 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 696 | Expense | Base | N | 35762 | 42106947 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300B MP410.22 TO 410.4 REPAINT SPAN | Construction | 12/1/2014 | 9/10/2016 | 9/25/2016 | / / | N | Y | N | 1,778 | 4,252 | 4,252 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 697 | Expense | Base | N | 35775 | 42136860 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L-300B MP400.27 REPAINT SPAN 29 | Construction | 8/13/2014 | 2/29/2016 | 9/15/2016 | / / | N | N | N | 15,880 | 15,880 | 15,880 | | N/A | | N/A | Milpitas/Hollister-San Benito County |
| 698 | Expense | Base | N | 35785 | 42107402 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L300A MP1.36 TO 1.37 REPAINT SPAN | Construction | 8/10/2014 | 6/8/2016 | 9/18/2016 | / / | N | Y | N | 2,418 | 3,848 | 3,848 | | N/A | | N/A | Topock-San Bernardino County |
| 699 | Expense | Base | N | 35843 | 42107800 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L002 MP 137.52 TO 137.84 REPAINT SPAN | Construction | 8/13/2014 | 8/11/2016 | 9/28/2016 | / / | N | Y | N | 2,844 | 6,480 | 6,480 | | N/A | | N/A | Tracy-Contra Costa County |
| 700 | Expense | Base | N | 35843 | 42107801 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L114 MP 20.09 TO 20.10 REPAINT SPAN | Construction | 8/13/2014 | 1/29/2016 | 3/15/2016 | / / | N | Y | N | 11,391 | 13,472 | 13,472 | | N/A | | N/A | Tracy-Contra Costa County |
| 701 | Expense | Base | N | 35844 | 42107802 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L114 MP 20.85 TO 20.86 REPAINT SPAN | Construction | 8/15/2014 | 12/7/2015 | 12/23/2015 | / / | N | Y | N | 11,059 | 12,725 | 12,725 | | N/A | | N/A | Tracy |
| 702 | Expense | Base | N | 35845 | 42107803 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L131 MP 22.84 TO 20.80 REPAINT SPAN | Construction | 8/13/2014 | 12/7/2015 | 12/23/2015 | / / | N | Y | N | 8,825 | 14,477 | 14,477 | | N/A | | N/A | Tracy |
| 703 | Expense | Base | N | 35851 | 42107808 | 8 | GT Integrity Managem | 8D | Pipeline Integrity M | 5024900-INTEGRITY MANAGE CORROSION ENG (HPD) | L304 MP 4.62 TO 4.63 REPAINT SPAN | Construction | 10/11/2014 | 11/16/2015 | 1/6/2016 | / / | N | Y | N | 14,587 | 19,820 | 19,820 | | N/A | | N/A | Tracy |
| 704 | Expense | Base | N | 12047 | 40130530 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-SCCDM DFM LEAK SURVEY | Close-Out | 12/18/2001 | 1/1/2002 | 6/29/2015 | 6/29/2015 | N | N | Y | 10,701 | 379,357 | 379,351 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 705 | Expense | Base | N | 12048 | 40130533 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-3CCDM M.M. LEAK SURVEY | Close-Out | 4/1/2002 | 6/1/2002 | 7/29/2015 | 7/29/2015 | N | Y | N | 40,046 | 679,504 | 679,504 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 706 | Expense | Base | N | 12120 | 40137704 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-ZDLID M.M. LEAK SURVEY | Close-Out | 2/1/2002 | 1/1/2002 | 7/29/2015 | 7/29/2015 | N | Y | N | 38,439 | 457,384 | 457,384 | | N/A | | N/A | Local Trans-north-Diablo-Contra Costa County |
| 707 | Expense | Base | N | 12205 | 40130254 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-4PRTE M.M. LEAK SURVEY | Close-Out | 12/20/2001 | 6/1/2002 | 6/30/2015 | 6/30/2015 | N | N | Y | 40,115 | 300,838 | 300,838 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 708 | Expense | Base | N | 12524 | 40130085 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-ND... M.M. LEAK SURVEY | Close-Out | 1/18/2002 | 8/1/2004 | 6/29/2015 | 6/29/2015 | N | N | Y | 24,975 | 310,080 | 310,080 | | N/A | | N/A | Local Trans-north-North Coast-eureka-Humboldt Coun |
| 709 | Expense | Base | N | 12570 | 40132541 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-1PAHN M.M. LEAK SURVEY | Close-Out | 3/8/2002 | 7/1/2002 | 6/30/2015 | 6/30/2015 | N | N | Y | 14,871 | 381,078 | 381,918 | | N/A | | N/A | Local Trans-south-Peninsula-San Mateo County |
| 710 | Expense | Base | N | 12702 | 40130570 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-4DAPS DFM LEAK SURVEY | Close-Out | 1/24/2002 | 3/1/2002 | 7/28/2015 | 7/28/2015 | N | Y | N | 3,073 | 275,500 | 275,530 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 711 | Expense | Base | N | 12703 | 40130571 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-ESAPS M.M. LEAK SURVEY | Close-Out | 1/24/2002 | 3/1/2002 | 6/29/2015 | 6/29/2015 | N | Y | N | 135,043 | 1,073,400 | 1,073,400 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 712 | Expense | Base | N | 12773 | 40135770 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-STXT DFM LEAK SURVEY | Close-Out | 1/30/2002 | 3/1/2002 | 4/28/2015 | 4/28/2015 | N | N | Y | 25,254 | 257,485 | 257,485 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 713 | Expense | Base | N | 12778 | 40135772 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-STXT M.M. LEAK SURVEY | Close-Out | 1/30/2002 | 4/1/2002 | 4/29/2015 | 4/29/2015 | N | N | Y | 7,984 | 489,090 | 489,095 | | N/A | | N/A | Local Trans-north-Stockton-San Joaquin County |
| 714 | Expense | Base | N | 13024 | 40136871 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-CDHS M.M. LEAK SURVEY | Close-Out | 1/30/2002 | 9/1/2002 | 7/29/2015 | 7/29/2015 | N | Y | N | 59,022 | 468,522 | 468,522 | | N/A | | N/A | Local Trans-north-Sierra-auburn-Placer County |
| 715 | Expense | Base | N | 13020 | 40132023 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023400-GT LEAK SURVEY - AERIAL - CC | SPM-GYOAU DFM LEAK SURVEY | Close-Out | 2/1/2002 | 2/1/2002 | 7/28/2015 | 7/28/2015 | N | Y | N | 19,043 | 307,840 | 307,840 | | N/A | | N/A | Local Trans-south-Yosemite-modesto-Stanislaus Coun |
| 716 | Expense | Base | N | 82220 | 40130425 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023573-GT REQUIRED PIPELINE PATROL-AERIAL-CC | SPM-TNDNR M.M. LEAK SURVEY | Engineering/Permitting | 1/1/2002 | 1/1/2002 | 7/28/2015 | 7/28/2015 | N | Y | N | 32,741 | 570,208 | 570,208 | | N/A | | N/A | Systemwide-Systemwide-Sonoma County |
| 717 | Expense | Base | N | 450821 | 8162281 | JO | GT Pipeline Maintenance | JOE | Ground Leak Survey | 5023573-GT REQUIRED PIPELINE PATROL-AERIAL-CC | GT LE SURVEY SCHED & DATA MGMT | Engineering/Permitting | 4/1/2015 | 4/1/2015 | 7/28/2015 | 7/28/2015 | Y | N | N | 275,484 | 275,484 | 375,484 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 718 | Expense | Base | N | 050020 | 8162857 | JO | GT Pipeline Maintenance | JOW | Aerial Leak Survey | 5023573-GT REQUIRED PIPELINE PATROL-AERIAL-CC | PCEP SURVEY - AERIAL | Engineering/Permitting | 3/1/2015 | 3/1/2015 | 7/28/2015 | 7/28/2015 | Y | N | N | 259,918 | 259,918 | 259,918 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 719 | Expense | Base | N | 88220 | 8162716 | JO | GT Pipeline Maintenance | JOW | Aerial Leak Survey | 5023573-GT REQUIRED PIPELINE PATROL-AERIAL-CC | AERIAL SURVEY - LASER | Engineering/Permitting | 9/1/2015 | 9/1/2015 | 7/28/2016 | 7/28/2016 | Y | N | N | 307,707 | 307,707 | 307,707 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 720 | Expense | Base | N | 7825 | blank | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GDMETS EXPENSE SPECIFIC PROJECTS | Best Asphalt Holding Corp - CAP 702200 | Engineering/Permitting | 7/25/2014 | 6/29/2015 | 6/29/2015 | 6/29/2015 | N | N | Y | | | | | N/A | | N/A | Hinkley |
| 721 | Expense | Base | N | 17791 | 40754990 | JT | GT Reliability & Gen | JTA | Pipeline WRO Expense | 6010519-WRO CONFLICTS MS ANTIOCH TERM NEW ROAD | DFM 0805-01 MP 1.70 EXTEND CASING | Construction | 11/1/2008 | 11/1/2008 | 6/4/2015 | 6/4/2015 | N | Y | N | 529 | 2,123 | 1,000,829 | | N/A | | N/A | Local Trans-north-Mission Bay-... |
| 722 | Expense | Base | N | 22103 | 41472016 | JT | GT Reliability & Gen | JTG | Storage Well | 5012517-OTHER GDMETS EXPENSE SPECIFIC PROJECTS | "CANC" HINKLEY - PERFORM SWITCHGEAR MAIN | Close-Out | 4/9/2014 | 4/9/2014 | 6/29/2015 | 6/29/2015 | N | N | Y | | | | | N/A | | N/A | Hinkley-Kern-Colusa County |
| 723 | Expense | Base | N | 22104 | 41472017 | JT | GT Reliability & Gen | JTG | Storage Well | 5012517-OTHER GDMETS EXPENSE SPECIFIC PROJECTS | "CANC" TOPOCK - PERFORM SWITCHGEAR MAINT | Close-Out | 4/4/2014 | 4/4/2014 | 6/30/2015 | 6/30/2015 | N | N | Y | | | | | N/A | | N/A | Topock-Kern-Colusa County |
| 724 | Expense | Base | N | 2[illegible] | 42072869 | JT | GT Reliability & Gen | JTP | Compr Compress Ovr | 5010511-COMPRESSOR OVERHAULS & INSPECTIONS | PLEASANT CRK K-6 ANNUAL MAINT 2015 | Construction | 4/1/2015 | 4/10/2015 | 12/29/2015 | 12/29/2015 | Y | N | N | 1,036 | 1,030 | 1,036 | | N/A | | N/A | Los Medanos-Yolo County |
| 725 | Expense | Base | N | 35277 | blank | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | Bethany Motor replacements | Engineering/Permitting | 6/4/2015 | 7/1/2015 | 12/29/2017 | 12/29/2017 | Y | N | N | | | 4,918,333 | | N/A | | N/A | Tracy |
| 726 | Expense | Base | N | 33602 | 42165861 | JT | GT Reliability & Gen | JTO | Pipeline Other | 6022450-GT PAINTING & COATING MAINTENANCE | 12?A_4.8?_FAULT CROSS STUDY | Engineering/Permitting | 8/10/2014 | 8/10/2014 | 8/28/2016 | 8/28/2016 | N | N | N | | | 582,833 | | N/A | | N/A | Local Trans-north-North Coast-ukiah-Humboldt Count |
| 727 | Expense | Base | N | 10690 | 42123340 | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 1230_4.17_FAULT CROSSING STUDY | Engineering/Permitting | 8/10/2014 | 8/10/2014 | 8/28/2016 | 8/28/2016 | N | N | N | | | 577,923 | | N/A | | N/A | Local Trans-north-North Coast-eureka-Humboldt Coun |
| 728 | Expense | Base | N | 30712 | blank | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 21?_20.?_Fault Cross Study | Engineering/Permitting | 7/25/2015 | 7/1/2015 | 12/28/2016 | 12/28/2016 | Y | N | N | | | 309,000 | | N/A | | N/A | Local Trans-north-... |
| 729 | Expense | Base | N | 30782 | 42143870 | JT | GT Reliability & Gen | JT3 | Fault Crossings | 5022450-GT PAINTING & COATING MAINTENANCE | FAULT CROSSING PIPE DISPLACEMENT MONITOR | Construction | 1/1/2015 | 1/1/2015 | 12/31/2017 | 12/31/2017 | Y | N | N | 10,182 | 10,182 | 10,182 | | N/A | | N/A | Systemwide-Systemwide |
| 730 | Expense | Base | N | 30811 | 42141935 | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 2016-17 MP 1.17 EVAL EXP JNT | Construction | 9/1/2014 | 6/1/2014 | 6/29/2017 | 6/29/2017 | N | Y | N | 4,088 | 8,301 | 1,200,301 | | N/A | | N/A | Local Trans-north-Sacramento-Sacramento County |
| 731 | Expense | Base | N | 32274 | 42150483 | JT | GT Reliability & Gen | JTY | JTO Safety Work | 5010517-OTHER GDMETS EXPENSE SPECIFIC PROJECTS | MCO IS - TCS FLOW ARM SETTLEMENT REPAIR | Construction | 3/1/2013 | 8/1/2015 | 12/29/2015 | 12/29/2016 | Y | N | N | 5,412 | 5,412 | 15,412 | | N/A | | N/A | McDonald Island-San Joaquin County |
| 732 | Expense | Base | N | 33352 | blank | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017503-0604-03 UPRATE LAFAYETTE DFM | L1004 MP-22.85-30.50 Aspen HCA Pressure | Engineering/Permitting | 7/1/2016 | 7/1/2016 | 12/1/2016 | 12/1/2016 | N | N | N | | | 8,100,000 | | N/A | | N/A | Local Trans-... |
| 733 | Expense | Base | N | 32835 | blank | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 21C_42.95_Mcabe Crossed Pipe | Engineering/Permitting | 3/6/2015 | 7/1/2015 | 10/31/2017 | 10/31/2017 | Y | N | N | | | 500,000 | | N/A | | N/A | Local Trans-north-North Coast-santa Rosa |
| 734 | Expense | Base | N | 33350 | blank | JT | GT Reliability & Gen | JT6 | General Pipe Repair | 5017504-GT EMERG & UNFORESEEN PL REPAIR | L-177A MP 25.54 - 37.68_Cleaning PIG | Engineering/Permitting | 6/?/2015 | 7/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | | | 650,000 | | N/A | | N/A | Local Trans-north-North Valley |
| 735 | Expense | Base | N | 35331 | 42805065 | JT | GT Reliability & Gen | JT6 | General Pipe Repair | 5010519-PIPELINE REPAIR ROW | L300B MP 133.334 TO 137.155 REPLACEMENT | Construction | 1/5/2016 | 9/8/2016 | 11/18/2016 | 12/29/2016 | Y | N | N | 9,612 | 9,612 | 10,294,012 | | N/A | | N/A | Hinkley-San Bernardino County |
| 736 | Expense | Base | N | 33384 | 42805052 | JT | GT Reliability & Gen | JT6 | General Pipe Repair | 5012515-PIPELINE REPAIR ROW | L-300B MP 143.384 TO 146.07 REPLACEMENT | Construction | 1/6/2015 | 8/8/2016 | 11/10/2016 | 12/29/2016 | Y | N | N | 4,153 | 4,153 | 5,429,153 | | N/A | | N/A | Hinkley-Kern-San Bernardino County |
| 737 | Expense | Base | N | 35417 | blank | JT | GT Reliability & Gen | JTO | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 400_247.55_Crossing Cover | Engineering/Permitting | 7/1/2015 | 7/1/2015 | 12/29/2016 | 12/29/2016 | N | N | N | | | 450,000 | | N/A | | N/A | Local Trans-north-Sierra |
| 738 | Expense | Base | N | 35429 | 42160067 | JT | GT Reliability & Gen | JTC | Pressure Tests | 5017503-0604-03 UPRATE LAFAYETTE DFM | DCH-01-02 FULLY DFM CAPACITY HYDROTEST | Construction | 3/1/2016 | 3/1/2016 | 6/28/2017 | 6/28/2017 | Y | N | N | 4,371 | 4,371 | 4,371 | | N/A | | N/A | Local Trans-south-San Jose-Santa Clara County |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A<br>Line # | B<br>Capital/Expense | C<br>PSEP/Base | D<br>Project Listed in Previous CPUC Safety Reports (Y/N) | E<br>PSRS ID # | F<br>Order # / Planning Order # | G<br>MWC | H<br>MWC Description | I<br>MAT | J<br>MAT Description | K<br>Planning Order Group | L<br>Project Name or Work Category | M<br>Description of work performed in reporting period | N<br>Order Start Date for work started or underway in the reporting period | O<br>Actual/Planned Start Date | P<br>Construction Complete Date | Q<br>Operative or In Service Date | R<br>Project start in reporting period (Y/N) <Order Start Date> | S<br>Project Uncertainty in Reporting Period (Y/N) | T<br>Project completed in reporting period (Y/N) | U<br>Net Amount spent in the Reporting Period | V<br>Net Total amount spent since project inception to End of Reporting Period | W<br>Net Total Forecast | X<br>Top 100 Report (Report Year or Blank) | Y<br>HCA (Y/N/NA) | Z<br>Capital Project Described in any Rate Case filing (Case Year or Blank) | AA<br>Governance Requirement Recommendation (Y/N/NA) | AB<br>District/Division/County |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 739 | Expense | Base | N | 33529 | 42206897 | JT | GT Reliability & Gen | JTP | Station Compressor Ovr | 5010511-COMPRESSOR OVERHAULS & INSPECTIONS | LOS MEDANOS K-1 ANNUAL MAINT 2015/2016 | Construction | 9/1/2013 | 6/1/2015 | 12/1/2016 | 12/1/2016 | Y | N | N | 605 | 605 | 520,025 | | N/A | | N/A | Los Medanos-Contra Costa County |
| 740 | Expense | Base | N | 33600 | 42122509 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | L-121 MP 0.00-0.89 TEST T-1022 | Construction | 9/9/2014 | 6/1/2014 | 7/2/2016 | 7/2/2016 | N | Y | N | 99,849 | 135,380 | 135,380 | | N/A | | N/A | Local Trans-north-Sierra-Yuba County |
| 741 | Expense | Base | N | 33614 | 42122929 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | L-124D MP 0.85-23.10 TEST T-1210 | Construction | 9/1/2014 | 6/1/2014 | 6/24/2015 | 6/24/2015 | N | Y | N | 24,197 | 183,137 | 183,137 | | N/A | | N/A | Local Trans-north-Sierra-Placer County |
| 742 | Expense | Base | N | 33652 | 42128781 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | L-118A MP 58.74-60.45 TEST T-1234 | Construction | 9/1/2014 | 6/1/2014 | 7/8/2015 | 7/8/2015 | N | Y | N | 2,234 | 16,258 | 16,258 | | N/A | | N/A | Local Trans-south-Yosemite-Madera County |
| 743 | Expense | Base | N | 34039 | blank | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | [illegible] CS Install Liquid Separator | Engineering/Permitting | 3/18/2015 | 7/1/2015 | 12/18/2017 | 12/18/2017 | Y | N | N | | | 8,000,000 | | N/A | | N/A | [illegible] |
| 744 | Expense | Base | N | 34130 | blank | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | "Old" GT ELECTRICAL DESIGN CRITERIA & ST | Engineering/Permitting | 3/24/2014 | 7/1/2016 | 12/31/2016 | 12/31/2016 | N | N | N | | | | | N/A | | N/A | Local Trans-Systemwide |
| 745 | Expense | Base | N | 34132 | blank | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | Station Painting and Coating program | Engineering/Permitting | 9/12/2014 | 7/1/2016 | 12/31/2018 | 12/31/2018 | N | N | N | | | 8,400,000 | | N/A | | N/A | Local Trans-Systemwide |
| 746 | Expense | Base | N | 34264 | 42160425 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | PCREEK CONTACT TOWER INSPECT AND REFURB | Engineering/Permitting | 7/27/2015 | 1/27/2016 | 4/30/2016 | 3/30/2016 | N | N | N | | | 427,739 | | N/A | | N/A | Los Medanos-Yolo County |
| 747 | Expense | Base | N | 34276 | 42161709 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | GT UPS & BATTERY DATABASE | Engineering/Permitting | 6/1/2014 | 9/1/2014 | 12/31/2016 | 12/31/2016 | N | N | N | | | | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 748 | Expense | Base | N | 34279 | 42189580 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | GT ELECTRICAL DESIGN CRITERIA & STANDARD | Construction | 2/20/2015 | 3/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 19,797 | 19,797 | 19,797 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 749 | Expense | Base | N | 34285 | blank | JT | GT Reliability & Gen | JTE | Station Compressor Rent | 5011600-GT EMERG & UNFORESEEN COMP RENTS. AGMNT | Systemwide-Dropping (MIE-?) | Engineering/Permitting | 6/23/2014 | 7/1/2015 | 12/31/2018 | 12/31/2018 | N | N | N | | | 881,528 | | N/A | | N/A | Systemwide-Systemwide |
| 750 | Expense | Base | N | 34353 | blank | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 1200_12.01_Exposed Pipe | Engineering/Permitting | 8/20/2015 | 7/1/2016 | 8/10/2016 | 8/10/2016 | Y | N | N | | | 265,000 | | N/A | | N/A | Local Trans-north-Sierra |
| 751 | Expense | Base | N | 34479 | blank | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | "Old" TOPOCK BYPASS PROJECT | Engineering/Permitting | 9/12/2015 | 7/1/2015 | 6/30/2017 | 6/30/2017 | Y | N | N | | | 7,100,000 | | N/A | | N/A | Topock-Kern |
| 752 | Expense | Base | N | 34582 | 42322700 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | 576-4601_0.25-0.80_TEST 2000FT OF 10in | Construction | 1/1/2015 | 1/1/2015 | 8/1/2016 | 8/1/2016 | Y | N | N | 104,579 | 104,579 | 104,579 | | N/A | | N/A | [illegible]-Stockton-San Joaquin County |
| 753 | Expense | Base | N | 34605 | 42181829 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | BETHANY K2 MOTOR ROTOR EXCHANGE & MOD | Engineering/Permitting | 7/30/2014 | 7/30/2014 | 12/30/2016 | 12/30/2016 | N | N | N | | | 30,000 | | N/A | | N/A | Tracy-Alameda County |
| 754 | Expense | Base | N | 34633 | 42267929 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | STATION-FONTANOSO V-6 REBUILD | Construction | 8/4/2015 | 8/4/2015 | 8/1/2016 | 8/1/2016 | Y | N | N | 1,029 | 1,029 | 11,029 | | N/A | | N/A | Local Trans-south-San Jose |
| 755 | Expense | Base | N | 35200 | 42193700 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | DFM-1816-01 MP 12.78-18.30 TEST T-055 | Construction | 9/1/2014 | 9/4/2014 | 9/1/2015 | 9/1/2015 | N | Y | N | 531,804 | 844,041 | 844,047 | | N/A | | N/A | Local Trans-south-Central Coast-Santa Cruz County |
| 756 | Expense | Base | N | 35200 | 42180783 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | STATION AUXILIARY M&C | Engineering/Permitting | 6/20/2014 | 8/20/2014 | 12/31/2019 | 12/31/2019 | N | N | N | | | 21,380,484 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 757 | Expense | Base | N | 35236 | blank | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | Develop Metrics & KPIs | Engineering/Permitting | 6/20/2014 | 7/1/2015 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 758 | Expense | Base | N | 35237 | 42179850 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TOPOCK REMEDY - STATION COMPRESSION CAP | Construction | 1/1/2015 | 1/1/2016 | 12/28/2017 | 12/28/2017 | Y | N | N | 24,325 | 24,325 | 270,908 | | N/A | | N/A | Topock-Kern-San Bernardino County |
| 759 | Expense | Base | N | 35238 | 42125581 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | SPARE GENSIS BLOCK PURCHASE | Engineering/Permitting | 7/1/2015 | 7/1/2015 | 3/1/2018 | 3/1/2018 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 760 | Expense | Base | N | 35239 | 42180728 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | EXP-JTG-GAS QUALITY ASSESSMENT - TBD | Construction | 2/1/2015 | 2/1/2015 | 12/31/2019 | 12/31/2019 | Y | N | N | 128,720 | 128,720 | 528,720 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 761 | Expense | Base | N | 35240 | 42180701 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TBD - CAP SECURITY JOBS | Engineering/Permitting | 8/20/2014 | 8/20/2014 | 12/31/2019 | 12/31/2018 | N | N | N | | | 5,259,226 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 762 | Expense | Base | N | 35241 | 42180782 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TBD - CAP AUXILIARY | Engineering/Permitting | 8/22/2014 | 8/22/2014 | 12/31/2019 | 12/31/2019 | N | N | N | | | 3,130,047 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 763 | Expense | Base | N | 35243 | 42180784 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | ENHANCED MEASUREMENT PROGRAM | Construction | 2/1/2015 | 2/1/2015 | 12/31/2019 | 12/31/2019 | Y | N | N | 384,631 | 384,631 | 384,631 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 764 | Expense | Base | N | 35244 | 42180787 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | TEST LAB - STATION AUXILIARY M&C | Construction | 4/1/2015 | 4/1/2015 | 1/28/2019 | 1/28/2019 | Y | N | N | 60,462 | 60,462 | 60,462 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 765 | Expense | Base | N | 35248 | 42180880 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | REGULATION PROGRAM - STATION AUX M&C | Construction | 3/1/2015 | 3/1/2015 | 12/31/2019 | 12/31/2019 | Y | N | N | 65,065 | 65,065 | 65,065 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 766 | Expense | Base | N | 35247 | 42188881 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | MEASUREMENT-RELATED ANNUAL LICENSES | Engineering/Permitting | 7/1/2015 | 7/1/2015 | 12/31/2019 | 12/31/2019 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 767 | Expense | Base | N | 35250 | 42183579 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | EXP-JTG-STATION VALVES & ACTUATOR M&C | Construction | 3/1/2015 | 3/1/2015 | 12/31/2019 | 12/31/2019 | Y | N | N | 699,419 | 699,419 | 699,419 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 768 | Expense | Base | N | 35253 | 42181008 | JT | GT Reliability & Gen | JTG | Storage Well | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | STATION RECORDS RETRIEVAL - M&C | Engineering/Permitting | 8/22/2014 | 8/22/2014 | 12/31/2017 | 12/31/2017 | N | N | N | | | 5,233,887 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 769 | Expense | Base | N | 35400 | blank | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | 1624-01_MP0.0-1.5_Uprate_2miles_10inch | Engineering/Permitting | 9/18/2014 | 7/1/2015 | 12/31/2017 | 12/31/2017 | N | N | N | | | 3,000,000 | | N/A | | N/A | Local Trans-north-Stockton |
| 770 | Expense | Base | N | 35891 | 8155301 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | 2015 STRENGTH TEST ENGINEERING | Engineering/Permitting | 9/18/2014 | 9/18/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 771 | Expense | Base | N | 35894 | 8152888 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | PRE-INSPECTION | Construction | 9/18/2014 | 9/18/2014 | 10/28/2015 | 10/28/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 772 | Expense | Base | N | 35899 | blank | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | T224-19_MP0.0-1.49_Uprate_1.4mi_10inch | Engineering/Permitting | 9/19/2014 | 7/1/2016 | 1/28/2021 | 1/28/2021 | N | N | N | | | 2,000,000 | | N/A | | N/A | Local Trans-south-Yosemite-[illegible] |
| 773 | Expense | Base | N | 35947 | 42103862 | JT | GT Reliability & Gen | JTC | Pressure Tests | 50179003-0004-03 UPRATE LAFAYETTE DFM | MACRO UNG PREPARATIONS | Construction | 9/18/2014 | 9/18/2014 | 12/31/2015 | 12/31/2015 | N | N | N | | | | | N/A | | N/A | Systemwide-Systemwide |
| 774 | Expense | Base | N | 36074 | 42709482 | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | NAPA EARTHQUAKE L-021B MP 3.69 | Close-Out | 10/1/2014 | 10/1/2014 | 12/1/2014 | 12/1/2014 | N | N | N | 1,487 | 157,230 | 157,250 | | N/A | | N/A | Local Trans-north-Bay-[illegible] |
| 775 | Expense | Base | N | 30165 | blank | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | 401_A_002_Erosion_Mitigation_Spare_Rd | Engineering/Permitting | 10/1/2014 | 7/1/2016 | 12/31/2017 | 12/31/2017 | N | N | N | | | 500,000 | | N/A | | N/A | Local Trans-south-Yosemite-[illegible] |
| 776 | Expense | Base | N | 36827 | 42304723 | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | ST-[illegible] L-021_MP110.11_SINKHOLE_INVESTIGA | Estimation | 3/1/2015 | 1/4/2016 | 12/14/2016 | 12/14/2016 | Y | N | N | 3,013 | 3,013 | 259,513 | | N/A | | N/A | Burney-North Valley-Shasta County |
| 777 | Expense | Base | N | 36829 | 42304739 | JT | GT Reliability & Gen | JTx | Shallow Pipe | 5022450-GT PAINTING & COATING MAINTENANCE | L-123B_MP5.73_EXPOSED PIPE | Construction | 6/1/2015 | 6/1/2015 | 12/28/2015 | 12/28/2015 | Y | N | N | 523 | 523 | 523 | | N/A | | N/A | Local Trans-north-Sierra-Placer County |
| 778 | Expense | Base | N | 35225 | 42280819 | JT | GT Reliability & Gen | JTU | M&C ECA and Gin Hydro | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | ENG CRITICAL ACCESS PH1 - PROJ RESEARCH | Construction | 12/1/2014 | 12/31/2014 | 1/1/2016 | 1/1/2016 | N | Y | N | 554,534 | 555,790 | 555,790 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 779 | Expense | Base | N | 37791 | 42363292 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5010515-PIPELINE REPAIR ROW | [illegible] LEAK REPAIR ON VALVE X[illegible] | Close-Out | 3/1/2015 | 3/1/2015 | 6/28/2015 | 6/28/2015 | Y | N | N | 257,214 | 257,214 | 272,214 | | N/A | | N/A | Local Trans-north-East Bay-south-Alameda County |
| 780 | Expense | Base | N | 37707 | 42341803 | JT | GT Reliability & Gen | JT? | Water and Levee | 5022450-GT PAINTING & COATING MAINTENANCE | WG INCREASED MONITORING AFTER FINDINGS | Construction | 3/1/2015 | 3/1/2015 | 12/31/2020 | 12/31/2020 | Y | N | N | 11,632 | 11,632 | 891,532 | | N/A | | N/A | Local Trans-Systemwide-Multiple Counties |
| 781 | Expense | Base | N | 38025 | 42855084 | JT | GT Reliability & Gen | JTD | Pipeline Other | 5022450-GT PAINTING & COATING MAINTENANCE | MARYSVILLE SUTTE METER STATION_HYDROTEST | Close-Out | 4/10/2015 | 5/6/2015 | 7/18/2016 | 6/8/2016 | Y | N | N | 308,605 | 308,605 | 308,682 | | N/A | | N/A | Marysville-Sierra |
| 782 | Expense | Base | N | 38075 | 42367051 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5011804-GT EMERG & UNFORESEEN PL REPAIR | 1815-16 MP 1.69 EMERGENCY DIG-IN CARMEL | Close-Out | 2/1/2015 | 2/1/2015 | 12/31/2016 | 12/31/2016 | Y | N | N | 431,380 | 431,380 | 459,830 | | N/A | | N/A | Local Trans-south-Central Coast-Monterey County |
| 783 | Expense | Base | N | 38270 | 42363003 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5010515-PIPELINE REPAIR ROW | GT DFM-7225-20 RIVERBANK DIG-IN REPAIR | Close-Out | 3/1/2015 | 3/1/2015 | 8/8/2015 | 8/8/2015 | Y | N | Y | 570,919 | 570,919 | 570,919 | | N/A | | N/A | Local Trans-south-Yosemite-[illegible]-Stanislaus County |
| 784 | Expense | Base | N | 38301 | P.05527 | JT | GT Reliability & Gen | JT? | Fault Crossings | 5022450-GT PAINTING & COATING MAINTENANCE | Fault Crossing Study [illegible] | Construction | 1/1/2016 | 2/1/2016 | 12/31/2016 | 12/31/2016 | Y | N | N | 782,600 | 782,600 | 782,580 | | N/A | | N/A | Local Trans-north-Mission-Contra Costa County |
| 785 | Expense | Base | N | 38638 | 42374741 | JT | GT Reliability & Gen | JT? | Fault Crossings | 5022401-GT CLASS LOCATION-PO | L-177A LITTLE SALMON CREEK FAULT XING | Close-Out | 4/1/2015 | 5/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 391,880 | 391,880 | 356,680 | | N/A | | N/A | Local Trans-north-[illegible]-Humboldt County |
| 786 | Expense | Base | N | 38716 | P.08722 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5010515-PIPELINE REPAIR ROW | L118B_MP 20_EMERGENCY PIPE REPAIR | Construction | 4/1/2015 | 4/1/2015 | 12/31/2015 | 12/31/2015 | Y | N | N | 680,968 | 680,968 | 680,868 | | N/A | | N/A | Local Trans-south-Fresno-Fresno County |
| 787 | Expense | Base | N | 38784 | 42377681 | JT | GT Reliability & Gen | JTY | JTG Safety Work | 5010517-OTHER GSM&TS EXPENSE SPECIFIC PROJECTS | HINKLEY SECURITY GUARDS | Construction | 4/28/2015 | 5/1/2015 | 12/31/2016 | 12/31/2016 | Y | N | N | 30,440 | 30,440 | 380,440 | | N/A | | N/A | Hinkley-Kern-Kern County |
| 788 | Expense | Base | N | 38865 | 42388804 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5242212-L-200A-3 RPLC 600FT | L-200A-3 REPLACE 600-FT | Construction | 6/3/2015 | 7/23/2015 | 6/12/2016 | 6/17/2016 | Y | N | N | 3,625 | 3,625 | 1,753,782 | | N/A | | N/A | Rio Vista-Sacramento-Solano County |
| 789 | Expense | Base | N | 38907 | 42390558 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5240220-L-210B MP 13.78-14.62 RPLC 4000FT | L-210B MP 13.78 - 14.62 RPLC 4000-FT | Construction | 6/16/2015 | 1/10/2016 | 3/11/2016 | 2/17/2016 | Y | N | N | 8,231 | 8,231 | 803,313 | | N/A | | N/A | Local Trans-north-Sacramento-Solano County |
| 790 | Expense | Base | N | 38909 | 42390556 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5242214-L-300A MP 183-450.40 RPLC 2700FT | L-300A MP [illegible] - 450.40 RPLC 2700-FT | Construction | 6/1/2015 | 5/2/2016 | 12/31/2016 | 12/31/2016 | Y | N | N | 2,614 | 2,614 | 7,382,653 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Multiple Counties |
| 791 | Expense | Base | N | 38969 | 42390557 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5242222-L-300A MP 450-502 RPLC .24 MILES | L-300A SEGMENT 347 [illegible] | Construction | 7/24/2015 | 6/10/2016 | 10/23/2016 | 6/29/2016 | N | N | N | 2,818 | 2,818 | 502,868 | | N/A | | N/A | Milpitas/Hollister-Central Coast-Multiple Counties |
| 792 | Expense | Base | N | 38970 | 42390558 | JT | GT Reliability & Gen | JTB | General Pipe Repair | 5242223-L-300B RPLC 285FT | L-300B REPLACE 285-FT | Construction | 6/1/2015 | 8/8/2016 | 12/15/2016 | 6/22/2016 | Y | N | N | 2,011 | 2,011 | 1,882,626 | | N/A | | N/A | Hinkley-Kern-San Bernardino County |

TABLE 3-4
PACIFIC GAS AND ELECTRIC COMPANY
CPUC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital Expense | PSEP/ Base | Project Listed in Previous CPUC Safety Reports (Y/N) | PSRS ID # | Order #/ Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project Name or Work Category | Description of work performed in reporting period | Engr Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operative (In Service) Date | Project start in reporting period (Y/N) (Order Start Date) | Project Underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Amount spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Report Year or Blank) | HCA (Y/N/ NA) | Capital Project Described in any Rate Case (Rate Case Year or Blank) | Government Regulatory Recommendation (Y/N/ N/A) | District/Division/County |
| 793 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTB | General Pipe Repair | [illegible]-L-3008 MP 450.325-450.4044 RPLC 2700FT | L-3008 REPL 3500-FT MP [illegible] - MP 451.13 | Construction | 6/1/2015 | [illegible] | 12/31/2018 | 12/31/2018 | Y | N | N | 2,604 | 2,604 | 7,302,780 | | N/A | | N/A | Mtn/Coast/Valley-Central Coast-San Benito County |
| 794 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTB | General Pipe Repair | [illegible]-L-3008 RSPLC 1600FT | L-3008 REPL 3500-FT MP 450.899 - MP 451 | Construction | 6/11/2015 | [illegible] | 1/29/2016 | [illegible] | Y | N | N | 2,387 | 2,387 | 802,208 | | N/A | | N/A | Mtn/Coast/Valley-Central Coast-San Benito County |
| 795 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-PROGRAM DEVELOPMENT – 2012 VEG MGMT | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 802,850 | 2,621,014 | 2,621,014 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 796 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - HUMBOLDT - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | N | Y | 4,801 | 890,208 | 890,208 | | N/A | | N/A | Systemwide-Systemwide-Trinity County |
| 797 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - FRESNO - VEGETATION MG | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | N | Y | 60,122 | 1,431,796 | 1,431,796 | | N/A | | N/A | Systemwide-Systemwide-Fresno County |
| 798 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - KERN - VEGETATION MGMT | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 300,195 | 869,600 | 869,600 | | N/A | | N/A | Systemwide-Systemwide-Kern County |
| 799 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - YOSEMITE - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 823,820 | 2,130,077 | 2,130,077 | | N/A | | N/A | Systemwide-Systemwide-Merced County |
| 800 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - STOCKTON - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 155,437 | 1,176,634 | 1,176,634 | | N/A | | N/A | Systemwide-Systemwide-San Joaquin County |
| 801 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - CENTRAL COAST - VEG. M | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 194,200 | 742,183 | 742,183 | | N/A | | N/A | Systemwide-Systemwide-Monterey County |
| 802 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - DE ANZA - VEGETATION M | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 21,660 | 810,797 | 810,797 | | N/A | | N/A | Systemwide-Systemwide-Santa Clara County |
| 803 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - DIABLO - VEGETATION MG | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 495,990 | 1,679,450 | 1,679,450 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 804 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - EAST BAY - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 7/28/2015 | 7/28/2015 | N | Y | N | 19,052 | 329,624 | 329,624 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 805 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - SAN JOSE - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 115,483 | 434,980 | 434,980 | | N/A | | N/A | Systemwide-Systemwide-Santa Clara County |
| 806 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - MISSION - VEGETATION M | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 6/28/2015 | 6/28/2015 | N | Y | N | 175,390 | 707,028 | 707,028 | | N/A | | N/A | Systemwide-Systemwide-Alameda County |
| 807 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - NORTH BAY - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 7/28/2015 | 7/28/2015 | N | Y | N | 7,719 | 651,529 | 651,529 | | N/A | | N/A | Systemwide-Systemwide-Napa County |
| 808 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - N. VALLEY - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 8/28/2015 | 8/28/2015 | N | Y | N | 1,425,840 | 3,059,736 | 3,059,736 | | N/A | | N/A | Systemwide-Systemwide-Butte County |
| 809 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - PENINSULA - VEGETATION | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 8/28/2015 | 8/28/2015 | N | Y | N | 291,917 | 686,372 | 686,372 | | N/A | | N/A | Systemwide-Systemwide-San Mateo County |
| 810 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LOCAL TRANS - SACRAMENTO - VEG. MGMT | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 8/28/2015 | 8/28/2015 | N | Y | N | 658,687 | 1,454,544 | 1,454,544 | | N/A | | N/A | Systemwide-Systemwide-Sacramento County |
| 811 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | PROJECT MANAGEMENT OFFICE - GENERAL | Engineering/Permitting | 2/1/2013 | 2/1/2013 | 8/28/2015 | 8/28/2015 | N | Y | N | 78,562 | 1,703,405 | 1,703,405 | | N/A | | N/A | Systemwide-Systemwide |
| 812 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | BURNEY LINES - 400 / LINE 401 VEG REM | Engineering/Permitting | 7/1/2013 | 7/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 655,237 | 1,624,601 | 1,624,601 | | N/A | | N/A | Systemwide-Systemwide-Shasta County |
| 813 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | MILPITAS HOLLISTER - L300s VEG REM | Engineering/Permitting | 4/1/2013 | 4/1/2013 | 3/28/2015 | 3/28/2015 | N | N | Y | 200 | 347,028 | 347,028 | | N/A | | N/A | Systemwide-Systemwide-Santa Clara County |
| 814 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | KETTLEMAN L300 S. VEG REM | Engineering/Permitting | 4/1/2013 | 4/1/2013 | 3/28/2015 | 3/28/2015 | N | N | Y | 5,076 | 328,147 | 328,147 | | N/A | | N/A | Systemwide-Systemwide-San Bernardino County |
| 815 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | L-300A AND B LINE REVIEW SURVEY | Engineering/Permitting | 6/1/2013 | 6/1/2013 | 12/28/2014 | 12/28/2014 | N | N | N | -17 | 481,718 | 481,718 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 816 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | CUSTOMER SETTLEMENTS CONSTRUCTION | Engineering/Permitting | 6/1/2013 | 6/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 675,700 | 1,703,680 | 1,703,680 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 817 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENVIRONMENTAL SERVICES CENTRAL VALLEY | Engineering/Permitting | 6/1/2013 | 6/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 147,625 | 822,883 | 822,883 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 818 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENVIRONMENTAL SERVICES CENTRAL COAST | Engineering/Permitting | 6/1/2013 | 6/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 132,072 | 360,087 | 360,087 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 819 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENVIRONMENTAL SERVICES BAY AREA | Engineering/Permitting | 12/1/2013 | 12/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 33,710 | 257,700 | 257,700 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 820 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENVIRONMENTAL SERVICES NORTHERN REGION | Engineering/Permitting | 9/1/2013 | 9/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 389,650 | 779,434 | 779,434 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 821 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | FIELD VERIFICATION AND INVENTORY OF PLCL | Engineering/Permitting | 9/1/2013 | 9/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 790,673 | 2,570,030 | 2,570,030 | | N/A | | N/A | Systemwide-Systemwide |
| 822 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | L-401 LINE REVIEW SURVEY | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 6/28/2015 | 6/28/2015 | N | N | Y | 2,027 | 388,842 | 388,842 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 823 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-PIPELINE CENTERLINE | TABLETOP ROW DELINEATION IN GIS | Engineering/Permitting | 11/1/2012 | 11/1/2012 | 7/28/2015 | 7/28/2015 | N | Y | N | -487 | 2,007,694 | 2,007,694 | | N/A | | N/A | Systemwide-Systemwide-San Francisco County |
| 824 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-PIPELINE CENTERLINE | PLCL LINE MARKING AND MINOR MAINTENANCE | Engineering/Permitting | 8/1/2013 | 8/1/2013 | 1/28/2015 | 1/28/2015 | N | N | Y | -46,419 | 8,075,174 | 8,075,174 | | N/A | | N/A | Systemwide-Systemwide-San Francisco County |
| 825 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | RIGHT OF WAY DIRECTOR POC COSTS | Engineering/Permitting | 3/1/2013 | 3/1/2013 | 7/28/2015 | 7/28/2015 | N | Y | N | 863,477 | 2,916,654 | 2,916,654 | | N/A | | N/A | Systemwide-Systemwide |
| 826 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | PIPELINE PATROL SUPPORT FOR P2,P3 P4-13 | Engineering/Permitting | 4/1/2013 | 4/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 685,236 | 2,029,859 | 2,029,859 | | N/A | | N/A | Systemwide-Systemwide |
| 827 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | PIPELINE CUSTOMER SUPPORT P2,P3 P4-13 | Engineering/Permitting | 8/1/2013 | 8/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 180,872 | 794,804 | 794,804 | | N/A | | N/A | Systemwide-Systemwide |
| 828 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | CORPORATE AFFAIRS-[illegible] | Engineering/Permitting | 8/1/2013 | 8/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 959,225 | 1,371,385 | 1,371,385 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 829 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GIS ENCROACHMENT LAYER LAND | Engineering/Permitting | 12/1/2013 | 12/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 363,001 | 1,021,529 | 1,021,529 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 830 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | LAND DEPT SUPPORT PIPELINE PATHWAYS | Engineering/Permitting | 11/1/2013 | 11/1/2013 | 6/28/2015 | 6/28/2015 | N | Y | N | 2,923,975 | 4,748,176 | 4,748,176 | | N/A | | N/A | Systemwide-Systemwide |
| 831 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENVIRONMENTAL-LAND PLANNER SUPPORT [illegible] | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 252,777 | 582,358 | 582,358 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 832 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | [illegible] PIPELINE PATHWAYS | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 1,029,578 | 2,010,003 | 2,010,003 | | N/A | | N/A | Systemwide-Systemwide |
| 833 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENCROACHMENT VALIDATION-2014 | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 320,028 | 2,611,980 | 2,611,980 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 834 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | ENCROACHMENT SURVEY | Engineering/Permitting | 4/1/2014 | 4/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 125,008 | 391,220 | 391,220 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 835 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - CENTRAL COAST - VEG | Engineering/Permitting | 2/1/2014 | 2/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 56,404 | 250,069 | 250,069 | | N/A | | N/A | Systemwide-Systemwide |
| 836 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - DIABLO - VEG | Engineering/Permitting | 2/1/2014 | 2/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 116,409 | 504,989 | 504,989 | | N/A | | N/A | Systemwide-Systemwide |
| 837 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - KERN - VEG | Engineering/Permitting | 2/1/2014 | 2/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 121,190 | 328,509 | 328,509 | | N/A | | N/A | Systemwide-Systemwide |
| 838 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - MISSION - VEG | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 280,043 | 400,427 | 400,427 | | N/A | | N/A | Systemwide-Systemwide |
| 839 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - N. VALLEY - VEG | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 347,283 | 580,084 | 580,084 | | N/A | | N/A | Systemwide-Systemwide |
| 840 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-LAND DEPT - YOSEMITE - VEG | Engineering/Permitting | 2/1/2014 | 2/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 82,485 | 364,750 | 364,750 | | N/A | | N/A | Systemwide-Systemwide |
| 841 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-CUSTOMER CARE - N. VALLEY - VEG | Engineering/Permitting | 6/1/2014 | 6/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 149,071 | 325,304 | 325,304 | | N/A | | N/A | Systemwide-Systemwide |
| 842 | Expense | Base | N | [illegible] | [illegible] | JT | GT Reliability & Gen | JTP | Right-of-Way | [illegible]-GT CLASS LOCATION-YD | GC-CUSTOMER CARE - YOSEMITE - VEG | Engineering/Permitting | 3/1/2014 | 3/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 139,626 | 284,081 | 284,081 | | N/A | | N/A | Systemwide-Systemwide |
| 843 | Expense | PSEP | N | [illegible] | [illegible] | KE | GT PL Safety Enhance | KEX | PSEP Pipeline Other | [illegible]-PSEP DATA VALIDATION & ANALYSIS | GT PL SAFETY ENHANCE PLAN [illegible] SUPPORT | Engineering/Permitting | 3/1/2013 | 3/1/2013 | 7/28/2015 | 7/28/2015 | N | Y | N | 207,037 | 1,330,706 | 1,330,706 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 844 | Expense | Base | N | [illegible] | [illegible] | KE | GT PL Safety Enhance | - | - | [illegible]-PSEP DATA VALIDATION & ANALYSIS | PUBLIC SAFETY BOARDS-COMMUNITY RELATIONS | Engineering/Permitting | 3/1/2013 | 3/1/2013 | 5/28/2015 | 5/28/2015 | N | N | Y | 40,008 | 612,927 | 612,927 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 845 | Expense | PSEP | N | [illegible] | [illegible] | KE | GT PL Safety Enhance | [illegible] | PSEP [illegible] | [illegible]-MARKER EXPENSE | CAPITAL_PLAN/ANALYZE GATE 2 | Engineering/Permitting | 12/1/2013 | 12/1/2013 | 2/28/2015 | 2/28/2015 | N | N | Y | -1,578 | 435,813 | 435,813 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |
| 846 | Expense | PSEP | N | [illegible] | [illegible] | KE | GT PL Safety Enhance | [illegible] | PSEP [illegible] | [illegible]-MARKER EXPENSE | AM BACKBONE & STATIONS | Engineering/Permitting | 12/1/2014 | 12/1/2014 | 6/28/2015 | 6/28/2015 | N | Y | N | 304,187 | 368,694 | 368,694 | | N/A | | N/A | Systemwide-Systemwide-Multiple Counties |

TABLE 3-1
PACIFIC GAS AND ELECTRIC COMPANY
GRC SAFETY REPORT
GT CAPITAL AND EXPENSE (CONTINUED)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Line # | Capital Expense | PSEP Base | Project Listed in Previous GRC Safety Reports (Y/N) | PSEP ID # | Order # / Planning Order # | MWC | MWC Description | MAT | MAT Description | Planning Order Group | Project name or status Category | Description of work performed in reporting period | Order Start Date for work started or underway in the reporting period | Actual/Forecast Start Date | Construction Complete Date | Operation In Service Date | Project start in reporting period (Y/N) (Order Start Date) | Project underway in Reporting Period (Y/N) | Project completed in reporting period (Y/N) | Net Actuals spent in the Reporting Period | Net Total amount spent since project inception to End of Reporting Period | Net Total Forecast | Top 100 Report (Based Year or Blank) | HCA (Y/N) | Capital Project Description in any Rate Case stack reports (Date Year or Blank) | Government Requirement Recommendation (Y/N) | Counties/Divisions/County |
| 840 | Expense | PSEP | N | 107189 | 8154351 | 42 | GT PL Safety Enhance | 425 | PSEP alpines | 52360G-MAINLINER EXPENSE | ALIGNMENT CERTIFICATION | Engineering/Permitting | 4/1/2014 | 4/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | -42,820 | 2,454,468 | 2,454,468 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 843 | Expense | PSEP | N | 103840 | 8155812 | 42 | GT PL Safety Enhance | 425 | PSEP alpines | 52360G-MAINLINER EXPENSE | PROJECT PORTFOLIO MANAGEMENT | Engineering/Permitting | 6/1/2014 | 6/1/2014 | 7/28/2015 | 7/28/2015 | N | Y | N | 191,013 | 234,594 | 234,594 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 845 | Expense | PSEP | N | 103917 | 8161508 | 42 | GT PL Safety Enhance | 425 | PSEP alpines | 52360G-MAINLINER EXPENSE | AMLTD O&M | Engineering/Permitting | 1/1/2015 | 1/1/2015 | 9/29/2015 | 9/29/2015 | Y | N | N | 274,625 | 274,625 | 274,625 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |
| 850 | Expense | Base | N | 104333 | 8172669 | 42 | GT AD Inst Regulatory | 424 | Recurring and MAOP Val | 52323G-DATA & MAOP VALIDATION | WEBS MOUNTAIN CREEK/PS STORAGE | Engineering/Permitting | 1/1/2014 | 1/1/2014 | 6/29/2015 | 6/29/2015 | N | Y | N | 1,314 | 941,150 | 941,150 | | N/A | | N/A | Systemwide-Systemwide-San Francisco County |
| 851 | Expense | Base | N | 104333 | 8172670 | 42 | GT AD Inst Regulatory | 425 | Subpart MAOP | 52324GH-DATA/ETION STAN REVIEWS | DO NOT USE - FINANCE ONLY - JE ORDER | Engineering/Permitting | 3/1/2015 | 3/1/2015 | 4/22/2015 | 4/22/2015 | Y | N | Y | 320,137 | 308,137 | 308,137 | | N/A | | N/A | Systemwide-Systemwide-Contra Costa County |

Tables 3-2 and 3-3 detail costs aggregated by MWC for those projects or work activities amounting to $250,000 or less. The column titled "Total Costs Since Inception"[6] displays the total accumulated costs for all projects or work activities totaling $250,000 or less since the order start date.

**TABLE 3-2**
**TOTAL CAPITAL PROJECT COSTS LESS THAN $250,000**
**STARTED OR UNDERWAY**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**IN 2015 DOLLARS)**

| MWC | Description | | Actual 1/1 - 6/30 | | Total Costs Since Inception |
|---|---|---|---|---|---|
| 2H | GT PL Safety Enhance Plan-Cap | $ | 3,659,488 | $ | 5,174,721 |
| 2J | GT&D Impl Regulatory Change | | 5,284 | | 137,436 |
| 3K | Gas Trans Remediate Corrosion | | 4,490,833 | | 7,714,367 |
| 3L | Gas Trans Storage Wells | | 109,271 | | 242,779 |
| 44 | Gas Capital:GasTrans-Sub | | 63,602 | | 740,023 |
| 73 | GT Pipeline Capacity | | 592,780 | | 638,202 |
| 75 | GT Pipeline Reliability | | 5,365,200 | | 17,795,428 |
| 76 | GT Station Reliability | | 2,144,817 | | 3,711,913 |
| 84 | GT Gas Gathering System Manage | | 14,028 | | 279,744 |
| 98 | GT Integrity Management | | 808,440 | | 1,874,399 |
| | **Total** | **$** | **17,253,742** | **$** | **38,309,012** |

6 Inception Date relates to the commencement of spend against a project (order charge) or the first month of incurred costs against an order.

**TABLE 3-3**
**TOTAL EXPENSE PROJECT COSTS LESS THAN $250,000**
**STARTED OR UNDERWAY**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**(IN 2015 DOLLARS)**

| MWC | Description | Actual 1/1 - 6/30 | Total Costs Since Inception |
|---|---|---|---|
| CM | GT Operate System | $ 7,954,590 | $ 7,954,590 |
| DF | G&E T&D Locate and Mark | 3,681,916 | 3,681,916 |
| GF | Gas Trans & Dist Sys Mapping | (209,738) | (209,738) |
| GJ | Gas Transmission Mitigate Corr | 3,981,244 | 4,198,459 |
| GM | Manage Energy Efficiency-NonBA | 1,326,276 | 1,714,511 |
| HP/II | CGT Balancing Accounts | 13,240,255 | 18,610,030 |
| JO | GT Pipeline Maintenance | 14,216,880 | 20,236,693 |
| JP | GT Station Maintenance | 12,890,804 | 13,394,525 |
| JT | GT Reliability & General Maint | 6,128,019 | 26,161,548 |
| KE | GT PL Safety Enhance Plan-Exp | 291,528 | 1,303,463 |
| KF | GT&D Impl Regulatory Change | (23,809) | 447,518 |
| 34 | Maint Gas Trans-Subsid | 325,129 | 662,841 |
| | **Total** | **$ 63,803,094** | **$ 98,156,356** |

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

*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 shows the data requested in Question 4. A brief description of the columns and the data they contain was included in the previous section.

In this report, Table 3-1 includes projects forecasted to spend over $250,000, but may have zero spend in any or all of the financial columns.

There are many reasons why a previously planned project may show no spending in the planned reporting period. These reasons include:

a. Changes in Project Scope – Projects in the early planning stage may have similar scopes of work to other projects. When these instances are identified, one project may be combined with another, leaving one project to be cancelled.

b. Placeholder Projects – Some planned projects may be general in nature and serve as placeholders for specific projects, the exact details of which have not yet been determined. As specific project details are validated, the placeholder project may be cancelled to reflect the specific project.

c. Changes in Project Schedule – A project's schedule may also change due to critical system operational needs, outage coordination issues, weather, environmental requirements, permitting delays, land acquisition complexities, or resource scheduling conflicts.

d. Problem Resolution – A project may be cancelled or its funding reduced when there is a change in operational need, or modification of other equipment resolves the initial objective.

Projects that were not identified in GT&S Safety Report No. 2014-02 are shown at the bottom of the capital and expense sections of Table 3-1 as indicated in Column D. The remaining projects that started in the January 1 to June 30, 2015 reporting period (but were not identified in GT&S Safety Report No. 2014-02) are discussed below.

Capital Projects Started in the Reporting Period But Not Previously Identified

110 new capital projects, with order start dates in the January 1 to June 30, 2015 reporting period, have been added since PG&E submitted GT&S Safety Report No. 2014-02. These projects fall into eight general categories:

1) Pipeline Replacements
2) Pipeline Reliability Projects
3) Station Reliability Projects
4) Capacity Projects
5) Integrity Management
6) Emergency and Unforeseen
7) Re-Scoped Projects
8) Planning/Forecasting Updates

Some of this work was newly identified during the year and added to the forecast spend plan for 2015. Some of this work was planned to proceed in 2015, but did not have a specific Job ID or order number assigned until the first half of 2015.

Expense Projects Started in the Reporting Period But Not Previously Identified

59 new expense projects with order start dates in the January 1 to June 30, 2015 reporting period were not previously identified in GT&S Safety Report No. 2014-02. These projects fall into three general categories:

1) Integrity Management
2) Reliability and General O&M

3) Emergency and Unforeseen

Some of this work was newly identified during the year and added to the forecast spend plan for 2015. Some of this work was planned to proceed in 2015, but did not have a specific Job ID or order number assigned until the first half of 2015. Some 2015 expense project spend scheduled for January 1 to June 30, 2015 may have been moved to a later period as a result of third party delays, scheduling conflicts, or permit issues.

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 3-2 and 3-3 detail costs aggregated by MWC for those projects or work activities amounting to $250,000 or less. The column titled "Total Costs Since Inception"[7] displays the total accumulated costs since the order start date for all those projects or work activities amounting to $250,000 or less.

---

7 Inception Date relates to the commencement of spend against a project (order charge) or the first month of incurred costs against an order.

## 5. Explanation of Any Variances for Budgeted Capital and Expense

*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 and projects have not yet spent their annual budget amount since this reporting period covers only the first two quarters of 2015. However, the expectation is that all programs and projects will spend their annual budget at year-end.

**TABLE 5-1**
**SUMMARY OF O&M ACTIVITIES SPEND**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**(IN THOUSANDS OF 2015 DOLLARS)**

| MWC | MWC Description | Annual Budget As of 1/1 | Annual Budget As of 6/30 | Actual Spend 1/1 - 6/30 |
|---|---|---|---|---|
| JO | GT Pipeline Maintenance | 37,621 | 37,621 | 15,531 |
| JP | GT Station Maintenance | 24,691 | 24,691 | 12,891 |
| JT | GT Reliability & General Maint | 247,393 | 247,393 | 73,450 |
| CM | GT Operate System | 21,132 | 19,632 | 8,640 |
| KE | GT PL Safety Enhance Plan-Exp | 21,598 | 10,000 | 9,178 |
| KF | GT&D Impl Regulatory Change | - | - | 9 |
| DF | G&E T&D Locate & Mark | 7,833 | 7,833 | 3,682 |
| GJ | Gas Transmission Mitigate Corr | 53,815 | 35,903 | 6,158 |
| II / HP | GT Integrity Management | 183,840 | 183,840 | 69,215 |
| **Gas Transmission Expense** | | **597,922** | **566,912** | **198,754** |
| **StanPac** | | | | |
| 34 | Maintain Gas Trans-Subsidiary | 2,672 | 2,672 | 1,416 |
| **Gas Transmission Expense- Including StanPac** | | **600,594** | **569,584** | **200,170** |

**TABLE 5-2**
**SUMMARY OF CAPITAL PROJECT SPEND**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**(IN THOUSANDS OF 2015 DOLLARS)**

| MWC | MWC Description | Annual Budget As of 1/1 | Annual Budget As of 6/30 | Actual Spend 1/1 - 6/30 |
|---|---|---|---|---|
| 73 | GT Pipeline Capacity | 31,425 | 33,415 | 6,150 |
| 75 | GT Pipeline Reliability | 203,039 | 236,131 | 79,788 |
| 76 | GT Station Reliability | 76,884 | 79,366 | 33,403 |
| 84 | GT Gas Gathering System Manage | 258 | 643 | 392 |
| 98 | GT Integrity Management | 86,398 | 88,826 | 32,948 |
| 2H | GT PL Safety Enhance Plan- Cap | 96,500 | 96,500 | 74,144 |
| 3K | Gas Trans Remediate Corrosion | 44,382 | 44,382 | 19,451 |
| 3L | Gas Trans Storage Wells | 2,525 | 2,820 | 2,315 |
| 2J | GT&D Impl Regulatory Change | 0 | 0 | 78 |
| **Gas Transmission Capital** | | **541,411** | **582,083** | **248,669** |
| **Gas Transmission Adder Projects** | | | | |
| 73 | GT Pipeline Capacity | 10,052 | 10,052 | 1,991 |
| **StanPac** | | | | |
| 44 | Gas Capital:GasTrans-Subsidiary | 5,328 | 5,328 | 450 |
| **Gas Transmission Capital- Including Adder Projects and StanPac** | | **556,791** | **597,463** | **251,109** |

## Risk and Integrity Management

### 6. Current Status of Legacy Top 100

*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**

Attached is the current "Legacy Top 100 Risk Report," Table 6-1 which contains the 2009 segment ranking, segment number, beginning and ending mile point, footage, threat factor, planned action, and current status.[8] This report presents a current look at segments rated in 2009 as having the highest risk to PG&E's transmission pipeline integrity. It is not a list of segments PG&E currently believes presents the highest risk, nor does it reflect the current risk assessment of the pipeline segments listed.

As part of its commitment to continuous improvement, PG&E is re-evaluating the segments to: (1) confirm the current status of the engineering reviews and projects initiated as a result of the 2009 report; and (2) evaluate the disposition of each segment. This analysis was initiated in 2013 and Table 6-1 shows the current status of each segment.

As stated in PG&E's Safety Report No. 2011-01, dated September 30, 2011, PG&E has moved away from using a "Top 100" listing of the pipe segments as a tool for identifying, assessing, managing and mitigating risk associated with its natural GT pipelines.[9] Following the conclusion of the review described above, PG&E plans to provide a final report. This report will show the status of each

---

8 This Table uses the segments as reported in 2009, which is the last year in which PG&E used the "Top 100" listing as a way to manage risk on these segments. A key explaining the application of threat factors and determination of the current status is included just prior to the Table 6-1 at the end of this section.

9 PG&E has transitioned to using an overall asset and risk management approach to identify, assess, and mitigate the risks associated with its natural gas systems and uses an Integrated Planning process to prioritize that work. These asset and risk management processes are described in more detail in PG&E's 2015 GT&S Application (A.13-12-012) and Prepared Testimony (Chapters 2 and 3).

segment based on traceable, verifiable, and complete records, and will verify the status as mitigated, requiring no further action, or mapping to ongoing integrity management programs.

**Key of Threat Assessment Factors**

The Legacy Top 100 process identified pipeline segments for further study and long-range planning based upon risks associated with one of five threat categories:

1) **Potential for Third-Party Damage (Mechanical Damage):** Factors include whether or not the pipeline segment has a history of mechanical damage, including third-party strikes, 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.
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.
3) **Potential for Ground Movement:** Factors include the proximity to seismically active areas, and the potential for soil erosion around the pipeline.
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.
5) **Overall:** Did not score high in any one factor of the above factors, but scored moderately high in more than one factor.

**Key to Current Status**

- **Monitoring** – PG&E engineers are monitoring and reviewing these pipeline segments to see if they need to be addressed through a project.
- **Initiated** – PG&E engineers have determined that the pipeline 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.
- **Deactivated** – The pipeline segment is no longer in operation.

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 71 | 103 | 117.1 | 11.00 | 11.42 | Potential for Ground Movement | This segment is being considered for replacement within the Vintage Pipe Replacement program as proposed within the 2015-2017 GT&S rate case. PG&E will continue to monitor this segment until it is replaced. | Monitoring |
| 72 | 103 | 117.5 | 11.42 | 11.65 | Potential for Ground Movement | This segment is being considered for replacement within the Vintage Pipe Replacement program as proposed within the 2015-2017 GT&S rate case. PG&E will continue to monitor this segment until it is replaced. | Monitoring |
| 74 | 107 | 127.1 | 14.00 | 14.82 | Physical Design and Characteristics | Evaluating alternatives for potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle. This section of L107 is located across open hills from south Livermore to Arroyo del Valle. | Engineering |
| 89, 90 | 107 | 127.5 | 14.82 | 15.12 | Physical Design and Characteristics | Evaluating alternatives for potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle. This section of L107 is located across open hills from south Livermore to Arroyo del Valle. | Engineering |
| 89, 90 | 107 | 127.57 | 15.13 | 15.36 | Physical Design and Characteristics | Evaluating alternatives for potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle. This section of L107 is located across open hills from south Livermore to Arroyo del Valle. | Engineering |
| 91 | 107 | 127.6 | 15.36 | 15.36 | Physical Design and Characteristics | Evaluating alternatives for potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle. This section of L107 is located across open hills from south Livermore to Arroyo del Valle. | Engineering |
| 79, 80 | 107 | 127.7 | 15.36 | 15.70 | Physical Design and Characteristics | Evaluating alternatives for potential replacement of 13,835 feet of pipe between Livermore and Arroyo del Valle. This section of L107 is located across open hills from south Livermore to Arroyo del Valle. | Engineering |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 79, 80 | 107 | 129 | 15.89 | 16.40 | Physical Design and Characteristics | PG&E is planning to retire 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Vallecitos 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. | Engineering |
| 82 | 107 | 131.5 | 17.11 | 18.00 | Physical Design and Characteristics | PG&E is planning to retire 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Vallecitos 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. | Engineering |
| 73 | 107 | 132.2 | 18.00 | 18.67 | Physical Design and Characteristics | PG&E is planning to retire 14,730 feet of pipe between Arroyo del Valle and Foleys Crossover, south of Livermore from Arroyo del Valle to the Vallecitos 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. | Engineering |
| 77 | 107 | 139 | 21.07 | 22.29 | Potential for Ground Movement | PG&E is planning to retire 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. | Engineering |
| 43, 44 | 108 | 124.6 | 12.70 | 12.72 | Physical Design and Characteristics | Replaced 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 | Physical Design and Characteristics | Replaced 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 | Physical Design and Characteristics | PG&E's Pipeline Safety Enhancement Plan has replaced this segment of L108. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 2, 3, 4 | 108 | 146.6 | 39.21 | 39.23 | Physical Design and Characteristics | PG&E's Pipeline Safety Enhancement Plan has replaced this segment of L108. | Complete |
| 2, 3, 4 | 108 | 147 | 39.23 | 39.47 | Physical Design and Characteristics | PG&E's Pipeline Safety Enhancement Plan has replaced this segment of L108. | Complete |
| 15 | 108 | 179.5 | 62.57 | 63.29 | Physical Design and Characteristics | Replaced 8,900 feet of pipe through the industrial area from Laguna Blvd to Dwight Road in Elk Grove due to the design materials used. Pipeline segment was completed in 2011. | Complete |
| 56 | 109 | 137 | 15.00 | 15.38 | 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. Additionally, this segment of pipeline was replaced in 2012 as part of PSEP. Engineering will continue monitoring the segment, but no further action is contemplated at this time. | Complete |
| 60, 61, 62 | 109 | 137.19 | 15.38 | 15.65 | 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. Additionally, this segment of pipeline was replaced in 2012 as part of PSEP. Engineering will continue monitoring the segment, but no further action is contemplated at this time. | Complete |
| 60, 61, 62 | 109 | 137.32 | 15.65 | 16.01 | 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. Additionally, this segment of pipeline was replaced in 2012 as part of PSEP. Engineering will continue monitoring the segment, but no further action is contemplated at this time. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 60, 61, 62 | 109 | 137.8 | 16.19 | 16.33 | 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. Additionally, this segment of pipeline was replaced in 2012 as part of PSEP. Engineering will continue monitoring the segment, but no further action is contemplated at this time. | Complete |
| 84, 85 | 114 | 106 | 3.18 | 3.80 | Potential for Ground Movement | PG&E has conducted an engineering review of the potential ground movement along this segment, crossing the Sacramento River and adjacent levees from Sherman Island north. PG&E is monitoring the segment and will determine if further actions are needed. | Monitoring |
| 87, 88 | 114 | 120 | 7.32 | 7.69 | 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, the pipeline segment has been removed from service. | Deactivated |
| 69 | 114 | 153.2 | 28.00 | 28.87 | 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 due to potential for ground movement. | Engineering |
| 87, 88 | 114-1 | 103 | 7.33 | 7.73 | Physical Design and Characteristics | PG&E has evaluated the potential of rerouting gas to allow the removal of 7,500 feet of three pipeline segments (L114-1, segment 103; L-114, segment 120 and SP4Z, segment 112) crossing the San Joaquin River, underwater, near the Antioch Bridge due to the potential for ground movement. Based upon this evaluation, the pipeline segment has been removed from service. | Deactivated |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 84, 85 | 114-2 | 101 | 3.18 | 3.80 | Physical Design and Characteristics | PG&E has conducted an engineering review of the potential for ground movement along this segment which crosses the Sacramento River and is adjacent levees from Sherman Island north. PG&E is monitoring the segment and will determine if further actions are needed. | Monitoring |
| 76 | 118A | 166.13 | 30.38 | 30.40 | 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 | 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 | Physical Design and Characteristics | PG&E has completed an engineering review of the design materials of 1,437 feet of pipe near Lampasas Ave and Grove Ave in Sacramento. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 13 | 1202-16 | 103 | 1.03 | 1.05 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 23, 24, 25 | 1202-16 | 101 | 0.08 | 0.19 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 23, 24, 25 | 1202-16 | 101.1 | 0.19 | 0.27 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 19 | 1202-16 | 100 | 0.00 | 0.08 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 23, 24, 25 | 1202-16 | 102 | 0.49 | 1.03 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 21 | 1202-16 | 115 | 1.67 | 2.42 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 27 | 1202-16 | 101.2 | 0.27 | 0.49 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 33 | 1202-16 | 103.3 | 1.11 | 1.20 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 35 | 1202-16 | 103.1 | 1.05 | 1.11 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 97 | 1202-16 | 117 | 2.58 | 2.59 | Potential for Corrosion | PG&E has identified spot locations from MP 1.42 to MP 4.6 which require additional cathodic protection capacity. Based on this finding, PG&E has initiated a project to replace the rectifier and anode bed at MP 4.62. | Construction |
| 34 | 130 | 101 | 0.00 | 0.50 | Potential for Ground Movement | PG&E is planning to replace the pipeline segment in 2015 with horizontal directional drilling and removal of existing pipeline segment in 2016. This project is being done in response to a river dredging project by the Port of Sacramento and is on hold until the dredging project is complete. | Engineering |
| 75 | 131 | 115 | 7.39 | 7.75 | Potential for Ground Movement | L131 San Joaquin River crossing pipeline was surveyed under water and several segments were found exposed. Based on this finding, engineering will review and determine the appropriate repair or replacement warranted. | Monitoring |
| 70 | 131 | 151 | 37.89 | 38.49 | Potential for Ground Movement | Evaluated 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 | Potential for Ground Movement | Replaced 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. | Complete |
| 31 | 131 | 165 | 46.96 | 48.23 | Potential for Ground Movement | Deactivation and retirement of L131 in this area is currently in progress. | Construction |
| 12 | 131 | 167.9 | 48.94 | 49.36 | Potential for Ground Movement | Deactivation and retirement of L131 in this area is currently in progress. | Construction |
| 22 | 131 | 169 | 49.38 | 50.46 | Potential for Ground Movement | Deactivation and retirement of L131 in this area is currently in progress. | Construction |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 26 | 132 | 106.7 | 1.35 | 1.87 | Potential for Ground Movement | Replaced pipe at several locations and installed other facilities in order to internally inspect L132 through the urban areas between Milpitas and Crystal Springs reservoir. All mileage on L132 MP between 1.26 to 1.87 was replaced. | Complete |
| 49 | 138 | 116 | 22.70 | 23.40 | Potential for Corrosion | PG&E has identified spot locations from MP 14.78 to MP 48.78 which require additional cathodic protection capacity. Construction and pipeline survey scheduled to be complete by 6/30/2015. | Construction |
| 16 | 138 | 130 | 38.42 | 38.58 | Potential for Corrosion | External Corrosion Direct Assessment was performed on this segment in 2010. | Complete |
| 20 | 138 | 130.11 | 38.59 | 38.59 | Potential for Corrosion | External Corrosion Direct Assessment was performed on this segment in 2010. | Complete |
| 18 | 138 | 145 | 48.29 | 48.64 | Potential for Corrosion | External Corrosion Direct Assessment was performed on this segment in 2010. | Complete |
| 28 | 142S | 114 | 7.30 | 8.70 | Potential for Corrosion | This segment was part of a 2011 In-Line Inspection assessment which is capable of detecting corrosion anomalies. | Complete |
| 46 | 147 | 110.6 | 3.26 | 3.28 | Physical Design and Characteristics | PG&E has conducted 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 determined that no repair or replacement action is warranted. | Complete |
| 47 | 1509-04 | 106 | 0.78 | 0.88 | Potential for Third-Party Damage | PG&E has conducted 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. Two third-party dig-ins occurred nearby. However, development around the pipeline has since been completed; the pipeline is now under a roadway and a landscape easement. Therefore, the risk of third-party damage has been reduced. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 36, 37 | 1509-05 | 120.1 | 6.23 | 6.28 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 1,371 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. Two third-party dig-ins occurred nearby. However, development around the pipeline has since been completed; the pipeline is now under a roadway and a landscape easement. Therefore, the risk of third-party damage has been reduced. | Complete |
| 48 | 1509-05 | 120.2 | 6.28 | 6.29 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 1,371 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. Two third-party dig-ins occurred nearby. However, development around the pipeline has since been completed; the pipeline is now under a roadway and a landscape easement. Therefore, the risk of third-party damage has been reduced. | Complete |
| 36, 37 | 1509-05 | 120.3 | 6.29 | 6.33 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 1,371 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. Two third-party dig-ins occurred nearby. However, development around the pipeline has since been completed; the pipeline is now under a roadway and a landscape easement. Therefore, the risk of third-party damage has been reduced. | Complete |
| 40 | 1509-05 | 121 | 6.33 | 6.49 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 1,371 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. Two third-party dig-ins occurred nearby. However, development around the pipeline has since been completed; the pipeline is now under a roadway and a landscape easement. Therefore, the risk of third-party damage has been reduced. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 38 | 173 | 102.1 | 1.01 | 1.11 | 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 third-party 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 | 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 third-party 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 | Overall | PG&E has reviewed 437 feet of pipe through the suburban area near Hwy 68 and Aguajito Rd near Monterey. Based on this review, PG&E has determined no further action is warranted. | Complete |
| 39 | 187 | 160 | 61.75 | 62.00 | Potential for Third-Party Damage | PG&E has completed an engineering review of 1,320 feet of pipe through the rural area near Hwy 101 across from Hartnell Rd near Salinas for potential third-party damage. Based on this review, PG&E has performed notifications and installed additional line markers. No further action is warranted. | Complete |
| 57, 58 | 195A3-1 | 100 | 0.00 | 0.00 | Potential for Third-Party Damage | In 2014, PG&E isolated this segment to mitigate the risk of damage by third-parties. No further action is warranted. | Complete |
| 57, 58 | 195A3-1 | 102 | 0.00 | 0.04 | Potential for Third-Party Damage | In 2014, PG&E isolated this segment to mitigate the risk of damage by third-parties. No further action is warranted. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 42 | 195A3-1 | 102.1 | 0.04 | 0.17 | Potential for Third-Party Damage | In 2010 PG&E isolated this segment (i.e., capped the pipe at both ends to prevent gas supply from reaching this segment) to mitigate the risk of damage by third-parties. No further action is warranted. | Complete |
| 1 | 210A | 117.5 | 18.73 | 18.86 | Overall | Installed facilities to internally inspect L210A between Creed Station and Cordelia Station. | Complete |
| 10 | 210A | 118.1 | 18.97 | 19.47 | Overall | Installed facilities to internally inspect L210A between Creed Station and Cordelia Station. | Complete |
| 65 | 215 | 104 | 3.00 | 3.43 | 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 L215 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 | 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 L215 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 | 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 L215 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**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 30 | 300A | 240.3 | 277.85 | 278.01 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 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 | Potential for Third-Party Damage | PG&E has conducted an engineering review of 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 | Physical Design and Characteristics | PG&E has completed an engineering review of the design materials of 843 feet of pipe through the rural area. Based on this review, PG&E determined that no repair, replacement or other action was warranted. | Complete |
| 67, 68 | 300B | 194 | 161.43 | 161.48 | Physical Design and Characteristics | PG&E has completed an engineering review of the design materials of 843 feet of pipe through the rural area. Based on this review, PG&E determined that no repair, replacement or other action was warranted. | Complete |
| 78 | 316A | 116 | 1.23 | 2.05 | Potential for Corrosion | An engineering review of 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 | Potential for Corrosion | An engineering review of 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 |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 81 | 316A | 115 | 1.19 | 1.23 | Potential for Corrosion | An engineering review of 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 | Potential for Corrosion | An engineering review of 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 |
| 92 | 316A | 111 | 0.61 | 0.78 | Potential for Corrosion | An engineering review of 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 | Potential for Corrosion | An engineering review of 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 | Potential for Ground Movement | PG&E has conducted an engineering review of 28 feet of pipe through the rural area near Fernbridge Dr and Depot St near Ferndale. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 11 | DFDS3543 | 100 | 10.91 | 10.91 | Overall | PG&E has completed an engineering review of 3 feet of pipe near Redwood Blvd and Atherton Ave in Novato. Based the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 7 | DRIP7966 | 100 | 0.00 | 0.00 | Potential for Ground Movement | PG&E has completed an engineering review of the potential for ground movement along 10 feet of pipe near Milpitas-Alviso Rd and Ranch Dr in Milpitas. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 17 | DRIP7971 | 651 | 0.00 | 0.00 | Potential for Ground Movement | PG&E has completed an engineering review of the potential for ground movement along 10 feet of pipe near Milpitas-Alviso Rd and Ranch Dr in Milpitas. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 14 | 0401-01 | 104.8 | 2.48 | 2.76 | Overall | PG&E has completed an engineering review of 1,887 feet of pipe through the suburban area along Lindaro St near Albert Park Ln in San Rafael. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 41 | SP3 | 160.3 | 198.49 | 198.49 | Potential for Ground Movement | PG&E has proposed to replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Project is currently in the scoping phase. | Initiated |
| 50, 51, 52, 53 | SP3 | 160.36 | 198.49 | 198.49 | Potential for Ground Movement | PG&E has proposed to replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Project is currently in the scoping phase. | Initiated |
| 50, 51, 52, 53 | SP3 | 160.4 | 198.49 | 198.49 | Potential for Ground Movement | PG&E has proposed to replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Project is currently in the scoping phase. | Initiated |
| 50, 51, 52, 53 | SP3 | 160.5 | 198.49 | 198.52 | Potential for Ground Movement | PG&E has proposed to replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Project is currently in the scoping phase. | Initiated |
| 50, 51, 52, 53 | SP3 | 160.6 | 198.52 | 198.55 | Potential for Ground Movement | PG&E has proposed to replace approximately 300 feet of pipe at Rumrill Blvd in San Pablo due to the potential for ground movement. Project is currently in the scoping phase. | Initiated |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 83 | SP4Z | 112 | 7.45 | 7.82 | Physical Design and Characteristics | PG&E has evaluated the potential of rerouting gas to allow the removal of 7,500 feet of three pipeline segments (L114-1, segment 103; L-114, segment 120 and SP4Z, segment 112) crossing the San Joaquin River, underwater, near the Antioch Bridge due to the potential for ground movement. Based upon this evaluation, the pipeline segment has been removed from service. | Deactivated |
| 8, 9 | X6337 | 100 | 10.84 | 10.84 | Physical Design and Characteristics | PG&E has completed an engineering review of two 30-foot segments of pipe near Redwood Blvd and Atherton Ave in Novato. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 8, 9 | X6337 | 101 | 10.84 | 10.84 | Physical Design and Characteristics | PG&E has completed an engineering review of two 30-foot segments of pipe near Redwood Blvd and Atherton Ave in Novato. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 66 | X6526 | 505 | 0.24 | 0.24 | Physical Design and Characteristics | PG&E has conducted an engineering review of the design materials of about 9 feet of pipe south of Kettleman City. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 99 | 0401-01 | 104 | 2.40 | 2.48 | Overall | PG&E has completed an engineering review of 1,887 feet of pipe through the suburban area along Lindaro St near Albert Park Ln in San Rafael. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 45 | 0407-01 | 104.8 | 1.83 | 1.88 | Physical Design and Characteristics | PG&E replaced 247 feet of pipe near Foster Rd and Saint Francis Cir in Napa in 2009. | Complete |

**TABLE 6-1**
**REPORTING PERIOD JANUARY 1 – JUNE 30, 2015**
**LEGACY TOP 100 RISK REPORT**
**(CONTINUED)**

| RANK | ROUTE | SEGMENT_NO | MP1 | MP2 | FACTOR | ACTION | STATUS |
|---|---|---|---|---|---|---|---|
| 96 | 7221-15 | 101 | 0.04 | 1.31 | Physical Design and Characteristics | PG&E has completed an engineering review of 6,709 feet of pipe along Dale Rd between Standiford Ave and Bangs Ave. Based on this review, PG&E determined that no repair, replacement or other action was warranted. | Complete |
| 98 | DREG3875 | 101 | 0.00 | 0.00 | Potential for Ground Movement | PG&E has completed an engineering review of 285 feet of pipe near Redwood Blvd and Atherton Ave in Novato. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |
| 100 | STUB7912 | 551 | 0.04 | 0.04 | Overall | PG&E has completed an engineering review of 2 feet of pipe near Dale Rd and Bangs Ave in Modesto. Based on this review, PG&E determined that no repair, replacement or other action was warranted, however, as part of work completed by PSEP, this segment was deactivated in 2012. | Deactivated |
| 95 | DREG4197 | 801 | 0.00 | 0.00 | Physical Design and Characteristics | PG&E has completed an engineering review of 18 feet of pipe near Dumbarton Ave. and Donahoe St. in East Palo Alto. Based upon the results of this review, PG&E has determined that no repair, replacement or other action is warranted. | Complete |

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

*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 defines "inspection plan activities" as routinely scheduled field inspections where data collection is a primary part of the 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 completed and entered 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 towards performing the inspections is shown under the "Total Units Planned" and "Units Complete" columns.[10] A summary of the results of each inspection method is included in Table 7-1.

PG&E's pipeline patrol program has designated aerial patrol, which includes field responses to aerial observations, as the predominant patrol method. The program continues to support video review of aerial patrols as a quality control measure and in identifying new construction.

---

10 Units completed as reported in Table 7-1 are preliminary and subject to change pending close out.

For Local Transmission (LT) Regulator Maintenance, CP, and Valve Maintenance, the planned units are based on the centralized data available in PG&E's Work Management system to assure accurate reporting for the "Units Completed" portion of Table 7-1.

PG&E has initiated a 4-year effort called the Mariner Project[11] 11 to improve the GT business processes and tools. The goal of the Mariner Project is to further enhance the safety and reliability of PG&E's GT system through increased access to pipeline systems data, integrated risk management and integrity management analytics, and improved work management. Mariner initiatives are moving PG&E away from reliance on paper records and towards robust electronic data management systems by connecting field crews to enterprise systems with mobile technology, enabling an enterprise content management system, and strengthening integrity management and risk analysis tools. These efforts will help employees make informed and prompt decisions to enhance public safety. During 2012, much of the work involved configuration of the core enterprise systems, piloting and deploying new mobile devices and business processes for LT Leak Survey and Locate and Mark crews. In 2013, the work involved integrating core systems, developing a new Gas Transmission Geographic Information System (GT GIS) system, development of the new integrity management software and deploying additional mobile devices to gas field crews. During 2014, work has involved phased deployment of improvements to the LT corrective and preventative maintenance processes in various PG&E divisions, continued development of the GT GIS system and initial development of Project and Portfolio Management tools. In 2015, PG&E is completing the program by deploying mobile devices and business processes through SAP for backbone transmission leak survey and asset and station maintenance, as well as deploying the linear referencing GT GIS and mapping system for asset analysis.

The planned units for the Integrity Management Assessments were gathered from the 2013 Transmission Integrity Management Assessment Plan and were prioritized by compliance dates and neighboring HCAs. The completed units for In-Line Inspection (ILI) Assessments, Direct Assessments, i.e., External

---

11 The Mariner Project was previously known as the Gas Transmission Asset Management (GTAM) Project.

Corrosion (ECDA), Internal Corrosion (ICDA), and Stress Corrosion Cracking, and pressure test assessments were reproduced from the GT Integrity Management Monthly Progress Report.

Information contained within the monthly progress report is acquired after the completion of each Integrity Management assessment and provides the Transmission Integrity Management organization with a comparison of planned versus completed units.

**TABLE 7-1**
**GAS TRANSMISSION PIPELINE INSPECTION PLAN**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**

| MWC/ MAT | Inspection Method | Description | Total Units Planned (1/1/2015-12/31/2015) | Units Complete (1/1/2015-6/30/2015) | Results | Location |
|---|---|---|---|---|---|---|
| JO/ JOE/ JOW/ HPE | Leak Survey | Gas Transmission leak survey is conducted either quarterly, semi-annually or annually based on class location. 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). | 9,523.8 Miles | 5,974.1 Miles | As a result of the transmission leak survey inspections during the first half of 2015, a total of 328 leaks were found:<br>8 Grade 1 leaks<br>31 Grade 2+ leaks<br>66 Grade 2 leaks<br>223 Grade 3 leaks<br>Totals reflect confirmed transmission reportable leaks only.(a) | Leak Survey was performed systemwide on Gas Transmission pipelines. |
| JO/ JOA/ JOB | CP Monitoring | CP Monitoring includes taking pipe-to-soil reads (which provides information about the CP levels on the pipeline) and rectifier reads. GT rectifier reads are taken every other month (bi-monthly) and pipe-to-soil reads are required, at a minimum, annually. Gas Local Transmission (GLT or LT) rectifiers are read, at a minimum, annually and pipe-to-soils are read bi-monthly. | 22,014 Reads | 6,955 Reads | As a result of Gas Transmission CP monitoring during the first half of 2015, 319 GT corrective troubleshooting notifications were issued.<br>As a result of Local Transmission CP monitoring during the first half of 2015 292 LT corrective troubleshooting notifications were issued.<br>Corrosion Engineering completed 489 Casing without wires or vents reads for the first half of 2015. | CP Monitoring was performed systemwide on Gas Transmission pipelines. |

(a) The number of Transmission leaks found during this reporting period differs from previous reports in large part due to more miles surveyed, improvements in leak survey methodology, and the transition in reporting systems from IGIS to SAP.

**TABLE 7-1**
**GAS TRANSMISSION PIPELINE INSPECTION PLAN**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**
**(CONTINUED)**

| MWC/ MAT | Inspection Method | Description | Total Units Planned (1/1/2015-12/31/2015) | Units Complete (1/1/2015-6/30/2015) | Results | Location |
|---|---|---|---|---|---|---|
| JO/ JOG | District Regulator Maintenance | Gas Transmission district regulator stations receive two different types of maintenance inspections. 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. | 4,549 District Regulator Inspections | 1,243 District Regulator Inspections | As a result of Gas Transmission regulator maintenance inspections during the first half of 2015, 9 GT corrective notifications were issued.<br><br>As a result of Local Transmission regulator maintenance inspections during the first half of 2015, 72 LT corrective notifications were issued. | District Regulator Maintenance was performed systemwide on Gas Transmission pipelines. |
| JO/ JOH/ JOI | Valve Maintenance | Gas Transmission valve maintenance involves operating and inspecting the valve on an annual basis. | 12,531 Valve Inspections | 5,531 Valve Inspections | As the result of Gas Transmission valve maintenance inspections during the first half of 2015, 11 GT corrective notifications were issued.<br><br>As the result of Local Transmission valve maintenance inspections during the first half of 2014, 39 LT corrective notifications were issued. | Valve Maintenance was performed systemwide on Gas Transmission pipelines. |

## TABLE 7-1
## GAS TRANSMISSION PIPELINE INSPECTION PLAN
## REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015
## (CONTINUED)

| MWC/ MAT | Inspection Method | Description | Total Units Planned (1/1/2015-12/31/2015) | Units Complete (1/1/2015-6/30/2015) | Results | Location |
|---|---|---|---|---|---|---|
| JO/ JOF/ KEX | Pipeline Patrol | Transmission pipeline patrols are currently conducted by fixed-wing aircraft, helicopter, and also on the ground by four-wheeled vehicle and on foot. These patrols are conducted quarterly, at a minimum, but the goal is once a month (weather & equipment permitting). | 124,149 Miles | 60,341 Miles | PG&E patrolled a total of 60,341 miles during the first half of 2015 through its patrol program. Of these, 10,093 miles were patrolled via fixed-wing, 50,224 miles were patrolled via helicopter, and 24 miles were ground patrolled. A total of 1,240 observations were reported. | Pipeline Patrol was performed systemwide on gas transmission pipelines, select distribution facilities, and gas gathering systems. |
| DF/ DFB | Standby/Field Meets | Whenever proposed excavation work is near enough to one or more of our GT pipelines, a field meet with the excavator is required. If the proposed excavation is confirmed to be within a critical distance of the pipeline(s), a standby employee will be present during the excavation while the pipeline is exposed. | 3,166 Standby/Field Meet Requests(b) | 1,094 Standby/Field Meets Performed | For the first six months of 2015, local field offices reported a total of 1,094 standbys/field meetings being requested and 1,094 standbys/field meets being completed. | Standby and Field Meets were performed systemwide on GT pipelines. |
| HP/ HPF/ JT/ JTC/ JTD/ 75/ 75N | 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. | 78.1 Miles | 44.2 Miles | Completed hydrostatic testing of 25.3 miles of pipeline in the first half of 2015. PG&E also located and validated records of prior hydrostatic testing related to 18.9 miles of pipeline in the first half of 2015. | Hydrostatic testing was performed on the following pipelines: DFM-7222-01<br>DFM-2403-01<br>L-118A<br>L-302E<br>L-300A |

(b) In prior reports, the planned units for Standby/Field Meets were provided as a total figure including both transmission and distribution units. However, the number of units completed consisted of only transmission units. Starting with report 2015-01 and moving forward, the number of planned units is representative of only transmission units.

**TABLE 7-1**
**GAS TRANSMISSION PIPELINE INSPECTION PLAN**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**
**(CONTINUED)**

| MWC/ MAT | Inspection Method | Description | Total Units Planned (1/1/2015-12/31/2015) | Units Complete (1/1/2015-6/30/2015) | Results | Location |
|---|---|---|---|---|---|---|
| HP/ HPB/ HPC | Integrity Management Assessments | Integrity Management (IM) Assessments involve using one of the federally approved methods to assess transmission pipeline segments in HCA. These assessment methods include ILI, Direct Assessment, Pressure Testing or a combination of these methods. Baseline assessments are scheduled upon risk. Subsequent re-assessments are typically scheduled on either a 5- or 7-year cycle, but may be accelerated on conditional factors. | 240 Miles | 53 Miles | During the first half of 2015, PG&E had 6 immediate and 1 Scheduled-One Year anomaly from the ILI assessments that required either a Clockspring repair or cut-out. Additionally, PG&E performed 2 Clockspring and 1 Type-B sleeve repairs and 1 cut-out associated with three ECDA assessments. | ILI: 002, 303, 021D, 021E, 300A, 300B<br>NT-ILI: 0837-01, 153, 181B, 101<br>ECDA: 123, 119-1, 119-2, 121, 173, 813, 107, 124, 400-1<br>Pressure Test: 153, 187, GCUST5917 |

Note: No Video Inspections (Camera) have been completed or are planned to be completed in 2015.

Table 7-2 contains any discrepancies found as a result of the planned inspections during the January 1 to June 30, 2015 reporting period. In the course of performing 13,729 facility inspections and 66,412 cumulative miles of pipeline patrols and surveys, the following 16 items were discovered which required updates or corrections to the pipeline records.

**TABLE 7-2**
**INSPECTIONS RECORDS DISCREPANCIES REPORT**
**INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**

| Date(s) of Inspection (Start - End) | Type of Inspection | Location of Inspection (Line, MP) | What document was discrepancy found | Brief description of Discrepancy |
|---|---|---|---|---|
| 5/8/2015 – 5/19/2015 | Hydrotest T-1031 | L-118A MP 32.53 | 3628-H8, 0805138-RB09, MAOP16100117, MAOP08810987 | The MP shown in GIS, D-Plat and OP Diagram for RB09 is on L-118B, MP20.4. However, during the clearance day, the Clearance Supervisor discovered this HPR to be tapped off from L-118A, around MP of 32.53. Corrective Action Program item of 7012111 has been issued for this discrepancy on May 19, 2015. |
| 5/20/2015 | UT Testing T-1032 | L-118A MP 41.049 | MAOP08109026 | Location K:<br>Record showed Pipe Specifications of 3.5" Outer Diameter, 0.156" Wall Thickness (WT), and Seam type as Butt Weld.<br>Field Verified Wall Thickness with Ultrasonic Testing for 3" tap DREG4436 as 0.188" WT. |
| 5/27/2015 | UT Testing (T-1032) | L-118A MP 41.049 | PFL: 118A_MP0.00-47.00_20Jun14 | Location B:<br>PFL Pipe Specification showed: 12.75" Outer Diameter, 0.203" Wall Thickness (WT), and Seam type as Electric Resistance Weld (ERW).<br>Field Verified Wall Thickness with Ultrasonic Testing for 12.75" pipe as 0.259" WT. |
| 4/27/2015 | ECDA, EC15-119-2 | 0618-03 MP 1.33 | H-Form | GIS showed coating type as "Other/DW." Observations showed coating type as "HAA/TAPE/Other." |

**TABLE 7-2**
**INSPECTIONS RECORDS DISCREPANCIES REPORT**
**INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**
**(CONTINUED)**

| Date(s) of Inspection (Start - End) | Type of Inspection | Location of Inspection (Line, MP) | What document was discrepancy found | Brief description of Discrepancy |
|---|---|---|---|---|
| 5/21/2015 | ILI (I-080) | L-147, MP 1.90, San Carlos | PFL 147_MP0.0000-3.80000_08OCT13 | Camera inspection revealed three (3) miter bends of approximately 10 degrees which do not appear in the PFL at this location. The PFL should be updated to reflect "field bend-miter 10 deg" at these locations. |
| 4/6/2015 | ILI (I-116) | L-181B MP 10.56, Lat: 36.903420°, Long: -121.751608° | PFL | The L-181B Segment number 115, Row 478, Feature number 461 calls out 20" Outer Diameter, 0.250 Wall Thickness, DSAW pipe but after the inspections determined that it was ERW pipe. |
| 6/29/2015 | ILI Verification Dig/Upgrade Excavation | L-138C Intersection of Sierra Vista and Harvey, Fresno | PFL | The elbow called out at station 323+95 in the PFL is called out as a 90 degree elbow. Found a weld map that shows that a 45 degree elbow was welded to a 90 degree elbow. This is not a piggable feature and there is an upcoming ILI so a verification dig was completed on 06/29/2015 and the back to back bends were found and are in the process of being removed. |
| 6/19/2014* | ECDA (EC14-118-2) | 7204-01, MP 1.91 | PFL | The PFL shows the weld seam type as ERW. Observations in the field showed the weld seam to be SMLS. |

**TABLE 7-2**
**INSPECTIONS RECORDS DISCREPANCIES REPORT**
**INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**
**(CONTINUED)**

| Date(s) of Inspection (Start - End) | Type of Inspection | Location of Inspection (Line, MP) | What document was discrepancy found | Brief description of Discrepancy |
|---|---|---|---|---|
| 7/16/2014* | ECDA (EC14-300A) | 0817-01, MP 0.195 | PFL | The PFL shows the weld seam type as ERW. Observations in the field showed the weld seam to be SMLS. |
| 9/21/2014* | ECDA (EC14-132) | GCUST5813, MP 0.3912 | PFL | The PFL shows the weld seam type as Unknown. Observations in the field showed the weld seam to be ERW. |
| 4/10/2014* | ECDA (EC14-138) | DREG4793, MP 0.0925 | PFL | The PFL shows the weld seam type as ERW. Observations in the field showed Seamless. |
| 5/12/2014* | ECDA (EC14-138) | DREG4793, MP 0.1097 | PFL | The PFL shows the Wall Thickness as 0.188". Observations in the field showed Wall Thickness of 0.280". |
| 8/5/2013* | ICDA (IC13-191-1) | DCUST11231, MP 0.0017 | PFL | The PFL shows the Diameter as 12.75". Observations in the field showed the Diameter as 20". |
| 8/5/2013* | ICDA (IC13-191-1) | DCUST11231, MP 0.0017 | PFL | The PFL shows the weld seam type as Seamless. Observations in the field showed weld seam as Arc Weld (DS or SS). |
| 11/12/2013* | ICDA (IC13-119) | 172A, MP 69.81 | PFL | The PFL shows the weld seam type as Seamless. Observations in the field showed weld seam as ERW & SMLS. |

**TABLE 7-2**
**INSPECTIONS RECORDS DISCREPANCIES REPORT**
**INSPECTION TYPES: LEAK SURVEY, PATROL, CP AND REGULATOR INSPECTIONS, HYDROTEST, ILI, ECDA, CAMERA, MAOP VERIFICATION DIGS**
**REPORTING PERIOD JANUARY 1 TO JUNE 30, 2015**
**(CONTINUED)**

| Date(s) of Inspection (Start - End) | Type of Inspection | Location of Inspection (Line, MP) | What document was discrepancy found | Brief description of Discrepancy |
|---|---|---|---|---|
| 6/5/2014* | ICDA (IC14-121) | GCUST5827, MP .0073 | PFL | The PFL shows the Coating Type as FBE. Observations in the field showed coating type as Wax Tape. |

* These Direct Assessment (DA) inspections occurred in 2013 and 2014, however, the discrepancies with existing PFL's were not identified until the reporting period for this report (2015-01). The delay is due to (a) the lag time between the actual inspection and when the draft documentation is provided to PG&E's Integrity Management group by PG&E's vendors; and (b) the time needed to perform quality checks of the documentation before they are accepted as final.

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

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

**Response**

Per the requirements of 49 CFR Section 192.907, PG&E developed a written Transmission Integrity Management Program on December 9, 2004. The latest version of the procedure that describes the process for implementing each program element, "Risk Management Procedure RMP-06," (Revision 9) was recently revised on October 1, 2014 and was included as Appendix A to GT&S Safety Report No. 2014-02, submitted on February 27, 2015. A prior version of this plan was submitted in GT&S Safety Report No. 2012-02, submitted on March 1, 2013.

In accordance with PG&E's written Transmission Integrity Management Program, a completed 2004 Baseline Assessment Plan (BAP) 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 CFR, Part 192 Subpart O – Pipeline Integrity Management.

The initial 2004 BAP contained 975 miles of HCAs. Based on the Transmission Integrity Management Assessment Plan (AP) (formerly BAP) from 2013, PG&E has identified 1,118 miles of HCAs. The increase in HCA mileage from 2004 to 2013 is primarily due to new construction around the pipeline, changes in identified sites, and updates to pipeline characteristics when pipeline is replaced or new data becomes available. These changes are identified through the annual HCA analysis. The assessment plan is updated annually with the latest results of PG&E's HCA analysis. In August 2014, PG&E finalized the 2013 AP for PG&E and StanPac. The 2013 APs were included as Appendices B and C to GT& Safety Report No. 2014-02.

Per the requirements of Section 192.921(d), PG&E assessed 100 percent of the 2004 BAP as of December 17, 2012 for all PG&E and StanPac covered segments. The 2013 AP reflects the assessment schedules for the 2004 BAP HCA reassessments and new HCAs identified after 2004.

On April 1, 2014, PG&E provided an update and correction to the Pipeline and Hazardous Materials Safety Administration (PHMSA) regarding the results of

the Company's baseline assessment program completed on December 17, 2012. The update stated that PG&E is in the process of revising an internal procedure related to its ECDA Program. PG&E also committed to validating 2.62 miles that were previously assessed using PG&E's prior ECDA procedure and practice. This letter and its attachments were included in GT&S Safety Report 2014-01 as Appendix A. In addition, updates to the ECDA procedure RMP-09: External Corrosion Direct Assessment (Revision 10) were completed on October 2, 2014 and were included as Appendix D to GT&S Safety Report No. 2014-02.

Per the requirements of Section 192.945(a), PG&E has submitted the required semi-annual (now annual) reports to the U.S. Department of Transportation's PHMSA since August 2004. The annual reports submitting information for calendar year 2014 were filed with PHMSA on March 13, 2015, and are included as Appendices C and D to this report. The annual reports for calendar year 2015 will be filed on or before March 15, 2016.

# PACIFIC GAS AND ELECTRIC COMPANY

# APPENDIX A

# PIPELINE SAFETY ENHANCEMENT PLAN

# PROJECT STATUS SUMMARY

**PACIFIC GAS AND ELECTRIC COMPANY**
**PROJECT STATUS SUMMARY - COMPLETED, UNDER CONSTRUCTION, YET TO START CONSTRUCTION**
**JANUARY 2015 - JUNE 2015**

| Line No. | Order Number | Workstreams | Project Description | Units/Mileage Remaining* | Units/Mileage Completed (Miles/Valves)* | Operative/Tie-in Date | Status as of June 2015 |
|---|---|---|---|---|---|---|---|
| 1 | 30906362 | Replacement | R-031 L-109_3B_1 1.29MI MP 18.61-19.71 REPL PH1 | | 0.24 | Jan-15 | Tied in, restoration ongoing. Faulty PBV has been replaced and project is fully turned over to operations. |
| 2 | 30998244 | Replacement | R-166 L-109_3B_2 1.64MI MP 20.38-22.20 REPL PH1 | | 0.08 | Jan-15 | Tied in, restoration ongoing. |
| 3 | 30842206 | Replacement | R-205 L-021C 0.55MI MP 31.85-32.39 REPL PH1 | | 0.07 | Feb-15 | Tied-in, restoration ongoing. |
| 4 | 30891268 | Replacement | R-067 L-109_2B 0.18MI MP 2.82-10.15 REPL PH1 | | 0.12 | Feb-15 | Tied in, restoration ongoing. |
| 5 | 30865390 | Replacement | R-016 L-108_3 2.55MI MP 83.49-85.98 REPL PH1 | | 1.35 | Mar-15 | Tied in, restoration ongoing. |
| 6 | 30975821 | Replacement | R-158 L-021D 0.62MI MP 18.65-19.27 REPL PH1 | | 0.08 | Mar-15 | Tied in, restoration ongoing. |
| 7 | 30841612 | Replacement | R-061 L-196A 2.00MI MP 11.58-13.45 REPL PH1 | | 0.09 | Mar-15 | Tied-in. Restoration underway. |
| 8 | 31070156 | Replacement | R-161 DFM-1815-02 6.46MI MP 6.50-16.85 REPL | | 0.72 | May-15 | Tied-in, restoration ongoing. |
| 9 | 30842218, 30999847 | Replacement | R-167 L-123 1.83MI MP 4.35-13.74 REPL PH1 and R-059 L-123 4.01MI MP 0.00-9.74 REPL PH1 | | 0.33 | Jun-15 | Tied-in. Restoration underway. |
| 10 | 30975446 | Replacement | R-153 L-021C 0.19MI MP 34.84-35.04 REPL PH1 | 0.19 | | Jul-15 | Challenging contaminated soils in bore pits working to be addressed. |
| 11 | 31000412 | Replacement | R-187 DFM-1816-15 0.03MI MP 3.04-3.07 REPL PH1 | 0.03 | | Aug-15 | Permitting Delay – CUSFWS Section 7 permit recieved. Construction start estimated July. |
| 12 | 31117502 | Replacement | R-531 L-021C SPAN REMOVAL MP 32.21-32.23 | 0 | | Aug-15 | Span removal only, permit condition on pipe replacement project. Risk permitting timeline could move removal to 2016. |
| 13 | 30843897 | Replacement | R-060 L-021D 2.65MI MP 19.27-24.49 REPL PH1 | 1.42 | | Sep-15 | Challenging contaminated soils in bore pits working to be addressed. |
| 14 | 31003462 | Replacement | R-188B L-220 0.52MI MP 19.37-19.92 REPL PH1 | 0.52 | | Oct-15 | In permitting, investigating potential efficiencies in combining PSEP scope. Working with Solano County for encroachment permit. |
| 15 | 31000408 | Replacement | R-185 L-109_4A_2 1.04MI MP 28.60-29.60 REPL PH1 | 1.04 | | Oct-15 | Permitting delay- San Francisco Planning Department, Air quality permit expected to impact L-109_4A1, L-109_4A2, L-109_4C schedule and duration of construction. |
| 16 | 30842214 | Replacement | R-046 L-109_4A_1 2.35MI MP 24.84-27.26 REPL PH1 | 2.35 | | Aug-16 | Permitting delay- San Francisco Planning Department, Air quality permit expected to impact L-109_4A1, L-109_4A2, L-109_4C schedule and duration of construction. |
| 17 | 30897896 | Replacement | R-048 L-109_4C 1.26MI MP 30.52-31.76 REPL PH1 | 1.26 | | Dec-16 | Permitting delay- San Francisco Planning Department, Air quality permit expected to impact L-109_4A1, L-109_4A2, L-109_4C schedule and duration of construction. |
| 18 | 31042712 | Replacement | R-240 L-109_4A_3 0.51MI MP 29.60-31.11 REPL PH1 | 0.51 | | Nov-17 | EIR permitting yet to apply for due to balance of L-109 portfolio. |
| 19 | 30927104 | Replacement | R-052 L-109_3C 0.79 MI MP 23.30-24.00 REPL PH1 | 0.79 | - | N/A | Moved to hydrotest - actuals expected to transfer for vintage pipe project. |
| 20 | - | Replacement Short | Replacement Short and Emergent Projects Completed in 2015 | | 0.11 | - | - |
| 21 | 30842302 | Valve | V-012 Lomita Park | | 1 | Mar-15 | Tied-in. Restoration ongoing. |
| 22 | 30842288 | Valve | V-041 Foleys Ranch | 2 | 4 | Sep-15 | Late start and inclement weather in late 2014 delayed the completion of this project to 2015. Only 4 valves out of the 6 were automated due to issues with two valves (V-8, V-9). These 2 valves are not expected to be replaced until August 2015. Commissioning of the final valves to occur in September 2015. |
| 23 | 30842317 | Valve | V-044 Sheridan | 2 | | Nov-15 | Experiencing on-going delays with environmental permit (SFPUC) and project completion in 2015 at risk. Project team has obtained approval to go with Plan "B" and automate the 2 valves this year, V3 and V5. Job design started for 2015 Plan B work. |
| 24 | 41482735 | ILI | L-101 MP 11.62-33.68 ILI & ANALYSIS PH10 | 21.9 | | Jul-15 | Pigging started in October but geometry tool indicated several anomalies. Location of anomalies are in very challenging areas for permitting, including Caltrans and a levee channel. Investigative digs have been completed. The MFL tool was re-run and indicated that there are more sites that could be problematic. Set to run the GE tools on July 15 and the MFL tool on July 28. |

* Represents mileage to be installed for started projects and replaced for yet to start.

# PACIFIC GAS AND ELECTRIC COMPANY

# APPENDIX B

# PIPELINE SAFETY ENHANCEMENT PLAN COSTS

**2015 Q2 CPUC Reporting**
**As of July 6, 2015**
**All values in millions of dollars**

| Pipeline Safety Enhancement Plan | PSEP Actuals YTD | | | | | | | | | | | | Authorized[1] | Update Application[2] | Proposed Decision Adopting Settlement Agreement[1,2] | | | | | Shareholder Funded per Update Application[3] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PSEP Expense | 2,011-0 | 2,012-0 | 2,013-0 | 2,014-0 | 2015 YTD | 2015 MAR | 2015 FEB | 2015 JAN | 2014 APR | 2014 MAY | 2014 JUN | PSEP Costs to Date | 2011-2015 PSEP Authorized | 2011-2014 PSEP Updated | 2011-2014 PSEP Updated | 2011 Updated | 2012 Updated | 2013 Updated | 2014 Updated | YTD Shareholder Funded | 2,011-0 | 2,012-0 | 2,013-0 | 2,014-0 | 2014 YTD | 2015 JAN | 2015 FEB | 2015 MAR | 2015 APR | 2015 MAY | 2015 JUN |
| Pipeline Modernization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipe Replacement | 0.0 | 0.0 | 0.1 | 0.9 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | | | | | | | | | | | | | | | | | | |
| In Line Inspection | 0.0 | 0.0 | 1.6 | 11.3 | 1.4 | 0.3 | (0.3) | 0.4 | 0.7 | 0.1 | 0.1 | 15.0 | | | | | | | | | | | | | | | | | | |
| Strength Test | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-1955 Installation | | | 105.1 | 92.8 | 10.0 | 8.7 | (0.4) | 19.1 | (0.0) | 10.0 | 10.0 | 205.7 | | | | | | | | | | | | | | | | | | |
| Post-1955 Installation | | | 13.5 | 22.0 | 0.9 | 0.5 | 1.8 | 2.8 | (0.4) | 0.6 | (0.6) | 110.4 | | | | | | | | | | | | | | | | | | |
| Strength Test Total | 228.1 | 130.7 | 119.0 | 114.8 | 4.5 | 1.1 | 1.4 | 2.2 | (0.4) | 0.1 | 0.1 | 316.6 | | | | | | | | | | | | | | | | | | |
| Eng Cond / Fatigue Analysis | 0.0 | 0.0 | 0.3 | 0.8 | 0.6 | 0.1 | 0.0 | 0.3 | 0.3 | 0.1 | 0.0 | 1.8 | | | | | | | | | | | | | | | | | | |
| Pipeline Modernization Total | 228.1 | 130.7 | 141.9 | 187.1 | 6.7 | 1.8 | 1.0 | 2.7 | 0.3 | 0.3 | 0.4 | 636.0 | 149.3 | 15.2 | 65.3 | 0.0 | 2.3 | 50.8 | 42.1 | 292.9 | 228.3 | 129.4 | 89.3 | 134.3 | 6.7 | 1.8 | 1.0 | 2.7 | 0.3 | 0.3 | 0.4 |
| Pipeline Records Integration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAOP | 90.3 | 139.8 | 29.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 260.8 | | | | | | | | | | | | | | | | | | |
| Manual | 1.2 | 3.9 | 1.4 | 0.0 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | (0.2) | 13.0 | | | | | | | | | | | | | | | | | | |
| Pipeline Records Integration Total | 91.5 | 143.1 | 30.7 | 0.3 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | (0.2) | 273.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 251.2 | 91.6 | 124.1 | 30.7 | 6.2 | 0.0 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | (0.2) |
| Valve Automation | 0.0 | 0.3 | 1.9 | 2.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | (0.1) | 4.7 | 4.7 | 4.7 | 4.2 | 0.0 | 0.1 | 3.8 | 1.2 | (0.6) | 0.0 | 0.4 | (1.1) | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | (0.3) |
| Interim Safety Measures | 0.0 | 1.4 | 3.3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 5.7 | 3.1 | 3.1 | 2.3 | 0.0 | 0.0 | 1.1 | 1.0 | 1.6 | 0.0 | 1.4 | 1.2 | (0.0) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PMO | 9.0 | 9.9 | 8.8 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 | 6.6 | 6.6 | 6.6 | 0.0 | 0.1 | 8.3 | 1.5 | 11.5 | 9.9 | 6.4 | 0.2 | (0.2) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other | 8.4 | 8.3 | 4.1 | 6.9 | 1.7 | (0.1) | 0.6 | 0.2 | 0.2 | 0.6 | 0.6 | 25.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.8 | 6.8 | 4.3 | 4.1 | 6.9 | 1.7 | (0.1) | 0.6 | 0.2 | 0.1 | 0.2 | 0.6 |
| Total PSEP Expense[4] | 531.7 | 476.4 | 318.3 | 188.8 | 9.1 | 1.8 | 1.3 | 3.2 | 1.0 | 0.8 | 0.7 | 1,000.6 | 166.9 | 110.6 | 106.6 | 0.0 | 1.8 | 59.1 | 46.8 | 872.8 | 531.7 | 367.9 | 194.6 | 149.4 | 9.1 | 1.8 | 1.0 | 3.2 | 1.0 | 0.8 | 0.7 |
| PSEP Capital | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipeline Modernization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipeline Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipeline Replacement less Post-1955 Strength Test Cost | 11.8 | 228.3 | 307.5 | 255.7 | 66.3 | 15.7 | 14.0 | 19.1 | 10.8 | 11.2 | 4.7 | 663.7 | | | | | | | | | | | | | | | | | | |
| Retirements | 0.0 | 0.6 | 6.0 | 8.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | | | | | | | | | | | | | | | | | | |
| Downgrades | 0.0 | 1.8 | (1.5) | (2.0) | 0.0 | 0.0 | (0.0) | (0.0) | 0.0 | 0.0 | (0.0) | 0.3 | | | | | | | | | | | | | | | | | | |
| Post-1955 Strength Test Cost | 0.0 | 3.3 | 9.2 | 24.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.3 | | | | | | | | | | | | | | | | | | |
| Pipeline Replacement Total | 11.8 | 232.4 | 312.3 | 287.6 | 66.4 | 15.7 | 14.0 | 19.1 | 10.8 | 11.1 | 4.7 | 696.8 | | | | | | | | | | | | | | | | | | |
| Strength Test Retest | 5.8 | 12.8 | 19.6 | 29.0 | 0.2 | 0.1 | (0.0) | 0.1 | 0.0 | (0.0) | 0.0 | 70.2 | | | | | | | | | | | | | | | | | | |
| In Line Inspection Retrofitting | 0.6 | 10.0 | 35.6 | 4.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | (0.0) | 0.0 | 50.6 | | | | | | | | | | | | | | | | | | |
| Pipeline Modernization Total | 18.3 | 256.7 | 377.5 | 296.1 | 66.9 | 15.8 | 14.1 | 19.3 | 10.9 | 11.3 | 4.7 | 1,014.0 | 652.9 | 616.8 | 610.0 | 25.8 | 168.6 | 296.0 | 163.1 | 329.0 | 0.0 | 2.1 | 23.4 | 285.1 | 66.9 | 15.8 | 14.1 | 19.3 | 10.8 | 11.3 | 4.7 |
| Pipeline Records Integration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAOP | 3.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | | | | | | | | | | | | | | | | | | |
| Manual | 4.9 | 28.3 | 37.3 | 32.2 | 19.6 | 0.3 | 2.7 | 1.4 | 4.6 | 4.5 | 6.0 | 123.3 | | | | | | | | | | | | | | | | | | |
| Pipeline Records Integration Total | 8.6 | 28.6 | 37.3 | 32.2 | 19.6 | 0.3 | 2.7 | 1.4 | 4.6 | 4.5 | 6.0 | 125.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 125.3 | 4.6 | 28.6 | 37.1 | 32.2 | 19.6 | 0.3 | 2.7 | 1.4 | 4.6 | 4.5 | 6.0 |
| Valve Automation | 13.6 | 29.5 | 91.9 | 45.6 | 1.1 | 0.7 | 0.4 | 3.8 | 0.6 | 0.3 | 0.1 | 147.0 | 129.0 | 129.0 | 129.0 | 15.7 | 56.9 | 31.6 | 26.8 | 18.1 | 0.0 | 0.0 | 0.0 | 19.0 | 1.1 | 0.7 | 0.4 | 0.8 | 0.6 | 0.3 | 0.1 |
| Interim Safety Measures | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PMO | 3.3 | 3.1 | 6.8 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 | 22.3 | 22.3 | 15.3 | 2.1 | 4.5 | 4.4 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other | 0.0 | 5.0 | 1.3 | (5.5) | 6.5 | 0.2 | 0.6 | 3.3 | (0.4) | 0.1 | 2.6 | 8.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 | 5.0 | 1.3 | (5.5) | 6.5 | 0.2 | 0.6 | 3.3 | (0.4) | 0.1 | 2.6 |
| Total PSEP Capital[4] | 43.3 | 323.8 | 476.8 | 377.5 | 93.3 | 17.0 | 17.7 | 28.8 | 15.3 | 16.4 | 13.3 | 1,311.2 | 1,203.3 | 766.2 | 794.3 | 41.1 | 192.0 | 332.0 | 195.1 | 530.8 | 4.6 | 34.6 | 76.1 | 332.8 | 93.3 | 17.0 | 17.7 | 23.8 | 15.8 | 16.4 | 13.3 |

1,2 Standing included in Actual and Forecasted Costs and Authorized Recovery

3,4 Updated Settlement Agreement from 16-11-023

3,4 The Shareholder Funded Portion has been updated to reflect revenue numbers consistent with the Proposed Decision Adopting Settlement Agreement issued on October 16, 2014. The year over year shareholder amounts do not tie to the Settlement values due to the timing of the Settlement Agreement resulting in prior year reporting of shareholder amounts.

4,5 Pre/Post 1955 spend has been updated based on MAOP validation

4,5 2014 was moved from pre1955 strength test costs to Post 1955 strength test costs. However the G-Pass amount did not change

4,6 Includes 7 TR miles (3 orders) of projects that are 100% retired and 6.80 miles (3 orders) of projects that 100% downgrades. We are unable to allocate the actual recorded costs for the remaining retirements and downgrades that were part of a larger replacement project. Dollar values for these specific projects were determined through a pull of the financial system and subtracted from the overall Pipe Replacement spend to determine the Pipe Replacement less Post-1955 Strength Test Costs. 1/7th of the Stanford project was included in the cost for documents

4,7 The year-to-year recoverable amount for PSEP Capital and Expense, as well as Valve Capital, have been adjusted down, per PSEP Decision 12-12-030, Ordering Paragraph 8. PG&E is only allowed to collect actual costs up to the limit adopted by each stream. Any underruns in one work stream may not be applied to year new in other work streams

4,8 Capital Pipe Replacement Recovery Adjusted down due to canceled project without replacement valued at $4215 as well as another project for $4,758. In compliance with Ordering Paragraph 8 of D. 12-12-030, the adopted capital amounts for any program shall be reduced by the cost of any PSEP Implementation Plan projects not completed and not replaced with a higher priority project

4,9 Totals include General Order costs

# PACIFIC GAS AND ELECTRIC COMPANY

# APPENDIX C

# PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION FORM 7100.2-1, ANNUAL REPORT FOR CALENDAR YEAR 2014 NATURAL OR OTHER GAS TRANSMISSION AND GATHERING SYSTEMS – PACIFIC GAS AND ELECTRIC COMPANY

# (MARCH 13, 2015)

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

| U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration | ANNUAL REPORT FOR CALENDAR YEAR 2014 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS | Initial Date Submitted | 03/13/2015 |
|---|---|---|---|
| | | Report Submission Type | INITIAL |
| | | Date Submitted | |

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 22 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

***Important:*** *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

| **PART A - OPERATOR INFORMATION** | DOT USE ONLY | **20153452 - 29947** |
|---|---|---|

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

**15007**

2. NAME OF OPERATOR:

**PACIFIC GAS & ELECTRIC CO**

IF SUBSIDIARY, NAME OF PARENT:

**PG&E Corporation**

3. RESERVED

4. HEADQUARTERS ADDRESS:

**77 BEALE STREET**
Street Address

**SAN FRANCISCO**
City

State: **CA** Zip Code: **94107**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

**Natural Gas**

6. CHARACTERIZE THE PIPELINES AND/OR PIPELINE FACILITIES COVERED BY THIS OPID AND COMMODITY GROUP WITH RESPECT TO COMPLIANCE WITH PHMSA'S INTEGRITY MANAGEMENT PROGRAM REGULATIONS (49 CFR 192 Subpart O).

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **CALIFORNIA** etc.

8. RESERVED


***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PARTs B, C, D, and E one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.***

| PART B – TRANSMISSION PIPELINE HCA MILES | |
|---|---|
| | Number of HCA Miles |
| **Onshore** | 1092.5 |
| **Offshore** | 0 |
| Total Miles | 1092.5 |

| PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems) | ☐ Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems. | |
|---|---|---|
| | **Onshore** | **Offshore** |
| Natural Gas | 852387 | |
| Propane Gas | | |
| Synthetic Gas | | |
| Hydrogen Gas | | |
| Landfill Gas | | |
| Other Gas - Name: | | |

**PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION**

| | Steel Cathodically protected | | Steel Cathodically unprotected | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Bare | Coated | Bare | Coated | Cast Iron | Wrought Iron | Plastic | Composite[1] | Other | Total Miles |
| **Transmission** | | | | | | | | | | |
| Onshore | 8.7 | 5724.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *5733.1* |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Subtotal Transmission | *8.7* | *5724.4* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *5733.1* |
| **Gathering** | | | | | | | | | | |
| Onshore Type A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Onshore Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Subtotal Gathering | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* |
| **Total Miles** | *8.7* | *5724.4* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *5733.1* |

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

**PART E – Reserved. Data for Part E has been merged into Part D for 2010 and 2011 Annual Reports.**


***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipelines and/or pipeline facilities included within this OPID exist. Each time these sections are completed, designate the State to which the data applies for INTRAstate pipelines and/or pipeline facilities, or that it applies to all INTERstate pipelines included within this Commodity Group and OPID.***

**PARTs F and G**

**The data reported in these PARTs for the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipelines and/or pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero applies to:** *(select only one)*

**PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION**

**INTRASTATE pipelines/pipeline facilities CALIFORNIA**

| | |
|---|---|
| **1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS** | |
| a. Corrosion or metal loss tools | 388.93 |
| b. Dent or deformation tools | 410.52 |
| c. Crack or long seam defect detection tools | |
| d. Any other internal inspection tools, specify other tools: | |
| 1. Internal Inspection Tools - Other | |
| e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d ) | *799.45* |
| **2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS** | |
| a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation. | 61 |
| b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | 36 |
| c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of: | 9 |
| 1. "Immediate repair conditions" [192.933(d)(1)] | 9 |
| 2. "One-year conditions" [192.933(d)(2)] | |
| 3. "Monitored conditions" [192.933(d)(3)] | |
| 4. Other "Scheduled conditions" [192.933(c)] | |
| **3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING** | |
| a. Total mileage inspected by pressure testing in calendar year. | 12.24 |
| b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment. | |
| c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT. | |
| d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT. | |
| **4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)** | |
| a. Total mileage inspected by each DA method in calendar year. | 139.75 |
| 1. ECDA | 136.02 |
| 2. ICDA | 3.73 |
| 3. SCCDA | |
| b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | 4 |
| 1. ECDA | 3 |


***Reproduction of this form is permitted.***

| | |
|---|---|
| 2. ICDA | 1 |
| 3. SCCDA | |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of: | 3 |
| 1. "Immediate repair conditions" [192.933(d)(1)] | 3 |
| 2. "One-year conditions" [192.933(d)(2)] | |
| 3. "Monitored conditions" [192.933(d)(3)] | |
| 4. Other "Scheduled conditions" [192.933(c)] | |
| **5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES** | |
| a. Total mileage inspected by inspection techniques other than those listed above in calendar year. | |
| 1.Other Inspection Techniques | |
| b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of: | |
| 1. "Immediate repair conditions" [192.933(d)(1)] | |
| 2. "One-year conditions" [192.933(d)(2)] | |
| 3. "Monitored conditions" [192.933(d)(3)] | |
| 4. Other "Scheduled conditions" [192.933©] | |
| **6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR** | |
| a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) | *951.44* |
| b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b) | 40 |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4) | 12 |
| d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT: | |
| e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT: | |
| **PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)** | |
| a. Baseline assessment miles completed during the calendar year. | 10.34 |
| b. Reassessment miles completed during the calendar year. | 198.11 |
| c. Total assessment and reassessment miles completed during the calendar year. | 208.45 |


***Reproduction of this form is permitted.***

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

***For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.***

**PARTs H, I, J, K, L, M, P, Q, and R**

**The data reported in these PARTs applies to: (*select only one*)**

**INTRASTATE pipelines/pipeline facilities CALIFORNIA**

**PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Onshore** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | 361.7 | 431.9 | 556.3 | 406.1 | 758.2 | .1 | 406.2 | 60.8 | 222 |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | 50.4 | 344.6 | 140.8 | 0 | 109.8 | 19 | 1046.5 | 517.4 | 0 |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | 0 | 301.3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; | | | | | | | | |
| *5733.1* | Total Miles of Onshore Pipe – Transmission | | | | | | | | |
| **Offshore** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): - ; - ; - ; - ; - ; - ; - ; - ; - ; | | | | | | | | |
| | Total Miles of Offshore Pipe – Transmission | | | | | | | | |

**PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Onshore Type A** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



***Reproduction of this form is permitted.***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; | | | | | | | | |
| *0* | Total Miles of Onshore Type A Pipe – Gathering | | | | | | | | |
| **Onshore Type B** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; | | | | | | | | |
| *0* | Total Miles of Onshore Type B Pipe – Gathering | | | | | | | | |
| **Offshore** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): - ; - ; - ; - ; - ; - ; - ; - ; - ; | | | | | | | | |
| | Total Miles of Offshore Pipe – Gathering | | | | | | | | |

## PART J – MILES OF PIPE BY DECADE INSTALLED

| **Decade Pipe Installed** | Unknown | Pre-40 | 1940 - 1949 | 1950 - 1959 | 1960 - 1969 | 1970 - 1979 |
|---|---|---|---|---|---|---|
| **Transmission** | | | | | | |
| Onshore | .1 | 191 | 386.1 | 1971.5 | 1143.9 | 337.2 |
| Offshore | | 0 | | | | |
| Subtotal Transmission | .1 | 191 | 386.1 | 1971.5 | 1143.9 | 337.2 |
| **Gathering** | | | | | | |
| Onshore Type A | 0 | 0 | 0 | 0 | 0 | 0 |
| Onshore Type B | 0 | 0 | 0 | 0 | 0 | 0 |
| Offshore | | 0 | | | | |
| Subtotal Gathering | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Miles** | *.1* | *191* | *386.1* | *1971.5* | *1143.9* | *337.2* |

| **Decade Pipe Installed** | 1980 - 1989 | 1990 - 1999 | 2000 - 2009 | 2010 - 2019 | | Total Miles |
|---|---|---|---|---|---|---|
| **Transmission** | | | | | | |
| Onshore | 535.5 | 781.5 | 212.1 | 174.1 | | *5733* |
| Offshore | | | | | | *0* |
| Subtotal Transmission | 535.5 | 781.5 | 212.1 | 174.1 | | *5733* |


***Reproduction of this form is permitted.***

| Gathering | | | | | | |
|---|---|---|---|---|---|---|
| Onshore Type A | 0 | 0 | 0 | 0 | | 0 |
| Onshore Type B | 0 | 0 | 0 | 0 | | 0 |
| Offshore | | | | | | 0 |
| Subtotal Gathering | 0 | 0 | 0 | 0 | | 0 |
| **Total Miles** | *535.5* | *781.5* | *212.1* | *174.1* | | *5733* |

## PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

| ONSHORE | CLASS LOCATION | | | | Total Miles |
|---|---|---|---|---|---|
| | Class I | Class 2 | Class 3 | Class 4 | |
| **Steel pipe Less than 20% SMYS** | 317.9 | 77.2 | 373.9 | 1.3 | 770.3 |
| **Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS** | 413.2 | 135.6 | 553.7 | .1 | 1102.6 |
| **Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS** | 342.8 | 84.2 | 317.3 | .4 | 744.7 |
| **Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS** | 596.2 | 86.2 | 259.3 | 0 | 941.7 |
| **Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS** | 546.3 | 52.6 | 63.6 | 0 | 662.5 |
| **Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS** | 1481.1 | 30.1 | 0 | 0 | 1511.2 |
| **Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Greater than 80% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Unknown percent of SMYS** | 0 | 0 | 0 | 0 | 0 |
| **All Non-Steel pipe** | 0 | 0 | 0 | 0 | 0 |
| **Onshore Totals** | 3697.5 | 465.9 | 1567.8 | 1.8 | 5733 |
| **OFFSHORE** | Class I | | | | |
| **Less than or equal to 50% SMYS** | | | | | |
| **Greater than 50% SMYS but less than or equal to 72% SMYS** | | | | | |
| **Steel pipe Greater than 72% SMYS** | | | | | |
| **Steel Pipe Unknown percent of SMYS** | | | | | |
| **All non-steel pipe** | | | | | |
| **Offshore Total** | | | | | |
| **Total Miles** | 3697.5 | | | | *5733* |

## PART L - MILES OF PIPE BY CLASS LOCATION

| | Class Location | | | | Total Class Location Miles | HCA Miles in the IMP Program |
|---|---|---|---|---|---|---|
| | Class I | Class 2 | Class 3 | Class 4 | | |
| **Transmission** | | | | | | |
| Onshore | 3697.5 | 465.9 | 1567.8 | 1.8 | 5733 | *1092.5* |
| Offshore | | 0 | 0 | 0 | 0 | |
| Subtotal Transmission | 3697.5 | 465.9 | 1567.8 | 1.8 | 5733 | |



***Reproduction of this form is permitted.***

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

| Gathering | | | | | | |
|---|---|---|---|---|---|---|
| Onshore Type A | | | | | | |
| Onshore Type B | | | | | | |
| Offshore | | | | | | |
| Subtotal Gathering | | | | | | |
| **Total Miles** | 3697.5 | 465.9 | 1567.8 | 1.8 | 5733 | *1092.5* |

## PART M – FAILURES, LEAKS, AND REPAIRS

### PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

| Cause | Transmission Leaks, and Failures | | | | | Gathering Leaks | | |
|---|---|---|---|---|---|---|---|---|
| | Leaks | | | | Failures in HCA Segments | Onshore Leaks | | Offshore Leaks |
| | Onshore Leaks | | Offshore Leaks | | | | | |
| | HCA | Non-HCA | HCA | Non-HCA | | Type A | Type B | |
| External Corrosion | 0 | 6 | 0 | 0 | 3 | | | |
| Internal Corrosion | 0 | 1 | 0 | 0 | 1 | | | |
| Stress Corrosion Cracking | 0 | 0 | 0 | 0 | 0 | | | |
| Manufacturing | 0 | 2 | 0 | 0 | 0 | | | |
| Construction | 0 | 3 | 0 | 0 | 0 | | | |
| Equipment | 7 | 29 | 0 | 0 | 3 | | | |
| Incorrect Operations | 0 | 1 | 0 | 0 | 2 | | | |
| **Third Party Damage/Mechanical Damage** | | | | | | | | |
| Excavation Damage | 0 | 0 | 0 | 0 | 2 | | | |
| Previous Damage (due to Excavation Activity) | 0 | 0 | 0 | 0 | 1 | | | |
| Vandalism (includes all Intentional Damage) | 0 | | 0 | 0 | 0 | | | |
| **Weather Related/Other Outside Force** | | | | | | | | |
| Natural Force Damage (all) | 0 | 0 | 0 | 0 | 1 | | | |
| Other Outside Force Damage (excluding Vandalism and all Intentional Damage) | 0 | 0 | 0 | 0 | 0 | | | |
| Other | 0 | 3 | 0 | 0 | 0 | | | |
| Total | *7* | *45* | *0* | *0* | *13* | | | |

### PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

| Transmission | 14 | Gathering | 0 |
|---|---|---|---|

### PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

| Transmission | | Gathering | |
|---|---|---|---|
| Onshore | 0 | Onshore Type A | |
| | | Onshore Type B | |
| OCS | 0 | OCS | |
| Subtotal Transmission | 0 | Subtotal Gathering | |
| Total | 0 | | |



*Reproduction of this form is permitted.*

## PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

| | Steel Cathodically protected | | Steel Cathodically unprotected | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Bare | Coated | Bare | Coated | Cast Iron | Wrought Iron | Plastic | Composite[1] | Other[2] | Total Miles |
| **Transmission** | | | | | | | | | | |
| Onshore | 8.7 | 5724.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5733.1 |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal Transmission | 8.7 | 5724.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5733.1 |
| **Gathering** | | | | | | | | | | |
| Onshore Type A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Onshore Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Subtotal Gathering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Miles** | 8.7 | 5724.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5733.1 |

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

## Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

| | (a)(1) Total | (a)(1) Incomplete Records | (a)(2) Total | (a)(2) Incomplete Records | (a)(3) Total | (a)(3) Incomplete Records | (a)(4) Total | (a)(4) Incomplete Records | (c) Total | (c) Incomplete Records | (d) Total | (d) Incomplete Records | Other[1] Total | Other Incomplete Records |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class 1 (in HCA) | 19.3 | 0 | 47.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 1 (not in HCA) | 1506.4 | | 2123.9 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Class 2 (in HCA) | 8.4 | 0 | 29.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 2 (not in HCA) | 130.3 | | 297.4 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Class 3 (in HCA) | 206.1 | 0 | 779.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 3 (not in HCA) | 155.2 | 0 | 426.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 4 (in HCA) | 0 | 0 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 4 (not in HCA) | 0 | 0 | .7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 2025.7 | 0 | 3707.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | |
|---|---|
| Grand Total | 5733 |
| Sum of Total row for all "Incomplete Records" columns | 0 |

[1]Specify Other method(s):

| | | | |
|---|---|---|---|
| Class 1 (in HCA) | | Class 1 (not in HCA) | |
| Class 2 (in HCA) | | Class 2 (not in HCA) | |
| Class 3 (in HCA) | | Class 3 (not in HCA) | |
| Class 4 (in HCA) | | Class 4 (not in HCA) | |


***Reproduction of this form is permitted.***

**Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection**

| | PT ≥ 1.25 MAOP | | 1.25 MAOP > PT ≥ 1.1 MAOP | | PT < 1.1 or No PT | |
|---|---|---|---|---|---|---|
| Location | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE |
| Class 1 in HCA | 24.5 | 20.9 | .6 | 2 | 11 | 8.3 |
| Class 2 in HCA | 10.1 | 19.5 | 0 | 0 | 2.1 | 6.4 |
| Class 3 in HCA | 271.1 | 508.6 | 0 | 0 | 43.4 | 162.7 |
| Class 4 in HCA | .5 | .5 | 0 | 0 | 0 | 0 |
| in HCA subTotal | *306.2* | *549.5* | *.6* | *2* | *56.5* | *177.4* |
| Class 1 not in HCA | 523.7 | 1416.5 | 56.5 | 127.2 | 420.3 | 1086.1 |
| Class 2 not in HCA | 39.8 | 257.4 | .2 | 0 | 10 | 120.3 |
| Class 3 not in HCA | 53.2 | 373.6 | 0 | .1 | 12.1 | 143.1 |
| Class 4 not in HCA | 0 | .7 | 0 | 0 | 0 | 0 |
| not in HCA subTotal | *616.7* | *2048.2* | *56.7* | *127.3* | *442.4* | *1349.5* |
| Total | *922.9* | *2597.7* | *57.3* | *129.3* | *498.9* | *1526.9* |

| | | | |
|---|---|---|---|
| PT ≥ 1.25 MAOP Total | 3520.6 | Total Miles Internal Inspection ABLE | 1479.1 |
| 1.25 MAOP > PT ≥ 1.1 MAOP Total | 186.6 | Total Miles Internal Inspection NOT ABLE | 4253.9 |
| PT < 1.1 or No PT Total | 2025.8 | Grand Total | 5733 |
| Grand Total | 5733 | | |



***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.***

**PART N - PREPARER SIGNATURE**

**Charles Chang**
Preparer's Name(type or print)

**(925) 328-5727**
Telephone Number

**Gas Engineer**
Preparer's Title

**cyc8@pge.com**
Preparer's E-mail Address

**PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)**

**(925) 244-3944**
Telephone Number

**Jesus Soto**
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

**Senior Vice President**
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

**J81K@pge.com**
Senior Executive Officer's E-mail Address



***Reproduction of this form is permitted.***

# PACIFIC GAS AND ELECTRIC COMPANY

# APPENDIX D

# PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION FORM 7100.2-1, ANNUAL REPORT FOR CALENDAR YEAR 2014 NATURAL OR OTHER GAS TRANSMISSION AND GATHERING SYSTEMS – STANDARD PACIFIC GAS LINE, INC.

# (MARCH 13, 2015)

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

| U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration | **ANNUAL REPORT FOR CALENDAR YEAR 2014 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS** | **Initial Date Submitted** | |
|---|---|---|---|
| | | **Report Submission Type** | **INITIAL** |
| | | **Date Submitted** | |

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 22 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

***Important:*** *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.*

| **PART A - OPERATOR INFORMATION** | DOT USE ONLY | - |
|---|---|---|

1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)

**18608**

2. NAME OF OPERATOR:

**STANDARD PACIFIC GAS LINE INC**

IF SUBSIDIARY, NAME OF PARENT:

**PG&E Corporation**

3. RESERVED

4. HEADQUARTERS ADDRESS:

**77 BEALE STREET**
Street Address

**SAN FRANCISCO**
City

State: **CA** Zip Code: **94105**

5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP: *(Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)*

**Natural Gas**

6. CHARACTERIZE THE PIPELINES AND/OR PIPELINE FACILITIES COVERED BY THIS OPID AND COMMODITY GROUP WITH RESPECT TO COMPLIANCE WITH PHMSA'S INTEGRITY MANAGEMENT PROGRAM REGULATIONS (49 CFR 192 Subpart O).

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: *(Select one or both)*

INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. **CALIFORNIA** etc.

8. RESERVED



***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PARTs B, C, D, and E one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.***

| PART B – TRANSMISSION PIPELINE HCA MILES | |
|---|---|
| | Number of HCA Miles |
| **Onshore** | 28.6 |
| **Offshore** | 0 |
| Total Miles | 28.6 |

| PART C - VOLUME TRANSPORTED IN TRANSMISSION PIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution systems) | ☐ Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems. | |
|---|---|---|
| | **Onshore** | **Offshore** |
| Natural Gas | 79527 | |
| Propane Gas | | |
| Synthetic Gas | | |
| Hydrogen Gas | | |
| Landfill Gas | | |
| Other Gas - Name: | | |

**PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION**

| | Steel Cathodically protected | | Steel Cathodically unprotected | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Bare | Coated | Bare | Coated | Cast Iron | Wrought Iron | Plastic | Composite[1] | Other | Total Miles |
| **Transmission** | | | | | | | | | | |
| Onshore | 0 | 54.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *54.7* |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Subtotal Transmission | *0* | *54.7* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *54.7* |
| **Gathering** | | | | | | | | | | |
| Onshore Type A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Onshore Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *0* |
| Subtotal Gathering | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* |
| **Total Miles** | *0* | *54.7* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *54.7* |

[1]Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

**PART E – Reserved. Data for Part E has been merged into Part D for 2010 and 2011 Annual Reports.**



***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipelines and/or pipeline facilities included within this OPID exist. Each time these sections are completed, designate the State to which the data applies for INTRAstate pipelines and/or pipeline facilities, or that it applies to all INTERstate pipelines included within this Commodity Group and OPID.***

**PARTs F and G**

**The data reported in these PARTs for the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipelines and/or pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipelines and/or pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero applies to:** *(select only one)*

**PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION**

**INTRASTATE pipelines/pipeline facilities CALIFORNIA**

| | |
|---|---|
| **1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS** | |
| a. Corrosion or metal loss tools | 33.21 |
| b. Dent or deformation tools | 33.21 |
| c. Crack or long seam defect detection tools | 0 |
| d. Any other internal inspection tools, specify other tools: | 0 |
| 1. Internal Inspection Tools - Other | |
| e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d ) | *66.42* |
| **2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS** | |
| a. Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation. | 0 |
| b. Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | 0 |
| c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of: | 0 |
| 1. "Immediate repair conditions" [192.933(d)(1)] | 0 |
| 2. "One-year conditions" [192.933(d)(2)] | 0 |
| 3. "Monitored conditions" [192.933(d)(3)] | 0 |
| 4. Other "Scheduled conditions" [192.933(c)] | 0 |
| **3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING** | |
| a. Total mileage inspected by pressure testing in calendar year. | 0 |
| b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment. | 0 |
| c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT. | 0 |
| d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT. | 0 |
| **4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)** | |
| a. Total mileage inspected by each DA method in calendar year. | 0 |
| 1. ECDA | 0 |
| 2. ICDA | 0 |
| 3. SCCDA | 0 |
| b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | 0 |
| 1. ECDA | 0 |


***Reproduction of this form is permitted.***

| | |
|---|---|
| 2. ICDA | 0 |
| 3. SCCDA | 0 |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of: | 0 |
| 1. "Immediate repair conditions" [192.933(d)(1)] | 0 |
| 2. "One-year conditions" [192.933(d)(2)] | 0 |
| 3. "Monitored conditions" [192.933(d)(3)] | 0 |
| 4. Other "Scheduled conditions" [192.933(c)] | 0 |
| **5. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES** | |
| a. Total mileage inspected by inspection techniques other than those listed above in calendar year. | 0 |
| 1.Other Inspection Techniques | 0 |
| b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. | 0 |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of: | 0 |
| 1. "Immediate repair conditions" [192.933(d)(1)] | 0 |
| 2. "One-year conditions" [192.933(d)(2)] | 0 |
| 3. "Monitored conditions" [192.933(d)(3)] | 0 |
| 4. Other "Scheduled conditions" [192.933©] | 0 |
| **6. TOTAL MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR** | |
| a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a) | *66.42* |
| b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b) | 0 |
| c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4) | 0 |
| d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT: | |
| e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT: | |
| **PART G– MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segment miles ONLY)** | |
| a. Baseline assessment miles completed during the calendar year. | .02 |
| b. Reassessment miles completed during the calendar year. | 22.05 |
| c. Total assessment and reassessment miles completed during the calendar year. | **22.07** |


***Reproduction of this form is permitted.***

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

***For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.***

**PARTs H, I, J, K, L, M, P, Q, and R**

**The data reported in these PARTs applies to: (*select only one*)**

**INTRASTATE pipelines/pipeline facilities CALIFORNIA**

**PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Onshore** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | 0 | .7 | .5 | 3.1 | 6.5 | 0 | 4.8 | 0 | 0 |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | .7 | 26.9 | 9.6 | 0 | 1.9 | 0 | 0 | 0 | 0 |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; | | | | | | | | |
| *54.7* | Total Miles of Onshore Pipe – Transmission | | | | | | | | |
| **Offshore** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): -; -; -; -; -; -; -; -; -; | | | | | | | | |
| | Total Miles of Offshore Pipe – Transmission | | | | | | | | |

**PART I - MILES OF GATHERING PIPE BY NOMINAL PIPE SIZE (NPS)**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Onshore Type A** | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |



***Reproduction of this form is permitted.***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): | | | | | | | | |
| | Total Miles of Onshore Type A Pipe – Gathering | | | | | | | | |
| Onshore Type B | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): | | | | | | | | |
| | Total Miles of Onshore Type B Pipe – Gathering | | | | | | | | |
| Offshore | NPS 4 or less | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | | | | | | | | | |
| | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| | | | | | | | | | |
| | 40 | 42 | 44 | 46 | 48 | 52 | 56 | 58 and over | |
| | | | | | | | | | |
| | Additional Sizes and Miles (Size – Miles;): | | | | | | | | |
| | Total Miles of Offshore Pipe – Gathering | | | | | | | | |

## PART J – MILES OF PIPE BY DECADE INSTALLED

| Decade Pipe Installed | Unknown | Pre-40 | 1940 - 1949 | 1950 - 1959 | 1960 - 1969 | 1970 - 1979 |
|---|---|---|---|---|---|---|
| **Transmission** | | | | | | |
| Onshore | 0 | .1 | 13.8 | 4 | .7 | 14.8 |
| Offshore | | 0 | | | | |
| Subtotal Transmission | 0 | .1 | 13.8 | 4 | .7 | 14.8 |
| **Gathering** | | | | | | |
| Onshore Type A | | 0 | | | | |
| Onshore Type B | | 0 | | | | |
| Offshore | | 0 | | | | |
| Subtotal Gathering | | 0 | | | | |
| **Total Miles** | *0* | *.1* | *13.8* | *4* | *.7* | *14.8* |

| Decade Pipe Installed | 1980 - 1989 | 1990 - 1999 | 2000 - 2009 | 2010 - 2019 | | Total Miles |
|---|---|---|---|---|---|---|
| **Transmission** | | | | | | |
| Onshore | 6.2 | 14.7 | .3 | .2 | | *54.8* |
| Offshore | | | | | | *0* |
| Subtotal Transmission | 6.2 | 14.7 | .3 | .2 | | *54.8* |



***Reproduction of this form is permitted.***

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

| Gathering | | | | | | |
|---|---|---|---|---|---|---|
| Onshore Type A | | | | | | 0 |
| Onshore Type B | | | | | | 0 |
| Offshore | | | | | | 0 |
| Subtotal Gathering | | | | | | 0 |
| **Total Miles** | 6.2 | 14.7 | .3 | .2 | | 54.8 |

## PART K- MILES OF TRANSMISSION PIPE BY SPECIFIED MINIMUM YIELD STRENGTH

| ONSHORE | CLASS LOCATION | | | | Total Miles |
|---|---|---|---|---|---|
| | Class I | Class 2 | Class 3 | Class 4 | |
| **Steel pipe Less than 20% SMYS** | .3 | 0 | .6 | 0 | .9 |
| **Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS** | 12.3 | 1.8 | 11.2 | 0 | 25.3 |
| **Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS** | 9.7 | .6 | 6.8 | 0 | 17.1 |
| **Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS** | .1 | .2 | 11.1 | 0 | 11.4 |
| **Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Greater than 80% SMYS** | 0 | 0 | 0 | 0 | 0 |
| **Steel pipe Unknown percent of SMYS** | 0 | 0 | 0 | 0 | 0 |
| **All Non-Steel pipe** | 0 | 0 | 0 | 0 | 0 |
| **Onshore Totals** | 22.4 | 2.6 | 29.7 | 0 | 54.7 |
| **OFFSHORE** | Class I | | | | |
| **Less than or equal to 50% SMYS** | | | | | |
| **Greater than 50% SMYS but less than or equal to 72% SMYS** | | | | | |
| **Steel pipe Greater than 72% SMYS** | | | | | |
| **Steel Pipe Unknown percent of SMYS** | | | | | |
| **All non-steel pipe** | | | | | |
| **Offshore Total** | | | | | |
| **Total Miles** | 22.4 | | | | 54.7 |

## PART L - MILES OF PIPE BY CLASS LOCATION

| | Class Location | | | | Total Class Location Miles | HCA Miles in the IMP Program |
|---|---|---|---|---|---|---|
| | Class I | Class 2 | Class 3 | Class 4 | | |
| **Transmission** | | | | | | |
| Onshore | 22.4 | 2.6 | 29.7 | 0 | 54.7 | 28.6 |
| Offshore | 0 | 0 | 0 | 0 | 0 | |
| Subtotal Transmission | 22.4 | 2.6 | 29.7 | 0 | 54.7 | |



*Reproduction of this form is permitted.*

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

| Gathering | | | | | | |
|---|---|---|---|---|---|---|
| Onshore Type A | | | | | | |
| Onshore Type B | | | | | | |
| Offshore | | | | | | |
| Subtotal Gathering | | | | | | |
| **Total Miles** | 22.4 | 2.6 | 29.7 | 0 | 54.7 | *28.6* |

## PART M – FAILURES, LEAKS, AND REPAIRS

### PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

| Cause | Transmission Leaks, and Failures | | | | | Gathering Leaks | | |
|---|---|---|---|---|---|---|---|---|
| | Leaks | | | | Failures in HCA Segments | Onshore Leaks | | Offshore Leaks |
| | Onshore Leaks | | Offshore Leaks | | | | | |
| | HCA | Non-HCA | HCA | Non-HCA | | Type A | Type B | |
| External Corrosion | 0 | 0 | 0 | 0 | 0 | | | |
| Internal Corrosion | 0 | 0 | 0 | 0 | 0 | | | |
| Stress Corrosion Cracking | 0 | 0 | 0 | 0 | 0 | | | |
| Manufacturing | 0 | 0 | 0 | 0 | 0 | | | |
| Construction | 0 | 0 | 0 | 0 | 0 | | | |
| Equipment | 0 | 0 | 0 | 0 | 0 | | | |
| Incorrect Operations | 0 | 0 | 0 | 0 | 0 | | | |
| **Third Party Damage/Mechanical Damage** | | | | | | | | |
| Excavation Damage | 0 | 0 | 0 | 0 | 0 | | | |
| Previous Damage (due to Excavation Activity) | 0 | 0 | 0 | 0 | 0 | | | |
| Vandalism (includes all Intentional Damage) | 0 | 0 | 0 | 0 | 0 | | | |
| **Weather Related/Other Outside Force** | | | | | | | | |
| Natural Force Damage (all) | 0 | 0 | 0 | 0 | 0 | | | |
| Other Outside Force Damage (excluding Vandalism and all Intentional Damage) | 0 | 0 | 0 | 0 | 0 | | | |
| Other | 0 | 0 | 0 | 0 | 1 | | | |
| Total | *0* | *0* | *0* | *0* | *1* | | | |

### PART M2 – KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

| Transmission | | Gathering | |
|---|---|---|---|

### PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

| Transmission | | Gathering | |
|---|---|---|---|
| Onshore | | Onshore Type A | |
| | | Onshore Type B | |
| OCS | | OCS | |
| Subtotal Transmission | | Subtotal Gathering | |
| Total | | | |



*Reproduction of this form is permitted.*

## PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS

| | Steel Cathodically protected | | Steel Cathodically unprotected | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Bare | Coated | Bare | Coated | Cast Iron | Wrought Iron | Plastic | Composite[1] | Other[2] | Total Miles |
| **Transmission** | | | | | | | | | | |
| Onshore | 0 | 54.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.7 |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal Transmission | 0 | 54.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.7 |
| **Gathering** | | | | | | | | | | |
| Onshore Type A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Onshore Type B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Offshore | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Subtotal Gathering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Miles** | 0 | 54.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.7 |

[1]Use of Composite pipe requires PHMSA Special Permit or waiver from a State
[2]specify Other material(s):

## Part Q - Gas Transmission Miles by §192.619 MAOP Determination Method

| | (a)(1) Total | (a)(1) Incomplete Records | (a)(2) Total | (a)(2) Incomplete Records | (a)(3) Total | (a)(3) Incomplete Records | (a)(4) Total | (a)(4) Incomplete Records | (c) Total | (c) Incomplete Records | (d) Total | (d) Incomplete Records | Other[1] Total | Other Incomplete Records |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class 1 (in HCA) | 0 | 0 | .3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 1 (not in HCA) | 13.5 | | 8.7 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Class 2 (in HCA) | .2 | 0 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 2 (not in HCA) | .3 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Class 3 (in HCA) | .2 | 0 | 26.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 3 (not in HCA) | .1 | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 4 (in HCA) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Class 4 (not in HCA) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 14.3 | 0 | 40.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | | | | | | | | 54.9 | | | | | | |
| Sum of Total row for all "Incomplete Records" columns | | | | | | | | 0 | | | | | | |

[1]Specify Other method(s):

| | | | |
|---|---|---|---|
| Class 1 (in HCA) | | Class 1 (not in HCA) | |
| Class 2 (in HCA) | | Class 2 (not in HCA) | |
| Class 3 (in HCA) | | Class 3 (not in HCA) | |
| Class 4 (in HCA) | | Class 4 (not in HCA) | |



***Reproduction of this form is permitted.***

Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed $100,000 for each violation for each day the violation continues up to a maximum of $1,000,000 as provided in 49 USC 60122.

Form Approved
OMB No. 2137-0522
Expires: 10/31/2016

**Part R – Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection**

| | PT ≥ 1.25 MAOP | | 1.25 MAOP > PT ≥ 1.1 MAOP | | PT < 1.1 or No PT | |
|---|---|---|---|---|---|---|
| Location | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE | Miles Internal Inspection ABLE | Miles Internal Inspection NOT ABLE |
| Class 1 in HCA | .2 | 0 | 0 | 0 | 0 | 0 |
| Class 2 in HCA | .7 | .5 | 0 | 0 | 0 | .2 |
| Class 3 in HCA | 21.7 | 5.2 | 0 | 0 | 0 | .2 |
| Class 4 in HCA | 0 | 0 | 0 | 0 | 0 | 0 |
| in HCA subTotal | *22.6* | *5.7* | *0* | *0* | *0* | *.4* |
| Class 1 not in HCA | 8.1 | .6 | 0 | 0 | 0 | 13.5 |
| Class 2 not in HCA | .6 | .4 | 0 | 0 | 0 | .3 |
| Class 3 not in HCA | 2 | .6 | 0 | 0 | 0 | .1 |
| Class 4 not in HCA | 0 | 0 | 0 | 0 | 0 | 0 |
| not in HCA subTotal | *10.7* | *1.6* | *0* | *0* | *0* | *13.9* |
| Total | *33.3* | *7.3* | *0* | *0* | *0* | *14.3* |

| | | | |
|---|---|---|---|
| PT ≥ 1.25 MAOP Total | 40.6 | Total Miles Internal Inspection ABLE | 33.3 |
| 1.25 MAOP > PT ≥ 1.1 MAOP Total | 0 | Total Miles Internal Inspection NOT ABLE | 21.6 |
| PT < 1.1 or No PT Total | 14.3 | Grand Total | 54.9 |
| Grand Total | 54.9 | | |



***Reproduction of this form is permitted.***

***For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.***

**PART N - PREPARER SIGNATURE**

**Charles Chang**
Preparer's Name(type or print)

**(925) 328-5727**
Telephone Number

**Gas Engineer**
Preparer's Title

**cyc8@pge.com**
Preparer's E-mail Address

**PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)**

**(925) 244-3944**
Telephone Number

**Jesus Soto**
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

**Senior Vice President**
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)

**J81K@pge.com**
Senior Executive Officer's E-mail Address



***Reproduction of this form is permitted.***