Commission Order Instituting Investigation
Into the Rates, Charges, Services, and
Practices of Pacific Gas \& Electric
Company
U 39 M

Order Instituting Rulemaking for Electric Distribution Facility Standard Setting.

U 39 G
I.95-02-015
(Filed February 22, 1995)
R.96-11-004
(Filed November 6, 1996)

# PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008 AND <br> ANNUAL COMPLIANCE REPORT FOR 2006 SUBMITTED PURSUANT TO CPUC DECISION 97-03-070 

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Dated: July 2, 2007

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA 

Commission Order Instituting Investigation Into the Rates, Charges, Services, and Practices of Pacific Gas \& Electric Company

U 39 M

Order Instituting Rulemaking for Electric Distribution Facility Standard Setting.
I.95-02-015
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(Filed November 6, 1996)

# PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008 AND ANNUAL COMPLIANCE REPORT FOR 2006 SUBMITTED PURSUANT TO CPUC DECISION 97-03-070 

Pursuant to Commission direction, Pacific Gas and Electric Company submits its annual compliance plan and compliance report under Commission Decision No. 97-03-070.

Respectfully Submitted,
CHARLES R. LEWIS, IV MICHELLE L. WILSON

By: $\frac{/ \mathrm{s} /}{\text { CHARLES R. LEWIS, IV }}$
Pacific Gas and Electric Company
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E-Mail: CRL2@pge.com
Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY
Dated: July 2, 2007

## VERIFICATION

I the undersigned, say:
I am an officer of PACIFIC GAS AND ELECTRIC COMPANY, a corporation, and am authorized to make this verification for an on behalf of said corporation, and I make this verification for the following reason: I have read the foregoing "PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008 AND ANNUAL COMPLIANCE REPORT FOR 2006 SUBMITTED PURSUANT TO CPUC DECISION NO. 97-03-070" and I am informed and believe the matters therein are true and on that ground I allege that the matters stated therein are true.

I declare under penalty of perjury that the foregoing is true and correct.
Executed at San Francisco, California, this 2nd day of July 2007.
/s/
BRIAN K. CHERRY
Vice President
Regulatory Relations

## CERTIFICATE OF SERVICE

I, the undersigned, state that I am a citizen of the United States and am employed in the City and County of San Francisco; that I am over the age of eighteen (18) years and not a party to the within cause; and that my business address is 77 Beale Street, San Francisco, California 94105. I am readily familiar with the business practice of Pacific Gas and Electric Company for collection and processing of correspondence for mailing with the United States Postal Service. In the ordinary course of business, correspondence is deposited with the United States Postal Service the same day it is submitted for mailing.

On July 2, 2007, I served a true copy of:

# PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008 AND ANNUAL <br> COMPLIANCE REPORT FOR 2006 SUBMITTED PURSUANT TO CPUC DECISION 97-03-070 

[XX] By Electronic Mail serving the enclosed via e mail transmission to all parties on the official service list for CPUC Docket R.96-11-004, that have provided e mail addresses.
[XX] By First Class Mail serving the enclosed via US mail on all parties on the official service list for CPUC Docket R.96-11-004 where electronic service cannot be effectuated.

I certify and declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on the 2nd day of July 2007.

07-02-07
04:59 PM

## PACIFIC GAS \& ELECTRIC COMPANY

GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008
AND ANNUAL COMPLIANCE REPORT FOR 2006 SUBMITTED PURSUANT TO CPUC DECISION NO. 97-03-070

July 1, 2006

## Table of Contents

GENERAL ORDER 165 COMPLIANCE PLAN FOR 2008 AND ANNUAL COMPLIANCE REPORT FOR 2006
A. APPENDIX A ..... A-1
I. MAINTENANCE PROGRAM OVERVIEW ..... A-1
II. PATROLS SCHEDULED ..... A-3
A. OVERHEAD FACILITIES: ..... A-3
B. UNDERGROUND FACILITIES: ..... A-4
III. DETAILED INSPECTIONS SCHEDULED ..... A-5
A. OVERHEAD FACILITIES: ..... A-5
B. UNDERGROUND FACILITIES: ..... A-6
IV. INTRUSIVE INSPECTIONS SCHEDULED ..... A-7
B. APPENDIX B ..... B-1
I. MAINTENANCE PROGRAM OVERVIEW ..... B-1
II. PATROLS ..... B-3
A. OVERHEAD AND UNDERGROUND FACILITIES: ..... B-3
III. DETAILED INSPECTIONS ..... B-5
A. OVERHEAD AND UNDERGROUND FACILITIES: ..... B-5
IV. EQUIPMENT CONDITIONS ..... B-7
A. CONDITIONS REPORTED IN 2006: ..... B-8
B. CORRECTIVE ACTION SCHEDULED FOR 2006: ..... B-20
C. CORRECTIVE ACTION SCHEDULED FOR 2007: ..... B-26
D. CORRECTIVE ACTION SCHEDULED FOR 2008: ..... B-33
E. CORRECTIVE ACTION SCHEDULED FOR 2009: ..... B-40
F. CORRECTIVE ACTION SCHEDULED FOR 2010: ..... B-47
V. WOOD POLES ..... B-48
A. INTRUSIVE INSPECTIONS: ..... B-48
B. IDENTIFIED CONDITIONS, WOOD POLES, IN 2006: ..... B-49
C. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2006: ..... B-50
D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: ..... B-51

# PACIFIC GAS \& ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2007 AND ANNUAL COMPLIANCE REPORT FOR 2005 

Pursuant to Appendix A, Section IV of the California Public Utilities Commission's (Commission) General Order (G.O.) 165, adopted in Decision No. (D.) 97-03-070, Pacific Gas \& Electric Company (PG\&E) submits its Compliance Plan for distribution facilities inspection activities in 2008 (attached as Appendix A), which describes how PG\&E intends to comply in 2008 with the requirements set forth in G.O. 165. While events in the field may cause variations in the quarterly schedules for system patrols and inspections, this plan sets forth the anticipated activities PG\&E will undertake to comply with G.O. 165.

The numbers of distribution facilities (overhead and underground) referred to in this Report are based on estimates. These estimates are derived from a facility census adjusted for additions to or retirements from utility plant. This census is developed by counting the number of poles and enclosures on electric distribution facilities maps, which are used to conduct PG\&E's patrols and inspections. However, PG\&E's overhead and underground electric system is both complex and dynamic; equipment quantities and system configurations change continually. These changes can include the addition or removal of equipment to accommodate new customer connections and load growth, requests from customers and local governmental agencies to relocate facilities, the sale or acquisition of existing distribution systems, and the retirement of plant.

Also, attached is PG\&E's Annual Report which details the Company's compliance with the General Order in 2006 (Appendix B). This report identifies the number of facilities, by type, which have been inspected during the preceding year.

As required by G.O. 165, Appendix B identifies any facilities which were scheduled for inspection but which were not inspected as scheduled and both explains why the inspections were not conducted and a date certain by which the required inspection will be completed. As detailed in Appendix B, $99.89 \%$ of 1,241,886 poles which required patrols were completed, and $99.78 \%$ of 213,362 enclosures which required patrols were completed by December 31, 2006. 1,360 or $0.11 \%$ poles which required patrols, and 467 or $0.22 \%$ enclosures which required patrols were not completed by December 31, 2006. $99.96 \%$ of 465,319 poles which required inspections were completed, and $99.96 \%$ of 115,545 enclosures which required inspection were completed by December 31, 2006. 209 or $0.04 \%$ poles which required inspections were not completed by December 31, 2006. 46 or $0.04 \%$ enclosures which required inspections were not completed by December 31, 2006. Appendix B also presents the total and a breakdown by percentage of electric distribution facilities including those electric distribution facilities identified as requiring corrective action, for each condition rating level. Electric distribution facilities are further classified into five equipment facility types (1) Transformers, (2) Switches \& Disconnects, (3) Protective Devices, (4) Voltage Regulation, and (5) Conductor \& Cable) and the Pole facility type. As required by G.O. 165, Appendix B identifies those facilities which were scheduled for corrective action but which were not corrected as scheduled and both explains why the corrective action were not conducted and a date certain by which the required corrective action will be completed. As detailed in Appendix B, $99.91 \%$ of 50,024 equipment conditions, and $99.51 \%$ of pole conditions scheduled for corrective action in 2006, where completed by December 31, 2006. 43 or $0.09 \%$ equipment conditions, and 45 or $0.49 \%$ pole conditions were not corrected by December 31, 2006.

The information in Appendix A and Appendix B is aggregated into Districts (Divisions) as indicated on the following legend of Districts (Divisions), which are abbreviated throughout this Report:

| Abbreviation | District (Division) |
| :---: | :---: |
| PN | Peninsula Division |
| SF | San Francisco Division |
| DI | Diablo Division |
| EB | East Bay Division |
| MI | Mission Division |
| CC | Central Coast Division |
| DA | DeAnza Division |
| SJ | San Jose Division |
| FR | Fresno Division |
| KE | Kern Division |
| LP | Los Padres Division |
| ST | Stockton Division |
| YO | Yosemite Division |
| NV | North Valley Division |
| SA | Sacramento Division |
| SI | Sierra Division |
| NB | North Bay Division |
| NC | North Coast Division |

## APPENDIX A

## 2008 COMPLIANCE PLAN

## I. MAINTENANCE PROGRAM OVERVIEW

Patrols and inspections will be performed in the course of company business by qualified personnel. The Qualified Company Representatives ("QCR") performing patrols, and inspections, are uniquely qualified by training and experience. Typically a QCR performing patrols and inspections have over 10 years of electric distribution lineman experience, and over 20 years of experience in electric distribution construction.

The primary lines patrolled and inspected are documented on electric facilities maps. Progress reports will be prepared by operating areas indicating the number of overhead poles and the number of underground enclosures patrolled and inspected.

At individual locations where, in the opinion of the QCR, abnormal conditions warrant maintenance activity, the highest priority condition(s) shall be graded and entered into a computerized maintenance system. This system generates a unique Electric Preventive Corrective Maintenance ("EPCM") notification record, with the corresponding highest priority condition, which allows for the efficient tracking of activities based on work priorities. EPCM notifications are scheduled for correction in accordance with PG\&E's Electric Distribution Preventive Maintenance Manual. In all cases, when the utility repair crew responds to a corrective action call, that crew must, within the limitations of its equipment and time, perform all required maintenance at the locations impacting safety and reliability of the electric distribution facility or electric distribution system. Thus, if the crew responds to a tag for a split cross-arm, that crew must also
replace the missing "high voltage" sign or tighten the slack down guy or whatever additional work impacting safety and reliability of the electric distribution facility or electric distribution system. If the responding crew for this location finds that the pole itself is weak or that a transformer needs to be replaced, the crew will ensure that a new work tag is prepared so that that work can be properly scheduled.

## II. PATROLS SCHEDULED

The following tables identify estimated quarterly patrols for both overhead and underground facilities. These estimates are subject to events in the field which may cause variations; the planned results by the end of the one-year cycle for urban facilities and two-year cycle for rural facilities are anticipated to meet the requirements of G.O. 165. Electric distribution facilities inspected in 2008 will not be patrolled, as a patrol is an integral part of an inspection.

## A. OVERHEAD FACILITIES:

| Number of <br> Poles by <br> Area/Division |  | Jan-Mar | Apr-Jun | Jul-Sept | Oct-Dec | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $$ | PN | 46,427 | 0 | 0 | 0 | 46,427 |
|  | SF | 1,500 | 1,500 | 18,000 | 6,212 | 27,212 |
| $\begin{aligned} & \text { N } \\ & \frac{1}{4} \\ & \frac{y}{4} \end{aligned}$ | DI | 10,000 | 10,000 | 12,000 | 10,728 | 42,728 |
|  | EB | 24,477 | 0 | 0 | 24,477 | 48,954 |
|  | MI | 12,000 | 9,000 | 9,000 | 22,122 | 52,122 |
| $\begin{aligned} & \text { m } \\ & \frac{2}{y} \\ & \frac{y}{4} \end{aligned}$ | CC | 0 | 40,000 | 20,000 | 33,069 | 93,069 |
|  | DA | 30,203 | 1,809 | 2,590 | 3,939 | 38,541 |
|  | SJ | 14,109 | 14,108 | 14,108 | 7,054 | 49,379 |
| $$ | FR | 29,935 | 49,394 | 22,451 | 47,899 | 149,679 |
|  | KE | 8,000 | 32,000 | 31,827 | 5,000 | 76,827 |
|  | LP | 15,365 | 15,365 | 0 | 30,731 | 61,461 |
| $\begin{array}{\|l\|} \hline n \\ \text { 苞 } \\ \hline \end{array}$ | ST | 12,000 | 48,000 | 14,243 | 14,242 | 88,485 |
|  | YO | 28,150 | 28,150 | 28,150 | 28,151 | 112,601 |
| $\begin{aligned} & 0 \\ & \frac{0}{4} \\ & \frac{y}{4} \end{aligned}$ | NV | 23,017 | 34,046 | 35,000 | 23,016 | 115,079 |
|  | SA | 5,000 | 34,000 | 9,393 | 9,392 | 57,785 |
|  | SI | 30,000 | 17,554 | 17,554 | 30,000 | 95,108 |
| $\begin{array}{\|l\|} \hline \text { N } \\ \text { 采 } \\ \hline \end{array}$ | NB | 14,020 | 14,020 | 14,020 | 14,020 | 56,080 |
|  | NC | 50,122 | 14,250 | 14,250 | 48,122 | 126,743 |
|  | TOTAL | 354,325 | 363,196 | 262,586 | 358,174 | 1,338,280 |

## B. UNDERGROUND FACILITIES:

| Number of Enclosures by Area/Division |  |
| :---: | :---: |
| $\begin{aligned} & \vec{y} \\ & \substack{2 \\ \alpha \\ \hline} \end{aligned}$ | PN |
|  | SF |
| 芹 | DI |
|  | EB |
|  | MI |
| $\begin{gathered} \substack{4 \\ 4 \\ 4 \\ 4 \\ \hline} \end{gathered}$ | CC |
|  | DA |
|  | SJ |
|  | FR |
|  | KE |
|  | LP |
| $\begin{aligned} & n \\ & \substack{n \\ \\ \hline \\ \hline} \end{aligned}$ | ST |
|  | YO |
| $\begin{gathered} \stackrel{0}{y} \\ \stackrel{y}{4} \\ \hline \end{gathered}$ | NV |
|  | SA |
|  | SI |
|  | NB |
|  | NC |

TOTAL

| Jan-Mar | Apr-Jun | Jul-Sept | Oct-Dec |
| ---: | ---: | ---: | ---: |
| 8,259 | 0 | 0 | 0 |
| 1,500 | 1,500 | 4,200 | 1,831 |
| 4,000 | 5,000 | 6,000 | 4,531 |
| 4,146 | 0 | 0 | 4,145 |
| 6,000 | 4,000 | 4,000 | 10,693 |
| 1,500 | 3,000 | 3,000 | 3,882 |
| 8,598 | 545 | 0 | 0 |
| 5,384 | 5,384 | 5,384 | 2,693 |
| 10,416 | 3,664 | 387 | 4,822 |
| 709 | 4,500 | 4,500 | 0 |
| 6,279 | 0 | 0 |  |
| 1,500 | 2,800 | 3,800 | 3,132 |
| 1,954 | 1,954 | 1,954 | 1,954 |
| 1,178 | 1,634 | 1,900 | 1,178 |
| 5,000 | 2,600 | 2,600 | 2,401 |
| 2,244 | 2,244 | 2,244 | 2,242 |
| 2,361 | 2,361 | 2,361 | 2,361 |
| 3,061 | 2,649 | 2,650 | 3,361 |


| Total |
| ---: | ---: |
| 8,259 |
| 9,031 |
| 19,531 |
| 8,291 |
| 24,693 |
| 11,382 |
| 9,143 |
| 18,845 |
| 19,289 |
| 9,709 |
| 6,279 |
| 11,232 |
| 7,816 |
| 5,890 |
| 12,601 |
| 8,974 |
| 9,444 |
| 11,721 |
| 212,130 |

## III. DETAILED INSPECTIONS SCHEDULED

The following tables identify estimated quarterly detailed inspections for both overhead and underground facilities. These estimates are subject to events in the field which may cause variations; the planned results by the end of the five-year cycle for overhead facilities and three-year cycle for underground facilities are anticipated to meet the requirements of G.O. 165.

## A. OVERHEAD ${ }^{1}$ FACILITIES:

| Number of <br> Poles by <br> Area/Division |  | Jan-Mar | Apr-Jun | Jul-Sept | Oct-Dec | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $$ | PN | 1,500 | 5,800 | 5,800 | 638 | 13,738 |
|  | SF | 3,100 | 3,298 | 0 | 0 | 6,398 |
| $\begin{aligned} & \text { N } \\ & \underset{4}{4} \\ & \underset{4}{4} \end{aligned}$ | DI | 3,000 | 3,500 | 3,500 | 2,571 | 12,571 |
|  | EB | 0 | 4,984 | 4,983 | 0 | 9,967 |
|  | MI | 1,000 | 1,600 | 1,600 | 935 | 5,135 |
| $\begin{aligned} & \text { m } \\ & \frac{2}{4} \\ & \frac{y}{4} \\ & \hline \end{aligned}$ | CC | 0 | 3,000 | 15,000 | 7,084 | 25,084 |
|  | DA | 0 | 4,768 | 4,883 | 0 | 9,651 |
|  | SJ | 3,111 | 3,110 | 3,110 | 1,556 | 10,887 |
| $\begin{aligned} & \underset{4}{4} \\ & \frac{y}{4} \\ & \frac{\widetilde{4}}{} \end{aligned}$ | FR | 7,848 | 16,189 | 18,640 | 6,377 | 49,054 |
|  | KE | 5,000 | 15,000 | 5,000 | 1,496 | 26,496 |
|  | LP | 0 | 20,341 | 0 | 0 | 20,341 |
| $\begin{array}{\|l\|} \hline n \\ \text { n } \\ \text { y } \\ \hline \end{array}$ | ST | 3,800 | 15,000 | 10,000 | 5,241 | 34,041 |
|  | YO | 9,576 | 13,575 | 13,578 | 9,576 | 46,305 |
| $\begin{array}{\|l\|l\|} \hline 0 \\ \frac{0}{4} \\ \frac{y}{4} \\ \hline \end{array}$ | NV | 8,316 | 13,000 | 11,944 | 8,316 | 41,576 |
|  | SA | 1,000 | 6,061 | 6,059 | 6,059 | 19,179 |
|  | SI | 13,000 | 15,000 | 12,000 | 842 | 40,842 |
| $\begin{array}{\|l\|} \hline \text { N } \\ \text { N } \\ \text { N } \\ \hline \end{array}$ | NB | 4,699 | 4,699 | 4,699 | 4,699 | 18,796 |
|  | NC | 10,700 | 12,344 | 12,344 | 6,344 | 41,732 |
|  | TOTAL | 75,650 | 161,269 | 133,140 | 61,734 | 431,793 |

[^0]
## B. UNDERGROUND ${ }^{2}$ FACILITIES:

| Number of Enclosures by Area/Division |  |
| :---: | :---: |
| $\begin{aligned} & \overrightarrow{4} \\ & \frac{1}{2} \\ & \frac{\alpha}{4} \end{aligned}$ | PN |
|  | SF |
| $\begin{aligned} & \text { N } \\ & \substack{1 \\ \\ \hline} \end{aligned}$ | DI |
|  | EB |
|  | MI |
| $\begin{gathered} \text { m } \\ \substack{1 \\ \text { N } \\ \hline} \end{gathered}$ | CC |
|  | DA |
|  | SJ |
|  | FR |
|  | KE |
|  | LP |
| $\begin{aligned} & n \\ & \substack{n \\ \\ \\ \hline} \end{aligned}$ | ST |
|  | YO |
| $\begin{aligned} & \stackrel{0}{4} \\ & \stackrel{y}{\alpha} \\ & \hline \end{aligned}$ | NV |
|  | SA |
|  | SI |
| $\begin{aligned} & \text { n } \\ & \substack{1 \\ 4 \\ 4 \\ \hline} \end{aligned}$ | NB |
|  | NC |

TOTAL

| Jan-Mar | Apr-Jun | Jul-Sept | Oct-Dec |
| ---: | ---: | ---: | ---: |
| 360 | 2,550 | 2,550 | 1,178 |
| 1,500 | 1,500 | 1,453 | 0 |
| 2,500 | 3,000 | 2,500 | 1,380 |
| 0 | 1,984 | 1,984 | 0 |
| 2,920 | 3,900 | 3,900 | 2,000 |
| 2,500 | 2,500 | 89 | 0 |
| 107 | 1,618 | 1,558 | 1,023 |
| 2,040 | 2,040 | 2,040 | 1,020 |
| 1,319 | 1,941 | 1,864 | 2,640 |
| 2,000 | 2,500 | 837 | 0 |
| 0 | 0 | 3,516 | 1,757 |
| 1,943 | 2,000 | 2,000 | 1,831 |
| 763 | 763 | 763 | 763 |
| 709 | 1,100 | 1,029 | 709 |
| 2,790 | 1,450 | 1,450 | 1,000 |
| 597 | 2,000 | 2,000 | 2,000 |
| 1,265 | 1,265 | 1,265 | 1,265 |
| 1,450 | 2,249 | 2,249 | 1,450 |

$\begin{array}{llll}\mathbf{2 4 , 7 6 3} & \mathbf{3 4 , 3 6 0} & \mathbf{3 3 , 0 4 7} & \mathbf{2 0 , 0 1 6}\end{array}$

| Total |
| ---: |
| 6,638 |
| 4,453 |
| 9,380 |
| 3,968 |
| 12,720 |
| 5,089 |
| 4,306 |
| 7,140 |
| 7,764 |
| 5,337 |
| 5,273 |
| 7,774 |
| 3,052 |
| 3,547 |
| 6,690 |
| 6,597 |
| 5,060 |
| 7,398 |

112,186

[^1]
## IV. INTRUSIVE INSPECTIONS SCHEDULED

PG\&E plans to test and treat a total of approximately 235,000 poles in 2008. PG\&E began the pole test and treat program in 1994, with the aim of testing and treating each wooden distribution pole over 15 years old, every 10 years. In 1998, PG\&E matched up the 10-year plan to coincide with the requirements set forth in General Order 165. As such, the first cycle of the 10-year program is scheduled to be completed at the end of 2007.

There where approximately 35,000 poles that were inaccessible in the field during the initial visits over the past years. In addition to the locations planned for a given year, PG\&E will follow-up on the remaining inaccessible locations, working with individual customers and communities to gain access and perform a wood pole test and treat by the end of 2007.

The table below has been updated to coincide with the 10 -year cycle starting in 1998. Number of poles completed includes all pole locations tested annually, and may include overlaps on certain areas.

| Program Progress By Year |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Year | No. of Poles Completed | No. of Poles Planned |
| Yearly Cycle | 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 | $\begin{aligned} & 276,935 \\ & 251,559 \\ & 200,774 \\ & 215,004 \\ & 269,676 \\ & 200,115 \\ & 259,845 \\ & 238,363 \\ & 208,778 \end{aligned}$ | $\begin{aligned} & 234,715 \\ & 235,000 \end{aligned}$ |

## APPENDIX B

## 2006 ANNUAL REPORT

## I. MAINTENANCE PROGRAM OVERVIEW

Patrols and inspections will be performed in the course of company business by qualified personnel. The Qualified Company Representatives ("QCR") performing patrols, and inspections, are uniquely qualified by training and experience. Typically a QCR performing patrols and inspections have over 10 years of electric distribution lineman experience, and over 20 years of experience in electric distribution construction.

The primary lines patrolled and inspected are documented on electric facilities maps. Progress reports will be prepared by operating areas indicating the number of overhead poles and the number of underground enclosures patrolled and inspected.

At individual locations where, in the opinion of the QCR, abnormal conditions warrant maintenance activity, the highest priority condition(s) shall be graded and entered into a computerized maintenance system. This system generates a unique Electric Preventive Corrective Maintenance ("EPCM") notification record, with the corresponding highest priority condition, which allows for the efficient tracking of activities based on work priorities. EPCM notifications are scheduled for correction in accordance with PG\&E's Electric Distribution Preventive Maintenance Manual. In all cases, when the utility repair crew responds to a corrective action call, that crew must, within the limitations of its equipment and time, perform all required maintenance at the locations impacting safety and reliability of the electric distribution facility or electric distribution system. Thus, if the crew responds to a tag for a split cross-arm, that crew must also replace the missing "high voltage" sign or tighten the slack down guy or whatever additional work impacting safety and reliability of the electric
distribution facility or electric distribution system. If the responding crew for this location finds that the pole itself is weak or that a transformer needs to be replaced, the crew will ensure that a new work tag is prepared so that that work can be properly scheduled.

## II. PATROLS

## A. OVERHEAD AND UNDERGROUND FACILITIES:

The original patrol plan for poles and enclosures in 2006 was based on an estimate ${ }^{3}$ of poles and enclosures to be patrolled in 2006. The actual number of poles and enclosures patrolled in 2006 is reflected in the table below.

We completed $99.8 \%$ of the poles and $99.78 \%$ of the enclosures. However, the following poles requiring patrols were not completed by December 31, 2006. In Mission Division, 45 overhead scheduled poles and 56 underground enclosures were not completed due to an administrative oversight. The patrols were completed by March 8, 2007. In North Bay Division 1,315 overhead patrols and 411 underground patrols were not completed due to end of year storm activity and mutual response (PG\&E provided mutual aid to other utilities). The patrols were completed by January 4, 2007.

The remaining difference between the number planned and the number patrolled reflects an over or under estimation in the planning process of the number of poles and enclosures requiring patrols. This difference is based primarily by fluctuating facilities because of new business, under grounding, and maps shifting between rural and urban classification; and re-routed inspections in 2004 and 2005 to gain efficiencies in future year inspections and patrols.

[^2]| Division |  | OVERHEAD |  |  | UNDERGROUND |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | No. of Poles Planned for Patrol | No. of Poles Patrolled | Difference Between No. Planned and Patrolled | No. of Enclosures Planned for Patrol | No. of Enclosures Patrolled | Difference Between No. Planned and Patrolled |
| $\begin{array}{\|l\|} \hline \frac{1}{x} \\ \underline{y} \\ \end{array}$ | PN | 39,753 | 42,098 | 2,345 | 8,523 | 9,369 | 846 |
|  | SF | 26,800 | 26,510 | -290 | 7,853 | 8,258 | 405 |
| $\begin{array}{\|l\|l\|} \stackrel{N}{4} \\ \underset{y}{4} \end{array}$ | DI | 42,941 | 43,819 | 878 | 18,970 | 19,405 | 435 |
|  | EB | 47,627 | 47,195 | -432 | 8,168 | 8,390 | 222 |
|  | MI | 45,433 | 45,199 | -234 | 24,668 | 25,137 | 469 |
| $\begin{array}{\|l\|l} \substack{2 \\ \cline { 1 - 1 } \\ \\ \hline} \end{array}$ | CC | 78,122 | 77,638 | -484 | 10,100 | 10,490 | 390 |
|  | DA | 37,092 | 37,000 | -92 | 8,395 | 8,549 | 154 |
|  | SJ | 47,036 | 45,959 | -1,077 | 19,871 | 18,047 | -1,824 |
| $\begin{aligned} & \underset{y}{t} \\ & \stackrel{y}{4} \\ & \frac{4}{4} \end{aligned}$ | FR | 124,282 | 123,845 | -437 | 15,457 | 16,691 | 1,234 |
|  | KE | 73,372 | 71,230 | -2,142 | 10,040 | 11,400 | 1,360 |
|  | LP | 49,305 | 51,685 | 2380 | 8,496 | 9,149 | 653 |
| $\begin{array}{\|l} \hline n \\ \frac{n}{4} \\ 4 \end{array}$ | ST | 62,000 | 88,426 | 26,426 | 10,527 | 12,145 | 1,618 |
|  | YO | 122,918 | 115,557 | -7,361 | 5,953 | 6,986 | 1,033 |
|  | NV | 116,259 | 116,565 | 306 | 5,907 | 6,250 | 343 |
|  | SA | 62,472 | 57,565 | -4907 | 10,574 | 12,785 | 2,211 |
|  | SI | 53,926 | 57,798 | 3,872 | 7,889 | 8,604 | 715 |
| 旡 | NB | 61,723 | 59,736 | -1987 | 8,796 | 8,663 | -133 |
|  | NC | 141,619 | 132,701 | -8,918 | 12,097 | 12,577 | 480 |
| TOTA |  |  |  |  |  |  |  |
|  |  | 1,232,680 | 1,240,526 | N/A | 202,284 | 212,895 | N/A |

## III. DETAILED INSPECTIONS

## A. OVERHEAD AND UNDERGROUND FACILITIES:

Overhead and underground inspections include inspections of transformers, switching/protective devices, regulators, capacitors, and overhead conductors and cables. In addition for underground inspections, we include pad-mounted equipment.

The original inspection plan for poles and enclosures in 2006 was based on an estimate ${ }^{4}$ of poles and enclosures to be inspected in 2006. The actual number of poles and enclosures inspected in 2006 is reflected in the table below.

We completed $99.96 \%$ of the poles. However, the following poles requiring inspections in 2006 were not completed by December 31, 2006. In Mission Division, 87 overhead inspections were not completed due to an administrative oversight. These inspections were completed by March 8, 2007. In DeAnza Division, 122 overhead inspections were not completed due administrative oversight. These overhead inspections were completed by February 23, 2007. For enclosures, we completed $99.96 \%$ of the enclosures primarily due third party access and administrative oversight. However, 46 enclosures requiring inspections in 2006 were not completed by December 31, 2006. 30 of these inspections were completed by June 30, 2007. The remaining 16 inspections are scheduled for completion by December 31, 2007.

The remaining differences reflected in the table between the number planned and the number inspected reflects an over or under estimation in the planning process of the number of poles and enclosures requiring inspections. This difference is based primarily by fluctuating facilities because of new business, under grounding, and maps shifting between rural and urban classification; and re-routed inspections in 2004 and 2005 to gain efficiencies in future year inspections and patrols.

[^3]| Division |  | OVERHEAD |  |  | UNDERGROUND |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | No. of Poles Planned for Inspection | No. of Poles Inspected | Difference Between No. Planned and Patrolled | No. of Enclosures Planned for Inspection | No. of Enclosures Inspected | Difference Between No. Planned and Inspected |
| $$ | PN | 19,894 | 18,211 | -1,683 | 4,675 | 4,814 | 139 |
|  | SF | 7,367 | 7,100 | -267 | 5,010 | 5,226 | 216 |
| $\begin{array}{\|l\|} \substack{N \\ 4 \\ 4 \\ 4 \\ \hline} \end{array}$ | DI | 18,620 | 12,216 | -6,404 | 9,450 | 9,953 | 503 |
|  | EB | 11,568 | 11,726 | 158 | 3,465 | 3,869 | 404 |
|  | MI | 12,089 | 11,850 | -239 | 11,532 | 11,959 | 427 |
| $\begin{aligned} & \text { m } \\ & \frac{4}{4} \\ & \frac{1}{4} \end{aligned}$ | CC | 26,436 | 25,792 | -644 | 5,868 | 6,090 | 222 |
|  | DA | 11,365 | 11,192 | -173 | 4,755 | 4,901 | 146 |
|  | SJ | 11,831 | 11,318 | -513 | 9,503 | 9,476 | -27 |
| $\begin{aligned} & \underset{\sim}{d} \\ & \stackrel{y}{x} \\ & \underset{4}{4} \end{aligned}$ | FR | 55,945 | 55,312 | -633 | 8,823 | 9,745 | 922 |
|  | KE | 24,997 | 25,162 | 165 | 4,752 | 4,871 | 119 |
|  | LP | 22,886 | 20,602 | -2,284 | 3,530 | 3,879 | 349 |
| $$ | ST | 36,000 | 31,960 | -4,040 | 6,180 | 8,093 | 1,913 |
|  | YO | 50,731 | 50,283 | -448 | 3,021 | 3,848 | 827 |
| $\begin{aligned} & 0 \\ & \frac{1}{4} \\ & \underset{y}{2} \\ & \hline \end{aligned}$ | NV | 42,219 | 43,319 | 1,100 | 3,481 | 3,883 | 402 |
|  | SA | 21,728 | 21,166 | -562 | 6,186 | 6,368 | 182 |
|  | SI | 40,830 | 41,161 | 331 | 6,348 | 7,762 | 1,414 |
| $$ | NB | 15,298 | 15,236 | -62 | 4,601 | 4,621 | 20 |
|  | NC | 46,724 | 51,713 | 4,989 | 6,521 | 6,187 | -334 |
| TOTAL |  | 476,528 | 465,319 | N/A | 107,701 | 115,545 | N/A |

1 See statement of estimating practice of facility counts on page i of this Report.

## IV. EQUIPMENT CONDITIONS

This section of the Report provides data on PG\&E's line equipment categorized into five main facility types listed below. The quantity of facilities by facility type is based on estimates. Where data is not available, it will be indicated within each table.

## FIVE MAIN FACILITY CATEGORIES

| Transformers | Includes overhead and underground transformers. Pad-mounted equipment is <br> included in the underground category. |
| :---: | :--- |
|  <br> Disconnects | Includes fuses. |
| Protective Devices | Includes reclosers, sectionalizers, and underground interrupters. Does not <br> include lightning arrestors. |
| Voltage Regulation | Includes capacitors, step-down transformers, overhead boosters, overhead auto- <br> boosters, and overhead regulators. |
| Conductors \& Cables | Includes all other conditions that do not fall into the four specific categories <br> above, excluding pole facility type, which is addressed in Section V, Wood <br> Poles. For comparison purposes, number of poles and enclosures will be used, <br> as PG\&E's database does not track the quantity of overhead and underground <br> conductor and cable. |

Abnormal conditions identified receive a grading as follows:

| Grade 1 | Defined as a condition requiring urgent, immediate and continued action until the <br> condition is repaired or no longer presents a hazard. |
| :--- | :--- |
| Grade 2 | Defined as a condition requiring timely maintenance to mitigate an existing <br> condition which, at the time of identification, does not present a hazard to third <br> parties, company employees or property. |

5 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate line item or table from all other Protective Devices, in the tables that follow.

## A. CONDITIONS REPORTED IN 2006:

At individual locations where, in the opinion of the QCR, abnormal conditions warrant maintenance activity, the highest priority condition shall be graded and entered into a computerized maintenance system. The system generates a unique Electric Preventive Corrective Maintenance ("EPCM") notification record. The following tables indicate those EPCM notification records generated in 2006. When multiple conditions are observed at the same location, only the highest priority item is reported.

## SYSTEM SUMMARY

| Facilities | Estimated Quantity | Corrective Action Identified in 2006 |  |  |  | No Corrective Action |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grade 1 |  | Grade 2 |  |  |  |
|  |  | Number | Percent | Number | Percent | Number | Percent |
| Transformers |  |  |  |  |  |  |  |
| Overhead | 788,308 | 5,740 | 0.73\% | 2,415 | 0.31\% | 780,153 | 99\% |
| Underground | 207,712 | 1,520 | 0.73\% | 2,232 | 1.07\% | 203,960 | 98\% |
| Switches \& Disconnects |  |  |  |  |  |  |  |
| Overhead | 165,120 | 1,283 | 0.78\% | 2,020 | 1.22\% | 161,817 | 98\% |
| Underground | 119,902 | 158 | 0.13\% | 648 | 0.54\% | 119,096 | 99\% |
| Protective Devices ${ }^{6}$ |  |  |  |  |  |  |  |
| Overhead Lightening Arrestors | Data Not <br> Available | 128 | N/A | 426 | N/A | Data Not <br> Available | N/A |
| Overhead Reclosers/ Sectionalizers | 4,594 | 128 | 2.79\% | 437 | 8.49\% | 4,029 | 88\% |
| Underground | 900 | 1 | 0.11\% | 40 | 4.44\% | 840 | 95\% |
| Voltage Regulation |  |  |  |  |  |  |  |
| Overhead | 16,675 | 152 | 0.91\% | 1,957 | 11.74 | 14,566 | 87\% |
| Underground | 439 | 0 | 0.00\% | 25 | 5.69\% | 414 | 94\% |
|  |  |  |  |  |  |  |  |
| Conductors \& Cables |  |  |  |  |  |  |  |
| Overhead | 2,239,863 | 14,725 | 0.66\% | 34,310 | 1.53\% | 2,190,828 | 97.81\% |
| Underground | 333,638 | 3,804 | 1.14\% | 10,554 | 3.16\% | 319,280 | 95.55\% |

6 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate line item from all other Overhead Protective Devices.

## A．CONDITIONS REPORTED IN 2006：（continued）

## AGGREGATED BY DIVISION－OVERHEAD TRANSFORMERS

| Division |  | Transformers OVERHEAD | Corrective Action Identified |  |  |  | No Corrective Action |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grade 1 | Grade 2 |  |  |  |
|  |  | Number | Percent | Number | Percent | Number | Percent |
| 宕 | PN |  | 45，220 | 167 | 0．37\％ | 195 | 0．43\％ | 44，858 | 99．20\％ |
|  | SF |  | 17，439 | 83 | 0．48\％ | 147 | 0．84\％ | 17，209 | 98．68\％ |
| $\begin{aligned} & \text { N } \\ & \substack{N\\ } \end{aligned}$ | DI | 21，457 | 437 | 2．04\％ | 63 | 0．29\％ | 20，957 | 97．67\％ |
|  | EB | 19，606 | 69 | 0．35\％ | 55 | 0．28\％ | 19，482 | 99．37\％ |
|  | MI | 97，588 | 200 | 0．20\％ | 44 | 0．05\％ | 97，344 | 99．75\％ |
| $\begin{gathered} \underset{y}{c} \\ \stackrel{y}{4} \end{gathered}$ | CC | 43，251 | 376 | 0．87\％ | 137 | 0．32\％ | 42，738 | 98．81\％ |
|  | DA | 35，225 | 308 | 0．87\％ | 33 | 0．09\％ | 34，884 | 99．03\％ |
|  | SJ | 18，449 | 394 | 2．14\％ | 28 | 0．15\％ | 18，027 | 97．71\％ |
| 華 | FR | 26，469 | 500 | 1．89\％ | 229 | 0．87\％ | 25，740 | 97．25\％ |
|  | KE | 76，845 | 324 | 0．42\％ | 136 | 0．18\％ | 76，385 | 99．40\％ |
|  | LP | 70，466 | 287 | 0．41\％ | 97 | 0．14\％ | 70，082 | 99．46\％ |
| $\begin{aligned} & \text { n } \\ & \text { y } \\ & \frac{1}{4} \end{aligned}$ | ST | 22，814 | 522 | 2．29\％ | 273 | 1．20\％ | 22，019 | 96．52\％ |
|  | YO | 31，935 | 572 | 1．79\％ | 280 | 0．88\％ | 31，083 | 97．33\％ |
| $\begin{aligned} & \circ \\ & \stackrel{0}{4} \\ & \text { 年 } \end{aligned}$ | NV | 10，059 | 365 | 3．63\％ | 156 | 1．55\％ | 9，538 | 94．82\％ |
|  | SA | 22，521 | 190 | 0．84\％ | 66 | 0．29\％ | 22，265 | 98．86\％ |
|  | SI | 81，065 | 372 | 0．46\％ | 129 | 0．16\％ | 80，564 | 99．38\％ |
|  | NB | 62，776 | 142 | 0．23\％ | 43 | 0．07\％ | 62，591 | 99．71\％ |
|  | NC | 85，123 | 432 | 0．51\％ | 304 | 0．36\％ | 84，387 | 99．14\％ |
| TOTAL |  | 788，308 | 5，740 |  | 2，415 |  | 780，153 |  |

## A. CONDITIONS REPORTED IN 2006: (continued)

AGGREGATED BY DIVISION - OVERHEAD SWITCHES AND DISCONNECTS


TOTAL
165,120

| Corrective Action Identified |  |  |  |
| ---: | ---: | ---: | ---: |
| Grade 1 |  | Grade 2 |  |
| Number | Percent | Number | Percent |
| 96 | $1.37 \%$ | 84 | $1.20 \%$ |
| 38 | $1.08 \%$ | 48 | $1.37 \%$ |
| 42 | $0.57 \%$ | 38 | $0.52 \%$ |
| 44 | $0.74 \%$ | 74 | $1.24 \%$ |
| 40 | $0.57 \%$ | 70 | $1.00 \%$ |
| 158 | $1.44 \%$ | 88 | $0.80 \%$ |
| 15 | $0.27 \%$ | 46 | $0.82 \%$ |
| 27 | $0.34 \%$ | 62 | $0.78 \%$ |
| 90 | $0.55 \%$ | 325 | $1.98 \%$ |
| 86 | $0.92 \%$ | 71 | $0.76 \%$ |
| 86 | $1.19 \%$ | 121 | $1.68 \%$ |
| 89 | $0.84 \%$ | 154 | $1.45 \%$ |
| 77 | $0.68 \%$ | 196 | $1.73 \%$ |
| 76 | $0.71 \%$ | 147 | $1.37 \%$ |
| 67 | $1.08 \%$ | 88 | $1.42 \%$ |
| 100 | $0.67 \%$ | 116 | $0.78 \%$ |
| 40 | $0.55 \%$ | 57 | $0.79 \%$ |
| 112 | $0.71 \%$ | 235 | $1.50 \%$ |


| No Corrective |
| :---: |
| Action |

Number Percent
$\begin{array}{r}6,80997.42 \% \\ 3,42197.55 \% \\ \hline 7,27798.91 \% \\ 5,83898.02 \% \\ 6,87598.43 \% \\ \hline 10,76497.77 \% \\ 5,54898.91 \% \\ 7,85798.88 \% \\ \hline 15,99697.47 \% \\ 9,21598.32 \% \\ 7,00297.13 \% \\ \hline\end{array}$
10,414 97.72\%
$\frac{11,06097.59 \%}{10,52697.93 \%}$
6,062 97.51\%
$\begin{array}{r}\text { 14,687 98.55\% } \\ \hline 7,13598.66 \%\end{array}$
15,331 97.79\%
161,817

## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (LIGHTENING ARRESTORS) ${ }^{7}$

| Division |  | Protective Devices (Lightening Arrestors) OVERHEAD |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { Z } \\ & \text { n } \\ & \text { 令 } \end{aligned}$ | PN | Data Not Available |
|  | SF |  |
| $\begin{aligned} & \text { N } \\ & \substack{4 \\ \underset{4}{2}} \end{aligned}$ | DI | Data Not Available |
|  | EB |  |
|  | MI |  |
| $\begin{aligned} & \text { n } \\ & \substack{4 \\ 4 \\ \\ \hline} \end{aligned}$ | CC | Data Not Available |
|  | DA |  |
|  | SJ |  |
| $$ | FR | Data Not Available |
|  | KE |  |
|  | LP |  |
|  | ST | Data Not Available |
|  | YO |  |
| $\begin{aligned} & 0 \\ & \substack{4 \\ \cline { 1 - 1 } \\ \\ \hline} \end{aligned}$ | NV | Data Not Available |
|  | SA |  |
|  | SI |  |
| $$ | NB | Data Not Available |
|  | NC |  |

TOTAL

| Corrective Action Identified |  |  |  |
| :---: | :---: | :---: | :---: |
| Grade 1 |  | Grade 2 |  |
| Number | Percent | Number | Percent |
|  | N/A | 1 | N/A |
|  | N/A |  | N/A |
|  | N/A | 1 | N/A |
|  | N/A |  | N/A |
|  | N/A |  | N/A |
|  | N/A | 4 | N/A |
|  | N/A |  | N/A |
|  | N/A |  | N/A |
| 17 | N/A | 120 | N/A |
| 11 | N/A | 44 | N/A |
| 4 | N/A | 9 | N/A |
| 2 | N/A | 3 | N/A |
| 8 | N/A | 44 | N/A |
| 10 | N/A | 85 | N/A |
| 3 | N/A | 21 | N/A |
| 8 | N/A | 56 | N/A |
|  | N/A | 1 | N/A |
| 4 | N/A | 37 | N/A |

67
420

| No Corrective <br> Action |  |
| :--- | :---: |
| Number Percent |  |
| Data Not Available |  |
| Data Not Available |  |
| Data Not Available |  |
| Data Not Available |  |
| Data Not Available |  |
| Data Not Available |  |
| Data Not Available |  |

7 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate table from all other Overhead Protective Devices.

## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (RECLOSURES/SECTIONALIZERS)



## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD VOLTAGE REGULATION



## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD CONDUCTORS AND CABLES



## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - UNDERGROUND TRANSFORMERS



## A．CONDITIONS REPORTED IN 2006：（continued）

## AGGREGATED BY DIVISION－UNDERGROUND SWITCHES AND DISCONNECTS

| Division |  | Switches \＆ Disconnects UNDERGROUND | Corrective Action Identified |  |  |  | No Corrective Action |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grade 1 | Grade 2 |  |  |
|  |  | Number | Percent | Number | Percent | Number Percent |  |
| $$ | PN |  | 5，344 | 14 | 0．26\％ | 34 | 0．64\％ | 5，296 99．10\％ |
|  | SF |  | 6，324 | 24 | 0．38\％ | 235 | 3．72\％ | 6，065 95．90\％ |
|  | DI | 10，924 | 16 | 0．15\％ | 24 | 0．22\％ | 10，884 99．63\％ |
|  | EB | 4，524 | 5 | 0．11\％ | 11 | 0．24\％ | 4，508 99．65\％ |
|  | MI | 13，451 | 9 | 0．07\％ | 39 | 0．29\％ | 13，403 99．64\％ |
| $\begin{aligned} & \text { m } \\ & \text { 信 } \\ & \underset{4}{2} \end{aligned}$ | CC | 2，640 | 1 | 0．04\％ | 24 | 0．91\％ | 2，615 99．05\％ |
|  | DA | 5，195 | 8 | 0．15\％ | 22 | 0．42\％ | 5，165 99．42\％ |
|  | SJ | 12，531 | 21 | 0．17\％ | 59 | 0．47\％ | 12，451 99．36\％ |
| $\begin{aligned} & \text { + } \\ & \text { 告 } \\ & \underset{4}{2} \end{aligned}$ | FR | 8，139 | 11 | 0．14\％ | 20 | 0．25\％ | 8，108 99．62\％ |
|  | KE | 8，112 | 8 | 0．10\％ | 15 | 0．18\％ | 8，089 99．72\％ |
|  | LP | 2，763 | 0 | 0．00\％ | 16 | 0．58\％ | 2，747 99．42\％ |
| $\begin{aligned} & n \\ & \substack{n \\ y \\ 4 \\ 4 \\ \hline} \end{aligned}$ | ST | 8，357 | 18 | 0．22\％ | 28 | 0．34\％ | 8，311 99．45\％ |
|  | YO | 2，585 | 5 | 0．19\％ | 7 | 0．27\％ | 2，573 99．54\％ |
| $$ | NV | 2，639 | 1 | 0．04\％ | 19 | 0．72\％ | 2，619 99．24\％ |
|  | SA | 6，308 | 4 | 0．06\％ | 46 | 0．73\％ | 6，258 99．21\％ |
|  | SI | 6，118 | 6 | 0．10\％ | 19 | 0．31\％ | 6，093 99．59\％ |
| $$ | NB | 5，090 | 4 | 0．08\％ | 13 | 0．26\％ | 5，073 99．67\％ |
|  | NC | 8，858 | 3 | 0．03\％ | 17 | 0．19\％ | 8，838 99．77\％ |
| TOTAL |  | 119，902 | 158 |  | 648 |  | 119，096 |

## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - UNDERGROUND PROTECTIVE DEVICES

| Division |  | Protective Devices <br> UNDERGROUND |
| :---: | :---: | :---: |
|  | PN | 37 |
|  | SF | 55 |
| $\begin{gathered} \text { N } \\ \substack{\mathbf{y}} \\ \end{gathered}$ | DI | 49 |
|  | EB | 26 |
|  | MI | 45 |
| $\begin{aligned} & \text { m } \\ & \substack{\mathbf{y} \\ \stackrel{y}{c}} \end{aligned}$ | CC | 10 |
|  | DA | 84 |
|  | SJ | 311 |
|  | FR | 32 |
|  | KE | 18 |
|  | LP | 27 |
| 華 | ST | 32 |
|  | YO | 29 |
|  | NV | 11 |
|  | SA | 24 |
|  | SI | 28 |
| $\frac{1}{4}$ | NB | 7 |
|  | NC | 75 |
| TOTAL 900 |  |  |


| Corrective Action Identified |  |  |  |
| :---: | :---: | :---: | :---: |
| Grade 1 |  | Grade 2 |  |
| Number | Percent | Number | Percent |
| 0 | 0.00\% | 3 | 8.11\% |
| 0 | 0.00\% | 3 | 5.45\% |
| $0 \quad 0.00 \%$ |  | 0 | 0.00\% |
| 0 | 0.00\% | 2 | 7.69\% |
| 0 | 0.00\% | 1 | 2.22\% |
| 0.00\% |  | 0 | 0.00\% |
| $0 \quad 0.00 \%$ |  | 2 | 2.38\% |
| 0 | 0.00\% | 20 | 6.43\% |
| $13.13 \%$ |  | 2 | 6.25\% |
| $0 \quad 0.00 \%$ |  | 0 | 0.00\% |
| $0 \quad 0.00 \%$ |  | 1 | 3.70\% |
|  |  | 1 | 3.13\% |
| $0 \quad 0.00 \%$ |  | 0 | 0.00\% |
|  |  | 0 | 0.00\% |
| $0 \quad 0.00 \%$ |  | 2 | 8.33\% |
| $0 \quad 0.00 \%$ |  | 0 | 0.00\% |
|  |  | 0 | 0.00\% |
| $0 \quad 0.00 \%$ |  | 3 | 4.00\% |
| 1 |  | 40 |  |


| No Corrective <br> Action |  |
| ---: | ---: |
| Numbe <br> r | Percent |
| 34 | $92 \%$ |
| 52 | $95 \%$ |
| 49 | $100 \%$ |
| 24 | $92 \%$ |
| 44 | $98 \%$ |
| 10 | $100 \%$ |
| 82 | $98 \%$ |
| 291 | $94 \%$ |
| 29 | $91 \%$ |
| 18 | $100 \%$ |
| 26 | $96 \%$ |
| 31 | $97 \%$ |
| 29 | $100 \%$ |
| 11 | $100 \%$ |
| 22 | $92 \%$ |
| 28 | $100 \%$ |
| 7 | $100 \%$ |
| 72 | $96 \%$ |
| $\mathbf{8 5 9}$ | $\mathbf{9 5 \%}$ |

## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - UNDERGROUND VOLTAGE REGULATION



## A. CONDITIONS REPORTED IN 2006: (continued)

## AGGREGATED BY DIVISION - UNDERGROUND CONDUCTORS AND CABLES



## B. CORRECTIVE ACTION SCHEDULED FOR 2006:

There were 50,024 equipment conditions scheduled for 2006. $99.91 \%$ of those conditions scheduled for 2006 were completed by December 31, 2006. 43 conditions were not corrected by December 31, 2006, representing $0.09 \%$ of conditions scheduled for 2006. 26 of the 43 late conditions are due to end of year storm activity and mutual response (PG\&E provided mutual aid to other utilities). The remaining 17 were not completed due to third party issues and administrative oversight.

Abnormal conditions in the "Conditions Scheduled for Correction in 2006" column were identified in year 2006 and prior years. Conditions reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, or received other appropriate action. When multiple conditions are observed for the same location, only the highest priority item is reported (with the shortest correction time period reflected).

SYSTEM SUMMARY OF CORRECTIONS

| Facilities | Conditions Scheduled for Correction in 2006 | Number of Facilities |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Corrected | Percent | Not Corrected | Percent |
| Transformers |  |  |  |  |  |
| Overhead | 2,094 | 2,093 | 99.95\% | 1 | 0.05\% |
| Underground | 2,170 | 2,165 | 99.77\% | 5 | 0.23\% |
| Switches \& Disconnects |  |  |  |  |  |
| Overhead | 2,084 | 2,083 | 99.95\% | 1 | 0.05\% |
| Underground | 624 | 623 | 99.84\% | 1 | 0.16\% |
| Protective Devices |  |  |  |  |  |
| Overhead Reclosures/ Sectionalizers | 354 | 354 | 100\% | 0 | 0\% |
| Underground | 34 | 34 | 100\% | 0 | 0\% |
| Voltage Regulation |  |  |  |  |  |
| Overhead | 1,803 | 1,803 | 100\% | 0 | 0\% |
| Underground | 17 | 17 | 100\% | 0 | 0\% |
| Conductors \& Cables |  |  |  |  |  |
| Overhead | 30,395 | 30,374 | 99.93\% | 21 | 0.07\% |
| Underground | 9,971 | 9,957 | 99.86\% | 14 | 0.14\% |
| TOTAL | 50,024 |  |  | 43 |  |

## B. CORRECTIVE ACTION SCHEDULED FOR 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND TRANSFORMERS

| Division |  | Transformers <br> Conditions <br> Scheduled <br> for Correction <br> OH |  | Overhead |  |  |  | Underground |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of Facilities | Number of Facilities |  |  |  |
|  |  | Corrected | Not Corrected |  | Corrected |  | Not Corrected |  |
|  |  | OH | UG | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| 2 | PN |  |  | 54 | 64 | 54 | 100.00\% | 0 | 0.00\% | 64 | 100.00\% | 0 | 0.00\% |
|  | SF |  |  | 145 | 74 | 145 | 100.00\% | 0 | 0.00\% | 74 | 100.00\% | 0 | 0.00\% |
| $\begin{aligned} & \text { N } \\ & \frac{1}{y} \\ & \frac{y}{4} \end{aligned}$ | DI | 47 | 190 | 47 | 100.00\% | 0 | 0.00\% | 188 | 98.95\% | 2 | 1.06\% |
|  | EB | 47 | 49 | 47 | 100.00\% |  | 0.00\% | 49 | 100.00\% | 0 | 0.00\% |
|  | MI | 50 | 138 | 50 | 100.00\% | 0 | 0.00\% | 138 | 100.00\% | 0 | 0.00\% |
| $\begin{aligned} & \text { m } \\ & \underset{y}{4} \\ & \hline \end{aligned}$ | CC | 131 | 238 | 131 | 100.00\% | 0 | 0.00\% | 238 | 100.00\% | 0 | 0.00\% |
|  | DA | 20 | 55 | 20 | 100.00\% |  | 0.00\% | 55 | 100.00\% | 0 | 0.00\% |
|  | SJ | 24 | 162 | 24 | 100.00\% |  | 0.00\% | 160 | 98.77\% |  | 1.25\% |
| $\begin{aligned} & \text { tu } \\ & \underset{y}{y} \end{aligned}$ | FR | 266 | 97 | 266 | 100.00\% |  | 0.00\% | 97 | 100.00\% | 0 | 0.00\% |
|  | KE | 118 | 50 | 118 | 100.00\% |  | 0.00\% | 50 | 100.00\% |  | 0.00\% |
|  | LP | 61 | 61 | 61 | 100.00\% | 0 | 0.00\% | 61 | 100.00\% | 0 | 0.00\% |
| $\begin{array}{\|l\|} \hline \text { n } \\ \text { y } \\ \text { N } \end{array}$ | ST | 243 | 105 | 243 | 100.00\% | 0 | 0.00\% | 105 | 100.00\% | 0 | 0.00\% |
|  | YO | 274 | 94 | 274 | 100.00\% | 0 | 0.00\% | 94 | 100.00\% | 0 | 0.00\% |
| $\begin{aligned} & 0 \\ & \text { 苯 } \\ & \hline \end{aligned}$ | NV | 172 | 148 | 172 | 100.00\% | 0 | 0.00\% | 147 | 99.32\% | 1 | 0.68\% |
|  | SA | 67 | 151 | 67 | 100.00\% | 0 | 0.00\% | 151 | 100.00\% | 0 | 0.00\% |
|  | SI | 138 | 159 | 138 | 100.00\% |  | 0.00\% | 159 | 100.00\% | 0 | 0.00\% |
| $$ | NB | 51 | 145 | 51 | 100.00\% | 0 | 0.00\% | 145 | 100.00\% | 0 | 0.00\% |
|  | NC | 186 | 190 | 185 | 99.46\% |  | 0.54\% | 190 | 100.00\% | 0 | 0.00\% |
|  | TOTAL | 2,094 | 2,170 | 2,093 |  | 1 |  | 2,165 |  | 5 |  |

## B. CORRECTIVE ACTION SCHEDULED FOR 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS



| Overhead |  |  |  |
| :---: | :---: | :---: | :---: |
| Number of Facilities |  |  |  |
| Corrected |  | Not Corrected |  |
| ber | Percent | Number | Percent |
| 66 | 100.00\% | 0 | 0.00\% |
| 49 | 100.00\% | 0 | 0.00\% |
| 60 | 100.00\% | 0 | 0.00\% |
| 78 | 100.00\% | 0 | 0.00\% |
| 85 | 100.00\% | 0 | 0.00\% |
| 87 | 100.00\% | 0 | 0.00\% |
| 44 | 100.00\% | 0 | 0.00\% |
| 43 | 100.00\% | 0 | 0.00\% |
| 344 | 100.00\% | 0 | 0.00\% |
| 64 | 100.00\% | 0 | 0.00\% |
| 140 | 100.00\% | 0 | 0.00\% |
| 160 | 100.00\% | 0 | 0.00\% |
| 221 | 100.00\% | 0 | 0.00\% |
| 125 | 100.00\% | 0 | 0.00\% |
| 77 | 100.00\% | 0 | 0.00\% |
| 114 | 100.00\% | 0 | 0.00\% |
| 63 | 98.44\% | 1 | 1.59\% |
| 263 | 100.00\% | 0 | 0.00\% |


| Underground |  |  |
| :---: | :---: | :---: |
| Number of Facilities |  |  |
| Corrected | Not Corrected |  |
| Number Percent | Number | Percent |
| 24 100.00\% | 0 | 0.00\% |
| 242 100.00\% | 0 | 0.00\% |
| $25100.00 \%$ | 0 | 0.00\% |
| $9100.00 \%$ | 0 | 0.00\% |
| 38 97.44\% | 1 | 2.63\% |
| 27 100.00\% | 0 | 0.00\% |
| 14 100.00\% | 0 | 0.00\% |
| 63 100.00\% | 0 | 0.00\% |
| 18 100.00\% | 0 | 0.00\% |
| 10 100.00\% | 0 | 0.00\% |
| 13 100.00\% | 0 | 0.00\% |
| $20100.00 \%$ | 0 | 0.00\% |
| $8100.00 \%$ | 0 | 0.00\% |
| 18 100.00\% | 0 | 0.00\% |
| 38 100.00\% | 0 | 0.00\% |
| $26100.00 \%$ | 0 | 0.00\% |
| 11 100.00\% | 0 | 0.00\% |
| 19 100.00\% | 0 | 0.00\% |
| 623 | 1 |  |

## B. CORRECTIVE ACTION SCHEDULED FOR 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND PROTECTIVE DEVICES

| Division |  | Protective Devices |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Conditions Scheduled for Correction |  |  |
|  |  | OH | UG |  |
|  | PN | 158 | 2 |  |
|  | SF |  | 5 |  |
| $\begin{aligned} & \text { N } \\ & \substack{1 \\ \text { N } \\ \hline} \end{aligned}$ | DI | 12 | 0 |  |
|  | EB | 25 | 2 |  |
|  | MI | 15 | 1 |  |
| $\begin{gathered} \text { m } \\ \substack{4 \\ \\ \hline} \end{gathered}$ | CC | 12 | 0 |  |
|  | DA | 10 | 0 |  |
|  | SJ | 13 | 16 |  |
| $\begin{gathered} \underset{y}{*} \\ \substack{\underset{4}{\sim} \\ \hline} \end{gathered}$ | FR | 30 | 2 |  |
|  | KE | 12 | 0 |  |
|  | LP | 14 | 0 |  |
| $\stackrel{\sim}{6}$ | ST | 13 | 1 |  |
| ¢ | YO | 36 | 0 |  |
| $\begin{aligned} & 0 \\ & \stackrel{y}{4} \\ & \underset{y}{x} \end{aligned}$ | NV | 21 | 0 |  |
|  | SA | 25 | 2 |  |
|  | SI | 21 | 0 |  |
| < | NB | 11 | 0 |  |
| $\frac{2}{4}$ | NC | 61 | 3 |  |
|  | TAL | 354 | 34 |  |


| Overhead |
| :---: |
| Number of Facilities |


| Underground |  |  |  |  |
| ---: | ---: | ---: | ---: | :---: |
| Number of Facilities |  |  |  |  |
| Corrected |  |  | Not Corrected |  |
| Number |  |  | Percent |  |
| 2 | $100 \%$ | 0 | $0 \%$ |  |
| 5 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 2 | $100 \%$ | 0 | $0 \%$ |  |
| 1 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 16 | $100 \%$ | 0 | $0 \%$ |  |
| 2 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 1 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 2 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 0 | $100 \%$ | 0 | $0 \%$ |  |
| 3 | $100 \%$ | 0 | $0 \%$ |  |
| 34 |  | 0 |  |  |

## B. CORRECTIVE ACTION SCHEDULED FOR 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND VOLTAGE REGULATION

| Division |  | Voltage Regulation <br> Conditions <br> Scheduled <br> for Correction |  | Overhead |  |  |  | Underground |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number of Facilities | Number of Facilities |  |  |  |
|  |  | Corrected | Not Corrected |  | Corrected |  | Not Corrected |  |
|  |  | OH | UG | Number | Percent | r | Percent | Number | Percent | Number | Percent |
|  | PN |  |  | 47 | 1 | 47 | 100\% | 0 | 0\% | 1 | 100\% | 0 | 0\% |
|  | SF |  |  | 82 | 0 | 82 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | DI | 87 | 2 | 87 | 100\% | 0 | 0\% | 2 | 100\% | 0 | 0\% |
|  | EB | 83 | 0 | 83 | 100\% |  | 0\% | 0 | 100\% | 0 | 0\% |
|  | MI | 105 | 1 | 105 | 100\% | 0 | 0\% | 1 | 100\% | 0 | 0\% |
| $\begin{aligned} & \text { m } \\ & \substack{4 \\ 4\\ } \end{aligned}$ | CC | 99 | 0 | 99 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | DA | 43 | 0 | 43 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | SJ | 64 | 4 | 64 | 100\% | 0 | 0\% | 4 | 100\% | 0 | 0\% |
|  | FR | 216 | 5 | 216 | 100\% | 0 | 0\% | 5 | 100\% | 0 | 0\% |
|  | KE | 157 | 0 | 157 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | LP | 70 | 0 | 70 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | ST | 146 | 0 | 146 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | YO | 113 | 0 | 113 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | NV | 101 | 0 | 101 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | SA | 96 | 3 | 96 | 100\% |  | 0\% | 3 | 100\% | 0 | 0\% |
|  | SI | 105 | 1 | 105 | 100\% | 0 | 0\% | 1 | 100\% | 0 | 0\% |
| $\begin{aligned} & \text { N } \\ & \substack { x \\ \begin{subarray}{c}{4 \\ \hline{ x \\ \begin{subarray} { c } { 4 \\ \hline } } \\ {\hline} \end{aligned}$ | NB | 34 | 0 | 34 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
|  | NC | 155 | 0 | 155 | 100\% | 0 | 0\% | 0 | 100\% | 0 | 0\% |
| TOTAL |  | 1,803 | 17 | 1,803 |  | 0 |  | 17 |  | 0 |  |

## B. CORRECTIVE ACTION SCHEDULED FOR 2006: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND CONDUCTORS AND CABLES



| Overhead |  |  |
| :---: | :---: | :---: |
| Number of Facilities |  |  |
| Corrected | Not Corrected |  |
| Number Percent | Number | Percent |
| $718100.00 \%$ | 0 | 0.00\% |
| 1,696 100.00\% | 0 | 0.00\% |
| 1,141 99.56\% | 5 | 0.44\% |
| 1,409 100.00\% | 0 | 0.00\% |
| 805 99.88\% | 1 | 0.12\% |
| 1,746 100.00\% | 0 | 0.00\% |
| 1,675 99.82\% | 3 | 0.18\% |
| 1,031 100.00\% | 0 | 0.00\% |
| 2,202 100.00\% | 0 | 0.00\% |
| 1,119 100.00\% | 0 | 0.00\% |
| 1,010 99.80\% | 2 | 0.20\% |
| 1,291 99.92\% | 1 | 0.08\% |
| 2,249 100.00\% | 0 | 0.00\% |
| 3,489 100.00\% | 0 | 0.00\% |
| 1,103 100.00\% | 0 | 0.00\% |
| 2,780 100.00\% | 0 | 0.00\% |
| 1,437 99.72\% | 4 | 0.28\% |
| 3,473 99.86\% | 5 | 0.14\% |
| 30,374 | 21 |  |


| Underground |  |  |  |
| ---: | ---: | ---: | ---: |
| Number of Facilities |  |  |  |
| Corrected |  | Not Corrected |  |
| Number |  | Percent | Number |
| 326 | $100 \%$ | 0 | $0.00 \%$ |
| 1,899 | $100 \%$ | 0 | $0.00 \%$ |
| 795 | $100 \%$ | 1 | $0.13 \%$ |
| 471 | $100 \%$ | 0 | $0.00 \%$ |
| 833 | $99 \%$ | 7 | $0.84 \%$ |
| 577 | $100 \%$ | 0 | $0.00 \%$ |
| 372 | $100 \%$ | 0 | $0.00 \%$ |
| 551 | $100 \%$ | 1 | $0.18 \%$ |
| 484 | $100 \%$ | 0 | $0.00 \%$ |
| 358 | $100 \%$ | 0 | $0.00 \%$ |
| 325 | $100 \%$ | 0 | $0.00 \%$ |
| 571 | $100 \%$ | 0 | $0.00 \%$ |
| 354 | $100 \%$ | 0 | $0.00 \%$ |
| 225 | $100 \%$ | 1 | $0.44 \%$ |
| 315 | $100 \%$ | 0 | $0.00 \%$ |
| 463 | $100 \%$ | 0 | $0.00 \%$ |
| 464 | $100 \%$ | 0 | $0.00 \%$ |
| 574 | $99 \%$ | 4 | $0.70 \%$ |
| $\mathbf{9 , 9 5 7}$ |  | $\mathbf{1 4}$ |  |

## C. CORRECTIVE ACTION SCHEDULED FOR 2007:

Abnormal conditions in the "Corrective Action Scheduled for 2007" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

## SYSTEM SUMMARY

| Facilities | Estimated Quantity | Corrective Action Scheduled 2007 |  |
| :---: | :---: | :---: | :---: |
|  |  | Grade 2 |  |
|  |  | Number | Percent |
| Transformers |  |  |  |
| Overhead | 788,308 | 1,491 | 0.19\% |
| Underground | 207,712 | 1,979 | 0.95\% |
| Switches \& Disconnects |  |  |  |
|  |  |  |  |  |
| Overhead | 165,120 | 1,074 | 0.65\% |
| Underground | 119,902 | 342 | 0.29\% |
|  |  |  |  |
| Protective Devices ${ }^{8}$ |  |  |  |
| Overhead Lightening Arrestors | Data Not Available | 408 | N/A |
| Overhead Reclosers/ Sectionalizers | 4594 | 187 | 4.07\% |
| Underground | 900 | 19 | 2.11\% |
|  |  |  |  |
| Voltage Regulation |  |  |  |
| Overhead | 16,450 | 772 | 4.63\% |
| Underground | 397 | 12 | 2.73\% |
|  |  |  |  |
| Conductors \& Cables |  |  |  |
| Overhead | 2,239,863 | 28,022 | 1.25\% |
| Underground | 333,638 | 7,333 | 2.20\% |

[^4]
## C. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND TRANSFORMERS

| Division |  | Transformer |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \text { 采 } \\ & \text { k } \end{aligned}$ | PN | 45,220 | 9,429 |
|  | SF | 17,439 | 7,054 |
| $\begin{gathered} \text { N } \\ \text { N } \\ \text { N } \end{gathered}$ | DI | 21,457 | 17,862 |
|  | EB | 19,606 | 5,876 |
|  | MI | 97,588 | 20,498 |
| $\begin{gathered} \text { n } \\ \stackrel{y}{4} \\ \underset{4}{4} \end{gathered}$ | CC | 43,251 | 12,881 |
|  | DA | 35,225 | 8,429 |
|  | SJ | 18,449 | 18,443 |
|  | FR | 26,469 | 9,309 |
|  | KE | 76,845 | 12,691 |
|  | LP | 70,466 | 7,421 |
| $\begin{aligned} & \text { n } \\ & \text { w } \\ & \text { M } \\ & \hline \end{aligned}$ | ST | 22,814 | 7,196 |
|  | YO | 31,935 | 11,772 |
|  | NV | 10,059 | 5,158 |
|  | SA | 22,521 | 16,815 |
|  | SI | 81,065 | 14,642 |
| $\begin{aligned} & \text { N } \\ & \text { N } \\ & \text { N } \end{aligned}$ | NB | 62,776 | 13,628 |
|  | NC | 85,123 | 8,608 |


| Corrective Action Scheduled 2007 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 177 | $0.39 \%$ | 138 | $1.46 \%$ |
| 134 | $0.77 \%$ | 46 | $0.65 \%$ |
| 47 | $0.22 \%$ | 159 | $0.89 \%$ |
| 36 | $0.18 \%$ | 36 | $0.61 \%$ |
| 33 | $0.03 \%$ | 61 | $0.30 \%$ |
| 175 | $0.40 \%$ | 296 | $2.30 \%$ |
| 16 | $0.05 \%$ | 26 | $0.31 \%$ |
| 17 | $0.09 \%$ | 115 | $0.62 \%$ |
| 102 | $0.39 \%$ | 94 | $1.01 \%$ |
| 68 | $0.09 \%$ | 65 | $0.51 \%$ |
| 75 | $0.11 \%$ | 157 | $2.12 \%$ |
| 86 | $0.38 \%$ | 104 | $1.45 \%$ |
| 105 | $0.33 \%$ | 62 | $0.53 \%$ |
| 89 | $0.88 \%$ | 134 | $2.60 \%$ |
| 42 | $0.19 \%$ | 54 | $0.32 \%$ |
| 55 | $0.07 \%$ | 132 | $0.90 \%$ |
| 21 | $0.03 \%$ | 114 | $0.84 \%$ |
| 213 | $0.25 \%$ | 186 | $2.16 \%$ |
| $\mathbf{1 , 4 9 1}$ |  | $\mathbf{1 , 9 7 9}$ |  |

## C. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS

| Division |  |  <br> Disconnects |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| 药 | PN | 6,989 | 5,344 |
|  | SF | 3,507 | 6,324 |
| $\begin{aligned} & \text { N } \\ & \underset{y}{y} \\ & \stackrel{y}{4} \end{aligned}$ | DI | 7,357 | 10,924 |
|  | EB | 5,956 | 4,524 |
|  | MI | 6,985 | 13,451 |
| $\begin{aligned} & \text { m } \\ & \stackrel{y}{y} \\ & \frac{y}{4} \end{aligned}$ | CC | 11,010 | 2,640 |
|  | DA | 5,609 | 5,195 |
|  | SJ | 7,946 | 12,531 |
| $\begin{aligned} & \underset{\sim}{ \pm} \\ & \stackrel{y}{4} \\ & \stackrel{y}{4} \end{aligned}$ | FR | 16,411 | 8,139 |
|  | KE | 9,372 | 8,112 |
|  | LP | 7,209 | 2,763 |
| $\begin{array}{\|l\|l} \hline \stackrel{n}{4} \\ \text { y } \\ \hline \end{array}$ | ST | 10,657 | 8,357 |
|  | YO | 11,333 | 2,585 |
| $\begin{aligned} & \text { O} \\ & \frac{1}{4} \\ & \frac{x}{4} \end{aligned}$ | NV | 10,749 | 2,639 |
|  | SA | 6,217 | 6,308 |
|  | SI | 14,903 | 6,118 |
| $\begin{aligned} & \bar{N} \\ & \substack{4 \\ 4 \\ \hline} \end{aligned}$ | NB | 7,232 | 5,090 |
|  | NC | 15,678 | 8,858 |
| TOTAL |  | 165,120 | 119,902 |


| Corrective Action Scheduled 2007 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 53 | $0.76 \%$ | 29 | $0.54 \%$ |
| 25 | $0.71 \%$ | 76 | $1.20 \%$ |
| 27 | $0.37 \%$ | 14 | $0.13 \%$ |
| 37 | $0.62 \%$ | 12 | $0.27 \%$ |
| 44 | $0.63 \%$ | 16 | $0.12 \%$ |
| 84 | $0.76 \%$ | 34 | $1.29 \%$ |
| 17 | $0.30 \%$ | 15 | $0.29 \%$ |
| 33 | $0.42 \%$ | 31 | $0.25 \%$ |
| 175 | $1.07 \%$ | 18 | $0.22 \%$ |
| 33 | $0.35 \%$ | 7 | $0.09 \%$ |
| 87 | $1.21 \%$ | 21 | $0.76 \%$ |
| 85 | $0.80 \%$ | 11 | $0.13 \%$ |
| 62 | $0.55 \%$ | 3 | $0.12 \%$ |
| 66 | $0.61 \%$ | 5 | $0.19 \%$ |
| 24 | $0.39 \%$ | 12 | $0.19 \%$ |
| 54 | $0.36 \%$ | 11 | $0.18 \%$ |
| 19 | $0.26 \%$ | 14 | $0.28 \%$ |
| 149 | $0.95 \%$ | 13 | $0.15 \%$ |
| $\mathbf{1 , 0 7 4}$ |  | $\mathbf{3 4 2}$ |  |

## C. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

## AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (LIGHTENING ARRESTORS) ${ }^{9}$

|  | sion | Protective Devices Lightening Arrestors OH |
| :---: | :---: | :---: |
|  | PN | Data Not Available |
|  | SF |  |
| $\begin{aligned} & \text { N } \\ & \substack{\mathbf{y} \\ \\ \hline} \end{aligned}$ | DI | Data Not Available |
|  | EB |  |
|  | MI |  |
| $\begin{aligned} & \text { m } \\ & \text { 烒 } \\ & \underset{4}{2} \end{aligned}$ | CC | Data Not Available |
|  | DA |  |
|  | SJ |  |
| $\begin{aligned} & \underset{4}{ \pm} \\ & \stackrel{y}{4} \\ & \stackrel{y}{4} \end{aligned}$ | FR | Data Not Available |
|  | KE |  |
|  | LP |  |
| $\begin{aligned} & \text { n } \\ & \text { ~ } \\ & \text { n } \\ & \hline \end{aligned}$ | ST | Data Not Available |
|  | YO |  |
|  | NV | Data Not Available |
|  | SA |  |
|  | SI |  |
| $\begin{aligned} & \text { N } \\ & \text { N } \\ & \stackrel{y}{4} \\ & \hline \end{aligned}$ | NB | Data Not Available |
|  | NC |  |

TOTAL

| Corrective Action Scheduled <br> $\mathbf{2 0 0 7}$ |  |
| ---: | :---: |
| $\mathbf{O H}$ |  |
| Number | Percent |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 1 | $\mathrm{~N} / \mathrm{A}$ |
| 1 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 125 | $\mathrm{~N} / \mathrm{A}$ |
| 42 | $\mathrm{~N} / \mathrm{A}$ |
| 8 | $\mathrm{~N} / \mathrm{A}$ |
| 3 | $\mathrm{~N} / \mathrm{A}$ |
| 30 | $\mathrm{~N} / \mathrm{A}$ |
| 72 | $\mathrm{~N} / \mathrm{A}$ |
| 23 | $\mathrm{~N} / \mathrm{A}$ |
| 30 | $\mathrm{~N} / \mathrm{A}$ |
| 0 | $\mathrm{~N} / \mathrm{A}$ |
| 73 | $\mathrm{~N} / \mathrm{A}$ |

408

9 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate table from all other Overhead Protective Devices.

## D. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVISES (RECLOSERS/SECTIONALIZERS) AND UNDERGROUND PROTECTIVE DEVICES

| Division |  | Protective Devices |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \overrightarrow{4} \\ & \stackrel{y}{2} \\ & \hline \end{aligned}$ | PN | 408 | 37 |
|  | SF | 115 | 55 |
| N | DI | 165 | 49 |
|  | EB | 118 | 26 |
|  | MI | 469 | 45 |
| $\begin{aligned} & \text { m } \\ & \text { yy } \\ & \text { y } \end{aligned}$ | CC | 245 | 10 |
|  | DA | 204 | 84 |
|  | SJ | 148 | 311 |
|  | FR | 187 | 32 |
|  | KE | 476 | 18 |
|  | LP | 388 | 27 |
| $\begin{aligned} & \text { n } \\ & \stackrel{y}{y} \\ & \stackrel{y}{c} \end{aligned}$ | ST | 142 | 32 |
|  | YO | 204 | 29 |
|  | NV | 53 | 11 |
|  | SA | 158 | 24 |
|  | SI | 358 | 28 |
| $\begin{array}{\|l\|} \hline \stackrel{y}{4} \\ \text { Ny } \\ \hline \end{array}$ | NB | 245 | 7 |
|  | NC | 511 | 75 |
|  | TAL | 4594 | 900 |


| Corrective Action Scheduled 2007 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 14 | $3.43 \%$ | 5 | $13.51 \%$ |
| 4 | $3.48 \%$ | 0 | $0.00 \%$ |
| 6 | $3.64 \%$ | 0 | $0.00 \%$ |
| 12 | $10.17 \%$ | 0 | $0.00 \%$ |
| 11 | $2.35 \%$ | 0 | $0.00 \%$ |
| 27 | $11.02 \%$ | 0 | $0.00 \%$ |
| 3 | $1.47 \%$ | 2 | $2.38 \%$ |
| 2 | $1.35 \%$ | 7 | $2.25 \%$ |
| 11 | $5.88 \%$ | 1 | $3.13 \%$ |
| 8 | $1.68 \%$ | 0 | $0.00 \%$ |
| 11 | $2.84 \%$ | 1 | $3.70 \%$ |
| 8 | $5.63 \%$ | 1 | $3.13 \%$ |
| 11 | $5.39 \%$ | 1 | $3.45 \%$ |
| 11 | $20.75 \%$ | 0 | $0.00 \%$ |
| 7 | $4.43 \%$ | 0 | $0.00 \%$ |
| 9 | $2.51 \%$ | 0 | $0.00 \%$ |
| 8 | $3.27 \%$ | 0 | $0.00 \%$ |
| 24 | $4.70 \%$ | 1 | $1.33 \%$ |
| $\mathbf{1 8 7}$ |  | $\mathbf{1 9}$ |  |

## C. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND VOLTAGE REGULATION

| Division |  | Voltage Regulation |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \text { 采 } \\ & \stackrel{y}{4} \end{aligned}$ | PN | 617 | 12 |
|  | SF | 372 | 3 |
|  | DI | 540 | 23 |
|  | EB | 473 | 2 |
|  | MI | 696 | 95 |
| $\begin{aligned} & \text { m } \\ & \underset{y}{4} \\ & \underset{4}{2} \end{aligned}$ | CC | 819 | 18 |
|  | DA | 462 | 4 |
|  | SJ | 636 | 100 |
| $\begin{gathered} \underset{\sim}{~+} \\ \underset{4}{4} \end{gathered}$ | FR | 2,068 | 37 |
|  | KE | 1,361 | 15 |
|  | LP | 727 | 16 |
| $\begin{array}{\|l\|l} \hline \text { n } \\ \text { y } \\ \text { en } \end{array}$ | ST | 1,113 | 23 |
|  | YO | 1,589 | 3 |
| $\begin{array}{\|l\|l\|l\|} \hline 0 \\ \stackrel{y}{4} \\ \stackrel{y}{4} \end{array}$ | NV | 1,318 | 6 |
|  | SA | 967 | 36 |
|  | SI | 1,172 | 27 |
| $$ | NB | 499 | 7 |
|  | NC | 1,246 | 12 |
| TOTAL |  | 16,675 | 439 |


| Corrective Action Scheduled 2007 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 38 | $6.16 \%$ | 4 | $33.33 \%$ |
| 40 | $10.75 \%$ | 0 | $0.00 \%$ |
| 34 | $6.30 \%$ | 0 | $0.00 \%$ |
| 71 | $15.01 \%$ | 0 | $0.00 \%$ |
| 84 | $12.07 \%$ | 4 | $4.21 \%$ |
| 48 | $5.86 \%$ | 0 | $0.00 \%$ |
| 14 | $3.03 \%$ | 0 | $0.00 \%$ |
| 8 | $1.26 \%$ | 1 | $1.00 \%$ |
| 63 | $3.05 \%$ | 0 | $0.00 \%$ |
| 51 | $3.75 \%$ | 0 | $0.00 \%$ |
| 48 | $6.60 \%$ | 0 | $0.00 \%$ |
| 40 | $3.59 \%$ | 1 | $4.35 \%$ |
| 44 | $2.77 \%$ | 0 | $0.00 \%$ |
| 36 | $2.73 \%$ | 0 | $0.00 \%$ |
| 16 | $1.65 \%$ | 1 | $2.78 \%$ |
| 34 | $2.90 \%$ | 1 | $3.70 \%$ |
| 36 | $7.21 \%$ | 0 | $0.00 \%$ |
| 67 | $5.38 \%$ | 0 | $0.00 \%$ |
| $\mathbf{7 7 2}$ |  | $\mathbf{1 2}$ |  |

## C. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND CONDUCTORS AND CABLES

| Division |  | Conductors \& Cables |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \overrightarrow{4} \\ & \text { N } \\ & \hline \end{aligned}$ | PN | 66,653 | 15,310 |
|  | SF | 34,793 | 13,315 |
| $\begin{aligned} & \text { N } \\ & \substack{\text { y } \\ \hline} \end{aligned}$ | DI | 59,575 | 29,219 |
|  | EB | 60,300 | 12,008 |
|  | MI | 55,809 | 36,717 |
| $\begin{gathered} \text { 信 } \\ \underset{y}{4} \end{gathered}$ | CC | 133,740 | 16,258 |
|  | DA | 48,947 | 13,313 |
|  | SJ | 62,845 | 30,353 |
|  | FR | 260,808 | 25,214 |
|  | KE | 139,098 | 15,056 |
|  | LP | 102,496 | 12,749 |
| $\begin{aligned} & \text { n } \\ & \text { 苞 } \end{aligned}$ | ST | 152,961 | 19,644 |
|  | YO | 231,388 | 10,683 |
| $\begin{aligned} & \text { e } \\ & \substack{\mathbf{y} \\ \stackrel{y}{4} \\ \hline} \end{aligned}$ | NV | 216,264 | 10,525 |
|  | SA | 109,363 | 19,064 |
|  | SI | 214,602 | 19,269 |
| $\begin{aligned} & \text { N } \\ & \underset{y}{4} \\ & \hline \end{aligned}$ | NB | 77,265 | 14,877 |
|  | NC | 212,956 | 20,064 |
| TOTAL |  | 2,239,863 | 333,638 |


| Corrective Action Scheduled 2007 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 1,593 | $2.39 \%$ | 523 | $3.42 \%$ |
| 1,314 | $3.78 \%$ | 1,100 | $8.26 \%$ |
| 806 | $1.35 \%$ | 608 | $2.08 \%$ |
| 1,591 | $2.64 \%$ | 342 | $2.85 \%$ |
| 630 | $1.13 \%$ | 558 | $1.52 \%$ |
| 1,740 | $1.30 \%$ | 494 | $3.04 \%$ |
| 1,847 | $3.77 \%$ | 221 | $1.66 \%$ |
| 616 | $0.98 \%$ | 487 | $1.60 \%$ |
| 2,039 | $0.78 \%$ | 468 | $1.86 \%$ |
| 775 | $0.56 \%$ | 198 | $1.32 \%$ |
| 656 | $0.64 \%$ | 257 | $2.02 \%$ |
| 1,279 | $0.84 \%$ | 293 | $1.49 \%$ |
| 2,157 | $0.93 \%$ | 154 | $1.44 \%$ |
| 3,075 | $1.42 \%$ | 272 | $2.58 \%$ |
| 631 | $0.58 \%$ | 197 | $1.03 \%$ |
| 1,959 | $0.91 \%$ | 233 | $1.21 \%$ |
| 1,455 | $1.88 \%$ | 472 | $3.17 \%$ |
| 3,859 | $1.81 \%$ | 456 | $2.27 \%$ |
| $\mathbf{2 8 , 0 2 2}$ |  | $\mathbf{7 , 3 3 3}$ |  |

## D. CORRECTIVE ACTION SCHEDULED FOR 2008:

Abnormal conditions in the "Corrective Action Scheduled for 2008" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

## SYSTEM SUMMARY

| Facilities | Estimated Quantity | Corrective Action Scheduled 2008 |  |
| :---: | :---: | :---: | :---: |
|  |  | Grade 2 |  |
|  |  | Number | Percent |
| Transformers |  |  |  |
| Overhead | 788,308 | 503 | 0.06\% |
| Underground | 207,712 | 962 | 0.46\% |
| Switches \& Disconnects |  |  |  |
| Overhead | 165,120 | 212 | 0.13\% |
| Underground | 119,902 | 111 | 0.09\% |
| Protective Devices ${ }^{10}$ |  |  |  |
| Overhead Lightening Arrestors | Data Not Available | 142 | N/A |
| Overhead Reclosers/ Sectionalizers | 4594 | 42 | 0.91\% |
| Underground | 900 | 4 | 0.44\% |
| Voltage Regulation |  |  |  |
| Overhead | 16,450 | 72 | 0.43\% |
| Underground | 397 | 1 | 0.23\% |
|  |  |  |  |
| Conductors \& Cables |  |  |  |
| Overhead | 2,239,863 | 13,095 | 0.58\% |
| Underground | 333,638 | 3,306 | 0.99\% |

10 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate line item from all other Overhead Protective Devices.

## D. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND TRANSFORMERS

| Division |  | Transformers |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \vec{N} \\ & \stackrel{y}{x} \\ & \hline \end{aligned}$ | PN | 45,220 | 9,429 |
|  | SF | 17,439 | 7,054 |
| $\begin{aligned} & \stackrel{N}{\underset{y}{y}} \\ & \stackrel{y}{4} \end{aligned}$ | DI | 21,457 | 17,862 |
|  | EB | 19,606 | 5,876 |
|  | MI | 97,588 | 20,498 |
| $\begin{aligned} & \text { m } \\ & \text { 荧 } \end{aligned}$ | CC | 43,251 | 12,881 |
|  | DA | 35,225 | 8,429 |
|  | SJ | 18,449 | 18,443 |
|  | FR | 26,469 | 9,309 |
|  | KE | 76,845 | 12,691 |
|  | LP | 70,466 | 7,421 |
| $\begin{aligned} & \text { n } \\ & \stackrel{y}{y} \\ & \stackrel{y}{c} \\ & \hline \end{aligned}$ | ST | 22,814 | 7,196 |
|  | YO | 31,935 | 11,772 |
|  | NV | 10,059 | 5,158 |
|  | SA | 22,521 | 16,815 |
|  | SI | 81,065 | 14,642 |
| $$ | NB | 62,776 | 13,628 |
|  | NC | 85,123 | 8,608 |
| TOTAL |  | 788,308 | 207,712 |


| Corrective Action Scheduled 2008 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 34 | $0.08 \%$ | 36 | $0.38 \%$ |
| 63 | $0.36 \%$ | 26 | $0.37 \%$ |
| 27 | $0.13 \%$ | 89 | $0.50 \%$ |
| 23 | $0.12 \%$ | 30 | $0.51 \%$ |
| 3 | $0.00 \%$ | 40 | $0.20 \%$ |
| 40 | $0.09 \%$ | 187 | $1.45 \%$ |
| 1 | $0.00 \%$ | 8 | $0.09 \%$ |
| 4 | $0.02 \%$ | 24 | $0.13 \%$ |
| 22 | $0.08 \%$ | 43 | $0.46 \%$ |
| 48 | $0.06 \%$ | 48 | $0.38 \%$ |
| 26 | $0.04 \%$ | 71 | $0.96 \%$ |
| 32 | $0.14 \%$ | 65 | $0.90 \%$ |
| 25 | $0.08 \%$ | 29 | $0.25 \%$ |
| 21 | $0.21 \%$ | 49 | $0.95 \%$ |
| 4 | $0.02 \%$ | 20 | $0.12 \%$ |
| 10 | $0.01 \%$ | 50 | $0.34 \%$ |
| 6 | $0.01 \%$ | 57 | $0.42 \%$ |
| 114 | $0.13 \%$ | 90 | $1.05 \%$ |
| $\mathbf{5 0 3}$ |  | $\mathbf{9 6 2}$ |  |

## D．CORRECTIVE ACTION SCHEDULED FOR 2008：（continued）

## AGGREGATED BY DIVISION－OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS

| Division |  | Switches \＆Disconnects |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \text { 畄 } \\ & \text { N } \end{aligned}$ | PN | 6，989 | 5，344 |
|  | SF | 3，507 | 6，324 |
| $\begin{aligned} & \text { N } \\ & \text { 芹 } \end{aligned}$ | DI | 7，357 | 10，924 |
|  | EB | 5，956 | 4，524 |
|  | MI | 6，985 | 13，451 |
| $\begin{aligned} & \text { 采 } \\ & \hline \end{aligned}$ | CC | 11，010 | 2，640 |
|  | DA | 5，609 | 5，195 |
|  | SJ | 7，946 | 12，531 |
|  | FR | 16，411 | 8，139 |
|  | KE | 9，372 | 8，112 |
|  | LP | 7，209 | 2，763 |
| $\begin{array}{\|l\|} \hline \text { n } \\ \text { 葡 } \\ \hline \end{array}$ | ST | 10，657 | 8，357 |
|  | YO | 11，333 | 2，585 |
|  | NV | 10，749 | 2，639 |
|  | SA | 6，217 | 6，308 |
|  | SI | 14，903 | 6，118 |
| 苞 | NB | 7，232 | 5，090 |
|  | NC | 15，678 | 8，858 |

TOTAL
$165,120119,902$

| Corrective Action Scheduled 2008 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 6 | $0.09 \%$ | 10 | $0.19 \%$ |
| 14 | $0.40 \%$ | 4 | $0.06 \%$ |
| 11 | $0.15 \%$ | 9 | $0.08 \%$ |
| 10 | $0.17 \%$ | 11 | $0.24 \%$ |
| 6 | $0.09 \%$ | 8 | $0.06 \%$ |
| 28 | $0.25 \%$ | 11 | $0.42 \%$ |
| 0 | $0.00 \%$ | 1 | $0.02 \%$ |
| 1 | $0.01 \%$ | 3 | $0.02 \%$ |
| 9 | $0.05 \%$ | 9 | $0.11 \%$ |
| 14 | $0.15 \%$ | 4 | $0.05 \%$ |
| 21 | $0.29 \%$ | 13 | $0.47 \%$ |
| 13 | $0.12 \%$ | 5 | $0.06 \%$ |
| 8 | $0.07 \%$ | 1 | $0.04 \%$ |
| 13 | $0.12 \%$ | 4 | $0.15 \%$ |
| 9 | $0.14 \%$ | 6 | $0.10 \%$ |
| 10 | $0.07 \%$ | 4 | $0.07 \%$ |
| 1 | $0.01 \%$ | 1 | $0.02 \%$ |
| 38 | $0.24 \%$ | 7 | $0.08 \%$ |
| $\mathbf{2 1 2}$ |  | $\mathbf{1 1 1}$ |  |

## D. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)

## AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (LIGHTENING ARRESTORS) ${ }^{11}$

| Division |  | Protective Devices <br> OH |
| :---: | :---: | :---: |
| 采 | PN | Data Not Available |
|  | SF |  |
| $\begin{aligned} & \text { N } \\ & \underset{y}{\mid c} \\ & \stackrel{y}{4} \end{aligned}$ | DI |  |
|  | EB | Data Not Available |
|  | MI |  |
|  | CC |  |
|  | DA | Data Not Available |
|  | SJ |  |
| $\begin{aligned} & \stackrel{+}{4} \\ & \stackrel{y}{4} \end{aligned}$ | FR | Data Not Available |
|  | KE |  |
|  | LP |  |
|  | ST | Data Not Available |
|  | YO |  |
| $\begin{aligned} & \text { o } \\ & \frac{1}{\mathbf{y}} \\ & \frac{2}{4} \end{aligned}$ | NV | Data Not Available |
|  | SA |  |
|  | SI |  |
|  | NB | Data Not Available |
|  | NC |  |

TOTAL

| Corrective Action Scheduled <br> $\mathbf{2 0 0 8}$ |  |
| :---: | :---: |
| $\mathbf{O H}$ |  |
| Number | Percent |
|  | N/A |
|  | N/A |
|  | N/A |
|  | N/A |
|  |  |
|  | N/A |
|  | N/A |
|  | N/A |
| 23 | N/A |
| 18 | N/A |
| 2 | N/A |
|  | N/A |
| 14 | N/A |
| 19 | N/A |
| 3 | N/A |
| 29 | N/A |
| 1 | N/A |
| 32 | N/A |

142

[^5]
## D．CORRECTIVE ACTION SCHEDULED FOR 2008：（continued）

## AGGREGATED BY DIVISION－OVERHEAD PROTECTIVE DEVICES

 （RECLOSERS／SECTIONALIZERS）AND UNDERGROUND PROTECTIVE DEVICES| Division |  | Protective Devices |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \text { 采 } \\ & \text { 采 } \end{aligned}$ | PN | 408 | 37 |
|  | SF | 115 | 55 |
| $\begin{aligned} & \text { N } \\ & \underset{y}{\|c\|} \end{aligned}$ | DI | 165 | 49 |
|  | EB | 118 | 26 |
|  | MI | 469 | 45 |
| $\begin{aligned} & \stackrel{n}{\mathbf{y}} \\ & \stackrel{y}{4} \end{aligned}$ | CC | 245 | 10 |
|  | DA | 204 | 84 |
|  | SJ | 148 | 311 |
| $\begin{aligned} & \text { U } \\ & \text { 荧 } \end{aligned}$ | FR | 187 | 32 |
|  | KE | 476 | 18 |
|  | LP | 388 | 27 |
| $\begin{aligned} & \text { n } \\ & \stackrel{y}{4} \\ & \hline \end{aligned}$ | ST | 142 | 32 |
|  | YO | 204 | 29 |
| $\begin{aligned} & \text { O } \\ & \text { 缶 } \\ & \hline \end{aligned}$ | NV | 53 | 11 |
|  | SA | 158 | 24 |
|  | SI | 358 | 28 |
| $\begin{aligned} & \stackrel{N}{4} \\ & \stackrel{y}{4} \end{aligned}$ | NB | 245 | 7 |
|  | NC | 511 | 75 |
|  | TAL | 4594 | 900 |


| Corrective Action Scheduled 2008 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 9 | $2.21 \%$ | 0 | $0.00 \%$ |
| 0 | $0.00 \%$ | 0 | $0.00 \%$ |
| 3 | $1.82 \%$ | 0 | $0.00 \%$ |
| 1 | $0.85 \%$ | 0 | $0.00 \%$ |
| 3 | $0.64 \%$ | 0 | $0.00 \%$ |
| 6 | $2.45 \%$ | 0 | $0.00 \%$ |
| 0 | $0.00 \%$ | 0 | $0.00 \%$ |
| 0 | $0.00 \%$ | 3 | $0.96 \%$ |
| 0 | $0.00 \%$ | 0 | $0.00 \%$ |
| 2 | $0.42 \%$ | 0 | $0.00 \%$ |
| 3 | $0.77 \%$ | 0 | $0.00 \%$ |
| 1 | $0.70 \%$ | 0 | $0.00 \%$ |
| 1 | $0.49 \%$ | 0 | $0.00 \%$ |
| 5 | $9.43 \%$ | 0 | $0.00 \%$ |
| 1 | $0.63 \%$ | 0 | $0.00 \%$ |
| 1 | $0.28 \%$ | 0 | $0.00 \%$ |
| 1 | $0.41 \%$ | 0 | $0.00 \%$ |
| 5 | $0.98 \%$ | 1 | $1.33 \%$ |
| $\mathbf{4 2}$ |  | $\mathbf{4}$ |  |

## D. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND VOLTAGE REGULATION

| Division |  | Voltage Regulation |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \text { 栄 } \\ & \text { N } \end{aligned}$ | PN | 617 | 12 |
|  | SF | 372 | 3 |
| $\begin{aligned} & \text { N } \\ & \substack{\mathbf{y} \\ \stackrel{y}{4} \\ \hline} \end{aligned}$ | DI | 540 | 23 |
|  | EB | 473 | 2 |
|  | MI | 696 | 95 |
| $\begin{aligned} & \stackrel{n}{4} \\ & \frac{y}{4} \\ & \hline \end{aligned}$ | CC | 819 | 18 |
|  | DA | 462 | 4 |
|  | SJ | 636 | 100 |
|  | FR | 2,068 | 37 |
|  | KE | 1,361 | 15 |
|  | LP | 727 | 16 |
| $\begin{aligned} & \text { n } \\ & \text { 苞 } \\ & 4 \\ & \hline \end{aligned}$ | ST | 1,113 | 23 |
|  | YO | 1,589 | 3 |
|  | NV | 1,318 | 6 |
|  | SA | 967 | 36 |
|  | SI | 1,172 | 27 |
| $$ | NB | 499 | 7 |
|  | NC | 1,246 | 12 |
| TOTAL |  | 16,675 | 439 |


| Corrective Action Scheduled 2008 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 15 | $2.43 \%$ | 0 | $0.00 \%$ |
| 3 | $0.81 \%$ | 0 | $0.00 \%$ |
| 3 | $0.56 \%$ | 0 | $0.00 \%$ |
| 4 | $0.85 \%$ | 0 | $0.00 \%$ |
| 7 | $1.01 \%$ | 1 | $1.05 \%$ |
| 6 | $0.73 \%$ | 0 | $0.00 \%$ |
| 0 | $0.00 \%$ | 0 | $0.00 \%$ |
| 0 | $0.00 \%$ | 0 | $0.00 \%$ |
| 2 | $0.10 \%$ | 0 | $0.00 \%$ |
| 2 | $0.15 \%$ | 0 | $0.00 \%$ |
| 2 | $0.28 \%$ | 0 | $0.00 \%$ |
| 4 | $0.36 \%$ | 0 | $0.00 \%$ |
| 4 | $0.25 \%$ | 0 | $0.00 \%$ |
| 6 | $0.46 \%$ | 0 | $0.00 \%$ |
| 3 | $0.31 \%$ | 0 | $0.00 \%$ |
| 2 | $0.17 \%$ | 0 | $0.00 \%$ |
| 4 | $0.80 \%$ | 0 | $0.00 \%$ |
| 5 | $0.40 \%$ | 0 | $0.00 \%$ |
| $\mathbf{7 2}$ |  | $\mathbf{1}$ |  |

## D. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND CONDUCTORS/CABLE

| Division |  | Conductors \& Cables |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
|  | PN | 66,653 | 15,310 |
|  | SF | 34,793 | 13,315 |
| $$ | DI | 59,575 | 29,219 |
|  | EB | 60,300 | 12,008 |
|  | MI | 55,809 | 36,717 |
| $\begin{aligned} & \text { n } \\ & \underset{y}{4} \end{aligned}$ | CC | 133,740 | 16,258 |
|  | DA | 48,947 | 13,313 |
|  | SJ | 62,845 | 30,353 |
|  | FR | 260,808 | 25,214 |
|  | KE | 139,098 | 15,056 |
|  | LP | 102,496 | 12,749 |
| $\begin{aligned} & \text { n } \\ & \text { ¢ } \\ & \text { k } \end{aligned}$ | ST | 152,961 | 19,644 |
|  | YO | 231,388 | 10,683 |
| $\begin{aligned} & \text { o } \\ & \text { 学 } \end{aligned}$ | NV | 216,264 | 10,525 |
|  | SA | 109,363 | 19,064 |
|  | SI | 214,602 | 19,269 |
| $\begin{aligned} & \text { N } \\ & \text { N1 } \\ & \end{aligned}$ | NB | 77,265 | 14,877 |
|  | NC | 212,956 | 20,064 |
| TOTAL |  | 2,239,863 | 333,638 |


| Corrective Action Scheduled 2008 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 628 | $0.94 \%$ | 151 | $0.99 \%$ |
| 498 | $1.43 \%$ | 139 | $1.04 \%$ |
| 369 | $0.62 \%$ | 297 | $1.02 \%$ |
| 1,226 | $2.03 \%$ | 310 | $2.58 \%$ |
| 231 | $0.41 \%$ | 330 | $0.90 \%$ |
| 588 | $0.44 \%$ | 310 | $1.91 \%$ |
| 143 | $0.29 \%$ | 110 | $0.83 \%$ |
| 239 | $0.38 \%$ | 124 | $0.41 \%$ |
| 733 | $0.28 \%$ | 169 | $0.67 \%$ |
| 524 | $0.38 \%$ | 109 | $0.72 \%$ |
| 353 | $0.34 \%$ | 136 | $1.07 \%$ |
| 816 | $0.53 \%$ | 103 | $0.52 \%$ |
| 1,359 | $0.59 \%$ | 44 | $0.41 \%$ |
| 1,115 | $0.52 \%$ | 182 | $1.73 \%$ |
| 611 | $0.56 \%$ | 106 | $0.56 \%$ |
| 458 | $0.21 \%$ | 107 | $0.56 \%$ |
| 1,017 | $1.32 \%$ | 209 | $1.40 \%$ |
| 2,184 | $1.03 \%$ | 370 | $1.84 \%$ |
| $\mathbf{1 3 , 0 9 5}$ |  | $\mathbf{3 , 3 0 6}$ |  |

## E. CORRECTIVE ACTION SCHEDULED FOR 2009:

Abnormal conditions in the "Corrective Action Scheduled for 2009" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

## SYSTEM SUMMARY

| Facilities | Estimated Quantity | Corrective Action <br> Scheduled 2009 |  |
| :---: | :---: | :---: | :---: |
|  |  | Grade 2 |  |
|  |  | Number | Percent |
| Transformers |  |  |  |
| Overhead | 788,308 | 199 | 0.03\% |
| Underground | 207,712 | 201 | 0.10\% |
|  |  |  |  |
| Switches \& Disconnects |  |  |  |
| Overhead | 165,120 | 73 | 0.04\% |
| Underground | 119,902 | 21 | 0.02\% |
|  |  |  |  |
| Protective Devices ${ }^{12}$ |  |  |  |
| Overhead Lightening Arrestors | Data Not Available | 40 | N/A |
| Overhead Reclosers/ Sectionalizers | 4594 | 6 | 0.13\% |
| Underground | 900 | 1 | 0.11\% |
|  |  |  |  |
| Voltage Regulation |  |  |  |
| Overhead | 16,450 | 29 | 0.17\% |
| Underground | 397 | 1 | 0.23\% |
|  |  |  |  |
| Conductors \& Cables |  |  |  |
| Overhead | 2,239,863 | 11,110 | 0.50\% |
| Underground | 333,638 | 717 | 0.21\% |

12 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate line item from all other Overhead Protective Devices.

## E. CORRECTIVE ACTION SCHEDULED FOR 2009: (continued)

## AGGREGATED BY DIVISION - OVERHEAD TRANSFORMERS

| Division |  | Transformers |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \hline \text { 花 } \\ & \text { N } \end{aligned}$ | PN | 45,220 | 9,429 |
|  | SF | 17,439 | 7,054 |
| $\begin{aligned} & \text { N } \\ & \substack{\mathbf{y}} \end{aligned}$ | DI | 21,457 | 17,862 |
|  | EB | 19,606 | 5,876 |
|  | MI | 97,588 | 20,498 |
| $\begin{gathered} \text { N } \\ \substack{\mathbf{y}\\ } \end{gathered}$ | CC | 43,251 | 12,881 |
|  | DA | 35,225 | 8,429 |
|  | SJ | 18,449 | 18,443 |
| $\begin{gathered} \underset{1}{*} \\ \substack{\underset{4}{4}} \end{gathered}$ | FR | 26,469 | 9,309 |
|  | KE | 76,845 | 12,691 |
|  | LP | 70,466 | 7,421 |
| $\begin{aligned} & \text { ? } \\ & \text { y } \\ & \text { n } \end{aligned}$ | ST | 22,814 | 7,196 |
|  | YO | 31,935 | 11,772 |
| $\begin{aligned} & \text { ex } \\ & \text { 芹 } \end{aligned}$ | NV | 10,059 | 5,158 |
|  | SA | 22,521 | 16,815 |
|  | SI | 81,065 | 14,642 |
| $\begin{aligned} & \text { N } \\ & \text { y } \\ & \text { y } \end{aligned}$ | NB | 62,776 | 13,628 |
|  | NC | 85,123 | 8,608 |
| TOTAL |  | 788,308 | 207,712 |


| Corrective Action Scheduled 2009 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 7 | $0.02 \%$ | 0 | $0.00 \%$ |
| 50 | $0.29 \%$ | 3 | $0.04 \%$ |
| 2 | $0.01 \%$ | 6 | $0.03 \%$ |
| 28 | $0.14 \%$ | 7 | $0.12 \%$ |
| 1 | $0.00 \%$ | 13 | $0.06 \%$ |
| 8 | $0.02 \%$ | 89 | $0.69 \%$ |
| 15 | $0.04 \%$ | 0 | $0.00 \%$ |
|  | $0.00 \%$ | 6 | $0.03 \%$ |
| 6 | $0.02 \%$ | 12 | $0.13 \%$ |
| 3 | $0.00 \%$ | 2 | $0.02 \%$ |
| 9 | $0.01 \%$ | 5 | $0.07 \%$ |
| 14 | $0.06 \%$ | 6 | $0.08 \%$ |
| 1 | $0.00 \%$ | 3 | $0.03 \%$ |
| 4 | $0.04 \%$ | 1 | $0.02 \%$ |
| 4 | $0.02 \%$ | 5 | $0.03 \%$ |
| 11 | $0.01 \%$ | 9 | $0.06 \%$ |
| 3 | $0.00 \%$ | 5 | $0.04 \%$ |
| 33 | $0.04 \%$ | 29 | $0.34 \%$ |
| $\mathbf{1 9 9}$ |  | $\mathbf{2 0 1}$ |  |

## E．CORRECTIVE ACTION SCHEDULED FOR 2009：（continued）

AGGREGATED BY DIVISION－OVERHEAD SWITCHES AND DISCONNECTS

| Division |  | Switches \＆ Disconnectss OH |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { 葿 } \end{aligned}$ | PN | 6，989 |
|  | SF | 3，507 |
| $$ | DI | 7，357 |
|  | EB | 5，956 |
|  | MI | 6，985 |
|  | CC | 11，010 |
|  | DA | 5，609 |
|  | SJ | 7，946 |
|  | FR | 16，411 |
|  | KE | 9，372 |
|  | LP | 7，209 |
| $\begin{aligned} & \text { n } \\ & \text { y } \\ & 4 \end{aligned}$ | ST | 10，657 |
|  | YO | 11，333 |
| $\begin{aligned} & \text { O } \\ & \text { 荧 } \end{aligned}$ | NV | 10，749 |
|  | SA | 6，217 |
|  | SI | 14，903 |
| $\begin{aligned} & \text { N } \\ & \text { H } \\ & \end{aligned}$ | NB | 7，232 |
|  | NC | 15，678 |
| TOTAL |  | 165，120 |


| Corrective Action Scheduled 2009 |  |
| ---: | ---: |
| OH |  |
| Number | Percent |
|  | 2 |
| 3 | $0.03 \%$ |
|  | 1 |
| 11 | $0.09 \%$ |
| 2 | $0.01 \%$ |
| 3 | $0.03 \%$ |
| 0 | $0.03 \%$ |
| 0 | $0.00 \%$ |
| 2 | $0.01 \%$ |
| 2 | $0.02 \%$ |
| 10 | $0.14 \%$ |
| 3 | $0.03 \%$ |
| 2 | $0.02 \%$ |
| 8 | $0.07 \%$ |
| 2 | $0.03 \%$ |
| 7 | $0.05 \%$ |
| 1 | $0.01 \%$ |
| 14 | $0.09 \%$ |
| 73 |  |

## D. CORRECTIVE ACTION SCHEDULED FOR 2009: (continued)

## AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (LIGHTENING ARRESTORS) ${ }^{13}$

| Division |  | Protective Devices OH |
| :---: | :---: | :---: |
|  | PN | Data Not Available |
|  | SF |  |
| $\begin{aligned} & \text { N } \\ & \substack{\text { y } \\ \text { N }} \end{aligned}$ | DI |  |
|  | EB | Data Not Available |
|  | MI |  |
| $\begin{gathered} \text { m } \\ \text { w } \\ \text { x } \end{gathered}$ | CC |  |
|  | DA | Data Not Available |
|  | SJ |  |
|  | FR | Data Not Available |
|  | KE |  |
|  | LP |  |
|  | ST | Data Not Available |
|  | YO |  |
| $\begin{aligned} & 0 \\ & \frac{4}{4} \\ & \text { N} \end{aligned}$ | NV | Data Not Available |
|  | SA |  |
|  | SI |  |
| $\begin{aligned} & \text { N } \\ & \text { 黄 } \\ & \hline \end{aligned}$ | NB | Data Not Available |
|  | NC |  |

TOTAL

| Corrective Action Scheduled <br> $\mathbf{2 0 0 9}$ |  |
| :---: | :---: |
| $\mathbf{O H}$ |  |
| Number | Percent |
| 0 | N/A |
| 0 | N/A |
| 0 | N/A |
| 0 | N/A |
| 0 | N/A |
| 1 | N/A |
| 0 | N/A |
| 0 | N/A |
| 8 | N/A |
| 3 | N/A |
| 3 | N/A |
| 0 | N/A |
| 4 | N/A |
| 4 | N/A |
| 2 | N/A |
| 7 | N/A |
| 1 | N/A |
| 7 | N/A |

40

[^6]
## E. CORRECTIVE ACTION SCHEDULED FOR 2009: (continued)

AGGREGATED BY DIVISION - OVERHEAD PROTECTIVE DEVICES (RECLOSERS/SECTIONALIZERS)

| Division |  | Protective Devices OH |
| :---: | :---: | :---: |
| $\begin{aligned} & \vec{x} \\ & \substack{4\\ } \end{aligned}$ | PN | 408 |
|  | SF | 115 |
|  | DI | 165 |
|  | EB | 118 |
|  | MI | 469 |
| $$ | CC | 245 |
|  | DA | 204 |
|  | SJ | 148 |
| $\begin{aligned} & \text { U } \\ & \text { 究 } \end{aligned}$ | FR | 187 |
|  | KE | 476 |
|  | LP | 388 |
|  | ST | 142 |
|  | YO | 204 |
|  | NV | 53 |
|  | SA | 158 |
|  | SI | 358 |
| $\begin{aligned} & \text { N } \\ & \text { N } \\ & \hline \end{aligned}$ | NB | 245 |
|  | NC | 511 |
| TOTAL |  | 4,594 |


| Corrective Action Scheduled 2009 |  |  |
| ---: | ---: | :---: |
| OH |  |  |
| Number | Percent |  |
|  | 4 |  |
| 0 | $0.98 \%$ |  |
|  | 0 |  |
| 0 | $0.00 \%$ |  |
|  | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 1 | $0.00 \%$ |  |
| 0 | $0.41 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 0 | $0.00 \%$ |  |
| 1 | $0.20 \%$ |  |
| $\mathbf{6}$ |  |  |

E. CORRECTIVE ACTION SCHEDULED FOR 2009: (continued) AGGREGATED BY DIVISION - OVERHEAD VOLTAGE REGULATION

| Division |  | Voltage Regulation OH |
| :---: | :---: | :---: |
|  | PN | 617 |
|  | SF | 372 |
| $\begin{aligned} & N \\ & \stackrel{N}{4} \\ & \frac{\alpha}{4} \end{aligned}$ | DI | 540 |
|  | EB | 473 |
|  | MI | 696 |
| $\begin{aligned} & \text { n } \\ & \substack{4 \\ 4} \end{aligned}$ | CC | 819 |
|  | DA | 462 |
|  | SJ |  |
|  | FR | 2,068 |
|  | KE | $1,361$ |
|  | LP | 727 |
| $\begin{aligned} & \text { n } \\ & \stackrel{y}{4} \\ & \frac{2}{4} \end{aligned}$ | ST | 1,113 |
|  | YO |  |
| $$ | NV | 1,318 |
|  | SA | 967 |
|  | SI | 1,172 |
| $\begin{aligned} & \underset{y}{x} \\ & \substack{x \\ \\ \hline} \\ & \hline \end{aligned}$ | NB | 499 |
|  | NC | 1,246 |
| TOTAL |  | 16,675 |


| Corrective Action Scheduled 2009 |  |
| ---: | ---: |
| OH |  |
| Number | Percent |
|  | 0 |
| 0 | $0.00 \%$ |
|  | 0 |
|  | $0.00 \%$ |
|  | $0.00 \%$ |
| 2 | $1.48 \%$ |
| 0 | $0.29 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 1 | $0.07 \%$ |
| 1 | $0.14 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 17 | $3.41 \%$ |
| 1 | $0.08 \%$ |
| $\mathbf{2 9}$ |  |

## E. CORRECTIVE ACTION SCHEDULED FOR 2009: (continued)

## AGGREGATED BY DIVISION - OVERHEAD AND UNDERGROUND CONDUCTORS/CABLE

| Division |  | Conductors \& Cables |  |
| :---: | :---: | :---: | :---: |
|  |  | OH | UG |
| $\begin{aligned} & \hline \stackrel{\rightharpoonup}{x} \\ & \underset{y}{4} \\ & \hline \end{aligned}$ | PN | 66,653 | 15,310 |
|  | SF | 34,793 | 13,315 |
| $\begin{aligned} & \underset{y}{x} \\ & \underset{y}{x} \end{aligned}$ | DI | 59,575 | 29,219 |
|  | EB | 60,300 | 12,008 |
|  | MI | 55,809 | 36,717 |
| $\begin{gathered} \underset{y}{4} \\ \stackrel{y}{4} \end{gathered}$ | CC | 133,740 | 16,258 |
|  | DA | 48,947 | 13,313 |
|  | SJ | 62,845 | 30,353 |
| $\begin{aligned} & \text { + } \\ & \substack{4 \\ 4 \\ \hline} \end{aligned}$ | FR | 260,808 | 25,214 |
|  | KE | 139,098 | 15,056 |
|  | LP | 102,496 | 12,749 |
| $\begin{aligned} & \text { n } \\ & \text { 苟 } \end{aligned}$ | ST | 152,961 | 19,644 |
|  | YO | 231,388 | 10,683 |
|  | NV | 216,264 | 10,525 |
|  | SA | 109,363 | 19,064 |
|  | SI | 214,602 | 19,269 |
| $\begin{aligned} & \text { त } \\ & \text { y } \\ & \hline \end{aligned}$ | NB | 77,265 | 14,877 |
|  | NC | 212,956 | 20,064 |
| TOTAL |  | 2,239,863 | 333,638 |


| Corrective Action Scheduled 2009 |  |  |  |
| ---: | ---: | ---: | ---: |
| OH |  | UG |  |
| Number | Percent | Number | Percent |
| 227 | $0.34 \%$ | 3 | $0.02 \%$ |
| 162 | $0.47 \%$ | 6 | $0.05 \%$ |
| 323 | $0.54 \%$ | 23 | $0.08 \%$ |
| 1,471 | $2.44 \%$ | 52 | $0.43 \%$ |
| 88 | $0.16 \%$ | 119 | $0.32 \%$ |
| 210 | $0.16 \%$ | 134 | $0.82 \%$ |
| 1,415 | $2.89 \%$ | 21 | $0.16 \%$ |
| 90 | $0.14 \%$ | 7 | $0.02 \%$ |
| 559 | $0.21 \%$ | 17 | $0.07 \%$ |
| 329 | $0.24 \%$ | 21 | $0.14 \%$ |
| 321 | $0.31 \%$ | 22 | $0.17 \%$ |
| 421 | $0.28 \%$ | 21 | $0.11 \%$ |
| 391 | $0.17 \%$ | 3 | $0.03 \%$ |
| 1,369 | $0.63 \%$ | 50 | $0.48 \%$ |
| 793 | $0.73 \%$ | 35 | $0.18 \%$ |
| 323 | $0.15 \%$ | 9 | $0.05 \%$ |
| 814 | $1.05 \%$ | 60 | $0.40 \%$ |
| 1,804 | $0.85 \%$ | 114 | $0.57 \%$ |
| $\mathbf{1 1 , 1 1 0}$ |  | $\mathbf{7 1 7}$ |  |

## F. CORRECTIVE ACTION SCHEDULED FOR 2010:

Abnormal conditions in the "Corrective Action Scheduled for 2010 column were identified in year 2006 and prior years. Conditions indicated are for underground wooden enclosure replacements. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

## SYSTEM SUMMARY

Wooden enclosures planned in 2010, indicated in the underground conductors/cable facility category, represent 60 enclosures out of 333,638 system locations (or $0.02 \%$ ).

## AGGREGATED BY DIVISION - UNDERGROUND CONDUCTORS/CABLE



## V. WOOD POLES

## A. INTRUSIVE INSPECTIONS:

Overall, PG\&E was in compliance performing a wood pole test and treat at 208,778 locations in 2006. PG\&E was 23,083 poles behind schedule in Area 6 due to Forest Service (USFS) restrictions and issues with contractor employee turnover. Specific differences from the planned amounts are as follows:

- Area 1 - Schedule modified to assist contractor with production, all poles are within the compliance date for $2^{\text {nd }}$ cycle testing.
- Area 6 - Will be completed on time and in compliance with the cycle date. Contractor will meet the schedule by adding additional crews.

| Division |  | Wood Poles Scheduled for Inspection excluding prior years | Total Wood Poles Inspected in 2006 | Wood Poles Scheduled in 2006 but not Inspected | Reason Inspection was not Completed | Date Inspection Will be Completed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l} \hline \stackrel{\rightharpoonup}{4} \\ \frac{\pi}{4} \\ \hline \end{array}$ | PN SF | 52,508 | $\begin{aligned} & 47,446 \\ & 31,967 \end{aligned}$ | 5,062 | Switched scheduled 2006 to 2007 for Colma district | 2007 |
| $\begin{aligned} & \stackrel{N}{4} \\ & \underset{y}{c} \\ & \frac{\alpha}{4} \end{aligned}$ | DI EB MI |  | $\begin{array}{r} 1,332 \\ 3,889 \\ 174 \end{array}$ |  | Carry over from 2005 for Area 2 | N/A <br> N/A <br> N/A |
|  | CC | 66,539 | 65,390 | 1,148 | Clean up work and inaccessible poles carried to 2007 | 2007 |
|  | DA |  |  |  |  |  |
|  | SJ |  |  |  |  |  |
| $\begin{array}{\|c} \underset{y}{4} \\ \stackrel{y}{4} \\ \underset{4}{2} \end{array}$ | FR |  |  |  |  |  |
|  | KE |  |  |  |  |  |
|  | LP |  |  |  |  |  |
| $\begin{aligned} & n \\ & \frac{n}{4} \\ & \frac{2}{4} \end{aligned}$ | ST |  |  |  |  |  |
|  | YO |  |  |  |  |  |
| $\begin{gathered} 0 \\ \frac{0}{4} \\ \frac{2}{4} \\ \hline \end{gathered}$ | NV | 81,663 | 58,580 | 23,083 | Carry over to 2007. USFS and Contractor turnover issues put them behind schedule | 2007 |
|  | SA |  |  |  |  |  |
|  | SI |  |  |  |  |  |
|  | NB |  |  |  |  |  |
|  | NC |  |  |  |  |  |
| TOTAL 200,710 |  |  | 208,778 | 29,293 |  |  |

## B．IDENTIFIED CONDITIONS，WOOD POLES，IN 2006：

Abnormal conditions under＂Corrective Action Required＂column include conditions identified only in 2006，where the highest priority item is wood pole．Wood pole corrective conditions include those from all sources of identification and not exclusively the intrusive inspections．

When multiple conditions are observed at the same location，only the highest priority item is reported（with the shortest correction time period reflected）．

The values in the＂Estimated Quantity＂column represent the estimated number of wood poles in the electric distribution system．

| Division |  | EST QTY <br> Number of <br> Wood Poles | Corrective Action Required |  |  |  | No Corrective Action Required |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grade 1 | Grade 2 |  |  |  |
|  |  | Number | Percent | Number | Percent | Number | Percent |
| $\begin{aligned} & \text { 炭 } \\ & \text { 年 } \end{aligned}$ | PN |  | 66，653 | 78 | 0．12\％ | 279 | 0．42\％ | 66，296 | 99．46\％ |
|  | SF |  | 34，793 | 28 | 0．08\％ | 218 | 0．63\％ | 34，547 | 99．29\％ |
| $\begin{aligned} & \text { N } \\ & \text { 芹 } \end{aligned}$ | DI | 59，575 | 71 | 0．12\％ | 771 | 1．29\％ | 58，733 | 98．59\％ |
|  | EB | 60，300 | 63 | 0．10\％ | 705 | 1．17\％ | 59，532 | 98．73\％ |
|  | MI | 55，809 | 57 | 0．10\％ | 317 | 0．57\％ | 55，435 | 99．33\％ |
| $\begin{gathered} \stackrel{\sim}{4} \\ \stackrel{y}{4} \end{gathered}$ | CC | 133，740 | 187 | 0．14\％ | 451 | 0．34\％ | 133，102 | 99．52\％ |
|  | DA | 48，947 | 54 | 0．11\％ | 103 | 0．21\％ | 48，790 | 99．68\％ |
|  | SJ | 62，845 | 67 | 0．11\％ | 92 | 0．15\％ | 62，686 | 99．75\％ |
| $\begin{aligned} & \text { + } \\ & \stackrel{y}{x} \\ & \stackrel{N}{4} \end{aligned}$ | FR | 260，808 | 272 | 0．10\％ | 878 | 0．34\％ | 259，658 | 99．56\％ |
|  | KE | 139，098 | 220 | 0．16\％ | 510 | 0．37\％ | 138，368 | 99．48\％ |
|  | LP | 102，496 | 124 | 0．12\％ | 519 | 0．51\％ | 101，853 | 99．37\％ |
| $\begin{aligned} & \text { n } \\ & \text { 臬 } \end{aligned}$ | ST | 152，961 | 238 | 0．16\％ | 402 | 0．26\％ | 152，321 | 99．58\％ |
|  | YO | 231，388 | 302 | 0．13\％ | 1031 | 0．45\％ | 230，055 | 99．42\％ |
| $\begin{aligned} & \text { O} \\ & \text { 荧 } \\ & \hline \end{aligned}$ | NV | 216，264 | 158 | 0．07\％ | 582 | 0．27\％ | 215，524 | 99．66\％ |
|  | SA | 109，363 | 234 | 0．21\％ | 433 | 0．40\％ | 108，696 | 99．39\％ |
|  | SI | 214，602 | 197 | 0．09\％ | 613 | 0．29\％ | 213，792 | 99．62\％ |
| $\begin{aligned} & \text { N } \\ & \text { yy } \end{aligned}$ | NB | 77，265 | 72 | 0．09\％ | 309 | 0．40\％ | 76，884 | 99．51\％ |
|  | NC | 212，956 | 262 | 0．12\％ | 2132 | 1．00\％ | 210，562 | 98．88\％ |
| TOTAL |  | 2，239，863 | 2，684 |  | 10，345 |  | 2，226，834 |  |

## C. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2006:

There were 9,240 pole conditions scheduled for corrective action in 2006. $99.50 \%$ of those conditions scheduled for 2006 were completed by December 31, 2006. 45 conditions were not corrected by December 31, 2006, representing $0.49 \%$ of pole conditions scheduled for 2006. 30 of the 45 pole conditions were not corrected by December 31, 2006 due to storm related response to damage and the movement of personnel out of area (e.g., mutual aid to Oregon \& Washington). The remaining 15 conditions were late due to administrative oversight, third party conditions, or material unavailability.

Abnormal conditions in the "Conditions Scheduled for Correction" column were identified in year 2005 and prior years. A facility reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, or received other appropriate action. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | Wood Poles Conditions Scheduled for Correction |
| :---: | :---: | :---: |
| 葠 | PN | 302 |
|  | SF | 305 |
| $\begin{aligned} & \text { N } \\ & \text { N } \\ & \text { y } \end{aligned}$ | DI | 279 |
|  | EB | 238 |
|  | MI | 244 |
| $\begin{gathered} \text { n} \\ \substack{\mathbf{y} \\ \underset{\alpha}{2}} \end{gathered}$ | CC | 421 |
|  | DA | 135 |
|  | SJ | 141 |
| $\begin{gathered} \stackrel{\rightharpoonup}{4} \\ \substack{\mathbf{x}} \end{gathered}$ | FR | 654 |
|  | KE | 592 |
|  | LP | 594 |
| $\begin{aligned} & \hline \text { n } \\ & \text { ux } \\ & \text { wax } \end{aligned}$ | ST | 967 |
|  | YO |  |
|  | NV | 797 |
|  | SA | 681 |
|  | SI | 496 |
| $\begin{aligned} & \text { N } \\ & \text { 部 } \end{aligned}$ | NB | 263 |
|  | NC | 1,081 |
| TOTAL |  | 9,240 |


| Number of Facilities |  |  |  |
| ---: | ---: | ---: | ---: |
| Corrected |  | Not Corrected |  |
| Number | Percent | Number | Percent |
| 302 | $100.00 \%$ | 0 | $0.00 \%$ |
| 305 | $100.00 \%$ | 0 | $0.00 \%$ |
| 263 | $94.27 \%$ | 15 | $5.70 \%$ |
| 238 | $100.00 \%$ | 0 | $0.00 \%$ |
| 238 | $97.54 \%$ | 6 | $2.52 \%$ |
| 421 | $100.00 \%$ | 0 | $0.00 \%$ |
| 135 | $100.00 \%$ | 0 | $0.00 \%$ |
| 141 | $100.00 \%$ | 0 | $0.00 \%$ |
| 654 | $100.00 \%$ | 0 | $0.00 \%$ |
| 592 | $100.00 \%$ | 0 | $0.00 \%$ |
| 578 | $97.31 \%$ | 16 | $2.77 \%$ |
| 967 | $100.00 \%$ | 0 | $0.00 \%$ |
| 1050 | $100.00 \%$ | 0 | $0.00 \%$ |
| 795 | $99.75 \%$ | 2 | $0.25 \%$ |
| 681 | $100.00 \%$ | 0 | $0.00 \%$ |
| 496 | $100.00 \%$ | 0 | $0.00 \%$ |
| 260 | $98.86 \%$ | 3 | $1.15 \%$ |
| 1078 | $99.72 \%$ | 3 | $0.28 \%$ |
| $\mathbf{9 , 1 9 4}$ |  | $\mathbf{4 5}$ |  |

## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012:

Abnormal conditions in the "Corrective Action Scheduled for 2007" column were identified in year 2006 and prior years. Scheduled corrective actions include estimated conditions related to pole base reinforcement. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).


## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: (continued)

Abnormal conditions in the "Corrective Action Scheduled for 2008" column were identified in year 2006 and prior years. Scheduled corrective actions include estimated conditions related to pole base reinforcement. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | EST QTY <br> Wood Poles |
| :---: | :---: | :---: |
| $\begin{aligned} & \underset{y}{4} \\ & \substack{x \\ 4 \\ \hline} \end{aligned}$ | PN | 66,653 |
|  | SF | 34,793 |
| $\begin{aligned} & \text { N } \\ & \substack{y \\ \\ \hline} \end{aligned}$ | DI | 59,575 |
|  | EB | 60,300 |
|  | MI | 55,809 |
| $\begin{aligned} & \text { n } \\ & \substack{\text { y } \\ \underset{4}{4}} \end{aligned}$ | CC | 133,740 |
|  | DA | 48,947 |
|  | SJ | 62,845 |
|  | FR | 260,808 |
|  | KE | 139,098 |
|  | LP | 102,496 |
| $\begin{aligned} & \hline n \\ & \substack{4 \\ \\ \hline \\ \hline} \end{aligned}$ | ST | 152,961 |
|  | YO | 231,388 |
| $\begin{aligned} & 0 \\ & \substack{4 \\ 4 \\ \\ \hline} \end{aligned}$ | NV | 216,264 |
|  | SA | 109,363 |
|  | SI | 214,602 |
| $\begin{aligned} & \underset{\sim}{4} \\ & \substack{x \\ 4 \\ \hline} \end{aligned}$ | NB | 77,265 |
|  | NC | 212,956 |

TOTAL 2,239,863

| Corrective Action <br> Scheduled for 2008 |  |
| ---: | ---: |
| Number ${ }^{15}$ | Percent |
| 613 | $0.92 \%$ |
| 111 | $0.32 \%$ |
| 607 | $1.02 \%$ |
| 644 | $1.07 \%$ |
| 268 | $0.48 \%$ |
| 313 | $0.23 \%$ |
| 37 | $0.08 \%$ |
| 1,049 | $1.67 \%$ |
| 4,140 | $1.59 \%$ |
| 821 | $0.59 \%$ |
| 283 | $0.28 \%$ |
| 1,082 | $0.71 \%$ |
| 3,128 | $1.35 \%$ |
| 1,372 | $0.63 \%$ |
| 106 | $0.10 \%$ |
| 349 | $0.16 \%$ |
| 1,431 | $1.85 \%$ |
| 1,950 | $0.92 \%$ |
| $\mathbf{1 8 , 3 0 4}$ |  |

[^7] Number of poles scheduled includes estimated pole base reinforcements.

## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: (continued)

Abnormal conditions in the "Corrective Action Scheduled for 2009" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | EST QTY <br> Wood Poles | Corrective Action <br> Scheduled for 2009 |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Number | Percent |
| $\begin{gathered} \underset{y}{\mid} \\ \substack{\underset{\sim}{2} \\ \hline} \end{gathered}$ | PN |  | 66,653 | 46 | 0.07\% |
|  | SF | 34,793 | 41 | 0.12\% |
|  | DI | 59,575 | 132 | 0.22\% |
|  | EB | 60,300 | 356 | 0.59\% |
|  | MI | 55,809 | 81 | 0.15\% |
| $\begin{aligned} & \text { N } \\ & \substack{\mathbf{n} \\ \\ \hline} \end{aligned}$ | CC | 133,740 | 66 | 0.05\% |
|  | DA | 48,947 | 79 | 0.16\% |
|  | SJ | 62,845 | 156 | 0.25\% |
|  | FR | 260,808 | 635 | 0.24\% |
|  | KE | 139,098 | 198 | 0.14\% |
|  | LP | 102,496 | 229 | 0.22\% |
| $\begin{aligned} & n \\ & \substack{n \\ \cline { 1 - 1 } \\ \\ \hline} \end{aligned}$ | ST | 152,961 | 714 | 0.47\% |
|  | YO | 231,388 | 799 | 0.35\% |
|  | NV | 216,264 | 601 | 0.28\% |
|  | SA | 109,363 | 33 | 0.03\% |
|  | SI | 214,602 | 144 | 0.07\% |
| $\begin{aligned} & \text { N } \\ & \text { y } \\ & \text { n } \\ & \hline \end{aligned}$ | NB | 77,265 | 581 | 0.75\% |
|  | NC | 212,956 | 762 | 0.36\% |
| TOTAL 2,239,863 |  |  | 5,653 |  |

## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: (continued)

Abnormal conditions in the "Corrective Action Scheduled for 2010" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | EST QTY <br> Wood Poles |
| :---: | :---: | :---: |
| $\begin{aligned} & \underset{y}{4} \\ & \substack{n \\ 4} \end{aligned}$ | PN | 66,653 |
|  | SF | 34,793 |
| $\begin{aligned} & \text { N } \\ & \substack{1 \\ \\ \hline} \end{aligned}$ | DI | 59,575 |
|  | EB | 60,300 |
|  | MI | 55,809 |
| $\begin{aligned} & \text { n } \\ & \substack{4 \\ 4\\ } \end{aligned}$ | CC | 133,740 |
|  | DA | 48,947 |
|  | SJ | 62,845 |
|  | FR | 260,808 |
|  | KE | 139,098 |
|  | LP | 102,496 |
|  | ST | 152,961 |
|  | YO | 231,388 |
| $\begin{aligned} & 0 \\ & \substack{4 \\ \cline { 1 - 1 } \\ \hline \\ \hline} \end{aligned}$ | NV | 216,264 |
|  | SA | 109,363 |
|  | SI | 214,602 |
|  | NB | 77,265 |
|  | NC | 212,956 |

TOTAL 2,239,863

| Corrective Action <br> Scheduled for 2010 |  |
| ---: | :---: |
| Number | Percent |
| 21 | $0.03 \%$ |
| 33 | $0.09 \%$ |
| 2 | $0.00 \%$ |
| 27 | $0.04 \%$ |
| 4 | $0.01 \%$ |
| 2 | $0.00 \%$ |
| 14 | $0.03 \%$ |
| 42 | $0.07 \%$ |
| 254 | $0.10 \%$ |
| 1 | $0.00 \%$ |
| 38 | $0.04 \%$ |
| 819 | $0.54 \%$ |
| 100 | $0.48 \%$ |
| 98 | $0.05 \%$ |
| 4 | $0.00 \%$ |
| 7 | $0.00 \%$ |
| 76 | $0.10 \%$ |
| 610 | $0.29 \%$ |

3,152

## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: (continued)

Abnormal conditions in the "Corrective Action Scheduled for 2011" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | EST QTY <br> Wood Poles |
| :---: | :---: | :---: |
| $\begin{aligned} & \overrightarrow{4} \\ & \substack{4 \\ 4 \\ \hline} \end{aligned}$ | PN | 66,653 |
|  | SF | 34,793 |
|  | DI | 59,575 |
|  | EB | 60,300 |
|  | MI | 55,809 |
| $$ | CC | 133,740 |
|  | DA | 48,947 |
|  | SJ | 62,845 |
| $\begin{gathered} \underset{y}{*} \\ \substack{\underset{y}{*}\\ } \end{gathered}$ | FR | 260,808 |
|  | KE | 139,098 |
|  | LP | 102,496 |
|  | ST | 152,961 |
|  | YO | 231,388 |
|  | NV | 216,264 |
|  | SA | 109,363 |
|  | SI | 214,602 |
| $\begin{aligned} & \text { N } \\ & \substack{1 \\ \\ \hline} \end{aligned}$ | NB | 77,265 |
|  | NC | 212,956 |

TOTAL 2,239,863

| Corrective Action <br> Scheduled for 2011 |  |
| ---: | ---: |
| Number | Percent |
| 8 | $0.01 \%$ |
| 2 | $0.01 \%$ |
| 3 | $0.01 \%$ |
| 195 | $0.32 \%$ |
| 15 | $0.03 \%$ |
| 1 | $0.00 \%$ |
| 3 | $0.01 \%$ |
| 5 | $0.01 \%$ |
| 31 | $0.01 \%$ |
| 9 | $0.01 \%$ |
| 25 | $0.02 \%$ |
| 716 | $0.47 \%$ |
| 363 | $0.16 \%$ |
| 21 | $0.01 \%$ |
| 3 | $0.00 \%$ |
| 0 | $0.00 \%$ |
| 10 | $0.01 \%$ |
| 253 | $0.12 \%$ |
| $\mathbf{1 , 6 6 3}$ |  |

## D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2007 THROUGH 2012: (continued)

Abnormal conditions in the "Corrective Action Scheduled for 2012" column were identified in year 2006 and prior years. When multiple conditions are observed at the same location, only the highest priority item is reported (with the shortest correction time period reflected).

| Division |  | EST QTYWood Poles | Corrective Action <br> Scheduled for 2012 |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Number | Percent |
| $$ | PN |  | 66,653 |  | 0.00\% |
|  | SF | 34,793 | 5 | 0.01\% |
| $\stackrel{N}{\substack{y}}$ | DI | 59,575 |  | 0.00\% |
|  | EB | 60,300 | 3 | 0.00\% |
|  | MI | 55,809 | 26 | 0.05\% |
| $\begin{gathered} \text { m } \\ \substack{\mathbf{y}} \end{gathered}$ | CC | 133,740 | 2 | 0.00\% |
|  | DA | 48,947 | 2 | 0.00\% |
|  | SJ | 62,845 | 1 | 0.00\% |
|  | FR | 260,808 | 6 | 0.00\% |
|  | KE | 139,098 | 1 | 0.00\% |
|  | LP | 102,496 | 50 | 0.05\% |
|  | ST | 152,961 | 5 | 0.00\% |
|  | YO | 231,388 | 190 | 0.08\% |
|  | NV | 216,264 | 39 | 0.02\% |
|  | SA | 109,363 | 11 | 0.01\% |
|  | SI | 214,602 | 2 | 0.00\% |
| $\begin{aligned} & \stackrel{N}{4} \\ & \stackrel{y}{y} \\ & \stackrel{y}{c} \end{aligned}$ | NB | 77,265 | 6 | 0.01\% |
|  | NC | 212,956 | 20 | 0.01\% |
| TOTAL 2,239,863 |  |  | 369 |  |


[^0]:    ${ }^{1}$ Overhead inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, Overhead Conductors and Cables.

[^1]:    ${ }^{2}$ Underground inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, and Padmounted equipment.

[^2]:    3 See statement of estimating practice of facility counts on page i of this Report.

[^3]:    4 See statement of estimating practice of facility counts on page i of this Report.

[^4]:    8 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate line item from all other Overhead Protective Devices.

[^5]:    11 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate table from all other Overhead Protective Devices.

[^6]:    13 The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and is not included in the "Estimated Quantity" of Protective Devices; therefore, abnormal conditions identified for Overhead Lightning Arrestors are indicated in a separate table from all other Overhead Protective Devices.

[^7]:    15

