

**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

I.95-02-015  
(Filed February 22, 1995)

Order Instituting Rulemaking for Electric  
Distribution Facility Standard Setting

U 39 G

R.96-11-004  
(Filed November 6, 1996)

**PACIFIC GAS AND ELECTRIC COMPANY GENERAL  
ORDER 165 COMPLIANCE PLAN FOR 2009 AND  
ANNUAL COMPLIANCE REPORT FOR 2007  
SUBMITTED PURSUANT TO CPUC DECISION 97-03-070**

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Dated: July 1, 2008

Attorneys for  
PACIFIC GAS AND ELECTRIC COMPANY

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Pursuant to Commission direction, Pacific Gas and Electric Company submits its  
annual compliance plan and compliance report, attached as Appendix "A"

Respectfully Submitted,

BARBARA H. CLEMENT

By:                           /S/    
BARBARA H. CLEMENT

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Attorneys for  
PACIFIC GAS AND ELECTRIC COMPANY

Dated: July 1, 2008

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 and 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 2009 AND ANNUAL COMPLIANCE REPORT  
FOR 2007 SUBMITTED PURSUANT TO CPUC DECISION 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 1st day of July 2008.

\_\_\_\_\_  
/S/  
BRIAN K. CHERRY  
Vice-President, Regulatory Relations

CERTIFICATE OF SERVICE BY MAIL

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 Pacific Gas and Electric Company, Law Department B30A, 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 the 1<sup>st</sup> day of July, 2008, I served a true copy of:

PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165  
COMPLIANCE PLAN FOR 2009 AND ANNUAL COMPLIANCE REPORT  
FOR 2007 SUBMITTED PURSUANT TO CPUC DECISION 97-03-070

**[XX]** By Electronic Mail – serving the enclosed via e-mail transmission to each of the parties listed on the official service lists for I.95-02-015 and R.96-11-004 providing an e-mail address.

**[XX]** By U.S. Mail – by placing the enclosed for collection and mailing, in the course of ordinary business practice, with other correspondence of Pacific Gas and Electric Company, enclosed in a sealed envelope, with postage fully prepaid, addressed to those parties listed on the official service lists for I.95-02-015 and R.96-11-004 without an e-mail address.

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 this 1<sup>st</sup> day of July, 2008 at San Francisco, California.

\_\_\_\_\_  
/S/  
Jennifer S. Newman

## **APPENDIX “A”**

**PACIFIC GAS & ELECTRIC COMPANY**  
**GENERAL ORDER 165 COMPLIANCE PLAN FOR 2009**  
**AND ANNUAL COMPLIANCE REPORT FOR 2007**  
**SUBMITTED PURSUANT TO CPUC DECISION NO. 97-03-070**

July 1, 2008

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**PACIFIC GAS & ELECTRIC COMPANY  
GENERAL ORDER 165 COMPLIANCE PLAN FOR 2009  
AND ANNUAL COMPLIANCE REPORT FOR 2007**

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 2009 (attached as Appendix A), which describes how PG&E intends to comply in 2009 with the requirements set forth in G.O. 165. PG&E will continue to work with the CPUC staff to look for updates to the program to improve the safety and reliability of PG&E's electric distribution system.

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 2007 (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, 100% of the poles which required patrols were completed, and 100% of the enclosures which required patrols were completed by December 31, 2007. 100% of the poles which required inspections were completed, and 99.98% of the enclosures which required inspection were completed by December 31, 2007. 22 or 0.02% enclosures which required inspections were not completed by December 31, 2007. These remaining inspections are scheduled to be completed by July 31, 2008. 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, 98.96% of 52,488 equipment conditions, and 98.21% of pole conditions scheduled for corrective action in 2007, were completed by December 31, 2007. 545 or 1.05% equipment conditions, and 116 or 1.82%

pole conditions were not corrected by December 31, 2007. These remaining corrective actions are scheduled for completion by October 31, 2008.

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:

<b>Abbreviation</b>	<b>District (Division)</b>
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

**2009 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 prioritized and entered into a computerized maintenance system. This system generates a unique Electric Corrective Maintenance (“EC”) notification record, with the corresponding highest priority condition, which allows for the efficient tracking of activities based on work priorities. EC 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 2009 will not be patrolled, as a patrol is an integral part of an inspection.

### A. OVERHEAD FACILITIES:

Number of Poles by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	11,174	11,174	11,174	11,174	44,696
	SF	8,000	8,000	8,000	2,261	26,261
AREA 2	DI	11,078	11,077	11,077	11,077	44,309
	EB	11,898	11,897	11,897	11,898	47,590
	MI	10,000	10,000	10,000	10,062	40,062
AREA 3	CC	0	40,000	10,000	34,640	84,640
	DA	9,662	14,876	9,619	4,654	38,811
	SJ	10,907	10,907	10,907	245	32,966
AREA 4	FR	37,984	23,020	17,265	36,832	115,101
	KE	19,092	19,092	19,092	19,092	76,368
	LP	14,375	14,375	0	28,750	57,500
AREA 5	ST	20,162	30,243	24,243	6,000	80,648
	YO	28,499	28,499	28,499	28,499	113,996
AREA 6	NV	27,455	27,466	27,430	27,363	109,714
	SA	12,642	12,642	12,642	12,639	50,565
	SI	30,000	20,807	20,807	30,000	101,614
AREA 7	NB	10,612	10,612	10,612	10,611	42,447
	NC	13,250	39,350	13,020	26,250	91,870
<b>TOTAL</b>		<b>286,790</b>	<b>344,037</b>	<b>256,284</b>	<b>312,047</b>	<b>1,199,158</b>

**B. UNDERGROUND FACILITIES:**

Number of Enclosures by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	4,000	3,231	3,231	4,000	<b>14,462</b>
	SF	2,500	2,500	2,500	1,110	<b>8,610</b>
AREA 2	DI	4,927	4,926	4,926	4,926	<b>19,705</b>
	EB	2,098	2,097	2,097	2,098	<b>8,390</b>
	MI	7,000	6,000	6,000	7,064	<b>26,064</b>
AREA 3	CC	1,000	4,000	3,000	1,543	<b>9,543</b>
	DA	2,149	4,382	2,075	0	<b>8,606</b>
	SJ	5,608	5,608	5,608	279	<b>17,103</b>
AREA 4	FR	5,202	3,153	5,044	2,366	<b>15,765</b>
	KE	2,595	2,595	2,595	2,595	<b>10,380</b>
	LP	7,208	0	0	0	<b>7,208</b>
AREA 5	ST	3,195	3,195	3,195	3,195	<b>12,780</b>
	YO	1,043	1,043	1,043	1,043	<b>4,172</b>
AREA 6	NV	1,460	1,465	1,470	1,408	<b>5,803</b>
	SA	3,462	3,462	3,462	3,462	<b>13,848</b>
	SI	2,309	2,309	2,309	2,309	<b>9,236</b>
AREA 7	NB	2,488	2,488	2,487	2,487	<b>9,950</b>
	NC	2,824	2,541	2,541	3,105	<b>11,011</b>
<b>TOTAL</b>		<b>61,068</b>	<b>54,995</b>	<b>53,583</b>	<b>42,990</b>	<b>212,636</b>

### 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<sup>1</sup> FACILITIES:

Number of Poles by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	2,200	4,096	4,097	2,200	12,593
	SF	1,800	1,800	1,800	1,623	7,023
AREA 2	DI	2,938	2,937	2,937	2,937	11,749
	EB	2,833	2,833	2,833	2,833	11,332
	MI	2,000	6,480	6,480	2,000	16,960
AREA 3	CC	0	2,128	18,000	8,000	28,128
	DA	3,173	3,612	1,808	744	9,337
	SJ	4,743	4,743	4,743	746	14,975
AREA 4	FR	9,647	15,920	15,435	7,235	48,237
	KE	7,246	7,243	7,243	7,243	28,975
	LP	0	13,933	6,966	0	20,899
AREA 5	ST	7,186	7,186	7,186	7,186	28,744
	YO	12,102	12,102	12,102	12,102	48,408
AREA 6	NV	6,001	5,918	5,920	5,835	23,674
	SA	5,844	5,844	5,844	5,845	23,377
	SI	11,217	11,217	11,217	11,217	44,868
AREA 7	NB	3,679	3,679	3,679	3,679	14,716
	NC	8,897	11,050	11,050	4,450	35,447
<b>TOTAL</b>		<b>91,506</b>	<b>122,721</b>	<b>129,340</b>	<b>85,875</b>	<b>429,442</b>

<sup>1</sup> Overhead inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, Overhead Conductors and Cables.

**B. UNDERGROUND<sup>2</sup> FACILITIES:**

Number of Enclosures by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	1,000	1,328	1,343	1,000	<b>4,671</b>
	SF	1,300	1,300	1,300	1,146	<b>5,046</b>
AREA 2	DI	2,416	2,416	2,416	2,416	<b>9,664</b>
	EB	968	967	967	968	<b>3,870</b>
	MI	3,100	3,400	3,400	2,414	<b>12,314</b>
AREA 3	CC	3,100	3,063	0	0	<b>6,163</b>
	DA	1,155	1,768	965	1,005	<b>4,893</b>
	SJ	3,236	3,236	3,236	574	<b>10,282</b>
AREA 4	FR	2,061	3,401	3,298	1,548	<b>10,308</b>
	KE	1,105	1,102	1,102	1,102	<b>4,411</b>
	LP	0	0	2,599	1,300	<b>3,899</b>
AREA 5	ST	1,418	2,127	1,064	1,064	<b>5,673</b>
	YO	1,075	1,075	1,075	1,075	<b>4,300</b>
AREA 6	NV	845	846	850	824	<b>3,365</b>
	SA	1,689	1,689	1,689	1,690	<b>6,757</b>
	SI	864	2,200	2,200	2,100	<b>7,364</b>
AREA 7	NB	1,196	1,196	1,195	1,195	<b>4,782</b>
	NC	1,275	1,952	1,952	1,275	<b>6,454</b>
<b>TOTAL</b>		<b>27,803</b>	<b>33,066</b>	<b>30,651</b>	<b>22,696</b>	<b>114,216</b>

<sup>2</sup> Underground inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, and Padmounted equipment.



#### IV. INTRUSIVE INSPECTIONS SCHEDULED

PG&E plans to test and treat a total of approximately 234,200 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.

There were approximately 35,000 poles that were inaccessible in the field during the initial visits over the past years. All inaccessible poles were tested in 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.

<b>Program Progress By Year</b>			
	<b>Year</b>	<b>No. of Poles Completed</b>	<b>No. of Poles Planned</b>
	<b>1999</b>	<b>251,559</b>	
	<b>2000</b>	<b>200,774</b>	
	<b>2001</b>	<b>215,004</b>	
	<b>2002</b>	<b>269,676</b>	
	<b>2003</b>	<b>200,115</b>	
	<b>2004</b>	<b>259,845</b>	
	<b>2005</b>	<b>238,363</b>	
	<b>2006</b>	<b>208,778</b>	
	<b>2007</b>	<b>243,484</b>	
	<b>2008</b>		<b>234,200</b>
	<b>2009</b>		<b>235,000</b>

**2007 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 prioritized and entered into a computerized maintenance system. This system generates a unique Electric Corrective Maintenance (“EC”) notification record, with the corresponding highest priority condition, which allows for the efficient tracking of activities based on work priorities. EC 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 2007 was based on an estimate<sup>3</sup> of poles and enclosures to be patrolled in 2007. The actual number of poles and enclosures patrolled in 2007 is reflected in the table on the next page.

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.

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<sup>3</sup> See statement of estimating practice of facility counts on page i of this Report.

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
AREA 1	PN	42,092	42,043	-49	9,270	9,658	388
	SF	30,400	26,313	-4,087	8,601	8,474	-127
AREA 2	DI	43,603	43,363	-240	18,317	18,856	539
	EB	46,468	45,638	-830	7,714	7,877	163
	MI	45,363	44,853	-510	24,326	25,385	1,059
AREA 3	CC	75,085	74,435	-650	5,290	10,069	4,779
	DA	40,985	40,977	-8	9,069	9,228	159
	SJ	40,712	40,805	93	19,160	19,639	479
AREA 4	FR	98,529	97,265	-1264	13,742	14,948	1,206
	KE	76,146	76,447	301	9,256	9,958	702
	LP	62,308	63,283	975	7,616	8,133	517
AREA 5	ST	72,474	71,307	-1,167	13,636	12,985	-651
	YO	89,372	83,645	-5,727	5,953	6,986	1,033
AREA 6	NV	106,640	108,396	1,756	5,750	4,290	-1,460
	SA	63,332	57,897	-5,435	12,439	12,956	517
	SI	133,847	135,669	1,822	11,548	11,611	63
AREA 7	NB	41,504	41,854	350	9,674	9,837	163
	NC	78,017	78,921	904	13,125	10,864	-2,261
<b>TOTAL</b>		<b>1,186,877</b>	<b>1,173,111</b>	<b>N/A</b>	<b>204,486</b>	<b>211,754</b>	<b>N/A</b>
<b>L</b>							

### **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 2007 was based on an estimate<sup>4</sup> of poles and enclosures to be inspected in 2007. The actual number of poles and enclosures inspected in 2007 is reflected in the table on the next page.

We completed 100% of the poles scheduled for inspections. For enclosures, we completed 99.98% of the enclosures. 22 enclosures, or 0.02%, requiring inspections in 2007 were not completed by December 31, 2007 primarily due third party access and administrative oversight. These remaining inspections are scheduled for completion by July 31, 2008.

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.

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<sup>4</sup> See statement of estimating practice of facility counts on page i of this Report.

Division		OVERHEAD			UNDERGROUND		
		No. of Poles Planned for Inspection	No. of Poles Inspected	Difference Between No. Planned and Inspected	No. of Enclosures Planned for Inspection	No. of Enclosures Inspected	Difference Between No. Planned and Inspected
AREA 1	PN	18,711	18,695	-16	5,554	5,759	205
	SF	3,536	6,971	3,435	4,423	5,187	764
AREA 2	DI	11,908	11,632	-276	10,617	11,501	884
	EB	12,883	13,258	375	4,294	4,372	78
	MI	12,040	11,931	-109	12,390	12,889	499
AREA 3	CC	24,900	24,906	6	9,602	5,558	-4,044
	DA	7,203	7,171	-32	4,244	4,271	27
	SJ	10,395	10,173	-222	9,635	10,259	624
AREA 4	FR	49,115	49,845	730	9,098	9,724	626
	KE	25,986	25,247	-739	6,253	5,979	-274
	LP	19,738	20,123	385	3,979	4,136	157
AREA 5	ST	39,079	42,599	3,520	4,882	6,411	1,529
	YO	48,920	48,026	-894	4,455	4,681	226
AREA 6	NV	45,503	45,443	-60	3,279	3,420	141
	SA	20,898	20,322	-576	6,049	6,798	749
	SI	41,658	41,788	130	6,465	6,550	85
AREA 7	NB	13,668	13,865	197	5,244	5,355	111
	NC	47,623	41,464	-6,159	6,964	7,277	313
<b>TOTAL</b>		<b>453,764</b>	<b>453,459</b>	<b>N/A</b>	<b>117,427</b>	<b>120,127</b>	<b>N/A</b>

#### 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

<b>Transformers</b>	Includes overhead and underground transformers. Pad-mounted equipment is included in the underground category.
<b>Switches &amp; Disconnects</b>	Includes fuses.
<b>Protective Devices</b> <sup>5</sup>	Includes reclosers, sectionalizers, and underground interrupters. Does not include lightning arrestors.
<b>Voltage Regulation</b>	Includes capacitors, step-down transformers, overhead boosters, overhead auto-boosters, and overhead regulators.
<b>Conductors &amp; Cables</b>	Includes all other conditions that do not fall into the four specific categories above, excluding pole facility type, which is addressed in Section V, Wood Poles. For comparison purposes, number of poles and enclosures will be used, as PG&E’s database does not track the quantity of overhead and underground conductor and cable.

Abnormal conditions identified receive a grading as follows for most of 2007:

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

In October, 2007 PG&E converted the database to a new system which translated grading into priority codes. Going forward, the system priority codes for Electric Corrective Notifications (EC) are as described in the following table:

<sup>5</sup> 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.



Notification -Order Type	Description	Priority
Corrective Work	CW - Necessary to resolve an unsafe situation and is immediate response work.	<b>A</b>
Corrective Work	CW - Necessary to restore service and is immediate response work.	<b>C</b>
Corrective Work	CW - Necessary to maintain compliance. This is work that must be completed and can not be deferred. Examples are tags that have the potential for becoming a significant safety issue, tags to de-energize idle facilities, migratory bird tags, voltage complaint tags, CPUC audit tags, OH Urban Wildfire notifications (refer to bulletin), or poles with less than or equal to one inch remaining shell thickness and have already been reassessed once.	<b>G</b>
Corrective Work	CW - Necessary for system repair/improvement. <b>See sub-priorities below.</b>	<b>P</b>
Corrective Work	CW - P1 Sub-priority entered in notification. Necessary for system repair/improvement and have a high probability of impacting safety, reliability, or asset life. Examples of this priority includes tags for specific safety and/or reliability such as Equipment Requiring Repair (ERR): switches, reclosers, regulators, interrupters, sectionalizers, capacitors (on a seasonal basis), SCADA, and streetlight outages not a result of a "burn-out" that require additional repair work by a crew.	<b>P1</b>
Corrective Work	CW - P2 Sub-priority entered in notification. Necessary for system repair/improvement impacting safety, reliability, or asset life.	<b>P2</b>
Corrective Work	CW - P3 Sub-priority entered in notification. In reviewing the documented condition and comparison to the probability and impact matrix, it is determined that the condition does not pose a significant safety and/or reliability issue at this time. This is work deemed low priority and has little impact on safety, reliability, and asset life. Examples of this priority are marking only tags and fault indicator only tags. This priority also includes monitor only tags other than idle facilities.	<b>P3</b>
Corrective Work	CW - P4 Sub-priority entered in notification. These are idle facility monitor tags and work deemed lowest priority and have no impact on safety, reliability, and asset life. The EPCM Grade 3 notification is an example of P4.	<b>P4</b>

**A. CONDITIONS REPORTED IN 2007:**

At individual locations where, in the opinion of the QCR, abnormal conditions warrant maintenance activity, the highest priority condition shall be given a priority and entered into a computerized maintenance system. The system generates a unique Electric Preventive Corrective Maintenance (“EPCM”) notification record or an Electric Corrective (EC) notification. The following tables indicate those EPCM notification records generated in 2007. 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 2007				No Corrective Action	
		Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
		Number	Percent	Number	Percent		
<b>Transformers</b>							
Overhead	788,896	4,574	0.58%	2,745	0.35%	781,577	99%
Underground	213,528	905	0.42%	2,499	1.17%	210,124	98%
<b>Switches &amp; Disconnects</b>							
Overhead	168,072	1,843	1.10%	2,709	1.61%	163,520	98%
Underground	125,637	50	0.04%	614	0.49%	124,973	99%
<b>Protective Devices<sup>6</sup></b>							
Overhead Lightning Arrestors	<i>Data Not Available</i>	237	N/A	530	N/A	<i>Data Not Available</i>	N/A
Overhead Reclosers/Sectionalizers	4,736	106	2.24%	405	8.55%	4,225	88%
Underground	900	18	2.00%	95	10.56%	787	95%
<b>Voltage Regulation</b>							
Overhead	16,714	203	1.21%	1,633	9.77%	14,878	70%
Underground	497	5	1.01%	33	6.64%	459	94%
<b>Conductors &amp; Cables</b>							
Overhead	2,239,863	16,269	0.73%	39,629	1.77%	2,183,965	97.81%
Underground	333,638	4,228	1.27%	9,957	2.98%	319,453	95.55%

<sup>6</sup> 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 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD TRANSFORMERS**

Division		Transformers OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	22,788	132	0.58%	118	0.52%	22,538	98.90%
	SF	9,839	77	0.78%	112	1.14%	9,650	98.08%
AREA 2	DI	21,468	124	0.58%	55	0.26%	21,289	99.17%
	EB	19,580	107	0.55%	130	0.66%	19,343	98.79%
	MI	18,422	82	0.45%	40	0.22%	18,300	99.34%
AREA 3	CC	45,207	296	0.65%	118	0.26%	44,793	99.08%
	DA	17,500	73	0.42%	25	0.14%	17,402	99.44%
	SJ	22,513	98	0.44%	36	0.16%	22,379	99.40%
AREA 4	FR	97,571	595	0.61%	402	0.41%	96,574	98.98%
	KE	43,180	295	0.68%	72	0.17%	42,813	99.15%
	LP	35,263	456	1.29%	93	0.26%	34,714	98.44%
AREA 5	ST	62,832	377	0.60%	195	0.31%	62,260	99.09%
	YO	85,444	466	0.55%	438	0.51%	84,540	98.94%
AREA 6	NV	70,617	317	0.45%	220	0.31%	70,080	99.24%
	SA	31,835	189	0.59%	121	0.38%	31,525	99.03%
	SI	81,352	310	0.38%	167	0.21%	80,875	99.41%
AREA 7	NB	26,444	104	0.39%	78	0.29%	26,262	99.31%
	NC	77,041	476	0.62%	325	0.42%	76,240	98.96%
<b>TOTAL</b>		<b>788,896</b>	<b>4,574</b>	<b>0.58%</b>	<b>2,745</b>	<b>0.35%</b>	<b>781,577</b>	<b>99.07%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD SWITCHES AND DISCONNECTS**

	Division	Switches & Disconnects OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	7,085	120	1.69%	162	2.29%	6,803	96.02%
	SF	3,571	35	0.98%	79	2.21%	3,457	96.81%
AREA 2	DI	7,410	60	0.81%	128	1.73%	7,222	97.46%
	EB	6,060	56	0.92%	117	1.93%	5,887	97.15%
	MI	7,029	37	0.53%	91	1.29%	6,901	98.18%
AREA 3	CC	11,202	151	1.35%	130	1.16%	10,921	97.49%
	DA	5,663	29	0.51%	51	0.90%	5,583	98.59%
	SJ	8,026	24	0.30%	69	0.86%	7,933	98.84%
AREA 4	FR	16,693	184	1.10%	378	2.26%	16,131	96.63%
	KE	9,553	217	2.27%	126	1.32%	9,210	96.41%
	LP	7,450	108	1.45%	226	3.03%	7,116	95.52%
AREA 5	ST	10,829	131	1.21%	155	1.43%	10,543	97.36%
	YO	11,702	122	1.04%	204	1.74%	11,376	97.21%
AREA 6	NV	10,924	99	0.91%	170	1.56%	10,655	97.54%
	SA	6,347	96	1.51%	101	1.59%	6,150	96.90%
	SI	15,273	153	1.00%	153	1.00%	14,967	98.00%
AREA 7	NB	7,301	46	0.63%	89	1.22%	7,166	98.15%
	NC	15,954	175	1.10%	280	1.76%	15,499	97.15%
<b>TOTAL</b>		<b>168,072</b>	<b>1,843</b>	<b>1.10%</b>	<b>2,709</b>	<b>1.61%</b>	<b>163,520</b>	<b>97.29%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>7</sup>**

Division		Protective Devices (Lightning Arrestors) OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	<i>Data Not Available</i>		N/A		N/A	<i>Data Not Available</i>	
	SF			N/A	2	N/A		
AREA 2	DI	<i>Data Not Available</i>		N/A	3	N/A	<i>Data Not Available</i>	
	EB			N/A		N/A		
	MI			N/A		N/A		
AREA 3	CC	<i>Data Not Available</i>	2	N/A	4	N/A	<i>Data Not Available</i>	
	DA		1	N/A		N/A		
	SJ			N/A		N/A		
AREA 4	FR	<i>Data Not Available</i>	52	N/A	176	N/A	<i>Data Not Available</i>	
	KE		55	N/A	46	N/A		
	LP		1	N/A	17	N/A		
AREA 5	ST	<i>Data Not Available</i>	2	N/A	2	N/A	<i>Data Not Available</i>	
	YO		25	N/A	57	N/A		
AREA 6	NV	<i>Data Not Available</i>	20	N/A	55	N/A	<i>Data Not Available</i>	
	SA		29	N/A	30	N/A		
	SI		34	N/A	61	N/A		
AREA 7	NB	<i>Data Not Available</i>		N/A	5	N/A	<i>Data Not Available</i>	
	NC		16	N/A	72	N/A		
<b>TOTAL</b>				<b>237</b>		<b>530</b>		

<sup>7</sup> 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 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES  
(RECLOSURES/SECTIONALIZERS)**

Division		Protective Devices (Reclosers/ Sectionalizers) OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	156		21.28%	6	3.85%	148	94.87%
	SF	57		11.75%	5	8.77%	51	89.47%
AREA 2	DI	169		10.59%	10	5.92%	158	93.49%
	EB	124		64.84%	19	15.32%	99	79.84%
	MI	146		00.00%	10	6.85%	136	93.15%
AREA 3	CC	435		132.99%	10	2.30%	412	94.71%
	DA	121		32.48%	10	8.26%	108	89.26%
	SJ	169		52.96%	6	3.55%	158	93.49%
AREA 4	FR	466		91.93%	18	3.86%	439	94.21%
	KE	246		72.85%	54	21.95%	185	75.20%
	LP	200		84.00%	13	6.50%	179	89.50%
AREA 5	ST	256		51.95%	19	7.42%	232	90.63%
	YO	527		20.38%	34	6.45%	491	93.17%
AREA 6	NV	395		61.52%	32	8.10%	357	90.38%
	SA	228		31.32%	32	14.04%	193	84.65%
	SI	365		287.67%	30	8.22%	307	84.11%
AREA 7	NB	189		10.53%	19	10.05%	169	89.42%
	NC	487		61.23%	78	16.02%	403	82.75%
<b>TOTAL</b>		<b>4,736</b>		<b>1062.24%</b>	<b>405</b>	<b>8.55%</b>	<b>4,225</b>	<b>89.21%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD VOLTAGE REGULATION**

Division		Voltage Regulation OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	611	6	0.98%	64	10.47%	541	88.54%
	SF	356	3	0.84%	48	13.48%	305	85.67%
AREA 2	DI	542	5	0.92%	85	15.68%	452	83.39%
	EB	477	1	0.21%	53	11.11%	423	88.68%
	MI	684	6	0.88%	91	13.30%	587	85.82%
AREA 3	CC	811	15	1.85%	100	12.33%	696	85.82%
	DA	458	5	1.09%	36	7.86%	417	91.05%
	SJ	626	4	0.64%	48	7.67%	574	91.69%
AREA 4	FR	2,067	40	1.94%	214	10.35%	1,813	87.71%
	KE	1,370	24	1.75%	154	11.24%	1,192	87.01%
	LP	732	15	2.05%	44	6.01%	673	91.94%
AREA 5	ST	1,109	21	1.89%	96	8.66%	992	89.45%
	YO	1,632	11	0.67%	121	7.41%	1,500	91.91%
AREA 6	NV	1,330	12	0.90%	81	6.09%	1,237	93.01%
	SA	957	18	1.88%	118	12.33%	821	85.79%
	SI	1,181	13	1.10%	94	7.96%	1,074	90.94%
AREA 7	NB	504	0	0.00%	57	11.31%	447	88.69%
	NC	1,267	4	0.32%	129	10.18%	1,134	89.50%
<b>TOTAL</b>		<b>16,714</b>	<b>203</b>	<b>1.21%</b>	<b>1,633</b>	<b>9.77%</b>	<b>14,878</b>	<b>89.02%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD CONDUCTORS AND CABLES**

Division		Conductors & Cable OVERHEAD	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	66,653	1,053	1.58%	2,590	3.89%	63,010	94.53%
	SF	34,793	563	1.62%	1,928	5.54%	32,302	92.84%
AREA 2	DI	59,575	492	0.83%	1,059	1.78%	58,024	97.40%
	EB	60,300	655	1.09%	3,441	5.71%	56,204	93.21%
	MI	55,809	336	0.60%	706	1.27%	54,767	98.13%
AREA 3	CC	133,740	1,233	0.92%	1,664	1.24%	130,843	97.83%
	DA	48,947	559	1.14%	1,163	2.38%	47,225	96.48%
	SJ	62,845	433	0.69%	1,285	2.04%	61,127	97.27%
AREA 4	FR	260,808	1,262	0.48%	3,253	1.25%	256,293	98.27%
	KE	139,098	1,288	0.93%	1,802	1.30%	136,008	97.78%
	LP	102,496	698	0.68%	1,935	1.89%	99,863	97.43%
AREA 5	ST	152,961	998	0.65%	2,236	1.46%	149,727	97.89%
	YO	231,388	1,046	0.45%	2,022	0.87%	228,320	98.67%
AREA 6	NV	216,264	1,012	0.47%	3,660	1.69%	211,592	97.84%
	SA	109,363	1,038	0.95%	2,593	2.37%	105,732	96.68%
	SI	214,602	1,475	0.69%	2,330	1.09%	210,797	98.23%
AREA 7	NB	77,265	565	0.73%	1,497	1.94%	75,203	97.33%
	NC	212,956	1,563	0.73%	4,465	2.10%	206,928	97.17%
<b>TOTAL</b>		<b>2,239,863</b>	<b>16,269</b>	<b>0.73%</b>	<b>39,629</b>	<b>1.77%</b>	<b>2,183,965</b>	<b>97.50%</b>



**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND TRANSFORMERS**

Division		Transformers (Padmount Included) <b>UNDERGROUND</b>	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	7,271	41	0.56%	111	1.53%	7,119	97.91%
	SF	5,227	33	0.63%	167	3.19%	5,027	96.17%
AREA 2	DI	18,342	82	0.45%	210	1.14%	18,050	98.41%
	EB	5,993	35	0.58%	67	1.12%	5,891	98.30%
	MI	18,844	70	0.37%	214	1.14%	18,560	98.49%
AREA 3	CC	9,639	54	0.56%	358	3.71%	9,227	95.73%
	DA	7,107	25	0.35%	35	0.49%	7,047	99.16%
	SJ	17,102	77	0.45%	145	0.85%	16,880	98.70%
AREA 4	FR	21,098	77	0.36%	91	0.43%	20,930	99.20%
	KE	13,439	73	0.54%	83	0.62%	13,283	98.84%
	LP	8,732	33	0.38%	181	2.07%	8,518	97.55%
AREA 5	ST	14,180	83	0.59%	91	0.64%	14,006	98.77%
	YO	8,924	31	0.35%	84	0.94%	8,809	98.71%
AREA 6	NV	7,617	14	0.18%	139	1.82%	7,464	97.99%
	SA	12,193	50	0.41%	111	0.91%	12,032	98.68%
	SI	15,302	44	0.29%	130	0.85%	15,128	98.86%
AREA 7	NB	9,542	43	0.45%	105	1.10%	9,394	98.45%
	NC	12,976	40	0.31%	177	1.36%	12,759	98.33%
<b>TOTAL</b>		<b>213,528</b>	<b>905</b>	<b>0.42%</b>	<b>2,499</b>	<b>1.17%</b>	<b>210,124</b>	<b>98.41%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND SWITCHES AND DISCONNECTS**

Division		Switches & Disconnects UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	5,465	0	0.00%	30	0.55%	5,435	99.45%
	SF	6,578	1	0.02%	212	3.22%	6,365	96.76%
AREA 2	DI	11,325	4	0.04%	51	0.45%	11,270	99.51%
	EB	4,809	1	0.02%	38	0.79%	4,770	99.19%
	MI	13,961	1	0.01%	26	0.19%	13,934	99.81%
AREA 3	CC	2,728	3	0.11%	23	0.84%	2,702	99.05%
	DA	5,277	1	0.02%	17	0.32%	5,259	99.66%
	SJ	12,945	5	0.04%	47	0.36%	12,893	99.60%
AREA 4	FR	8,776	3	0.03%	10	0.11%	8,763	99.85%
	KE	8,922	4	0.04%	26	0.29%	8,892	99.66%
	LP	2,937	4	0.14%	17	0.58%	2,916	99.28%
AREA 5	ST	8,678	12	0.14%	18	0.21%	8,648	99.65%
	YO	2,798	1	0.04%	9	0.32%	2,788	99.64%
AREA 6	NV	2,746	2	0.07%	16	0.58%	2,728	99.34%
	SA	6,692	1	0.01%	32	0.48%	6,659	99.51%
	SI	6,474	6	0.09%	20	0.31%	6,448	99.60%
AREA 7	NB	5,273	1	0.02%	9	0.17%	5,263	99.81%
	NC	9,253	0	0.00%	13	0.14%	9,240	99.86%
<b>TOTAL</b>		<b>125,637</b>	<b>50</b>	<b>0.04%</b>	<b>614</b>	<b>0.49%</b>	<b>124,973</b>	<b>99.47%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	37	1	2.70%	3	8.11%	33	89.19%
	SF	77	0	0.00%	1	1.30%	76	98.70%
AREA 2	DI	52	1	1.92%	4	7.69%	47	90.38%
	EB	33	0	0.00%	1	3.03%	32	96.97%
	MI	47	3	6.38%	11	23.40%	33	70.21%
AREA 3	CC	15	0	0.00%	14	93.33%	1	6.67%
	DA	87	1	1.15%	1	1.15%	85	97.70%
	SJ	327	1	0.31%	9	2.75%	317	96.94%
AREA 4	FR	32	3	9.38%	7	21.88%	22	68.75%
	KE	19	2	10.53%	4	21.05%	13	68.42%
	LP	27	0	0.00%	4	14.81%	23	85.19%
AREA 5	ST	32	0	0.00%	6	18.75%	26	81.25%
	YO	29	0	0.00%	3	10.34%	26	89.66%
AREA 6	NV	11	1	9.09%	1	9.09%	9	81.82%
	SA	26	3	11.54%	8	30.77%	15	57.69%
	SI	33	2	6.06%	10	30.30%	21	63.64%
AREA 7	NB	11	0	0.00%	4	36.36%	7	63.64%
	NC	77	0	0.00%	4	5.19%	73	94.81%
<b>TOTAL</b>		<b>972</b>	<b>18</b>	<b>1.85%</b>	<b>95</b>	<b>9.77%</b>	<b>859</b>	<b>88.37%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation UNDERGROUND D	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	15	0	0.00%	0	0.00%	15	100.00%
	SF	5	0	0.00%	2	40.00%	3	60.00%
AREA 2	DI	26	1	3.85%	7	26.92%	18	69.23%
	EB	2	0	0.00%	0	0.00%	2	100.00%
	MI	100	0	0.00%	9	9.00%	91	91.00%
AREA 3	CC	24	1	4.17%	3	12.50%	20	83.33%
	DA	5	0	0.00%	0	0.00%	5	100.00%
	SJ	101	0	0.00%	4	3.96%	97	96.04%
AREA 4	FR	41	1	2.44%	4	9.76%	36	87.80%
	KE	17	0	0.00%	0	0.00%	17	100.00%
	LP	19	0	0.00%	0	0.00%	19	100.00%
AREA 5	ST	30	0	0.00%	1	3.33%	29	96.67%
	YO	5	0	0.00%	0	0.00%	5	100.00%
AREA 6	NV	7	0	0.00%	0	0.00%	7	100.00%
	SA	50	0	0.00%	2	4.00%	48	96.00%
	SI	27	0	0.00%	0	0.00%	27	100.00%
AREA 7	NB	10	1	10.00%	1	10.00%	8	80.00%
	NC	13	1	7.69%	0	0.00%	12	92.31%
<b>TOTAL</b>		<b>497</b>	<b>5</b>	<b>1.01%</b>	<b>33</b>	<b>6.64%</b>	<b>459</b>	<b>92.35%</b>

**A. CONDITIONS REPORTED IN 2007: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND CONDUCTORS AND CABLES**

	Division	Conductor & Cables UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	15,310	216	1.41%	737	4.81%	14,357	93.78%
	SF	13,315	217	1.63%	1239	9.31%	11,859	89.06%
AREA 2	DI	29,219	360	1.23%	681	2.33%	28,178	96.44%
	EB	12,008	241	2.01%	511	4.26%	11,256	93.74%
	MI	36,717	223	0.61%	1002	2.73%	35,492	96.66%
AREA 3	CC	16,258	287	1.77%	647	3.98%	15,324	94.26%
	DA	13,313	174	1.31%	206	1.55%	12,933	97.15%
	SJ	30,353	314	1.03%	549	1.81%	29,490	97.16%
AREA 4	FR	25,214	245	0.97%	408	1.62%	24,561	97.41%
	KE	15,056	348	2.31%	321	2.13%	14,387	95.56%
	LP	12,749	189	1.48%	397	3.11%	12,163	95.40%
AREA 5	ST	19,644	267	1.36%	368	1.87%	19,009	96.77%
	YO	10,683	166	1.55%	301	2.82%	10,216	95.63%
AREA 6	NV	10,525	118	1.12%	455	4.32%	9,952	94.56%
	SA	19,064	219	1.15%	626	3.28%	18,219	95.57%
	SI	19,269	274	1.42%	355	1.84%	18,640	96.74%
AREA 7	NB	14,877	133	0.89%	499	3.35%	14,245	95.75%
	NC	20,064	237	1.18%	655	3.26%	19,172	95.55%
<b>TOTAL</b>		<b>333,638</b>	<b>4,228</b>	<b>1.27%</b>	<b>9,957</b>	<b>2.98%</b>	<b>319,453</b>	<b>95.75%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2007:**

There were 52,488 equipment conditions scheduled for 2007. 98.96% of those conditions scheduled for 2007 were completed by December 31, 2007. 545 conditions were not corrected by December 31, 2007, representing 1.05% of conditions scheduled for 2007. The 545 late conditions are due to end of year storm activity, transition issues related to conversion of the SAP data base, estimating restraints, loss of reporting functionality, third party issues, and administrative oversight. These remaining corrective actions are scheduled for completion by October 31, 2008.

Abnormal conditions in the “Conditions Scheduled for Correction in 2007” 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 2007	Number of Facilities			
		Corrected	Percent	Not Corrected	Percent
Transformers					
Overhead	2,482	2,456	98.95%	26	1.06%
Underground	2,117	2,090	98.72%	27	1.29%
Switches & Disconnects					
Overhead	2,657	2,604	98.01%	53	2.04%
Underground	585	584	99.83%	1	0.17%
Protective Devices					
Lightning Arrestors	636	636	100%	0	0%
Overhead Reclosures/ Sectionalizers	382	374	97.91%	8	2.14%
Underground	74	74	100%	0	0%
Voltage Regulation					
Overhead	1,825	1,808	99.07%	17	0.94%
Underground	35	32	91.43%	3	9.38%
Conductors & Cables					
Overhead	31,612	31,300	99.01%	312	1.00%
Underground	10,083	9,985	99.03%	98	0.98%
<b>TOTAL</b>	<b>52,488</b>	<b>51,943</b>	<b>98.96%</b>	<b>545</b>	<b>1.05%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

Division		Transformers		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	95	106	93	97.89%	2	2.15%	99	93.40%	7	7.07%
	SF	102	106	102	100.00%		0.00%	106	100.00%		0.00%
AREA 2	DI	45	116	43	95.56%	2	4.65%	109	93.97%	7	6.42%
	EB	72	36	64	88.89%	8	12.50%	36	100.00%		0.00%
	MI	45	187	44	97.78%	1	2.27%	182	97.33%	5	2.75%
AREA 3	CC	129	314	128	99.22%	1	0.78%	313	99.68%	1	0.32%
	DA	40	39	40	100.00%		0.00%	39	100.00%		0.00%
	SJ	36	172	36	100.00%		0.00%	171	99.42%	1	0.58%
AREA 4	FR	523	115	523	100.00%		0.00%	115	100.00%		0.00%
	KE	93	84	93	100.00%		0.00%	84	100.00%		0.00%
	LP	90	138	90	100.00%		0.00%	138	100.00%		0.00%
AREA 5	ST	186	113	185	99.46%	1	0.54%	109	96.46%	4	3.67%
	YO	497	119	497	100.00%		0.00%	118	99.16%	1	0.85%
AREA 6	NV	189	167	179	94.71%	10	5.59%	167	100.00%		0.00%
	SA	122	123	122	100.00%		0.00%	123	100.00%		0.00%
	SI	150	145	150	100.00%		0.00%	144	99.31%	1	0.69%
AREA 7	NB	15	17	14	93.33%	1	7.14%	17	100.00%		0.00%
	NC	53	20	53	100.00%		0.00%	20	100.00%		0.00%
<b>TOTAL</b>		<b>2,482</b>	<b>2,117</b>	<b>2,456</b>	<b>98.95%</b>	<b>26</b>	<b>1.06%</b>	<b>2,090</b>	<b>98.72%</b>	<b>27</b>	<b>1.29%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS**

Division		Switches & Disconnects		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	155	23	139	89.68%	16	11.51%	23	100.00%		0.00%
	SF	61	218	61	100.00%		0.00%	218	100.00%		0.00%
AREA 2	DI	99	34	91	91.92%	8	8.79%	34	100.00%		0.00%
	EB	107	15	103	96.26%	4	3.88%	15	100.00%		0.00%
	MI	93	27	73	78.49%	20	27.40%	27	100.00%		0.00%
AREA 3	CC	144	43	144	100.00%		0.00%	43	100.00%		0.00%
	DA	44	34	44	100.00%		0.00%	34	100.00%		0.00%
	SJ	75	40	75	100.00%		0.00%	40	100.00%		0.00%
AREA 4	FR	606	10	605	99.83%	1	0.17%	10	100.00%		0.00%
	KE	123	18	123	100.00%		0.00%	18	100.00%		0.00%
	LP	173	22	173	100.00%		0.00%	22	100.00%		0.00%
AREA 5	ST	172	12	170	98.84%	2	1.18%	12	100.00%		0.00%
	YO	244	12	244	100.00%		0.00%	12	100.00%		0.00%
AREA 6	NV	208	22	206	99.04%	2	0.97%	21	95.45%	1	4.76%
	SA	111	32	111	100.00%		0.00%	32	100.00%		0.00%
	SI	165	18	165	100.00%		0.00%	18	100.00%		0.00%
AREA 7	NB	18	4	18	100.00%		0.00%	4	100.00%		0.00%
	NC	59	1	59	100.00%		0.00%	1	100.00%		0.00%
<b>TOTAL</b>		<b>2,657</b>	<b>585</b>	<b>2,604</b>	<b>98.01%</b>	<b>53</b>	<b>2.04%</b>	<b>584</b>	<b>99.83%</b>	<b>1</b>	<b>0.17%</b>



**B. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	12	4	10	83.33%	2	20.00%	4	100%	0	0%
	SF	3	0	3	100.00%		0.00%	0	100%	0	0%
AREA 2	DI	9	2	6	66.67%	3	50.00%	2	100%	0	0%
	EB	19	5	18	94.74%	1	5.56%	0	100%	0	0%
	MI	16	9	15	93.75%	1	6.67%	5	100%	0	0%
AREA 3	CC	21	1	21	100.00%		0.00%	9	100%	0	0%
	DA	8	7	8	100.00%		0.00%	1	100%	0	0%
	SJ	6	6	6	100.00%		0.00%	7	100%	0	0%
AREA 4	FR	27	3	27	100.00%		0.00%	6	100%	0	0%
	KE	48	5	48	100.00%		0.00%	3	100%	0	0%
	LP	16	8	16	100.00%		0.00%	5	100%	0	0%
AREA 5	ST	26	3	25	96.15%	1	4.00%	8	100%	0	0%
	YO	39	1	39	100.00%		0.00%	3	100%	0	0%
AREA 6	NV	30	9	30	100.00%		0.00%	1	100%	0	0%
	SA	41	10	41	100.00%		0.00%	9	100%	0	0%
	SI	40	1	40	100.00%		0.00%	10	100%	0	0%
AREA 7	NB	5	1	5	100.00%		0.00%	1	100%	0	0%
	NC	16	0	16	100.00%		0.00%	0	100%	0	0%
<b>TOTAL</b>		<b>382</b>	<b>74</b>	<b>374</b>	<b>97.91%</b>	<b>8</b>	<b>2.14%</b>	<b>74</b>	<b>100%</b>	<b>0</b>	<b>0%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	89	3	88	98.88%	1	1.14%	3	100.00%	0	0.00%
	SF	75	0	75	100.00%	0	0.00%	0	n/a	0	n/a
AREA 2	DI	85	7	83	97.65%	2	2.41%	5	71.43%	2	40.00%
	EB	82	0	78	95.12%	4	5.13%	0	n/a	0	n/a
	MI	157	9	156	99.36%	1	0.64%	9	100.00%	0	0.00%
AREA 3	CC	112	3	111	99.11%	1	0.90%	3	100.00%	0	0.00%
	DA	44	0	44	100.00%	0	0.00%	0	n/a	0	n/a
	SJ	42	4	42	100.00%	0	0.00%	3	75.00%	1	33.33%
AREA 4	FR	229	4	228	99.56%	1	0.44%	4	100.00%	0	0.00%
	KE	211	0	211	100.00%	0	0.00%	0	n/a	0	n/a
	LP	68	0	68	100.00%	0	0.00%	0	n/a	0	n/a
AREA 5	ST	123	3	122	99.19%	1	0.82%	3	100.00%	0	0.00%
	YO	132	0	127	96.21%	5	3.94%	0	n/a	0	n/a
AREA 6	NV	98	0	97	98.98%	1	1.03%	0	n/a	0	n/a
	SA	126	2	126	100.00%	0	0.00%	2	100.00%	0	0.00%
	SI	117	0	117	100.00%	0	0.00%	0	n/a	0	n/a
AREA 7	NB	6	0	6	100.00%	0	0.00%	0	n/a	0	n/a
	NC	29	0	29	100.00%	0	0.00%	0	n/a	0	n/a
<b>TOTAL</b>		1,825	35	<b>1,808</b>	<b>99.07%</b>	<b>17</b>	<b>0.94%</b>	<b>32</b>	<b>91.43%</b>	<b>3</b>	<b>9.38%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2007: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS AND CABLES**

Division		Conductors & Cables		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent		
AREA 1	PN	1,636	552	1,569	95.90%	67	4.27%	521	94.38%	31	5.95%
	SF	2,033	1,897	2,033	100.00%	0	0.00%	1893	99.79%	4	0.21%
AREA 2	DI	809	682	757	93.57%	52	6.87%	664	97.36%	18	2.71%
	EB	1,565	556	1,518	97.00%	47	3.10%	548	98.56%	8	1.46%
	MI	823	1,052	771	93.68%	52	6.74%	1035	98.38%	17	1.64%
AREA 3	CC	2,056	668	2,056	100.00%	0	0.00%	668	100.00%	0	0.00%
	DA	1,355	288	1,352	99.78%	3	0.22%	287	99.65%	1	0.35%
	SJ	1,214	765	1,209	99.59%	5	0.41%	758	99.08%	7	0.92%
AREA 4	FR	1,380	556	1,377	99.78%	3	0.22%	556	100.00%	0	0.00%
	KE	2,921	363	2,921	100.00%	0	0.00%	363	100.00%	0	0.00%
	LP	1,579	396	1,576	99.81%	3	0.19%	395	99.75%	1	0.25%
AREA 5	ST	3,477	458	3,461	99.54%	16	0.46%	455	99.34%	3	0.66%
	YO	1,717	377	1,713	99.77%	4	0.23%	373	98.94%	4	1.07%
AREA 6	NV	2,818	360	2,773	98.40%	45	1.62%	359	99.72%	1	0.28%
	SA	1,327	571	1,327	100.00%	0	0.00%	571	100.00%	0	0.00%
	SI	4,055	372	4,055	100.00%	0	0.00%	371	99.73%	1	0.27%
AREA 7	NB	629	105	616	97.93%	13	2.11%	104	99.05%	1	0.96%
	NC	218	65	216	99.08%	2	0.93%	64	98.46%	1	1.56%
<b>TOTAL</b>		<b>31,612</b>	<b>10,083</b>	<b>31,300</b>	<b>99.01%</b>	<b>312</b>	<b>1.00%</b>	<b>9,985</b>	<b>99.03%</b>	<b>98</b>	<b>0.98%</b>

**C. CORRECTIVE ACTION SCHEDULED FOR 2008:**

Abnormal conditions in the “Corrective Action Scheduled for 2008” column were identified in year 2007 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/Priority G&P	
		Number	Percent
Transformers			
Overhead	788,896	1,469	0.19%
Underground	213,528	2,004	0.94%
Switches & Disconnects			
Overhead	168,072	1,136	0.68%
Underground	125,637	260	0.21%
Protective Devices <sup>8</sup>			
Overhead Lightning Arrestors	Data Not Available	328	N/A
Overhead Reclosers/Sectionalizers	4,736	228	4.81%
Underground	972	74	7.61%
Voltage Regulation			
Overhead	16,714	649	3.88%
Underground	497	10	2.01%
Conductors & Cables			
Overhead	2,239,863	25,761	1.15%
Underground	333,638	6,625	1.99%

<sup>8</sup> 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.

**C. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

		Division	Transformer	
			OH	UG
AREA 1	PN	22,788	7,271	
	SF	9,839	5,227	
AREA 2	DI	21,468	18,342	
	EB	19,580	5,993	
	MI	18,422	18,844	
AREA 3	CC	45,207	9,639	
	DA	17,500	7,107	
	SJ	22,513	17,102	
AREA 4	FR	97,571	21,098	
	KE	43,180	13,439	
	LP	35,263	8,732	
AREA 5	ST	62,832	14,180	
	YO	85,444	8,924	
AREA 6	NV	70,617	7,617	
	SA	31,835	12,193	
	SI	81,352	15,302	
AREA 7	NB	26,444	9,542	
	NC	77,041	12,976	
<b>TOTAL</b>		<b>788,896</b>	<b>213,528</b>	

Corrective Action Scheduled 2008			
OH		UG	
Number	Percent	Number	Percent
188	0.82%	197	2.71%
55	0.56%	68	1.30%
46	0.21%	137	0.75%
96	0.49%	87	1.45%
32	0.17%	156	0.83%
103	0.23%	136	1.41%
16	0.09%	31	0.44%
13	0.06%	104	0.61%
76	0.08%	100	0.47%
111	0.26%	116	0.86%
57	0.16%	149	1.71%
50	0.08%	79	0.56%
136	0.16%	63	0.71%
117	0.17%	133	1.75%
34	0.11%	73	0.60%
38	0.05%	99	0.65%
46	0.17%	158	1.66%
255	0.33%	118	0.91%
<b>1,469</b>	<b>0.19%</b>	<b>2,004</b>	<b>0.94%</b>

**C. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS**

Division		Switch & Disconnects	
		OH	UG
AREA 1	PN	7,085	5,465
	SF	3,571	6,578
AREA 2	DI	7,410	11,325
	EB	6,060	4,809
	MI	7,029	13,961
AREA 3	CC	11,202	2,728
	DA	5,663	5,277
	SJ	8,026	12,945
AREA 4	FR	16,693	8,776
	KE	9,553	8,922
	LP	7,450	2,937
AREA 5	ST	10,829	8,678
	YO	11,702	2,798
AREA 6	NV	10,924	2,746
	SA	6,347	6,692
	SI	15,273	6,474
AREA 7	NB	7,301	5,273
	NC	15,954	9,253
<b>TOTAL</b>		<b>168,072</b>	<b>125,637</b>

Corrective Action Scheduled 2008			
OH		UG	
Number	Percent	Number	Percent
71	1.00%	35	0.64%
28	0.78%	10	0.15%
54	0.73%	21	0.19%
130	2.15%	43	0.89%
77	1.10%	23	0.16%
75	0.67%	13	0.48%
26	0.46%	8	0.15%
16	0.20%	20	0.15%
72	0.43%	10	0.11%
60	0.63%	12	0.13%
89	1.19%	15	0.51%
50	0.46%	3	0.03%
47	0.40%	4	0.14%
65	0.60%	6	0.22%
37	0.58%	12	0.18%
49	0.32%	7	0.11%
29	0.40%	8	0.15%
161	1.01%	10	0.11%
<b>1,136</b>	<b>0.68%</b>	<b>260</b>	<b>0.21%</b>

**C. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>9</sup>**

Division		Protective Devices – Lightning Arrestors	Corrective Action Scheduled 2008	
			OH	
		OH	Number	Percent
AREA 1	PN	<i>Data Not Available</i>	0	N/A
	SF		0	N/A
AREA 2	DI	<i>Data Not Available</i>	3	N/A
	EB		0	N/A
	MI		0	N/A
AREA 3	CC	<i>Data Not Available</i>	0	N/A
	DA		2	N/A
	SJ		0	N/A
AREA 4	FR	<i>Data Not Available</i>	69	N/A
	KE		56	N/A
	LP		6	N/A
AREA 5	ST	<i>Data Not Available</i>	1	N/A
	YO		24	N/A
AREA 6	NV	<i>Data Not Available</i>	54	N/A
	SA		20	N/A
	SI		46	N/A
AREA 7	NB	<i>Data Not Available</i>	1	N/A
	NC		46	N/A
<b>TOTAL</b>			<b>328</b>	

<sup>9</sup> 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 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES  
(RECLOSERS/SECTIONALIZERS) AND UNDERGROUND PROTECTIVE DEVICES**

		Protective Devices	
		OH	UG
Division			
AREA 1	PN	156	37
	SF	57	77
AREA 2	DI	169	52
	EB	124	33
	MI	146	47
AREA 3	CC	435	15
	DA	121	87
	SJ	169	327
AREA 4	FR	466	32
	KE	246	19
	LP	200	27
AREA 5	ST	256	32
	YO	527	29
AREA 6	NV	395	11
	SA	228	26
	SI	365	33
AREA 7	NB	189	11
	NC	487	77
<b>TOTAL</b>		<b>4,736</b>	<b>972</b>

Corrective Action Scheduled 2008			
OH		UG	
Number	Percent	Number	Percent
9	5.77%	9	24.32%
2	3.51%	14	18.18%
10	5.92%	2	3.85%
13	10.48%	2	6.06%
13	8.90%	2	4.26%
13	2.99%	2	13.33%
8	6.61%	3	3.45%
1	0.59%	9	2.75%
16	3.43%	11	34.38%
37	15.04%	5	26.32%
12	6.00%	3	11.11%
9	3.52%	1	3.13%
8	1.52%	1	3.45%
21	5.32%	1	9.09%
8	3.51%	3	11.54%
13	3.56%	1	3.03%
7	3.70%	0	0.00%
28	5.75%	5	6.49%
<b>228</b>	<b>4.81%</b>	<b>74</b>	<b>7.61%</b>



**C. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation	
		OH	UG
AREA 1	PN	611	15
	SF	356	5
AREA 2	DI	542	26
	EB	477	2
	MI	684	100
AREA 3	CC	811	24
	DA	458	5
	SJ	626	101
AREA 4	FR	2,067	41
	KE	1,370	17
	LP	732	19
AREA 5	ST	1,109	30
	YO	1,632	5
AREA 6	NV	1,330	7
	SA	957	50
	SI	1,181	27
AREA 7	NB	504	10
	NC	1,267	13
<b>TOTAL</b>		<b>16,714</b>	<b>497</b>

Corrective Action Scheduled 2008			
OH		UG	
Number	Percent	Number	Percent
15	2.45%	1	6.67%
5	1.40%	2	40.00%
10	1.85%	0	0.00%
23	4.82%	0	0.00%
16	2.34%	3	3.00%
15	1.85%	0	0.00%
19	4.15%	0	0.00%
3	0.48%	0	0.00%
77	3.73%	2	4.88%
102	7.45%	0	0.00%
63	8.61%	0	0.00%
22	1.98%	1	3.33%
36	2.21%	0	0.00%
46	3.46%	0	0.00%
60	6.27%	1	2.00%
53	4.49%	0	0.00%
18	3.57%	0	0.00%
66	5.21%	0	0.00%
<b>649</b>	<b>3.88%</b>	<b>10</b>	<b>2.01%</b>

**C. CORRECTIVE ACTION SCHEDULED FOR 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS AND CABLES**

		Conductors & Cables		Corrective Action Scheduled 2008			
		OH	UG	OH		UG	
Division				Number	Percent	Number	Percent
AREA 1	PN	66,653	15,310	2,001	3.00%	954	6.23%
	SF	34,793	13,315	525	1.51%	366	2.75%
AREA 2	DI	59,575	29,219	574	0.96%	536	1.83%
	EB	60,300	12,008	2,753	4.57%	423	3.52%
	MI	55,809	36,717	674	1.21%	670	1.82%
AREA 3	CC	133,740	16,258	1,315	0.98%	302	1.86%
	DA	48,947	13,313	1,097	2.24%	148	1.11%
	SJ	62,845	30,353	292	0.46%	298	0.98%
AREA 4	FR	260,808	25,214	1,358	0.52%	289	1.15%
	KE	139,098	15,056	1,696	1.22%	234	1.55%
	LP	102,496	12,749	413	0.40%	226	1.77%
AREA 5	ST	152,961	19,644	1,015	0.66%	109	0.55%
	YO	231,388	10,683	1,994	0.86%	121	1.13%
AREA 6	NV	216,264	10,525	2,504	1.16%	424	4.03%
	SA	109,363	19,064	1,315	1.20%	320	1.68%
	SI	214,602	19,269	977	0.46%	180	0.93%
AREA 7	NB	77,265	14,877	1,831	2.37%	517	3.48%
	NC	212,956	20,064	3,427	1.61%	508	2.53%
<b>TOTAL</b>		<b>2,239,863</b>	<b>333,638</b>	<b>25,761</b>	<b>1.15%</b>	<b>6,625</b>	<b>1.99%</b>

**D. CORRECTIVE ACTION SCHEDULED FOR 2009:**

Abnormal conditions in the “Corrective Action Scheduled for 2009” column were identified in year 2007 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 2009	
		Grade 2/Priority G&P	
		Number	Percent
<b>Transformers</b>			
Overhead	788,896	950	0.12%
Underground	213,528	950	0.44%
<b>Switches &amp; Disconnects</b>			
Overhead	168,072	301	0.18%
Underground	125,637	91	0.07%
<b>Protective Devices<sup>10</sup></b>			
Overhead Lightning Arrestors	Data Not Available	140	N/A
Overhead Reclosers/Sectionalizers	4,736	21	0.44%
Underground	972	24	2.47%
<b>Voltage Regulation</b>			
Overhead	16,714	52	0.31%
Underground	497	2	0.40%
<b>Conductors &amp; Cables</b>			
Overhead	2,239,863	25,467	1.14%
Underground	333,638	3,625	1.09%

<sup>10</sup> 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 2009: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

		Division	Transformers	
			OH	UG
AREA 1	PN	22,788	7,271	
	SF	9,839	5,227	
AREA 2	DI	21,468	18,342	
	EB	19,580	5,993	
	MI	18,422	18,844	
AREA 3	CC	45,207	9,639	
	DA	17,500	7,107	
	SJ	22,513	17,102	
AREA 4	FR	97,571	21,098	
	KE	43,180	13,439	
	LP	35,263	8,732	
AREA 5	ST	62,832	14,180	
	YO	85,444	8,924	
AREA 6	NV	70,617	7,617	
	SA	31,835	12,193	
	SI	81,352	15,302	
AREA 7	NB	26,444	9,542	
	NC	77,041	12,976	
<b>TOTAL</b>		<b>788,896</b>	<b>213,528</b>	

Corrective Action Scheduled 2009			
OH		UG	
Number	Percent	Number	Percent
57	0.25%	33	0.45%
84	0.85%	7	0.13%
22	0.10%	144	0.79%
98	0.50%	32	0.53%
7	0.04%	44	0.23%
46	0.10%	218	2.26%
14	0.08%	8	0.11%
11	0.05%	56	0.33%
159	0.16%	36	0.17%
38	0.09%	16	0.12%
32	0.09%	75	0.86%
65	0.10%	37	0.26%
83	0.10%	28	0.31%
64	0.09%	38	0.50%
40	0.13%	24	0.20%
23	0.03%	46	0.30%
5	0.02%	30	0.31%
102	0.13%	78	0.60%
<b>950</b>	<b>0.12%</b>	<b>950</b>	<b>0.44%</b>

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

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES AND DISCONNECTS**

Division		Switches & Disconnects	
		OH	UG
AREA 1	PN	7,085	5,465
	SF	3,571	6,578
AREA 2	DI	7,410	11,325
	EB	6,060	4,809
	MI	7,029	13,961
AREA 3	CC	11,202	2,728
	DA	5,663	5,277
	SJ	8,026	12,945
AREA 4	FR	16,693	8,776
	KE	9,553	8,922
	LP	7,450	2,937
AREA 5	ST	10,829	8,678
	YO	11,702	2,798
AREA 6	NV	10,924	2,746
	SA	6,347	6,692
	SI	15,273	6,474
AREA 7	NB	7,301	5,273
	NC	15,954	9,253
<b>TOTAL</b>		<b>168,072</b>	<b>125,637</b>

Corrective Action Scheduled 2009			
OH		UG	
Number	Percent	Number	Percent
7	0.10%	4	0.07%
24	0.67%	1	0.02%
14	0.19%	3	0.03%
26	0.43%	6	0.12%
10	0.14%	15	0.11%
21	0.19%	27	0.99%
1	0.02%	2	0.04%
1	0.01%	5	0.04%
15	0.09%	0	0.00%
12	0.13%	4	0.04%
47	0.63%	11	0.37%
9	0.08%	1	0.01%
7	0.06%	2	0.07%
24	0.22%	0	0.00%
9	0.14%	0	0.00%
19	0.12%	6	0.09%
2	0.03%	1	0.02%
53	0.33%	3	0.03%
<b>301</b>	<b>0.18%</b>	<b>91</b>	<b>0.07%</b>

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

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>11</sup>**

Division		Protective Devices OH	Corrective Action Scheduled 2009	
			OH	
			Number	Percent
AREA 1	PN	<i>Data Not Available</i>	0	N/A
	SF		0	N/A
AREA 2	DI	<i>Data Not Available</i>	0	N/A
	EB		0	N/A
	MI		0	N/A
AREA 3	CC	<i>Data Not Available</i>	1	N/A
	DA		0	N/A
	SJ		0	N/A
AREA 4	FR	<i>Data Not Available</i>	38	N/A
	KE		13	N/A
	LP		7	N/A
AREA 5	ST	<i>Data Not Available</i>	1	N/A
	YO		7	N/A
AREA 6	NV	<i>Data Not Available</i>	19	N/A
	SA		4	N/A
	SI		12	N/A
AREA 7	NB	<i>Data Not Available</i>	1	N/A
	NC		37	N/A
<b>TOTAL</b>			<b>140</b>	

<sup>11</sup> 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 2009: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES  
(RECLOSERS/SECTIONALIZERS) AND UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices	
		OH	UG
AREA 1	PN	156	37
	SF	57	77
AREA 2	DI	169	52
	EB	124	33
	MI	146	47
AREA 3	CC	435	15
	DA	121	87
	SJ	169	327
AREA 4	FR	466	32
	KE	246	19
	LP	200	27
AREA 5	ST	256	32
	YO	527	29
AREA 6	NV	395	11
	SA	228	26
	SI	365	33
AREA 7	NB	189	11
	NC	487	77
<b>TOTAL</b>		<b>4,736</b>	<b>972</b>

Corrective Action Scheduled 2009			
OH		UG	
Number	Percent	Number	Percent
4	2.56%	0	0.00%
0	0.00%	1	1.30%
0	0.00%	1	1.92%
1	0.81%	3	9.09%
2	1.37%	6	12.77%
1	0.23%	6	40.00%
0	0.00%	1	1.15%
0	0.00%	0	0.00%
0	0.00%	2	6.25%
9	3.66%	0	0.00%
0	0.00%	0	0.00%
0	0.00%	0	0.00%
1	0.19%	0	0.00%
0	0.00%	0	0.00%
0	0.00%	3	11.54%
0	0.00%	0	0.00%
0	0.00%	0	0.00%
3	0.62%	1	1.30%
<b>21</b>	<b>0.44%</b>	<b>24</b>	<b>2.47%</b>

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

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation	
		OH	UG
AREA 1	PN	611	15
	SF	356	5
AREA 2	DI	542	26
	EB	477	2
	MI	684	100
AREA 3	CC	811	24
	DA	458	5
	SJ	626	101
AREA 4	FR	2,067	41
	KE	1,370	17
	LP	732	19
AREA 5	ST	1,109	30
	YO	1,632	5
AREA 6	NV	1,330	7
	SA	957	50
	SI	1,181	27
AREA 7	NB	504	10
	NC	1,267	13
<b>TOTAL</b>		<b>16,714</b>	<b>497</b>

Corrective Action Scheduled 2009			
OH		UG	
Number	Percent	Number	Percent
2	0.33%	0	0.00%
0	0.00%	0	0.00%
2	0.37%	0	0.00%
4	0.84%	0	0.00%
4	0.58%	2	2.00%
2	0.25%	0	0.00%
1	0.22%	0	0.00%
0	0.00%	0	0.00%
3	0.15%	0	0.00%
3	0.22%	0	0.00%
1	0.14%	0	0.00%
1	0.09%	0	0.00%
2	0.12%	0	0.00%
2	0.15%	0	0.00%
1	0.10%	0	0.00%
2	0.17%	0	0.00%
17	3.37%	0	0.00%
5	0.39%	0	0.00%
<b>52</b>	<b>0.31%</b>	<b>2</b>	<b>0.40%</b>



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

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS/CABLE**

		Division	Conductors & Cables	
			OH	UG
AREA 1	PN	66,653	15,310	
	SF	34,793	13,315	
AREA 2	DI	59,575	29,219	
	EB	60,300	12,008	
	MI	55,809	36,717	
AREA 3	CC	133,740	16,258	
	DA	48,947	13,313	
	SJ	62,845	30,353	
AREA 4	FR	260,808	25,214	
	KE	139,098	15,056	
	LP	102,496	12,749	
AREA 5	ST	152,961	19,644	
	YO	231,388	10,683	
AREA 6	NV	216,264	10,525	
	SA	109,363	19,064	
	SI	214,602	19,269	
AREA 7	NB	77,265	14,877	
	NC	212,956	20,064	
<b>TOTAL</b>		<b>2,239,863</b>	<b>333,638</b>	

Corrective Action Scheduled 2009			
OH		UG	
Number	Percent	Number	Percent
813	1.22%	254	1.66%
495	1.42%	260	1.95%
745	1.25%	343	1.17%
4,975	8.25%	375	3.12%
268	0.48%	332	0.90%
677	0.51%	307	1.89%
2,603	5.32%	57	0.43%
419	0.67%	144	0.47%
1,758	0.67%	115	0.46%
648	0.47%	69	0.46%
591	0.58%	135	1.06%
1,205	0.79%	76	0.39%
791	0.34%	34	0.32%
2,577	1.19%	237	2.25%
1,419	1.30%	191	1.00%
797	0.37%	127	0.66%
1,526	1.98%	152	1.02%
3,160	1.48%	417	2.08%
<b>25,467</b>	<b>1.14%</b>	<b>3,625</b>	<b>1.09%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2010:**

Abnormal conditions in the “Corrective Action Scheduled for 2010” column were identified in year 2007 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 2010	
		Grade 2/Priority G&P	
		Number	Percent
Transformers			
Overhead	788,896	368	0.05%
Underground	213,528	187	0.09%
Switches & Disconnects			
Overhead	168,072	65	0.04%
Underground	125,637	20	0.02%
Protective Devices <sup>12</sup>			
Overhead Lightning Arrestors	Data Not Available	14	N/A
Overhead Reclosers/Sectionalizers	4,736	4	0.08%
Underground	972	0	0.00%
Voltage Regulation			
Overhead	16,714	4	0.02%
Underground	497	0	0.00%
Conductors & Cables			
Overhead	2,239,863	7,699	0.34%
Underground	333,638	1,110	0.33%

<sup>12</sup> 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 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD TRANSFORMERS**

		Division	Transformers	
			OH	UG
AREA 1	PN	22,788	7,271	
	SF	9,839	5,227	
AREA 2	DI	21,468	18,342	
	EB	19,580	5,993	
	MI	18,422	18,844	
AREA 3	CC	45,207	9,639	
	DA	17,500	7,107	
	SJ	22,513	17,102	
AREA 4	FR	97,571	21,098	
	KE	43,180	13,439	
	LP	35,263	8,732	
AREA 5	ST	62,832	14,180	
	YO	85,444	8,924	
AREA 6	NV	70,617	7,617	
	SA	31,835	12,193	
	SI	81,352	15,302	
AREA 7	NB	26,444	9,542	
	NC	77,041	12,976	
<b>TOTAL</b>		<b>788,896</b>	<b>213,528</b>	

Corrective Action Scheduled 2010			
OH		UG	
Number	Percent	Number	Percent
21	0.09%	0	0.00%
45	0.46%	11	0.21%
8	0.04%	27	0.15%
6	0.03%	3	0.05%
0	0.00%	8	0.04%
25	0.06%	65	0.67%
7	0.04%	1	0.01%
4	0.02%	14	0.08%
9	0.01%	1	0.00%
29	0.07%	4	0.03%
8	0.02%	1	0.01%
43	0.07%	7	0.05%
59	0.07%	0	0.00%
21	0.03%	3	0.04%
10	0.03%	6	0.05%
33	0.04%	11	0.07%
5	0.02%	1	0.01%
35	0.05%	24	0.18%
<b>368</b>	<b>0.05%</b>	<b>187</b>	<b>0.09%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD SWITCHES AND DISCONNECTS**

		<b>Switches &amp; Disconnects</b>	<b>Corrective Action Scheduled 2010</b>	
<b>Division</b>		<b>OH</b>	<b>OH</b>	
			<b>Number</b>	<b>Percent</b>
AREA 1	PN	7,085	2	0.03%
	SF	3,571	11	0.31%
AREA 2	DI	7,410	2	0.03%
	EB	6,060	2	0.03%
	MI	7,029	0	0.00%
AREA 3	CC	11,202	16	0.14%
	DA	5,663	1	0.02%
	SJ	8,026	0	0.00%
AREA 4	FR	16,693	4	0.02%
	KE	9,553	2	0.02%
	LP	7,450	5	0.07%
AREA 5	ST	10,829	4	0.04%
	YO	11,702	1	0.01%
AREA 6	NV	10,924	3	0.03%
	SA	6,347	1	0.02%
	SI	15,273	1	0.01%
AREA 7	NB	7,301	2	0.03%
	NC	15,954	8	0.05%
<b>TOTAL</b>		<b>168,072</b>	<b>65</b>	<b>0.04%</b>

**D. CORRECTIVE ACTION SCHEDULED FOR 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>13</sup>**

		Protective Devices	Corrective Action Scheduled 2010	
			OH	
			Number	Percent
AREA 1	PN	<i>Data Not Available</i>	0	N/A
	SF		0	N/A
AREA 2	DI	<i>Data Not Available</i>	0	N/A
	EB		0	N/A
	MI		0	N/A
AREA 3	CC	<i>Data Not Available</i>	0	N/A
	DA		0	N/A
	SJ		0	N/A
AREA 4	FR	<i>Data Not Available</i>	4	N/A
	KE		1	N/A
	LP		1	N/A
AREA 5	ST	<i>Data Not Available</i>	0	N/A
	YO		1	N/A
AREA 6	NV	<i>Data Not Available</i>	2	N/A
	SA		2	N/A
	SI		0	N/A
AREA 7	NB	<i>Data Not Available</i>	0	N/A
	NC		3	N/A
<b>TOTAL</b>			<b>14</b>	

<sup>13</sup> 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.

**E. CORRECTIVE ACTION SCHEDULED FOR 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES  
(RECLOSERS/SECTIONALIZERS)**

		Protective Devices OH	Corrective Action Scheduled 2010	
Division			OH	
			Number	Percent
AREA 1	PN	156	0	0.00%
	SF	57	0	0.00%
AREA 2	DI	169	0	0.00%
	EB	124	0	0.00%
	MI	146	3	2.05%
AREA 3	CC	435	0	0.00%
	DA	121	0	0.00%
	SJ	169	0	0.00%
AREA 4	FR	466	0	0.00%
	KE	246	0	0.00%
	LP	200	0	0.00%
AREA 5	ST	256	0	0.00%
	YO	527	0	0.00%
AREA 6	NV	395	0	0.00%
	SA	228	0	0.00%
	SI	365	0	0.00%
AREA 7	NB	189	0	0.00%
	NC	487	1	0.21%
<b>TOTAL</b>		<b>4,736</b>	<b>4</b>	<b>0.08</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD VOLTAGE REGULATION**

		Division	Voltage Regulation	Corrective Action Scheduled 2010	
			OH	OH	
				Number	Percent
AREA 1	PN	611	0	0.00%	
	SF	356	0	0.00%	
AREA 2	DI	542	0	0.00%	
	EB	477	0	0.00%	
	MI	684	1	0.15%	
AREA 3	CC	811	0	0.00%	
	DA	458	0	0.00%	
	SJ	626	0	0.00%	
AREA 4	FR	2,067	0	0.00%	
	KE	1,370	0	0.00%	
	LP	732	0	0.00%	
AREA 5	ST	1,109	0	0.00%	
	YO	1,632	0	0.00%	
AREA 6	NV	1,330	1	0.08%	
	SA	957	0	0.00%	
	SI	1,181	0	0.00%	
AREA 7	NB	504	1	0.20%	
	NC	1,267	1	0.08%	
<b>TOTAL</b>			<b>16,714</b>	<b>4</b>	<b>0.02%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2010: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS/CABLE**

		Conductors & Cables	
		OH	UG
Division			
AREA 1	PN	66,653	15,310
	SF	34,793	13,315
AREA 2	DI	59,575	29,219
	EB	60,300	12,008
	MI	55,809	36,717
AREA 3	CC	133,740	16,258
	DA	48,947	13,313
	SJ	62,845	30,353
AREA 4	FR	260,808	25,214
	KE	139,098	15,056
	LP	102,496	12,749
AREA 5	ST	152,961	19,644
	YO	231,388	10,683
AREA 6	NV	216,264	10,525
	SA	109,363	19,064
	SI	214,602	19,269
AREA 7	NB	77,265	14,877
	NC	212,956	20,064
<b>TOTAL</b>		<b>2,239,863</b>	<b>333,638</b>

Corrective Action Scheduled 2010			
OH		UG	
Number	Percent	Number	Percent
1,627	2.44%	57	0.37%
343	0.99%	30	0.23%
241	0.40%	52	0.18%
375	0.62%	18	0.15%
45	0.08%	52	0.14%
201	0.15%	118	0.73%
284	0.58%	9	0.07%
209	0.33%	70	0.23%
606	0.23%	141	0.56%
31	0.02%	12	0.08%
56	0.05%	9	0.07%
540	0.35%	236	1.20%
348	0.15%	4	0.04%
425	0.20%	13	0.12%
767	0.70%	82	0.43%
191	0.09%	22	0.11%
282	0.36%	16	0.11%
1,128	0.53%	169	0.84%
<b>7,699</b>	<b>0.34%</b>	<b>1,110</b>	<b>0.33%</b>



**F. CORRECTIVE ACTION SCHEDULED FOR 2011:**

Abnormal conditions in the “Corrective Action Scheduled for 2011” column were identified in year 2007 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 2011, indicated in the underground conductors/cable facility category, represent 21 enclosures out of 333,638 system locations (or 0.01%).

**AGGREGATED BY DIVISION – UNDERGROUND CONDUCTORS/CABLE**

	Division	Cable & Conductors UG	Corrective Action Scheduled 2011	
			UG	
			Number	Percent
AREA 1	PN	15,310	0	0.00%
	SF	13,315	0	0.00%
AREA 2	DI	29,219	2	0.01%
	EB	12,008	0	0.00%
	MI	36,717	1	0.00%
AREA 3	CC	16,258	0	0.00%
	DA	13,313	0	0.00%
	SJ	30,353	1	0.00%
AREA 4	FR	25,214	0	0.00%
	KE	15,056	0	0.00%
	LP	12,749	0	0.00%
AREA 5	ST	19,644	0	0.00%
	YO	10,683	0	0.00%
AREA 6	NV	10,525	0	0.00%
	SA	19,064	9	0.05%
	SI	19,269	0	0.00%
AREA 7	NB	14,877	1	0.01%
	NC	20,064	7	0.03%
<b>TOTAL</b>		<b>333,638</b>	<b>21</b>	<b>0.1%</b>

**V. WOOD POLES**

**A. INTRUSIVE INSPECTIONS:**

Overall, PG&E was in compliance performing a wood pole test and treat at 243,484 locations in 2007. PG&E completed the poles that were carried over from 2006 due to Forest Service (USFS) restrictions and issues with contractor employee turnover. Specific differences from the planned amounts are as follows:

Division		Wood Poles Scheduled for Inspection excluding prior years	Total Wood Poles Inspected in 2007	Wood Poles Scheduled in 2007 but not Inspected	Explanation	Date Inspection Will be Completed
AREA 1	PN	17,700	18,330		Switched scheduled 2006 to 2007 for Colma district Inaccessible backyard poles carryover from 2006	
	SF		2,315			
AREA 2	DI					
	EB					
	MI					
AREA 3	CC	48,000	48,808			
	DA					
	SJ					
AREA 4	FR					
	KE					
	LP					
AREA 5	ST					
	YO					
AREA 6	NV	Chico 26,700 Marysville 54,700 Auburn 49,900 Placerville 49,000	Chico 22,373 Marysville 54,718 Auburn 49,944 Placerville 46,996	Chico 4,388 Marysville 559  Placerville 2,063	Carry over due to flooded rice fields in Marysville/Chico area. Osmose lost contract creating employee turnover issues. Placerville carryover due to contract employee turnover.	2008
	SA					
	SI					
AREA 7	NB					
	NC					
<b>TOTAL</b>		<b>246,600</b>	<b>243,484</b>	<b>7,010</b>		

**B. IDENTIFIED CONDITIONS, WOOD POLES, IN 2007:**

Abnormal conditions under “Corrective Action Required” column include conditions identified only in 2007, 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 Number of Wood Poles	Corrective Action Required				No Corrective Action Required	
			Grade 1/Priority A&C		Grade 2/Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	66,653	57	0.09%	700	1.05%	65,896	98.86%
	SF	34,793	26	0.07%	306	0.88%	34,461	99.05%
AREA 2	DI	59,575	78	0.13%	202	0.34%	59,295	99.53%
	EB	60,300	67	0.11%	309	0.51%	59,924	99.38%
	MI	55,809	57	0.10%	118	0.21%	55,634	99.69%
AREA 3	CC	133,740	204	0.15%	409	0.31%	133,127	99.54%
	DA	48,947	43	0.09%	1,466	3.00%	47,438	96.92%
	SJ	62,845	41	0.07%	222	0.35%	62,582	99.58%
AREA 4	FR	260,808	316	0.12%	384	0.15%	260,108	99.73%
	KE	139,098	247	0.18%	203	0.15%	138,648	99.68%
	LP	102,496	116	0.11%	632	0.62%	101,748	99.27%
AREA 5	ST	152,961	192	0.13%	502	0.33%	152,267	99.55%
	YO	231,388	304	0.13%	843	0.36%	230,241	99.50%
AREA 6	NV	216,264	206	0.10%	890	0.41%	215,168	99.49%
	SA	109,363	140	0.13%	447	0.41%	108,776	99.46%
	SI	214,602	162	0.08%	3,948	1.84%	210,492	98.08%
AREA 7	NB	77,265	68	0.09%	342	0.44%	76,855	99.47%
	NC	212,956	187	0.09%	1,213	0.57%	211,556	99.34%
<b>TOTAL</b>		<b>2,239,863</b>	<b>2,511</b>	<b>0.11%</b>	<b>13,136</b>	<b>0.59%</b>	<b>2,224,216</b>	<b>99.30%</b>

**C. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2007:**

There were 6,493 pole conditions scheduled for corrective action in 2007. 98.21% of those conditions scheduled for 2007 were completed by December 31, 2007. 116 conditions were not corrected by December 31, 2007, representing 1.82% of pole conditions scheduled for 2007. The 116 late conditions are due to end of year storm activity, transition issues related to conversion of the SAP data base, estimating restraints, loss of reporting functionality, third party issues, and administrative oversight. These remaining corrective actions are scheduled for completion by October 31, 2008.

Abnormal conditions in the “Conditions Scheduled for Correction” column were identified in year 2006 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	Number of Facilities			
			Corrected		Not Corrected	
			Number	Percent	Number	Percent
AREA 1	PN	136	130	95.59%	6	4.62%
	SF	285	285	100.00%	0	0.00%
AREA 2	DI	292	277	94.86%	15	5.42%
	EB	659	651	98.79%	8	1.23%
	MI	221	204	92.31%	17	8.33%
AREA 3	CC	421	421	100.00%	0	0.00%
	DA	76	76	100.00%	0	0.00%
	SJ	115	114	99.13%	1	0.88%
AREA 4	FR	478	478	100.00%	0	0.00%
	KE	192	192	100.00%	0	0.00%
	LP	507	482	95.07%	25	5.19%
AREA 5	ST	680	673	98.97%	7	1.04%
	YO	881	876	99.43%	5	0.57%
AREA 6	NV	829	807	97.35%	22	2.73%
	SA	278	278	100.00%	0	0.00%
	SI	345	340	98.55%	5	1.47%
AREA 7	NB	17	12	70.59%	5	41.67%
	NC	81	81	100.00%	0	0.00%
<b>TOTAL</b>		<b>6,493</b>	<b>6,377</b>	<b>98.21%</b>	<b>116</b>	<b>1.82%</b>

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:**

Abnormal conditions in the “Corrective Action Scheduled for 2008” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2008	
			Number <sup>14</sup>	Percent
AREA 1	PN	66,653	422	0.63%
	SF	34,793	58	0.17%
AREA 2	DI	59,575	308	0.52%
	EB	60,300	285	0.47%
	MI	55,809	224	0.40%
AREA 3	CC	133,740	450	0.34%
	DA	48,947	104	0.21%
	SJ	62,845	163	0.26%
AREA 4	FR	260,808	3,337	1.28%
	KE	139,098	647	0.47%
	LP	102,496	345	0.34%
AREA 5	ST	152,961	2,196	1.44%
	YO	231,388	4,220	1.82%
AREA 6	NV	216,264	1,495	0.69%
	SA	109,363	233	0.21%
	SI	214,602	462	0.22%
AREA 7	NB	77,265	1,486	1.92%
	NC	212,956	2,151	1.01%
<b>TOTAL</b>		<b>2,239,863</b>	<b>18,586</b>	<b>0.83%</b>

<sup>14</sup> Number of poles scheduled includes estimated pole base reinforcements.

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2009” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2009	
			Number <sup>15</sup>	Percent
AREA 1	PN	66,653	369	0.55%
	SF	34,793	115	0.33%
AREA 2	DI	59,575	611	1.03%
	EB	60,300	896	1.49%
	MI	55,809	276	0.49%
AREA 3	CC	133,740	294	0.22%
	DA	48,947	257	0.53%
	SJ	62,845	483	0.77%
AREA 4	FR	260,808	1,149	0.44%
	KE	139,098	297	0.21%
	LP	102,496	476	0.46%
AREA 5	ST	152,961	1,041	0.68%
	YO	231,388	937	0.40%
AREA 6	NV	216,264	845	0.39%
	SA	109,363	150	0.14%
	SI	214,602	535	0.25%
AREA 7	NB	77,265	838	1.08%
	NC	212,956	1,420	0.67%
<b>TOTAL</b>		<b>2,239,863</b>	<b>10,989</b>	<b>0.49%</b>

<sup>15</sup> Number of poles scheduled includes estimated pole base reinforcements.

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2010” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2010	
			Number	Percent
AREA 1	PN	66,653	420	0.63%
	SF	34,793	211	0.61%
AREA 2	DI	59,575	98	0.16%
	EB	60,300	66	0.11%
	MI	55,809	12	0.02%
AREA 3	CC	133,740	115	0.09%
	DA	48,947	78	0.16%
	SJ	62,845	357	0.57%
AREA 4	FR	260,808	588	0.23%
	KE	139,098	69	0.05%
	LP	102,496	83	0.08%
AREA 5	ST	152,961	898	0.59%
	YO	231,388	1,172	0.51%
AREA 6	NV	216,264	402	0.19%
	SA	109,363	55	0.05%
	SI	214,602	978	0.46%
AREA 7	NB	77,265	240	0.31%
	NC	212,956	1,130	0.53%
<b>TOTAL</b>		<b>2,239,863</b>	<b>6,972</b>	<b>0.31%</b>

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2011” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2011	
			Number	Percent
AREA 1	PN	66,653	54	0.08%
	SF	34,793	11	0.03%
AREA 2	DI	59,575	706	1.19%
	EB	60,300	197	0.33%
	MI	55,809	615	1.10%
AREA 3	CC	133,740	47	0.04%
	DA	48,947	246	0.50%
	SJ	62,845	6	0.01%
AREA 4	FR	260,808	82	0.03%
	KE	139,098	7	0.01%
	LP	102,496	443	0.43%
AREA 5	ST	152,961	716	0.47%
	YO	231,388	376	0.16%
AREA 6	NV	216,264	107	0.05%
	SA	109,363	34	0.03%
	SI	214,602	22	0.01%
AREA 7	NB	77,265	49	0.06%
	NC	212,956	305	0.14%
<b>TOTAL</b>		<b>2,239,863</b>	<b>4,023</b>	<b>0.18%</b>



**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2012” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2012	
			Number	Percent
AREA 1	PN	66,653	762	1.14%
	SF	34,793	254	0.73%
AREA 2	DI	59,575	0	0.00%
	EB	60,300	834	1.38%
	MI	55,809	28	0.05%
AREA 3	CC	133,740	3	0.00%
	DA	48,947	2	0.00%
	SJ	62,845	1	0.00%
AREA 4	FR	260,808	15	0.01%
	KE	139,098	2	0.00%
	LP	102,496	89	0.09%
AREA 5	ST	152,961	10	0.01%
	YO	231,388	213	0.09%
AREA 6	NV	216,264	49	0.02%
	SA	109,363	11	0.01%
	SI	214,602	2	0.00%
AREA 7	NB	77,265	5	0.01%
	NC	212,956	23	0.01%
<b>TOTAL</b>		<b>2,239,863</b>	<b>2,303</b>	<b>0.10%</b>

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2008 THROUGH 2013:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2013” column were identified in year 2007 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 Wood Poles	Corrective Action Scheduled for 2013	
			Number	Percent
AREA 1	PN	66,653	110	0.17%
	SF	34,793	171	0.49%
AREA 2	DI	59,575	1	0.00%
	EB	60,300	2	0.00%
	MI	55,809	0	0.00%
AREA 3	CC	133,740	36	0.03%
	DA	48,947	224	0.46%
	SJ	62,845	1,406	2.24%
AREA 4	FR	260,808	357	0.14%
	KE	139,098	1	0.00%
	LP	102,496	202	0.20%
AREA 5	ST	152,961	0	0.00%
	YO	231,388	10	0.00%
AREA 6	NV	216,264	256	0.12%
	SA	109,363	3	0.00%
	SI	214,602	879	0.41%
AREA 7	NB	77,265	20	0.03%
	NC	212,956	8	0.00%
TOTAL		2,239,863	3,686	0.16%

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