

**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'S GENERAL  
ORDER 165 COMPLIANCE PLAN FOR 2010 AND  
ANNUAL COMPLIANCE REPORT FOR 2008  
SUBMITTED PURSUANT TO CPUC DECISION 97-03-070  
(RESUBMITTED)**

STEVEN L. GARBER  
BARBARA H. CLEMENT  
Pacific Gas and Electric Company  
77 Beale Street  
San Francisco, CA 94105  
Telephone: (415) 973-3660  
Facsimile: (415) 973-5520  
E-Mail: BHC4@pge.com

Dated: January 29, 2010

Attorney for  
PACIFIC GAS AND ELECTRIC COMPANY



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'S GENERAL ORDER 165

COMPLIANCE PLAN FOR 2010 AND ANNUAL COMPLIANCE REPORT FOR 2008

SUBMITTED PURSUANT TO CPUC DECISION 97-03-070 (RESUBMITTED)

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 29th day of January 2010.

\_\_\_\_\_  
/s/  
PLACIDO J. MARTINEZ  
Vice-President, Engineering

# **EXHIBIT 1**

**PACIFIC GAS AND ELECTRIC COMPANY'S GENERAL  
ORDER 165 COMPLIANCE PLAN FOR 2010 AND ANNUAL  
COMPLIANCE REPORT FOR 2008 SUBMITTED PURSUANT  
TO CPUC DECISION NO. 97-03-070  
(RESUBMITTED)**

Pacific Gas and Electric Company's General Order 165 Compliance Plan for 2010 and Annual Compliance Report for 2008, originally submitted June 30, 2009, has been resubmitted to correct an overstatement of conditions pending in year 2009 – 2011 and under reporting of pending work for 2012 – 2015. The overstatement was caused by incorrectly including First Quarter 2009 notifications in the pending work from 2008. The 2012 - 2015 understatement was caused by a system process change, which inadvertently allowed scheduling beyond required timeframes.

- Pages B-26 to B-47 – Tables were updated to remove the overstatement of conditions found in the First Quarter of 2009 that should not have been included in the 2008 report.
- Page B-47a – Table shows additional conditions scheduled in years 2012 – 2015, which were not originally reported. These items will be rescheduled to dates prior to 2011. A system correction has been made to ensure the work is planned within appropriate timeframes.

In addition, other minor corrections were made to tables and text during the review.

Original submitted: June 30, 2009  
Resubmitted: January 29, 2010

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**PACIFIC GAS & ELECTRIC COMPANY'S  
GENERAL ORDER 165 COMPLIANCE PLAN FOR 2010  
AND ANNUAL COMPLIANCE REPORT FOR 2008**

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 2010 (attached as Appendix A), which describes how PG&E intends to comply in 2010 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 2008 (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.<sup>1/</sup> 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, 2008. 100% of the poles which required inspections were completed, and 99.99% of the enclosures which required inspection were completed by December 31, 2008. 17 or 0.01% enclosures which required inspections were not completed by December 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, 98.01% of 41,836 equipment conditions, and 90.69% of 6,142 pole conditions scheduled for corrective action in 2008, were completed by December 31, 2008. 833 or 1.99% equipment conditions, and 572 or 9.31% pole conditions were not corrected by December 31, 2008. All 833 equipment conditions

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<sup>1</sup> The number of conditions scheduled for correction in 2008 does not include conditions that were reassessed during 2008 and were assigned due dates after 2008.



and 572 pole conditions all have since been corrected, reassessed, cancelled or found corrected in the field.

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>Area</b>	<b>Abbreviation</b>	<b>District (Division)</b>
AREA 1	PN	Peninsula Division
	SF	San Francisco Division
AREA 2	DI	Diablo Division
	EB	East Bay Division
	MI	Mission Division
AREA 3	CC	Central Coast Division
	DA	De Anza Division
	SJ	San Jose Division
AREA 4	FR	Fresno Division
	KE	Kern Division
	LP	Los Padres Division
AREA 5	ST	Stockton Division
	YO	Yosemite Division
AREA 6	NV	North Valley Division
	SA	Sacramento Division
	SI	Sierra Division
AREA 7	NB	North Bay Division
	NC	North Coast Division

**2010 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.

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), based on the Electric Distribution Maintenance Manual and the QCR’s knowledge and experience, shall be prioritized and entered into a computerized maintenance system. This system generates an Electric Corrective Maintenance (“EC”) notification record, with a unique number that 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 corrective notification 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 corrective notification 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 2010 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	7,050	14,100	14,100	7,050	42,300
	SF	6,860	6,860	6,860	6,860	27,440
AREA 2	DI	11,167	11,167	11,167	11,167	44,668
	EB	22,989	0	0	22,990	45,979
	MI	12,000	10,000	10,000	12,779	44,779
AREA 3	CC	24819	24,819	24,000	821	74,459
	DA	9,434	14,261	9,639	4,011	37,345
	SJ	15,555	15,555	15,000	556	46,666
AREA 4	FR	23,135	90,441	14,194	21,753	149,523
	KE	27,550	17,100	17,085	15,000	76,735
	LP	0	0	16900	50,947	67,847
AREA 5	ST	5,000	39,130	39,130	5,003	88,263
	YO	21,948	41,948	36,948	26,950	127,794
AREA 6	NV	45,000	15,000	10,000	42,684	112,684
	SA	7,000	4,000	33,000	5,958	49,958
	SI	23,717	23,717	23,717	23,717	94,868
AREA 7	NB	10,985	10,984,	10,984	10,984	43,937
	NC	34,459	51,859	17,359	17,659	121,336
<b>TOTAL</b>		<b>308,668</b>	<b>390,941</b>	<b>310,083</b>	<b>286,889</b>	<b>1,296,581</b>

**B. UNDERGROUND FACILITIES:**

<b>Number of Enclosures by Area/Division</b>		<b>Jan-Mar</b>	<b>Apr-Jun</b>	<b>Jul-Sept</b>	<b>Oct-Dec</b>	<b>Total</b>
AREA 1	PN	3,106	3,106	3,107	0	<b>9,319</b>
	SF	2,116	2,116	2,116	2,116	<b>8,463</b>
AREA 2	DI	4,745	4,745	4,746	4,746	<b>18,982</b>
	EB	3,938	0	0	3,939	<b>7,877</b>
	MI	6,000	2,000	2,000	16,020	<b>26,020</b>
AREA 3	CC	3,894	3,894	3,800	94	<b>11,682</b>
	DA	2,222	4,523	2,487	0	<b>9,232</b>
	SJ	5,777	5,777	5,278	500	<b>17,332</b>
AREA 4	FR	10,416	3,665	2,493	2,716	<b>19,290</b>
	KE	990	2,032	3,648	3,000	<b>9,670</b>
	LP	8,430	0	0	0	<b>8,430</b>
AREA 5	ST	2,163	2,163	2,164	2,164	<b>8,654</b>
	YO	1,700	1,237	1,350	1,440	<b>5,727</b>
AREA 6	NV	3,000	700	500	2,085	<b>6,285</b>
	SA	5,400	6,500	7,000	6,806	<b>25,706</b>
	SI	2,259	2,249	2,288	2,288	<b>9,084</b>
AREA 7	NB	2,170	2,170	2,169	2,169	<b>8,678</b>
	NC	3,604	2,723	2,723	3,157	<b>12,207</b>
<b>TOTAL</b>		<b>71,930</b>	<b>49,600</b>	<b>47,869</b>	<b>53,240</b>	<b>222,638</b>

### III. DETAILED INSPECTIONS SCHEDULED

Inspections are counted on a per pole basis.

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>2</sup> FACILITIES:

Number of Poles by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	1,909	3,819	3,819	1,909	11,456
	SF	1,461	1,461	1,461	1,461	5,844
AREA 2	DI	2,975	2,975	2,976	2,976	11,902
	EB	0	6,479	6,480	0	12,959
	MI	2,000	3,200	3,200	3,212	11,612
AREA 3	CC	9,455	9,455	9,000	456	28,366
	DA	3,396	3,651	2,439	1,363	10,849
	SJ	4,198	4,198	3,700	498	12,594
AREA 4	FR	8,295	16,903	19,464	6,560	51,222
	KE	6,200	7,000	10,173	6,000	29,373
	LP	0	5,000	17,000	199	22,199
AREA 5	ST	7,955	7,955	7,955	7,956	31,821
	YO	7,638	12,231	12,231	8,830	40,930
AREA 6	NV	2,000	15,459	15,458	13,450	46,367
	SA	1,500	7,500	7,500	7,265	23,765
	SI	6,319	10,231	10,231	6,139	32,920
AREA 7	NB	3,044	3,044	3,043	3,043	12,174
	NC	8,314	12,600	12,600	8,760	42,274
<b>TOTAL</b>		<b>76,659</b>	<b>133,161</b>	<b>148,730</b>	<b>80,077</b>	<b>438,627</b>

<sup>2</sup> Overhead inspections will be performed on Transformers, Switches & Disconnects, Protective Devices, Regulators/Capacitors and Overhead Conductors.

**B. UNDERGROUND<sup>3</sup> FACILITIES:**

Number of Enclosures by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	669	1,428	2,586	669	<b>5,352</b>
	SF	1,296	1,296	1,296	1,296	<b>5,182</b>
AREA 2	DI	2,872	2,872	2,873	2,873	<b>11,490</b>
	EB	0	2,403	2,403	0	<b>4,806</b>
	MI	3,000	4,000	4,000	2,021	<b>13,021</b>
AREA 3	CC	1,862	1,862	1,000	864	<b>5,588</b>
	DA	1,285	1,420	981	585	<b>4,271</b>
	SJ	2,737	2,737	2,238	500	<b>8,212</b>
AREA 4	FR	1,798	3,648	3,539	1,597	<b>10,582</b>
	KE	2,000	1,500	1,000	927	<b>5,427</b>
	LP	1,000	2924	200	0	<b>4,124</b>
AREA 5	ST	1,742	1,742	1,743	1,743	<b>6,970</b>
	YO	1,100	824	875	1,100	<b>3,899</b>
AREA 6	NV	250	1,081	1,093	825	<b>3,249</b>
	SA	2,600	1,800	1,800	1,164	<b>7,364</b>
	SI	1,079	1,796	1,796	1,078	<b>5,749</b>
AREA 7	NB	1,412	1,411	1,411	1,411	<b>5,645</b>
	NC	1,606	1,836	1,756	1,534	<b>6,732</b>
<b>TOTAL</b>		<b>28,308</b>	<b>36,580</b>	<b>32,590</b>	<b>20,186</b>	<b>117,663</b>

<sup>3</sup> Underground inspections will be performed on Transformers, Switches & Disconnects, Protective Devices, Regulators/Capacitors, Pad-mounted equipment and Cables.

#### IV. INTRUSIVE INSPECTIONS SCHEDULED

PG&E plans to test and treat a total of approximately 235,000 poles in 2009. 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.

The table below has been updated to coincide with the 10-year cycle starting in 1998. The second cycle began in 2008. The 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>Yearly Cycle</b>	<b>1998</b>	<b>276,935</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>244,147</b>	
	<b>2009</b>		<b>235,000</b>
<b>2010</b>		<b>226,000</b>	



**2008 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.

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), based on the Electric Distribution Maintenance Manual and the QCR’s knowledge and experience, shall be prioritized and entered into a computerized maintenance system. This system generates an Electric Corrective Maintenance (“EC”) notification record, with a unique number that 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 corrective notification 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 corrective notification 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 2008 was based on an estimate<sup>4</sup> of poles and enclosures to be patrolled in 2008. The actual number of poles and enclosures patrolled in 2008 is reflected in the table below.

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. PG&E did however complete patrol of 100% of the poles and 100% of the enclosures in the areas scheduled for patrol.

		OVERHEAD			UNDERGROUND		
Division		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	46,427	46,121	-306	8,259	9,149	890
	SF	27,212	26,714	-498	9,031	10,944	1913
AREA 2	DI	42,728	42,488	-240	19,531	20,319	788
	EB	48,954	48,757	-197	8,291	8,482	191
	MI	52,122	51,539	-583	24,693	25,470	777
AREA 3	CC	93,069	92,328	-741	11,382	11,876	494
	DA	38,541	38,499	-42	9,143	9,170	27
	SJ	49,379	49,567	188	8,974	19,705	10731
AREA 4	FR	149,679	147,613	-2,066	19,289	19,553	264
	KE	76,827	79,591	2,764	9,709	11,773	2064
	LP	61,461	60,812	-649	6,279	6,475	196
AREA 5	ST	88,485	86,924	-1,561	11,232	10,610	-622
	YO	112,601	113,392	791	7,816	8,134	318
AREA 6	NV	115,079	115,651	572	5,890	6,543	653
	SA	57,785	59,062	1,277	12,601	13,614	1013
	SI	95,108	91,192	-3,916	18,845	9,335	-9510
AREA 7	NB	56,080	57,883	1,803	9,444	9,910	466
	NC	126,743	127,162	419	11,721	12,491	770
<b>TOTAL</b>		<b>1,338,280</b>	<b>1,335,295</b>	<b>-2,985</b>	<b>212,130</b>	<b>223,553</b>	<b>11423</b>

<sup>4</sup> See statement of estimating practice of facility counts on page 1 of this Report.

### **III. DETAILED INSPECTIONS**

#### **A. OVERHEAD AND UNDERGROUND FACILITIES:**

Overhead and underground inspections include inspections of transformers, switches and disconnects, protective devices, regulators, capacitors, and overhead conductors and cables. In addition for underground inspections, pad-mounted equipment is included.

The original inspection plan for poles and enclosures in 2008 was based on an estimate<sup>5</sup> of poles and enclosures to be inspected in 2008. The actual number of poles and enclosures inspected in 2008 is reflected on the following page.

The remaining differences 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. PG&E did however complete inspection of 100% of the poles and 99.99% of the enclosures in the areas scheduled for inspection. 17 enclosures or .01%, requiring inspection in 2008 were not completed by December 31<sup>st</sup>, 2008 due to access issues and administrative oversight. All have since been inspected.

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<sup>5</sup> See statement of estimating practice of facility counts on page 1 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	13,738	13,654	-84	6,638	5,353	-1,285
	SF	6,398	5,921	-477	4,453	3,488	-965
AREA 2	DI	12,571	12,463	-108	9,380	9,657	277
	EB	9,967	9,836	-131	3,968	4,001	33
	MI	5,135	4,971	-164	12,720	13,270	550
AREA 3	CC	25,084	25,067	-17	5,089	5,394	305
	DA	9,651	9,690	39	4,306	4,387	81
	SJ	10,887	11,753	866	7,140	11,719	4,579
AREA 4	FR	49,054	49,726	672	7,764	8,370	606
	KE	26,496	26,106	-390	5,337	5,951	614
	LP	20,341	20,001	-340	5,273	5,294	21
AREA 5	ST	34,041	33,552	-489	7,774	8,805	1,031
	YO	46,305	45,262	-1,043	3,052	2,732	-320
AREA 6	NV	41,576	42,307	731	3,547	4,038	491
	SA	19,179	19,367	188	6,690	7,209	519
	SI	40,842	39,201	-1,641	6,597	7,609	1,012
AREA 7	NB	18,796	17,661	-1,135	5,060	5,312	252
	NC	41,732	42,699	967	7,398	7,889	491
<b>TOTAL</b>		<b>431,793</b>	<b>429,237</b>	<b>-2,556</b>	<b>112,186</b>	<b>120,478</b>	<b>8,292</b>

<sup>1</sup> See statement of estimating practice of facility counts on page 1 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

<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<sup>6</sup></b>	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 the first part of 2007: In October, 2007 PG&E converted the database to a new system which translated grading into priorities.

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.

October 2007, going forward, the system priorities are as described in the following table. The SAP database still contains a population of EPCM notifications which still have the Grade 1 and Grade 2 prioritization:

<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 or table from all other Protective Devices, in the tables that follow.

<b>Electric Distribution Maintenance Work Priorities Description</b>	<b>Priority</b>
Necessary to resolve an unsafe situation and is immediate response work.	<b>A</b>
Necessary to restore service and is immediate response work.	<b>C</b>
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>
Necessary for system repair/improvement. <b>See sub-priorities below.</b>	<b>P</b>
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>
P2 Sub-priority entered in notification. Necessary for system repair/improvement impacting safety, reliability, or asset life.	<b>P2</b>
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>
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 2008:**

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 Corrective (EC) notification. The following tables indicate those EC notification records generated in 2008.

**SYSTEM SUMMARY**

Facilities	Estimated Quantity	Corrective Action Identified in 2008				No Corrective Action	
		Priority A&C		Priority G&P		Action	
		Number	Percent	Number	Percent	Number	Percent
Transformers							
Overhead	790,391	4,331	0.55%	3,672	0.46%	782,388	98.99%
Underground	218,372	1,073	0.49%	3,618	1.66%	213,681	97.85%
Switches & Disconnects							
Overhead	171,074	1,533	0.90%	2,989	1.75%	166,552	97.36%
Underground	128,920	189	0.15%	443	0.34%	128,288	99.51%
Protective Devices[1]							
Overhead Lightning Arrestors	<i>Data Not Available</i>	136	N/A	695	N/A	<i>Data Not Available</i>	N/A
Overhead Reclosers/ Sectionalizers	4,920	126	2.56%	543	11.04%	4,251	86.40%
Underground	2,401	38	1.58%	279	11.62%	2,084	86.80%
Voltage Regulation							
Overhead	16,423	290	1.77%	2,051	12.49%	14,082	85.75%
Underground	372	1	0.27%	26	6.99%	345	92.74%
Conductors & Cables							
Overhead	2,345,690	14,444	0.62%	40,964	1.75%	2,290,282	97.64%
Underground	376,816	5,000	1.33%	10,937	2.90%	360,879	95.77%
<b>Total:</b>	<b>4,055,379</b>	<b>27,161</b>	<b>0.67%</b>	<b>66,217</b>	<b>1.63%</b>	<b>3,962,001</b>	<b>97.70%</b>

[1] See Footnote <sup>7</sup>

<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 line item from all other Overhead Protective Devices.



**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD TRANSFORMERS**

Division		Trans formers OVERHEAD	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	22,760	139	0.61%	104	0.46%	22,517	98.93%
	SF	9,685	80	0.83%	63	0.65%	9,542	98.52%
AREA 2	DI	21,497	119	0.55%	59	0.27%	21,319	99.17%
	EB	19,628	124	0.63%	106	0.54%	19,398	98.83%
	MI	18,401	108	0.59%	49	0.27%	18,244	99.15%
AREA 3	CC	45,113	393	0.87%	207	0.46%	44,513	98.67%
	DA	17,577	102	0.58%	55	0.31%	17,420	99.11%
	SJ	22,546	156	0.69%	38	0.17%	22,352	99.14%
AREA 4	FR	98,174	388	0.40%	662	0.67%	97,124	98.93%
	KE	43,153	242	0.56%	375	0.87%	42,536	98.57%
	LP	35,349	273	0.77%	99	0.28%	34,977	98.95%
AREA 5	ST	62,908	290	0.46%	195	0.31%	62,423	99.23%
	YO	85,712	319	0.37%	675	0.79%	84,718	98.84%
AREA 6	NV	70,784	297	0.42%	219	0.31%	70,268	99.27%
	SA	31,919	192	0.60%	174	0.55%	31,553	98.85%
	SI	81,518	326	0.40%	120	0.15%	81,072	99.45%
AREA 7	NB	26,411	148	0.56%	98	0.37%	26,165	99.07%
	NC	77,256	635	0.82%	374	0.48%	76,247	98.69%
<b>TOTAL</b>		<b>790,391</b>	<b>4,331</b>	<b>0.55%</b>	<b>3,672</b>	<b>0.46%</b>	<b>782,388</b>	<b>98.99%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

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

Division		Switches & Disconnects OVERHEAD	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	7,160	157	2.19%	127	1.77%	6,876	96.03%
	SF	3,636	38	1.05%	83	2.28%	3,515	96.67%
AREA 2	DI	7,502	38	0.51%	118	1.57%	7,346	97.92%
	EB	6,208	46	0.74%	207	3.33%	5,955	95.92%
	MI	7,110	40	0.56%	107	1.50%	6,963	97.93%
AREA 3	CC	11,344	161	1.42%	155	1.37%	11,028	97.21%
	DA	5,771	34	0.59%	59	1.02%	5,678	98.39%
	SJ	8,085	33	0.41%	72	0.89%	7,980	98.70%
AREA 4	FR	17,020	131	0.77%	629	3.70%	16,260	95.53%
	KE	9,689	108	1.11%	140	1.44%	9,441	97.44%
	LP	7,652	119	1.56%	121	1.58%	7,412	96.86%
AREA 5	ST	11,022	89	0.81%	223	2.02%	10,710	97.17%
	YO	11,936	79	0.66%	170	1.42%	11,687	97.91%
AREA 6	NV	11,152	109	0.98%	148	1.33%	10,895	97.70%
	SA	6,494	53	0.82%	120	1.85%	6,321	97.34%
	SI	15,596	116	0.74%	106	0.68%	15,374	98.58%
AREA 7	NB	7,393	51	0.69%	82	1.11%	7,260	98.20%
	NC	16,304	131	0.80%	322	1.97%	15,851	97.22%
<b>TOTAL</b>		<b>171,074</b>	<b>1,533</b>	<b>0.90%</b>	<b>2,989</b>	<b>1.75%</b>	<b>166,552</b>	<b>97.36%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>8</sup>**

Division		Protective Devices (Lightning Arrestors) OVERHEAD	Corrective Action Identified				No Corrective Action	
			Priority A&C		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		N/A		
AREA 2	DI	<i>Data Not Available</i>		N/A		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>	3	N/A	2	N/A	<i>Data Not Available</i>	
	DA		2	N/A	7	N/A		
	SJ			N/A		N/A		
AREA 4	FR	<i>Data Not Available</i>	37	N/A	316	N/A	<i>Data Not Available</i>	
	KE		18	N/A	46	N/A		
	LP		10	N/A	21	N/A		
AREA 5	ST	<i>Data Not Available</i>	1	N/A	8	N/A	<i>Data Not Available</i>	
	YO		13	N/A	72	N/A		
AREA 6	NV	<i>Data Not Available</i>	15	N/A	89	N/A	<i>Data Not Available</i>	
	SA		7	N/A	35	N/A		
	SI		18	N/A	35	N/A		
AREA 7	NB	<i>Data Not Available</i>		N/A	2	N/A	<i>Data Not Available</i>	
	NC		12	N/A	62	N/A		
<b>TOTAL</b>			<b>136</b>		<b>695</b>			

<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 table from all other Overhead Protective Devices.

**A. CONDITIONS REPORTED IN 2008: (continued)**

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

Division		Protective Devices (Reclosers/ Sectionalizers)	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
		OVERHEAD	Number	Percent	Number	Percent		
AREA 1	PN	167	2	1.20%	7	4.19%	158	94.61%
	SF	62		0.00%		2		3.23%
AREA 2	DI	174	4	2.30%	14	8.05%	156	89.66%
	EB	136	2	1.47%	20	14.71%	114	83.82%
	MI	144	1	0.69%	16	11.11%	127	88.19%
AREA 3	CC	450	24	5.33%	10	2.22%	416	92.44%
	DA	123	3	2.44%	22	17.89%	98	79.67%
	SJ	172	3	1.74%	4	2.33%	165	95.93%
AREA 4	FR	477	14	2.94%	75	15.72%	388	81.34%
	KE	253	5	1.98%	64	25.30%	184	72.73%
	LP	209	5	2.39%	29	13.88%	175	83.73%
AREA 5	ST	275	10	3.64%	49	17.82%	216	78.55%
	YO	552	5	0.91%	54	9.78%	493	89.31%
AREA 6	NV	400	9	2.25%	20	5.00%	371	92.75%
	SA	236	5	2.12%	35	14.83%	196	83.05%
	SI	374	31	8.29%	38	10.16%	305	81.55%
AREA 7	NB	206		0.00%	26	12.62%	180	87.38%
	NC	510	3	0.59%	58	11.37%	449	88.04%
<b>TOTAL</b>		<b>4,920</b>	<b>126</b>	<b>2.56%</b>	<b>543</b>	<b>11.04%</b>	<b>4,251</b>	<b>86.40%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD VOLTAGE REGULATION**

Division		Voltage Regulation OVERHEAD	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	560	14	2.50%	62	11.07%	484	86.43%
	SF	345	8	2.32%	54	15.65%	283	82.03%
AREA 2	DI	499	4	0.80%	79	15.83%	416	83.37%
	EB	467	7	1.50%	73	15.63%	387	82.87%
	MI	666	4	0.60%	96	14.41%	566	84.98%
AREA 3	CC	762	41	5.38%	87	11.42%	634	83.20%
	DA	454	9	1.98%	97	21.37%	348	76.65%
	SJ	605	11	1.82%	42	6.94%	552	91.24%
AREA 4	FR	2,081	52	2.50%	335	16.10%	1,694	81.40%
	KE	1,344	20	1.49%	214	15.92%	1,110	82.59%
	LP	732	13	1.78%	115	15.71%	604	82.51%
AREA 5	ST	1,083	16	1.48%	103	9.51%	964	89.01%
	YO	1,638	13	0.79%	134	8.18%	1,491	91.03%
AREA 6	NV	1,316	23	1.75%	119	9.04%	1,174	89.21%
	SA	946	11	1.16%	138	14.59%	797	84.25%
	SI	1,183	28	2.37%	93	7.86%	1,062	89.77%
AREA 7	NB	491	7	1.43%	57	11.61%	427	86.97%
	NC	1,251	9	0.72%	153	12.23%	1,089	87.05%
<b>TOTAL</b>		<b>16,423</b>	<b>290</b>	<b>1.77%</b>	<b>2,051</b>	<b>12.49%</b>	<b>14,082</b>	<b>85.75%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

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

Division		Conductors & Cable OVERHEAD	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	65,341	1189	1.82%	2567	3.93%	61,585	94.25%
	SF	33,000	623	1.89%	1707	0.16%	30,670	92.94%
AREA 2	DI	59,995	491	0.82%	1009	1.68%	58,495	97.50%
	EB	61,189	579	0.95%	2755	4.50%	57,855	94.55%
	MI	57,201	303	0.53%	1002	1.75%	55,896	97.72%
AREA 3	CC	134,871	1172	0.87%	1975	1.46%	131,724	97.67%
	DA	48,210	828	1.72%	2087	4.33%	45,295	93.95%
	SJ	61,441	621	1.01%	791	1.29%	60,029	97.70%
AREA 4	FR	254,473	1020	0.40%	6183	2.43%	247,270	97.17%
	KE	140,494	839	0.60%	1176	0.84%	138,479	98.57%
	LP	127,619	647	0.51%	717	0.56%	126,255	98.93%
AREA 5	ST	172,632	599	0.35%	2996	1.74%	169,037	97.92%
	YO	243,612	651	0.27%	2868	1.18%	240,093	98.56%
AREA 6	NV	232,779	1136	0.49%	3830	1.65%	227,813	97.87%
	SA	109,784	737	0.67%	2308	2.10%	106,739	97.23%
	SI	243,455	1167	0.48%	1105	0.45%	241,183	99.07%
AREA 7	NB	77,392	691	0.89%	2411	3.12%	74,290	95.99%
	NC	222,202	1151	0.52%	3478	1.57%	217,573	97.92%
<b>TOTAL</b>		<b>2,345,690</b>	<b>14,444</b>	<b>0.62%</b>	<b>40,965</b>	<b>1.75%</b>	<b>2,290,281</b>	<b>97.64%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND TRANSFORMERS**

Division		Transformers (Padmount Included) UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	7,368	62	0.84%	176	2.39%	7,130	96.77%
	SF	6,428	29	0.45%	754	11.73%	5,645	87.82%
AREA 2	DI	18,597	99	0.53%	262	1.41%	18,236	98.06%
	EB	6,341	33	0.52%	124	1.96%	6,184	97.52%
	MI	19,072	87	0.46%	174	0.91%	18,811	98.63%
AREA 3	CC	9,730	33	0.34%	243	2.50%	9,454	97.16%
	DA	7,237	48	0.66%	49	0.68%	7,140	98.66%
	SJ	17,278	134	0.78%	322	1.86%	16,822	97.36%
AREA 4	FR	21,547	90	0.42%	166	0.77%	21,291	98.81%
	KE	13,903	72	0.52%	87	0.63%	13,744	98.86%
	LP	8,895	29	0.33%	194	2.18%	8,672	97.49%
AREA 5	ST	14,382	59	0.41%	111	0.77%	14,212	98.82%
	YO	9,072	32	0.35%	155	1.71%	8,885	97.94%
AREA 6	NV	7,758	26	0.34%	228	2.94%	7,504	96.73%
	SA	12,429	66	0.53%	142	1.14%	12,221	98.33%
	SI	15,507	74	0.48%	110	0.71%	15,323	98.81%
AREA 7	NB	9,677	47	0.49%	146	1.51%	9,484	98.01%
	NC	13,151	53	0.40%	175	1.33%	12,923	98.27%
<b>TOTAL</b>		<b>218,372</b>	<b>1,073</b>	<b>0.49%</b>	<b>3,618</b>	<b>1.66%</b>	<b>213,681</b>	<b>97.85%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

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

Division		Switches & Disconnects UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	5,530	24	0.43%	40	0.72%	5,466	98.84%
	SF	6,814	8	0.12%	24	0.35%	6,782	99.53%
AREA 2	DI	11,594	14	0.12%	39	0.34%	11,541	99.54%
	EB	4,886	12	0.25%	21	0.43%	4,853	99.32%
	MI	14,241	13	0.09%	23	0.16%	14,205	99.75%
AREA 3	CC	2,748	4	0.15%	27	0.98%	2,717	98.87%
	DA	5,348	12	0.22%	8	0.15%	5,328	99.63%
	SJ	13,208	16	0.12%	53	0.40%	13,139	99.48%
AREA 4	FR	9,126	9	0.10%	47	0.52%	9,070	99.39%
	KE	9,352	6	0.06%	12	0.13%	9,334	99.81%
	LP	3,121	2	0.06%	41	1.31%	3,078	98.62%
AREA 5	ST	8,891	24	0.27%	14	0.16%	8,853	99.57%
	YO	2,887	1	0.03%	9	0.31%	2,877	99.65%
AREA 6	NV	2,856	5	0.18%	12	0.42%	2,839	99.40%
	SA	6,859	10	0.15%	15	0.22%	6,834	99.64%
	SI	6,603	4	0.06%	4	0.06%	6,595	99.88%
AREA 7	NB	5,428	11	0.20%	27	0.50%	5,390	99.30%
	NC	9,428	14	0.15%	27	0.29%	9,387	99.57%
<b>TOTAL</b>		<b>128,920</b>	<b>189</b>	<b>0.15%</b>	<b>443</b>	<b>0.34%</b>	<b>128,288</b>	<b>99.51%</b>



**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	39	1	2.56%	6	15.38%	32	82.05%
	SF	1213	1	0.08%	150	12.37%	1062	87.55%
AREA 2	DI	53	4	7.55%	13	24.53%	36	67.92%
	EB	256	5	1.95%	13	5.08%	238	92.97%
	MI	62	3	4.84%	14	22.58%	45	72.58%
AREA 3	CC	19	2	10.53%	5	26.32%	12	63.16%
	DA	89	1	1.12%	5	5.62%	83	93.26%
	SJ	340	6	1.76%	15	4.41%	319	93.82%
AREA 4	FR	34	5	14.71%	17	50.00%	12	35.29%
	KE	21		0.00%	1	4.76%	20	95.24%
	LP	30	1	3.33%	3	10.00%	26	86.67%
AREA 5	ST	34	3	8.82%	7	20.59%	24	70.59%
	YO	29		0.00%	2	6.90%	27	93.10%
AREA 6	NV	14	1	7.14%	4	28.57%	9	64.29%
	SA	29	4	13.79%	9	31.03%	16	55.17%
	SI	34	1	2.94%	1	2.94%	32	94.12%
AREA 7	NB	24		0.00%	1	4.17%	23	95.83%
	NC	81		0.00%	13	16.05%	68	83.95%
<b>TOTAL</b>		<b>2,401</b>	<b>38</b>	<b>1.58%</b>	<b>279</b>	<b>11.62%</b>	<b>2,084</b>	<b>86.80%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	12		0.00%	1	8.33%	11	91.67%
	SF	1		0.00%	1	100.00%	0	0.00%
AREA 2	DI	28	1	3.57%	1	3.57%	26	92.86%
	EB							
	MI	98		0.00%	8	8.16%	90	91.84%
AREA 3	CC	2		0.00%	1	50.00%	1	50.00%
	DA	5		0.00%	1	20.00%	4	80.00%
	SJ	90		0.00%	2	2.22%	88	97.78%
AREA 4	FR	39		0.00%	1	2.56%	38	97.44%
	KE	9		0.00%		0.00%	9	100.00%
	LP	3		0.00%	2	66.67%	1	33.33%
AREA 5	ST	18		0.00%	5	27.78%	13	72.22%
	YO							
AREA 6	NV	1		0.00%		0.00%	1	100.00%
	SA	46		0.00%		0.00%	46	100.00%
	SI	11		0.00%		0.00%	11	100.00%
AREA 7	NB	8		0.00%	3	37.50%	5	62.50%
	NC	1		0.00%		0.00%	1	100.00%
<b>TOTAL</b>		<b>372</b>	<b>1</b>	<b>0.27%</b>	<b>26</b>	<b>6.99%</b>	<b>345</b>	<b>92.74%</b>

**A. CONDITIONS REPORTED IN 2008: (continued)**

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

Division		Conductor & Cables UNDERGROUND	Corrective Action Identified				No Corrective Action	
			Priority A&C		Priority G&P		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	15,623	259	1.66%	850	5.44%	14,514	92.90%
	SF	23,799	253	1.06%	1024	4.30%	22,522	94.63%
AREA 2	DI	31,182	465	1.49%	893	2.86%	29,824	95.64%
	EB	13,054	264	2.02%	784	6.01%	12,006	91.97%
	MI	38,537	314	0.81%	1083	2.81%	37,140	96.37%
AREA 3	CC	17,563	303	1.73%	454	2.58%	16,806	95.69%
	DA	13,555	271	2.00%	200	1.48%	13,084	96.53%
	SJ	32,811	441	1.34%	910	2.77%	31,460	95.88%
AREA 4	FR	28,378	388	1.37%	815	2.87%	27,175	95.76%
	KE	17,983	336	1.87%	174	0.97%	17,473	97.16%
	LP	16,845	241	1.43%	224	1.33%	16,380	97.24%
AREA 5	ST	21,045	257	1.22%	671	3.19%	20,117	95.59%
	YO	11,045	195	1.77%	374	3.39%	10,476	94.85%
AREA 6	NV	13,113	121	0.92%	584	4.45%	12,408	94.62%
	SA	21,638	243	1.12%	502	2.32%	20,893	96.56%
	SI	21,218	294	1.39%	245	1.15%	20,679	97.46%
AREA 7	NB	16,138	173	1.07%	503	3.12%	15,462	95.81%
	NC	23,289	182	0.78%	647	2.78%	22,460	96.44%
<b>TOTAL</b>		<b>376,816</b>	<b>5,000</b>	<b>1.33%</b>	<b>10,937</b>	<b>2.90%</b>	<b>360,879</b>	<b>95.77%</b>

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

There were 41,836 equipment conditions scheduled for correction in 2008.<sup>9/</sup> 41,003 conditions or 98.01% of those conditions scheduled for 2008 were completed by December 31, 2008. 833 conditions were not corrected by December 31, 2008, representing 1.99% of conditions scheduled for 2008. The 833 late conditions are due to end of year storm activity, estimating constraints, third party issues, and administrative oversight. All have since been corrected, reassessed, cancelled or found corrected in the field on arrival.

Abnormal conditions in the “Conditions Scheduled for Correction in 2008” column were identified in year 2008 and prior years. Conditions reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, or received other appropriate action.

**SYSTEM SUMMARY OF CORRECTIONS**

Facilities	Conditions Scheduled for Correction in 2008	Number of Facilities			
		Corrected	Percent	Not Corrected	Percent
Transformers					
Overhead	1,982	1,899	95.81%	83	4.19%
Underground	2,106	2,053	97.48%	53	2.52%
<b>Switches &amp; Disconnects</b>					
Overhead	2,213	2,172	98.15%	41	1.85%
Underground	335	328	97.91%	7	2.09%
<b>Protective Devices</b>					
Lightning Arrestors	433	429	99.08%	4	0.92%
Overhead Reclosures/ Sectionalizers	379	365	96.31%	14	3.69%
Underground	140	137	97.86%	3	2.14%
<b>Voltage Regulation</b>					
Overhead	1,679	1,664	99.11%	15	0.89%
Underground	28	28	100.00%	0	0.00%
<b>Conductors &amp; Cables</b>					
Overhead	25,831	25,342	98.11%	489	1.89%
Underground	6,710	6,586	98.15%	124	1.85%
<b>TOTAL</b>	<b>41,836</b>	<b>41,003</b>	<b>98.01%</b>	<b>833</b>	<b>1.99%</b>

9/ The number of conditions scheduled for correction in 2008 does not include conditions that were reassessed during 2008 and were assigned due dates after 2008.

**B. CORRECTIVE ACTION SCHEDULED FOR 2008: (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	32	81	32	100.00%		0.00%	81	100.00%		0.00%
	SF	36	532	36	100.00%		0.00%	532	100.00%		0.00%
AREA 2	DI	70	106	67	95.71%	3	4.29%	104	98.11%	2	1.89%
	EB	43	93	40	93.02%	3	6.98%	93	100.00%		0.00%
	MI	24	112	24	100.00%		0.00%	99	88.39%	13	11.61%
AREA 3	CC	126	218	126	100.00%		0.00%	217	99.54%	1	0.46%
	DA	26	21	26	100.00%		0.00%	21	100.00%		0.00%
	SJ	18	99	18	100.00%		0.00%	99	100.00%		0.00%
AREA 4	FR	392	66	388	98.98%	4	1.02%	65	98.48%	1	1.52%
	KE	172	17	172	100.00%		0.00%	17	100.00%		0.00%
	LP	50	84	41	82.00%	9	18.00%	70	83.33%	14	16.67%
AREA 5	ST	112	77	107	95.54%	5	4.46%	77	100.00%		0.00%
	YO	360	69	352	97.78%	8	2.22%	67	97.10%	2	2.90%
AREA 6	NV	95	126	79	83.16%	16	16.84%	117	92.86%	9	7.14%
	SA	60	118	60	100.00%		0.00%	118	100.00%		0.00%
	SI	57	87	55	96.49%	2	3.51%	86	98.85%	1	1.15%
AREA 7	NB	50	91	50	100.00%		0.00%	87	95.60%	4	4.40%
	NC	259	109	226	87.26%	33	12.74%	103	94.50%	6	5.50%
<b>TOTAL</b>		<b>1,982</b>	<b>2,106</b>	<b>1,899</b>	<b>95.81%</b>	<b>83</b>	<b>4.19%</b>	<b>2,053</b>	<b>97.48%</b>	<b>53</b>	<b>2.52%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2008: (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	103	34	103	100.00%		0.00%	32	94.12%	2	5.88%
	SF	53	22	53	100.00%		0.00%	22	100.00%		0.00%
AREA 2	DI	81	39	81	100.00%		0.00%	39	100.00%		0.00%
	EB	156	19	149	95.51%	7	4.49%	17	89.47%	2	10.53%
	MI	66	22	65	98.48%	1	1.52%	22	100.00%		0.00%
AREA 3	CC	107	6	106	99.07%	1	0.93%	6	100.00%		0.00%
	DA	36	8	36	100.00%		0.00%	8	100.00%		0.00%
	SJ	61	30	61	100.00%		0.00%	30	100.00%		0.00%
AREA 4	FR	500	30	499	99.80%	1	0.20%	30	100.00%		0.00%
	KE	66	9	65	98.48%	1	1.52%	9	100.00%		0.00%
	LP	72	21	63	87.50%	9	12.50%	21	100.00%		0.00%
AREA 5	ST	207	17	207	100.00%		0.00%	17	100.00%		0.00%
	YO	147	7	143	97.28%	4	2.72%	7	100.00%		0.00%
AREA 6	NV	97	8	93	95.88%	4	4.12%	7	87.50%	1	12.50%
	SA	100	18	100	100.00%		0.00%	18	100.00%		0.00%
	SI	71	12	71	100.00%		0.00%	12	100.00%		0.00%
AREA 7	NB	63	18	63	100.00%		0.00%	17	94.44%	1	5.56%
	NC	227	15	214	94.27%	13	5.73%	14	93.33%	1	6.67%
<b>TOTAL</b>		<b>2,213</b>	<b>335</b>	<b>2,172</b>	<b>98.15%</b>	<b>41</b>	<b>1.85%</b>	<b>328</b>	<b>97.91%</b>	<b>7</b>	<b>2.09%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2008: (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	Number	Percent
AREA 1	PN	10	6	10	100.00%		0.00%	6	100.00%		0.00%
	SF	3	57	3	100.00%		0.00%	57	100.00%		0.00%
AREA 2	DI	21	10	21	100.00%		0.00%	10	100.00%		0.00%
	EB	16	7	14	87.50%	2	12.50%	6	85.71%	1	14.29%
	MI	11	8	8	72.73%	3	27.27%	7	87.50%	1	12.50%
AREA 3	CC	13	3	13	100.00%		0.00%	3	100.00%		0.00%
	DA	12	2	12	100.00%		0.00%	2	100.00%		0.00%
	SJ	3	15	3	100.00%		0.00%	15	100.00%		0.00%
AREA 4	FR	233	7	232	99.57%	1	0.43%	7	100.00%		0.00%
	KE	38	1	37	97.37%	1	2.63%	1	100.00%		0.00%
	LP	23	2	19	82.61%	4	17.39%	2	100.00%		0.00%
AREA 5	ST	36	2	35	97.22%	1	2.78%	2	100.00%		0.00%
	YO	101	2	101	100.00%		0.00%	2	100.00%		0.00%
AREA 6	NV	68	2	65	95.59%	3	4.41%	2	100.00%		0.00%
	SA	52	6	52	100.00%		0.00%	6	100.00%		0.00%
	SI	61	0	60	98.36%	1	1.64%		0.00%		0.00%
AREA 7	NB	21	1	21	100.00%		0.00%	1	100.00%		0.00%
	NC	90	9	88	97.78%	2	2.22%	8	88.89%	1	11.11%
<b>TOTAL</b>		<b>812</b>	<b>140</b>	<b>794</b>	<b>97.78%</b>	<b>18</b>	<b>2.22%</b>	<b>137</b>	<b>97.86%</b>	<b>3</b>	<b>2.14%</b>

**B. CORRECTIVE ACTION SCHEDULED FOR 2008: (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	59	1	59	100.00%		0.00%	1	100.00%		0.00%
	SF	57	3	57	100.00%		0.00%	3	100.00%		0.00%
AREA 2	DI	83	4	83	100.00%		0.00%	4	100.00%		0.00%
	EB	72	1	72	100.00%		0.00%	1	100.00%		0.00%
	MI	73	5	72	98.63%	1	1.37%	5	100.00%		0.00%
AREA 3	CC	70	1	70	100.00%		0.00%	1	100.00%		0.00%
	DA	76	1	76	100.00%		0.00%	1	100.00%		0.00%
	SJ	44	4	44	100.00%		0.00%	4	100.00%		0.00%
AREA 4	FR	271	2	271	100.00%		0.00%	2	100.00%		0.00%
	KE	144	0	144	97.96%		2.04%		0.00%		0.00%
	LP	84	2	81	100.00%	3	0.00%	2	100.00%		0.00%
AREA 5	ST	77	4	77	98.72%		1.28%	4	100.00%		0.00%
	YO	127	0	126	95.45%	1	4.55%		0.00%!		0.00%
AREA 6	NV	86	0	80	100.00%	6	0.00%		0.00%!		0.00%
	SA	103	0	103	100.00%		0.00%		0.00%		0.00%
	SI	66	0	66	100.00%		0.00%		0.00%!		0.00%
AREA 7	NB	49	0	49	100.00%		0.00%		0.00%		0.00%
	NC	138	0	134	97.10%	4	2.90%		0.00%		0.00%
<b>TOTAL</b>		<b>1,679</b>	<b>28</b>	<b>1,664</b>	<b>99.11%</b>	<b>15</b>	<b>0.89%</b>	<b>28</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>



**B. CORRECTIVE ACTION SCHEDULED FOR 2008: (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	1,070	338	1068	99.81%	2	0.19%	337	99.70%	1	0.30%
	SF	1,525	686	1525	100.00%	0	0.00%	686	100.00%	0	0.00%
AREA 2	DI	850	641	805	94.71%	45	5.29%	638	99.53%	3	0.47%
	EB	1,947	511	1925	98.87%	22	1.13%	497	97.26%	14	2.74%
	MI	972	916	926	95.27%	46	4.73%	904	98.69%	12	1.31%
AREA 3	CC	1,259	348	1250	99.29%	9	0.71%	345	99.14%	3	0.86%
	DA	553	155	553	100.00%	0	0.72%	155	100.00%	0	0.00%
	SJ	486	459	482	99.18%	4	2.03%	453	98.69%	6	1.31%
AREA 4	FR	2,807	229	2797	99.64%	10	0.07%	229	100.00%	0	0.00%
	KE	547	114	545	99.63%	2	5.55%	114	100.00%	0	0.00%
	LP	612	184	580	94.77%	32	2.68%	169	91.85%	15	8.15%
AREA 5	ST	2,326	258	2310	99.31%	16	2.24%	258	100.00%	0	0.00%
	YO	1,924	253	1871	97.25%	53	5.70%	242	95.65%	11	4.35%
AREA 6	NV	2,154	342	2041	94.75%	113	0.05%	308	90.06%	34	9.94%
	SA	1,422	412	1421	99.93%	1	0.21%	411	99.76%	1	0.24%
	SI	1,166	227	1163	99.74%	3	1.69%	223	98.24%	4	1.76%
AREA 7	NB	857	300	837	97.67%	20	0.83%	293	97.67%	7	2.33%
	NC	3,354	337	3243	96.69%	111	3.11%	324	96.14%	13	3.86%
<b>TOTAL</b>		<b>25,831</b>	<b>6,710</b>	<b>25,342</b>	<b>98.11%</b>	<b>489</b>	<b>1.89%</b>	<b>6,586</b>	<b>98.15%</b>	<b>124</b>	<b>1.85%</b>

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

Abnormal conditions in the “Corrective Action Scheduled for 2009” column were identified in year 2008 and prior years.

**SYSTEM SUMMARY**

**Appendix B - Section IV - Subsection C**

Facilities	Estimated Quantity	Scheduled 2009	
		Grade 2/Priority G&P	
		Number	Percent
Transformers			
Overhead	790,391	3,795	0.48%
Underground	218,372	2,706	1.24%
Switches & Disconnects			
Overhead	171,074	1,048	0.61%
Underground	128,920	297	0.23%
Protective Devices[1]			
Overhead Lightning Arrestors	Data Not Available	328	
Overhead Reclosers/ Sectionalizers	4,920	132	2.68%
Underground	2,401	83	3.46%
Voltage Regulation			
Overhead	16,423	317	1.93%
Underground	372	9	2.42%
Conductors & Cables			
Overhead	2,345,690	33,521	1.43%
Underground	376,816	6,930	1.84%
<b>Total</b>	<b>4,055,379</b>	<b>49,166</b>	<b>1.21%</b>

[1] See Footnote <sup>10</sup>

<sup>10</sup> The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and it 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 2009: (continued)**

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

Division		Transformer OH UG		Corrective Action Scheduled 2009			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	22,760	7,368	243	1.07%	190	2.58%
	SF	9,685	6,428	55	0.57%	234	3.64%
AREA 2	DI	21,497	18,597	91	0.42%	256	1.38%
	EB	19,628	6,341	200	1.02%	94	1.48%
	MI	18,401	19,072	57	0.31%	175	0.92%
AREA 3	CC	45,113	9,730	376	0.83%	273	2.81%
	DA	17,577	7,237	36	0.20%	43	0.59%
	SJ	22,546	17,278	29	0.13%	183	1.06%
AREA 4	FR	98,174	21,547	723	0.74%	151	0.70%
	KE	43,153	13,903	180	0.42%	54	0.39%
	LP	35,349	8,895	161	0.46%	227	2.55%
AREA 5	ST	62,908	14,382	31	0.05%	80	0.56%
	YO	85,712	9,072	65	0.08%	97	1.07%
AREA 6	NV	70,784	7,758	404	0.57%	223	2.87%
	SA	31,919	12,429	585	1.83%	50	0.40%
	SI	81,518	15,507	237	0.29%	101	0.65%
AREA 7	NB	26,411	9,677	45	0.17%	157	1.62%
	NC	77,256	13,151	277	0.36%	118	0.90%
<b>TOTAL</b>		<b>790,391</b>	<b>218,372</b>	<b>3,795</b>	<b>0.48%</b>	<b>2,706</b>	<b>1.24%</b>

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

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

Division		Switch & Disconnects		Corrective Action Scheduled 2009			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	7,160	5,530	76	1.06%	31	0.56%
	SF	3,636	6,814	20	0.55%	14	0.21%
AREA 2	DI	7,502	11,594	53	0.71%	17	0.15%
	EB	6,208	4,886	83	1.34%	24	0.49%
	MI	7,110	14,241	79	1.11%	31	0.22%
AREA 3	CC	11,344	2,748	59	0.52%	36	1.31%
	DA	5,771	5,348	21	0.36%	7	0.13%
	SJ	8,085	13,208	28	0.35%	25	0.19%
AREA 4	FR	17,020	9,126	61	0.36%	23	0.25%
	KE	9,689	9,352	51	0.53%	7	0.07%
	LP	7,652	3,121	107	1.40%	33	1.06%
AREA 5	ST	11,022	8,891	29	0.26%	2	0.02%
	YO	11,936	2,887	35	0.29%	3	0.10%
AREA 6	NV	11,152	2,856	73	0.65%	8	0.28%
	SA	6,494	6,859	28	0.43%	6	0.09%
	SI	15,596	6,603	59	0.38%	9	0.14%
AREA 7	NB	7,393	5,428	19	0.26%	13	0.24%
	NC	16,304	9,428	167	1.02%	8	0.08%
<b>TOTAL</b>		<b>171,074</b>	<b>128,920</b>	<b>1,048</b>	<b>0.61 %</b>	<b>297</b>	<b>0.23 %</b>

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

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

Division		Protective Devices – Lightning Arrestors OH	Corrective Action Scheduled 2009	
			OH	
			Number	Percent
AREA 1	PN	<i>Data Not Available</i>	N/A	
	SF		N/A	
AREA 2	DI	<i>Data Not Available</i>	N/A	
	EB		N/A	
	MI		N/A	
AREA 3	CC	<i>Data Not Available</i>	4	N/A
	DA			N/A
	SJ			N/A
AREA 4	FR	<i>Data Not Available</i>	97	N/A
	KE		29	N/A
	LP		11	N/A
AREA 5	ST	<i>Data Not Available</i>	2	N/A
	YO		21	N/A
AREA 6	NV	<i>Data Not Available</i>	67	N/A
	SA		11	N/A
	SI		30	N/A
AREA 7	NB	<i>Data Not Available</i>	1	N/A
	NC		55	N/A
<b>TOTAL</b>			<b>328</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.

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

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

Division		Protective Devices		Corrective Action Scheduled 2009			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	167	39	9	5.39%	4	10.26%
	SF	62	1,213	2	3.23%	26	2.14%
AREA 2	DI	174	53	2	1.15%	3	5.66%
	EB	136	256	5	3.68%	4	1.56%
	MI	144	62	6	4.17%	13	20.97%
AREA 3	CC	450	19	8	1.78%	2	10.53%
	DA	123	89	5	4.07%	4	4.49%
	SJ	172	340	1	0.58%	6	1.76%
AREA 4	FR	477	34	7	1.47%	5	14.71%
	KE	253	21	41	16.21%	2	9.52%
	LP	209	30	6	2.87%	3	10.00%
AREA 5	ST	275	34	10	3.64%	3	8.82%
	YO	552	29	3	0.54%		0.00%
AREA 6	NV	400	14	8	2.00%	1	7.14%
	SA	236	29	1	0.42%	3	10.34%
	SI	374	34	6	1.60%	2	5.88%
AREA 7	NB	206	24	4	1.94%		0.00%
	NC	510	81	8	1.57%	2	2.47%
<b>TOTAL</b>		<b>4,920</b>	<b>2,401</b>	<b>132</b>	<b>2.68%</b>	<b>83</b>	<b>3.46%</b>

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

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

Division		Voltage Regulation		Corrective Action Scheduled 2009			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	560	12	9	1.61%		0.00%
	SF	345	1	2	0.58%		0.00%
AREA 2	DI	499	28	15	3.01%		0.00%
	EB	467		17	3.64%		0.00%
	MI	666	98	34	5.11%	3	3.06%
AREA 3	CC	762	2	10	1.31%		0.00%
	DA	454	5	6	1.32%		0.00%
	SJ	605	90	9	1.49%		0.00%
AREA 4	FR	2,081	39	16	0.77%	1	2.56%
	KE	1,344	9	48	3.57%		0.00%
	LP	732	3	5	0.68%		0.00%
AREA 5	ST	1083	18	10	0.92%	1	5.56%
	YO	1638		10	0.61%		0.00%
AREA 6	NV	1,316	1	31	2.36%		0.00%
	SA	946	46	22	2.33%	1	2.17%
	SI	1,183	11	24	2.03%		0.00%
AREA 7	NB	491	8	21	4.28%	2	25.00%
	NC	1251	1	28	2.24%	1	100.00%
<b>TOTAL</b>		<b>16,423</b>	<b>372</b>	<b>317</b>	<b>1.93%</b>	<b>9</b>	<b>2.42%</b>

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

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

Division		Conductors & Cables		Corrective Action Scheduled 2009			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	65,341	15,623	1,872	2.86%	805	5.15%
	SF	33,000	23,799	298	0.90%	435	1.83%
AREA 2	DI	59,995	31,182	717	1.20%	539	1.73%
	EB	61,189	13,054	6,356	10.39%	636	4.87%
	MI	57,201	38,537	552	0.97%	621	1.61%
AREA 3	CC	134,871	17,563	1,635	1.21%	403	2.29%
	DA	48,210	13,555	3,294	6.83%	154	1.14%
	SJ	61,441	32,811	546	0.89%	413	1.26%
AREA 4	FR	254,473	28,378	2,881	1.13%	371	1.31%
	KE	140,494	17,983	1,269	0.90%	145	0.81%
	LP	127,619	16,845	787	0.62%	278	1.65%
AREA 5	ST	172,632	21,045	1,023	0.59%	143	0.68%
	YO	243,612	11,045	1604	0.66%	134	1.21%
AREA 6	NV	232,779	13,113	3,863	1.66%	477	3.64%
	SA	109,784	21,638	1,347	1.23%	179	0.83%
	SI	243,455	21,218	1,151	0.47%	223	1.05%
AREA 7	NB	77,392	16,138	1,625	2.10%	557	3.45%
	NC	222,202	23,289	2701	1.22%	417	1.79%
<b>TOTAL</b>		<b>2,345,690</b>	<b>376,816</b>	<b>33,521</b>	<b>1.43%</b>	<b>6,930</b>	<b>1.84%</b>



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

Abnormal conditions in the “Corrective Action Scheduled for 2010” column were identified in year 2008 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	Scheduled 2010	
		Grade 2/Priority G&P	
		Number	Percent
Transformers			
Overhead	790,391	5,399	0.68%
Underground	218,372	1,140	0.52%
Switches & Disconnects			
Overhead	171,074	301	0.18%
Underground	128,920	92	0.07%
Protective Devices[1]			
Overhead Lightning Arrestors	Data Not Available	149	
Overhead Reclosers/Sectionalizers	4,920	38	0.77%
Underground	2,401	71	2.96%
Voltage Regulation			
Overhead	16,423	59	0.36%
Underground	372	2	0.54%
Conductors & Cables			
Overhead	2,345,690	24,015	1.02%
Underground	376,816	4,482	1.19%
<b>Total</b>	<b>4,055,379</b>	<b>35,748</b>	<b>0.88%</b>

[1] See Footnote <sup>12</sup>

<sup>12</sup> The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and it 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 2010: (continued)**

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

Division		Transformer OH UG		Corrective Action Scheduled 2010			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	22,760	7,368	50	0.22%	55	0.75%
	SF	9,685	6,428	99	1.02%	10	0.16%
AREA 2	DI	21,497	18,597	69	0.32%	119	0.64%
	EB	19,628	6,341	29	0.15%	15	0.24%
	MI	18,401	19,072	39	0.21%	58	0.30%
AREA 3	CC	45,113	9,730	72	0.16%	120	1.23%
	DA	17,577	7,237	20	0.11%	9	0.12%
	SJ	22,546	17,278	23	0.10%	90	0.52%
AREA 4	FR	98,174	21,547	1448	1.47%	71	0.33%
	KE	43,153	13,903	348	0.81%	38	0.27%
	LP	35,349	8,895	131	0.37%	109	1.23%
AREA 5	ST	62,908	14,382	167	0.27%	36	0.25%
	YO	85,712	9,072	1092	1.27%	32	0.35%
AREA 6	NV	70,784	7,758	432	0.61%	79	1.02%
	SA	31,919	12,429	739	2.32%	28	0.23%
	SI	81,518	15,507	309	0.38%	59	0.38%
AREA 7	NB	26,411	9,677	41	0.16%	66	0.68%
	NC	77,256	13,151	291	0.38%	146	1.11%
<b>TOTAL</b>		<b>790,391</b>	<b>218,372</b>	<b>5,399</b>	<b>0.68%</b>	<b>1,140</b>	<b>0.52%</b>

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

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

Division		Switch & Disconnects		Corrective Action Scheduled 2010			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	7,160	5,530	7	0.10%	8	0.14%
	SF	3,636	6,814	25	0.69%	1	0.01%
AREA 2	DI	7,502	11,594	5	0.07%	7	0.06%
	EB	6,208	4,886	7	0.11%	9	0.18%
	MI	7,110	14,241	12	0.17%	4	0.03%
AREA 3	CC	11,344	2,748	27	0.24%	8	0.29%
	DA	5,771	5,348	5	0.09%	2	0.04%
	SJ	8,085	13,208	3	0.04%	8	0.06%
AREA 4	FR	17,020	9,126	37	0.22%	8	0.09%
	KE	9,689	9,352	12	0.12%	2	0.02%
	LP	7,652	3,121	28	0.37%	12	0.38%
AREA 5	ST	11,022	8,891	8	0.07%	1	0.01%
	YO	11,936	2,887	14	0.12%	1	0.03%
AREA 6	NV	11,152	2,856	17	0.15%	5	0.18%
	SA	6,494	6,859	34	0.52%	5	0.07%
	SI	15,596	6,603	7	0.04%		0.00%
AREA 7	NB	7,393	5,428	10	0.14%	6	0.11%
	NC	16,304	9,428	43	0.26%	5	0.05%
<b>TOTAL</b>		<b>171,074</b>	<b>128,920</b>	<b>301</b>	<b>0.18%</b>	<b>92</b>	<b>0.07%</b>

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

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

Division		Protective Devices – Lightning Arrestors OH	Corrective Action Scheduled 2010	
			OH	
			Number	Percent
AREA 1	PN	<i>Data Not Available</i>	N/A	
	SF		N/A	
AREA 2	DI	<i>Data Not Available</i>	N/A	
	EB		N/A	
	MI		N/A	
AREA 3	CC	<i>Data Not Available</i>	N/A	
	DA		N/A	
	SJ		N/A	
AREA 4	FR	<i>Data Not Available</i>	48	N/A
	KE		12	N/A
	LP		12	N/A
AREA 5	ST	<i>Data Not Available</i>	N/A	
	YO		15	N/A
AREA 6	NV	<i>Data Not Available</i>	17	N/A
	SA		12	N/A
	SI		15	N/A
AREA 7	NB	<i>Data Not Available</i>	N/A	
	NC		18	N/A
<b>TOTAL</b>			<b>149</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.

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

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

Division		Protective Devices		Corrective Action Scheduled 2010			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	167	39	1	0.60%		0.00%
	SF	62	1,213		0.00%	41	3.38%
AREA 2	DI	174	53		0.00%		0.00%
	EB	136	256		0.00%	4	1.56%
	MI	144	62	3	2.08%	2	3.23%
AREA 3	CC	450	19	1	0.22%	5	26.32%
	DA	123	89		0.00%	2	2.25%
	SJ	172	340		0.00%		0.00%
AREA 4	FR	477	34	13	2.73%	8	23.53%
	KE	253	21	10	3.95%	2	9.52%
	LP	209	30	2	0.96%	2	6.67%
AREA 5	ST	275	34		0.00%		0.00%
	YO	552	29	2	0.36%		0.00%
AREA 6	NV	400	14	1	0.25%	1	7.14%
	SA	236	29		0.00%	1	3.45%
	SI	374	34		0.00%		0.00%
AREA 7	NB	206	24	2	0.97%	1	4.17%
	NC	510	81	3	0.59%	2	2.47%
<b>TOTAL</b>		<b>4,920</b>	<b>2,401</b>	<b>38</b>	<b>0.77%</b>	<b>71</b>	<b>2.96%</b>

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

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

Division		Voltage Regulation		Corrective Action Scheduled 2010			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	560	12	4	0.71%		0.00%
	SF	345	1	5	1.45%		0.00%
AREA 2	DI	499	28		0.00%		0.00%
	EB	467			0.00%		0.00%
	MI	666	98	5	0.75%	1	1.02%
AREA 3	CC	762	2	2	0.26%		0.00%
	DA	454	5	1	0.22%		0.00%
	SJ	605	90		0.00%		0.00%
AREA 4	FR	2,081	39	12	0.58%	1	2.56%
	KE	1,344	9	6	0.45%		0.00%
	LP	732	3	4	0.55%		0.00%
AREA 5	ST	1083	18	2	0.18%		0.00%
	YO	1638		1	0.06%		0.00%
AREA 6	NV	1,316	1	1	0.08%		0.00%
	SA	946	46	2	0.21%		0.00%
	SI	1,183	11	3	0.25%		0.00%
AREA 7	NB	491	8	1	0.20%		0.00%
	NC	1251	1	10	0.80%		0.00%
<b>TOTAL</b>		<b>16,423</b>	<b>372</b>	<b>59</b>	<b>0.36%</b>	<b>2</b>	<b>0.54%</b>

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

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

Division		Conductors & Cables		Corrective Action Scheduled 2010			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	65,341	15,623	2,214	3.39%	387	2.48%
	SF	33,000	23,799	524	1.59%	97	0.41%
AREA 2	DI	59,995	31,182	538	0.90%	313	1.00%
	EB	61,189	13,054	1,472	2.41%	90	0.69%
	MI	57,201	38,537	209	0.37%	388	1.01%
AREA 3	CC	134,871	17,563	700	0.52%	255	1.45%
	DA	48,210	13,555	867	1.80%	57	0.42%
	SJ	61,441	32,811	470	0.76%	264	0.80%
AREA 4	FR	254,473	28,378	2,930	1.15%	456	1.61%
	KE	140,494	17,983	663	0.47%	59	0.33%
	LP	127,619	16,845	319	0.25%	100	0.59%
AREA 5	ST	172,632	21,045	1,259	0.73%	385	1.83%
	YO	243,612	11,045	1,734	0.71%	43	0.39%
AREA 6	NV	232,779	13,113	2,139	0.92%	413	3.15%
	SA	109,784	21,638	2,150	1.96%	241	1.11%
	SI	243,455	21,218	633	0.26%	87	0.41%
AREA 7	NB	77,392	16,138	1,782	2.30%	186	1.15%
	NC	222,202	23,289	3,412	1.54%	661	2.84%
<b>TOTAL</b>		<b>2,345,690</b>	<b>376,816</b>	<b>24,015</b>	<b>1.02%</b>	<b>4,482</b>	<b>1.19%</b>

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

Abnormal conditions in the “Corrective Action Scheduled for 2011” column were identified in year 2008 and prior years.

**SYSTEM SUMMARY**

Facilities	Estimated Quantity	Scheduled 2011	
		Grade 2/Priority G&P	
		Number	Percent
Transformers			
Overhead	790,391	4,129	0.52%
Underground	218,372	204	0.09%
Switches & Disconnects			
Overhead	171,074	92	0.05%
Underground	128,920	6	0.00%
Protective Devices[1]			
Overhead Lightning Arrestors	Data Not Available	39	
Overhead Reclosers/Sectionalizers	4,920	2	0.04%
Underground	2,401	2	0.08%
Voltage Regulation			
Overhead	16,423	8	0.05%
Underground	372	0	0.00%
Conductors & Cables			
Overhead	2,345,690	10,969	0.47%
Underground	376,816	906	0.24%
<b>Total</b>	<b>4,055,379</b>	<b>16,357</b>	<b>0.40%</b>

[1] See Footnote <sup>14</sup>

<sup>14</sup> The number of Overhead Lightning Arrestors installed in the electric distribution system is not available and it 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 2011: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD TRANSFORMERS**

Division		Transformer OH UG		Corrective Action Scheduled 2011			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	22,760	7,368	14	0.06%	5	0.07%
	SF	9,685	6,428	15	0.15%		0.00%
AREA 2	DI	21,497	18,597	4	0.02%	4	0.02%
	EB	19,628	6,341	4	0.02%	6	0.09%
	MI	18,401	19,072	2	0.01%	9	0.05%
AREA 3	CC	45,113	9,730	33	0.07%	19	0.20%
	DA	17,577	7,237	6	0.03%	1	0.01%
	SJ	22,546	17,278	6	0.03%	14	0.08%
AREA 4	FR	98,174	21,547	362	0.37%	3	0.01%
	KE	43,153	13,903	1104	2.56%	25	0.18%
	LP	35,349	8,895	163	0.46%	9	0.10%
AREA 5	ST	62,908	14,382	154	0.24%	7	0.05%
	YO	85,712	9,072	1463	1.71%	30	0.33%
AREA 6	NV	70,784	7,758	185	0.26%	2	0.03%
	SA	31,919	12,429	324	1.02%	5	0.04%
	SI	81,518	15,507	49	0.06%	4	0.03%
AREA 7	NB	26,411	9,677	13	0.05%	10	0.10%
	NC	77,256	13,151	228	0.30%	51	0.39%
<b>TOTAL</b>		<b>790,391</b>	<b>218,372</b>	<b>4,129</b>	<b>0.52%</b>	<b>204</b>	<b>0.09%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2011: (continued)**

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

Division		Switch & Disconnects		Corrective Action Scheduled 2011			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	7,160	5,530		0.00%	1	0.02%
	SF	3,636	6,814	4	0.11%		0.00%
AREA 2	DI	7,502	11,594		0.00%		0.00%
	EB	6,208	4,886	4	0.06%		0.00%
	MI	7,110	14,241		0.00%		0.00%
AREA 3	CC	11,344	2,748	17	0.15%	2	0.07%
	DA	5,771	5,348		0.00%		0.00%
	SJ	8,085	13,208	2	0.02%		0.00%
AREA 4	FR	17,020	9,126	5	0.03%		0.00%
	KE	9,689	9,352	5	0.05%		0.00%
	LP	7,652	3,121	9	0.12%		0.00%
AREA 5	ST	11,022	8,891	3	0.03%		0.00%
	YO	11,936	2,887	12	0.10%		0.00%
AREA 6	NV	11,152	2,856	1	0.01%		0.00%
	SA	6,494	6,859	6	0.09%	1	0.01%
	SI	15,596	6,603	4	0.03%		0.00%
AREA 7	NB	7,393	5,428	2	0.03%		0.00%
	NC	16,304	9,428	18	0.11%	2	0.02%
<b>TOTAL</b>		<b>171,074</b>	<b>128,920</b>	<b>92</b>	<b>0.05%</b>	<b>6</b>	<b>0.00%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2011: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES (LIGHTNING ARRESTORS)<sup>15</sup>**

Division		Protective Devices – Lightning Arrestors OH	Corrective Action Scheduled 2011	
			OH	
			Number	Percent
AREA 1	PN	<i>Data Not Available</i>	N/A	
	SF		N/A	
AREA 2	DI	<i>Data Not Available</i>	N/A	
	EB		N/A	
	MI		N/A	
AREA 3	CC	<i>Data Not Available</i>	N/A	
	DA		N/A	
	SJ		N/A	
AREA 4	FR	<i>Data Not Available</i>	10	N/A
	KE		3	N/A
	LP		4	N/A
AREA 5	ST	<i>Data Not Available</i>	N/A	
	YO		3	N/A
AREA 6	NV	<i>Data Not Available</i>	4	N/A
	SA		2	N/A
	SI		1	N/A
AREA 7	NB	<i>Data Not Available</i>	1	N/A
	NC		11	N/A
<b>TOTAL</b>			<b>39</b>	

<sup>15</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 2011: (continued)**

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

Division		Protective Devices		Corrective Action Scheduled 2011			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	167	39		0.00%	2	5.13%
	SF	62	1,213		0.00%		0.00%
AREA 2	DI	174	53		0.00%		0.00%
	EB	136	256		0.00%		0.00%
	MI	144	62		0.00%		0.00%
AREA 3	CC	450	19		0.00%		0.00%
	DA	123	89		0.00%		0.00%
	SJ	172	340		0.00%		0.00%
AREA 4	FR	477	34		0.00%		0.00%
	KE	253	21	1	0.40%		0.00%
	LP	209	30		0.00%		0.00%
AREA 5	ST	275	34	1	0.36%		0.00%
	YO	552	29		0.00%		0.00%
AREA 6	NV	400	14		0.00%		0.00%
	SA	236	29		0.00%		0.00%
	SI	374	34		0.00%		0.00%
AREA 7	NB	206	24		0.00%		0.00%
	NC	510	81		0.00%		0.00%
<b>TOTAL</b>		<b>4,920</b>	<b>2,401</b>	<b>2</b>	<b>0.04%</b>	<b>2</b>	<b>0.08%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2011: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD VOLTAGE REGULATION**

Division		Voltage Regulation		Corrective Action Scheduled 2011			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	560	12		0.00%		0.00%
	SF	345	1		0.00%		0.00%
AREA 2	DI	499	28		0.00%		0.00%
	EB	467			0.00%	█	#DIV/0!
	MI	666	98		0.00%		0.00%
AREA 3	CC	762	2	1	0.13%		0.00%
	DA	454	5		0.00%		0.00%
	SJ	605	90		0.00%		0.00%
AREA 4	FR	2,081	39		0.00%		0.00%
	KE	1,344	9		0.00%		0.00%
	LP	732	3	1	0.14%		0.00%
AREA 5	ST	1083	18	2	0.18%		0.00%
	YO	1638		2	0.12%	█	#DIV/0!
AREA 6	NV	1,316	1	1	0.08%		0.00%
	SA	946	46		0.00%		0.00%
	SI	1,183	11		0.00%		0.00%
AREA 7	NB	491	8		0.00%		0.00%
	NC	1251	1	1	0.08%		0.00%
<b>TOTAL</b>		<b>16,423</b>	<b>372</b>	<b>8</b>	<b>0.05%</b>	<b>0</b>	<b>0.00%</b>

**E. CORRECTIVE ACTION SCHEDULED FOR 2011: (continued)**

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

Division		Conductors & Cables		Corrective Action Scheduled 2011			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	65,341	15,623	1,253	1.92%	61	0.39%
	SF	33,000	23,799	69	0.21%	3	0.01%
AREA 2	DI	59,995	31,182	136	0.23%	33	0.11%
	EB	61,189	13,054	262	0.43%	11	0.08%
	MI	57,201	38,537	40	0.07%	59	0.15%
AREA 3	CC	134,871	17,563	326	0.24%	81	0.46%
	DA	48,210	13,555	864	1.79%	14	0.10%
	SJ	61,441	32,811	80	0.13%	98	0.30%
AREA 4	FR	254,473	28,378	1,619	0.64%	15	0.05%
	KE	140,494	17,983	256	0.18%	78	0.43%
	LP	127,619	16,845	221	0.17%	14	0.08%
AREA 5	ST	172,632	21,045	406	0.24%	12	0.06%
	YO	243,612	11,045	1150	0.47%	29	0.26%
AREA 6	NV	232,779	13,113	1,177	0.51%	18	0.14%
	SA	109,784	21,638	1,096	1.00%	33	0.15%
	SI	243,455	21,218	55	0.02%	16	0.08%
AREA 7	NB	77,392	16,138	774	1.00%	70	0.43%
	NC	222,202	23,289	1185	0.53%	261	1.12%
<b>TOTAL</b>		<b>2,345,690</b>	<b>376,816</b>	<b>10,969</b>	<b>0.47%</b>	<b>906</b>	<b>0.24%</b>

**F. CORRECTIVE ACTION SCHEDULED FOR 2012:**

Abnormal conditions in the “Corrective Action Scheduled for 2012 column were identified in year 2008 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 2012, indicated in the underground conductors/cable facility category, represent 36 enclosures out of 376,816 system locations (or 0.01%).

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

	Division	Cable & Conductors UG	Corrective Action Scheduled 2012	
			UG	
			Number	Percent
AREA 1	PN	15,623	0	0.00%
	SF	23,799	0	0.00%
AREA 2	DI	31,182	0	0.01%
	EB	13,054	0	0.00%
	MI	38,537	0	0.00%
AREA 3	CC	17,563	0	0.00%
	DA	13,555	0	0.00%
	SJ	32,811	0	0.00%
AREA 4	FR	28,378	0	0.00%
	KE	17,983	14	0.08%
	LP	16,845	0	0.00%
AREA 5	ST	21,045	0	0.00%
	YO	11,045	0	0.00%
AREA 6	NV	13,113	0	0.00%
	SA	21,638	1	0.00%
	SI	21,218	2	0.01%
AREA 7	NB	16,138	0	0.00%
	NC	23,289	19	0.08%
<b>TOTAL</b>		<b>376,816</b>	<b>36</b>	<b>0.01%</b>

**F-a. CORRECTIVE ACTION SCHEDULED FOR 2012-2015:**

Abnormal conditions in the “Number” column were identified in year 2008 and prior years. Conditions indicated are other than underground wooden enclosure replacements and have due dates from 2012 through 2015. There are 4,344 conditions identified and scheduled in 2012 through 2015 which represents 0.11% of the total equipment in the five categories.

**SYSTEM SUMMARY AGGREGATED BY EQUIPMENT TYPE**

Facilities	Estimated Quantity	Corrective Action Scheduled 2012-2015	
		Grade 2/Priority G&P	
		Number	Percent
Transformers			
Overhead	790,391	1,242	0.16%
Underground	218,372	258	0.12%
<b>Switches &amp; Disconnects</b>			
Overhead	171,074	34	0.02%
Underground	128,920	10	0.01%
<b>Protective Devices[1]</b>			
Overhead Lightning Arrestors	Data Not Available	20	
Overhead Reclosers/ Sectionalizers	4,920	0	0.00%
Underground	2,401	0	0.00%
<b>Voltage Regulation</b>			
Overhead	16,423	7	0.04%
Underground	372	0	0.00%
<b>Conductors &amp; Cables</b>			
Overhead	2,345,690	2,517	0.11%
Underground	376,816	256	0.07%
<b>Total</b>	<b>4,055,379</b>	<b>4,344</b>	<b>0.11%</b>



**V. WOOD POLES**

**A. INTRUSIVE INSPECTIONS:**

Overall, PG&E was in compliance performing a wood pole test and treat at 244,147 locations in 2008. Only the Areas where inspections were performed are listed below. 129 poles were not inspected until Jan 2009. Specific differences from the planned amounts are as follows:

Division		Wood Poles Scheduled for Inspection excluding prior years	Total Wood Poles Inspected in 2008	Wood Poles Scheduled in 2008 but not Inspected	Explanation	Date Inspection Will be Completed	
AREA 3	CC	45,000	44,971	29	This is a two year project in Salinas. Carryover will be inspected in 2009.	Dec 2009	
	DA						
	SJ						
AREA 4	FR						
	KE						
	LP	101442	101,313	129			Contractor did not complete scheduled poles in 2008. Carryover was inspected in Jan 09
AREA 6	NV						
	SA		1,004				Contractor started 2009 inspections in Dec 2008
	SI	88,880	96,851				Inspected more poles due to carryover from 2007 contract commitment. 5,336 Chico and 2,076 Placerville 559 Marysville
<b>TOTAL</b>		<b>235,322</b>	<b>244,139</b>	<b>158</b>			

**B. IDENTIFIED CONDITIONS, WOOD POLES, IN 2008:**

Abnormal conditions under “Corrective Action Required” column include conditions identified only in 2008, where the item is wood pole. Wood pole corrective conditions include those from all sources of identification and not exclusively the intrusive inspections.

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	65,341	64	0.10%	427	0.65%	64,850	99.25%
	SF	33,000	46	0.14%	411	1.25%	32,543	98.62%
AREA 2	DI	59,995	37	0.06%	166	0.28%	59,792	99.66%
	EB	61,189	69	0.11%	181	0.30%	60,939	99.59%
	MI	57,201	20	0.03%	113	0.20%	57,068	99.77%
AREA 3	CC	134,871	197	0.15%	1,916	1.42%	132,758	98.43%
	DA	48,210	37	0.08%	133	0.28%	48,040	99.65%
	SJ	61,441	41	0.07%	622	1.01%	60,778	98.92%
AREA 4	FR	254,473	162	0.06%	404	0.16%	253,907	99.78%
	KE	140,494	154	0.11%	254	0.18%	140,086	99.71%
	LP	127,619	115	0.09%	2,884	2.26%	124,620	97.65%
AREA 5	ST	172,632	214	0.12%	440	0.25%	171,978	99.62%
	YO	243,612	245	0.10%	976	0.40%	242,391	99.50%
AREA 6	NV	232,779	208	0.09%	3,310	1.42%	229,261	98.49%
	SA	109,784	158	0.14%	262	0.24%	109,364	99.62%
	SI	243,455	178	0.07%	356	0.15%	242,921	99.78%
AREA 7	NB	77,392	98	0.13%	493	0.64%	76,801	99.24%
	NC	222,202	151	0.07%	1,029	0.46%	221,022	99.47%
<b>TOTAL</b>		<b>2,345,690</b>	<b>2,194</b>	<b>0.09%</b>	<b>14,377</b>	<b>0.61%</b>	<b>2,329,119</b>	<b>99.29%</b>

**C. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2008:**

There were 6,142 pole conditions scheduled for corrective action in 2008.<sup>16/</sup> 90.69% of those conditions scheduled for 2008 were corrected by December 31, 2008. 572 conditions were not corrected by December 31, 2008, representing 9.31% of pole conditions scheduled for 2008. The 572 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. Of the 572, 254 have since been completed, 245 have since been reassessed to future dates and 73 remain to be addressed as of December 31, 2008. All 73 have since been corrected, reassessed, cancelled or found corrected in the field.

Abnormal conditions in the “Conditions Scheduled for Correction” column were identified in year 2008 and prior years. A facility reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, or received other appropriate action.

Division		Wood Poles Conditions Scheduled for Correction	Number of Facilities			
			Corrected		Not Corrected	
			Number	Percent	Number	Percent
AREA 1	PN	142	137	96.48%	5	3.52%
	SF	278	278	100.00%		0.00%
AREA 2	DI	252	223	88.49%	29	11.51%
	EB	112	98	87.50%	14	12.50%
	MI	122	110	90.16%	12	9.84%
AREA 3	CC	299	292	97.66%	7	2.34%
	DA	46	46	100.00%		0.00%
	SJ	72	72	100.00%		0.00%
AREA 4	FR	620	619	99.84%	1	0.16%
	KE	157	107	68.15%	50	31.85%
	LP	692	572	82.66%	120	17.34%
AREA 5	ST	580	485	83.62%	95	16.38%
	YO	541	439	81.15%	102	18.85%
AREA 6	NV	513	513	100.00%		0.00%
	SA	181	172	95.03%	9	4.97%
	SI	181	162	89.50%	19	10.50%
AREA 7	NB	316	314	99.37%	2	0.63%
	NC	1038	931	89.69%	107	10.31%
<b>TOTAL</b>		<b>6,142</b>	<b>5,570</b>	<b>90.69%</b>	<b>572</b>	<b>9.31%</b>

<sup>16/</sup> The number of conditions scheduled for correction in 2008 does not include conditions that were reassessed during 2008 and were assigned due dates after 2008.

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:**

Abnormal conditions in the “Corrective Action Scheduled for 2009” column were identified in year 2008 and prior years. Scheduled corrective actions include estimated conditions related to pole base reinforcement.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2009	
			Number <sup>17</sup>	Percent
AREA 1	PN	65,341	1,062	1.63%
	SF	33,000	529	1.60%
AREA 2	DI	59,995	798	1.33%
	EB	61,189	1,048	1.71%
	MI	57,201	595	1.04%
AREA 3	CC	134,871	450	0.33%
	DA	48,210	618	1.28%
	SJ	61,441	1,194	1.94%
AREA 4	FR	254,473	3,421	1.34%
	KE	140,494	647	0.46%
	LP	127,619	488	0.38%
AREA 5	ST	172,632	2,196	1.27%
	YO	243,612	4,220	1.73%
AREA 6	NV	232,779	1,745	0.75%
	SA	109,784	233	0.21%
	SI	243,455	1,413	0.58%
AREA 7	NB	77,392	1,486	1.92%
	NC	222,202	2,151	0.97%
<b>TOTAL</b>		<b>2,345,690</b>	<b>24,294</b>	<b>1.04%</b>

<sup>17</sup> Number of poles scheduled includes estimated pole base reinforcements.

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2010” column were identified in year 2008 and prior years. Scheduled corrective actions include estimated conditions related to pole base reinforcement.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2010	
			Number <sup>18</sup>	Percent
AREA 1	PN	65,341	48	0.07%
	SF	33,000	74	0.22%
AREA 2	DI	59,995	47	0.08%
	EB	61,189	752	1.23%
	MI	57,201	618	1.08%
AREA 3	CC	134,871	2,720	2.02%
	DA	48,210	13	0.03%
	SJ	61,441	10	0.02%
AREA 4	FR	254,473	150	0.06%
	KE	140,494	565	0.40%
	LP	127,619	156	0.12%
AREA 5	ST	172,632	144	0.08%
	YO	243,612	235	0.10%
AREA 6	NV	232,779	213	0.09%
	SA	109,784	2,161	1.97%
	SI	243,455	53	0.02%
AREA 7	NB	77,392	175	0.23%
	NC	222,202	410	0.18%
<b>TOTAL</b>		<b>2,345,690</b>	<b>8,544</b>	<b>0.36%</b>

<sup>18</sup> Number of poles scheduled includes estimated pole base reinforcements.

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2011” column were identified in year 2008 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2011	
			Number	Percent
AREA 1	PN	65,341	68	0.10%
	SF	33,000	30	0.09%
AREA 2	DI	59,995		0.00%
	EB	61,189	10	0.02%
	MI	57,201	5	0.01%
AREA 3	CC	134,871	215	0.16%
	DA	48,210	8	0.02%
	SJ	61,441	94	0.15%
AREA 4	FR	254,473	774	0.30%
	KE	140,494	2,201	1.57%
	LP	127,619	395	0.31%
AREA 5	ST	172,632	15	0.01%
	YO	243,612	173	0.07%
AREA 6	NV	232,779	1,751	0.75%
	SA	109,784	40	0.04%
	SI	243,455	24	0.01%
AREA 7	NB	77,392	240	0.31%
	NC	222,202	2,305	1.04%
<b>TOTAL</b>		<b>2,345,690</b>	<b>8,348</b>	<b>0.36%</b>

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2012” column were identified in year 2008 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2012	
			Number	Percent
AREA 1	PN	65,341	702	1.07%
	SF	33,000	154	0.47%
AREA 2	DI	59,995	1	0.00%
	EB	61,189	2	0.00%
	MI	57,201		0.00%
AREA 3	CC	134,871	26	0.02%
	DA	48,210	613	1.27%
	SJ	61,441	1	0.00%
AREA 4	FR	254,473	1,848	0.73%
	KE	140,494	16	0.01%
	LP	127,619	1,081	0.85%
AREA 5	ST	172,632	16	0.01%
	YO	243,612	39	0.02%
AREA 6	NV	232,779	3	0.00%
	SA	109,784	3	0.00%
	SI	243,455		0.00%
AREA 7	NB	77,392	1,634	2.11%
	NC	222,202	903	0.41%
<b>TOTAL</b>		<b>2,345,690</b>	<b>7,042</b>	<b>0.30%</b>

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2013” column were identified in year 2008 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2013	
			Number	Percent
AREA 1	PN	65,341	1	0.00%
	SF	33,000	5	0.02%
AREA 2	DI	59,995		0.00%
	EB	61,189		0.00%
	MI	57,201		0.00%
AREA 3	CC	134,871	41	0.03%
	DA	48,210	2	0.00%
	SJ	61,441		0.00%
AREA 4	FR	254,473	1,893	0.74%
	KE	140,494		0.00%
	LP	127,619	208	0.16%
AREA 5	ST	172,632		0.00%
	YO	243,612	43	0.02%
AREA 6	NV	232,779	1,345	0.58%
	SA	109,784	3	0.00%
	SI	243,455	2,173	0.89%
AREA 7	NB	77,392	1,412	1.82%
	NC	222,202	45	0.02%
<b>TOTAL</b>		<b>2,345,690</b>	<b>7,171</b>	<b>0.31%</b>



**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, 2009 THROUGH 2014:  
(continued)**

Abnormal conditions in the “Corrective Action Scheduled for 2014” column were identified in year 2008 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2014	
			Number	Percent
AREA 1	PN	65,341		0.00%
	SF	33,000		0.00%
AREA 2	DI	59,995	838	1.40%
	EB	61,189		0.00%
	MI	57,201		0.00%
AREA 3	CC	134,871	57	0.04%
	DA	48,210	1	0.00%
	SJ	61,441	1,593	2.59%
AREA 4	FR	254,473	1,075	0.42%
	KE	140,494	1	0.00%
	LP	127,619	65	0.05%
AREA 5	ST	172,632	1,863	1.08%
	YO	243,612	662	0.27%
AREA 6	NV	232,779	808	0.35%
	SA	109,784		0.00%
	SI	243,455		0.00%
AREA 7	NB	77,392		0.00%
	NC	222,202	1	0.00%
TOTAL		2,345,690	6,964	0.30%

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 29th day of January, I served a true copy of:

**PACIFIC GAS AND ELECTRIC COMPANY'S GENERAL ORDER 165 COMPLIANCE  
PLAN FOR 2010 AND ANNUAL COMPLIANCE REPORT FOR 2008 SUBMITTED  
PURSUANT TO CPUC DECISION 97-03-070 (RESUBMITTED)**

**[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 29th day of January at San Francisco, California.

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