Central Hudson
Gas & Electric Corporation

Charles A. Freni, Jr.
Senior Vice President
Corporate Secretary

January 15, 2009

Honorable Jaclyn Brilling, Secretary
New York State Public Service Commission
Three Empire State Plaza
Albany, New York 12223-1350

RE: Case 04-M-0159

Dear Secretary Brilling,

Enclosed, for filing with the Commission, are one (1) original and twenty-five (25) copies of Central Hudson Gas and Electric's "Stray Voltage Test and Facility Inspection Annual Report for 2008" in compliance with the Order of January 5 and July 21, 2005 for Stray Voltage Testing and Inspection.

This report details the completion status of Central Hudson's Stray Voltage Testing and Facility Inspection program for the period from December 1, 2007 through November 30, 2008. The program efforts to date have resulted in the testing and/or inspection of over 238,000 devices. Central Hudson successfully completed all required stray voltage testing and inspection activities for all facility categories including: Overhead Distribution, Manholes and Pull Boxes, Pad Mounted Equipment, Substation Fences, Streetlights and Traffic Signals, and Overhead Transmission. Significant manpower and financial resources have been expended to complete this program in 2008 and will continue to be expended to comply with the Order.

There was one (1) location above the 8.0 Volt PSC action found on facilities owned or maintained by Central Hudson. This represents a failure rate of 0.0004%.

There were two (2) locations above the 8.0 Volt PSC action found on municipal owned streetlights. This represents a failure rate of 0.032% on state/municipal owned facilities.

We are looking forward to working with the Commission Staff to further analyze the results of this complete round of stray voltage testing to see if opportunities exist to better align the program testing requirements to reflect our significantly low failure rate. Should there be any question concerning this submission or the information it contains, please do not hesitate to contact me.

Sincerely,

Charles A. Freni

SM/drh
Enclosures
cc: Michael Worden – NYS PSC
Christian Bonvin – NYS PSC
Gavin Nicoletta – NYS PSC

CENTRAL HUDSON GAS and ELECTRIC CORPORATION

STRAY VOLTAGE TEST and FACILITY INSPECTION

Report on the results of stray voltage tests and facility inspections for the period beginning December 1, 2007 and ending on November 30, 2008

January 15, 2009

Table of Contents

I. Background

Pursuant to the Public Service Commission's Order on Petitions for Rehearing and Waiver (the "Order") issued and effective on July 21, 2005 in Case 04-M-0159 – Proceeding on Motion of the Commission to Examine the Safety of Electric Transmission and Distribution Systems, utilities are required to file a comprehensive report by January 15 each year that:

- Detail the results of stray voltage tests and inspections conducted over the 12-month period ending on November 30 of each prior calendar year.
- Addresses the performance mechanism specified in Section 10 of Appendix A to the Order
- Contains the certifications described in Section 7 of Appendix A to the Order
- Discusses the analysis undertaken on the causes of stray voltage within the utility's electric system, the conclusions drawn there from, the preventive and remedial measures identified, and the utility's plans to implement those measures.
- Includes all other information that is pertinent to the issues addressed by the safety standards.

II. Overview

Central Hudson is an investor owned utility delivering natural gas and electricity in a 2,600 square mile service territory located primarily in the Mid-Hudson Valley in New York State. Central Hudson serves approximately 292,000 electric customers and about 70,000 natural gas customers.

Stray Voltage Testing Program

Central Hudson's program to test all of its facilities for the presence of stray voltage began in the first quarter of 2005 in response to the PSC's Order Instituting Safety Standards (issued January, 2005).

Central Hudson began responding immediately to the initial order by mobilizing required resources to address the new testing program. The stray voltage testing program was a new program, which required significant effort to develop and implement. A dedicated project manager was assigned to this program. Initial testing and training procedures and protocols were developed. Data collection and processing criteria were established. Training programs were developed and implemented. QA/QC measures were prepared and implemented and resources were allocated to achieve these criteria. Manpower resources were obtained and trained, and contracts with vendors were finalized. Hardware required for data collection and stray voltage testing were specified and purchased as needed to outfit both the contractors and Central Hudson personnel. By May of 2005, field-testing and reporting activities had begun.

The stray voltage testing program requires that all facilities which are publicly accessible and capable of conducting electricity be tested and that any detected presence of stray voltage over 8 Volts be immediately made safe with respect to public exposure and that permanent repairs be made within 45 days. Central Hudson has chosen to evaluate any voltages found and mitigate any that equal or exceed 4.5 Volts.

Facility Inspection Program

Central Hudson's facility inspection program has been in place for many years. The Order Instituting Safety Standards also detailed the requirements of facility inspections. All of Central Hudson's facility inspection activities comply with the minimum requirements set forth in the standards. The purpose of the inspections is to visually evaluate the equipment associated with overhead distribution and transmission facilities, and underground distribution facilities. Prior to the Order, Central Hudson had in place a comprehensive inspection program that in many cases exceeded the minimum requirements set forth in the standards.

The facility inspection program parallels the stray voltage program in that many of the steps in the process are similar. Data collection and processing criteria are in place. QA/QC measures were prepared and implemented. Both Central Hudson

personnel and contractors supplied manpower resources. Existing hardware was utilized for data collection of facility inspections. Data collection is facilitated electronically through the use of handheld computers (PDAs) and mainframe based data management systems.

Inspection frequency for transmission structures is based on a five-year cycle. Overhead and underground distribution facilities are set at a three-year inspection cycle.

Structure Categories

Central Hudson Gas and Electric has approximately 238,602 individual facilities that require testing for the presence of stray voltage and in some cases facility inspection. These facilities are broken down into five main categories including:

- **Distribution Overhead** - wooden poles, guy wires, metallic risers, and all attached devices that are accessible from the ground
- **Underground Facilities** - manholes, pull boxes, URD pad-mounted equipment, and all devices associated with underground facilities
- **Street lights and Traffic Signals** - metal poles supporting these devices, handholds, and all attachments including guys and support poles
- **Substation Fencing** - gates, support posts, grounding wires, and the fencing
- **Transmission Structures** - all structures, guys, and down leads attached to the structures. Transmission structures support circuit voltages of 69 kilovolts and greater. Facilities that house circuits of lower voltage in addition to the transmission voltage levels are included in this category.

Distribution Overhead

There are approximately 209,148 distribution pole structures in Central Hudson's territory. These consist of primarily wooden poles. The poles support electric power distribution lines and equipment as well as telephone, cablevision and other miscellaneous attachments. Those distribution structures that have ground wires, metallic risers, guy wires, or metal control boxes are required to be tested for stray voltage as part of the program. Distribution overhead facilities are included in both the stray voltage and inspection programs.

Underground Facilities

There are 1,236 system manholes and pull boxes as well as 13,133 URD pad-mounted devices on Central Hudson's system. The manholes and pull boxes are primarily located in Central Hudson's network areas. Pull boxes are typically provided with a concrete cover in a cast iron frame. Manholes are covered with a cast iron cover,

steel grating, or reinforced concrete cover. The pad-mounted devices are associated with our URD (Underground Residential Distribution) system. The pad-mounted devices are installed on concrete or fiberglass bases and are themselves enclosed in metallic or fiberglass cabinets. These locations are included in both the stray voltage and facility inspection programs.

Street Lights/Traffic Signals

There are 5,491 metal pole street lights and 827 traffic signals within Central Hudson's service territory. This total includes metal pole street lights owned by Central Hudson with the balance of the equipment owned by various municipalities. A majority of the lights are located in higher population areas including cities, apartment complexes and parks. Local municipalities and the Department of Transportation provided the total count for these facilities. Central Hudson's Marketing Division then worked with the municipalities to compile a complete inventory of the municipal equipment. All testing of street lights occurred at night while the fixtures were energized. Area and street lighting that is privately owned was not included in this stray voltage testing program as per the initial Order's requirements.

Substation Fences

Central Hudson operates and maintains substation facilities that are necessary for the operation of the electric grid. These stations are fenced in for security as well as to protect the safety of the general public. There are 104 substation fences that were tested.

Transmission

Transmission facilities consist of all overhead transmission towers and pole structures with operating voltages of 69 kV or higher. There are a total of 8,663 individual transmission poles/towers in Central Hudson's system. Transmission structures that are either metallic or wood and have down grounds, guys, or riser pipes were tested for stray voltage as part of this program. All transmission structures are field inspected as part of Central Hudson's facility inspection program.

III. Details of Stray Voltage Testing

Central Hudson's testing procedures consist of having trained and qualified employees and contractors, equipped with appropriate safety and work equipment, performing field data collection activities. Each facility is visited and if necessary tested for the presence of stray voltage. All testing data is entered, under field conditions, into handheld computers (PDAs). The data is then uploaded daily and stored for future processing. If stray voltage is found to be present by using the initial testing (HD Electric – LV-S-5 Direct Contact Low Voltage Detector) probe, a specific voltage reading is then required to be taken using a standard (Fluke Model 177) voltmeter with a 500 Ohm shunt resistor. If the voltage is above 8 Volts (PSC Order established action threshold level) then the facility must be immediately made safe with respect to public exposure. Central Hudson mitigates all voltages above 4.5 Volts. Retesting to ensure that the stray voltage has been eliminated is conducted for all locations found to initially have stray voltage present.

All activities associated with the stray voltage testing program were performed in accordance with Central Hudson's published procedures and protocols. The testing program included personnel training, testing and certification, field detection testing, data collection, processing and reporting, engineering review and analysis, field remedial and repair activities, and retesting of repaired facilities. The results of the field-testing program are summarized and detailed on the attached report (Attachment A). These results are presented in the same format as the standard monthly progress reports to the Public Service Commission.

Test result data was broken down into several major areas including test identification, actual stray voltage test results and exceptions. The test identification data record included identification of the date, time and GPS location of each test. The ID number of the employee taking the test and the data collection device (PDA) used to store that data were also recorded.

The actual test results included whether a test was required (was there the presence of a device that could be energized such as a ground wire or guy), was the test performed, was a voltage reading detected, what was that voltage level and where was the voltage detected.

Other data was collected in addition to the required stray voltage test. This included items such as is the device considered "off road", was a pole identification tag present, and was a safety reflector installed. Actual results of the testing activities were recorded in the five device categories.

Exceptions noted in the field included: inaccessible facilities, facilities not found, and voltage detected above the threshold levels. Inaccessible structures were structures that were found in the field but were not able to be tested because of an existing field condition. These conditions included facilities in water or swampy areas, facilities on private property and within fences, walls or other buildings, paved over

facilities, and terrain or other conditions that pose immediate personal hazard to the individual performing the test.

The contractors were required to make two attempts to locate facilities identified as "Not Found". Two initial field-testing attempts were conducted to find listed facilities in the field. As a final review, Central Hudson personnel or employees then further researched facilities still identified as "Not Found" to determine if those facilities in fact do not exist.

Distribution Poles

The distribution pole testing program began December 2, 2007 and was completed prior to November 30, 2008. A total of 209,148 distribution poles were visited. The testing found a total of thirteen incidents of stray voltage readings over Central Hudson's 4.5 Volt threshold. One of these thirteen instances were over the 8.0 Volt threshold set by the Order. One contractor performed all of the testing for distribution overhead facilities.

Underground Facilities

Testing activities of the underground facilities began December 2, 2007 and were completed prior to November 30, 2008. Underground facilities were broken down into two categories: manholes and pull boxes (non-URD facilities) and pad-mounted devices. The 1,236 manholes and pull boxes were tested using a contractor. There were no incidents of stray voltage above the 4.5 Volt threshold detected on these facilities.

The pad-mounted devices are associated with our URD facilities. All of the 13,133 pad-mounted devices were tested in 2008. There were no incidents of stray voltage above the 4.5 Volt threshold detected on the URD facilities. One contractor was in charge of performing stray voltage testing on all of the URD facilities.

Street Lights / Traffic Signals

All testing of metal pole street lights occurred at night while the fixtures were energized and the lights were illuminated. A total of 5,491 metal pole street lights were tested during the 2008 cycle. Two incidents of stray voltage occurred over the 8 Volt threshold established by the PSC Order were found during the testing. One contractor performed the testing of the street lights.

All of the 827 traffic signals in the Central Hudson service territory were tested for stray voltage this year. There were no instances of recorded stray voltage on the traffic signal equipment. One contractor performed the testing of the traffic signals.

Substation Fencing

All 104 substation fences in Central Hudson's territory were tested by a contractor in 2008. There were no occurrences of stray voltage above the 4.5 Volt threshold detected on these facilities.

Transmission

Transmission structure testing and facility inspection began March 14, 2008 and was completed prior to November 30, 2008. A total of 8,663 structures were visited. Of this total number, one location was found to have a voltage above the 4.5-Volt threshold. Two contractors were utilized for testing all of Central Hudson's transmission structures.

IV. Details of Facility Inspections

Central Hudson's electric inspection program fully complies with or exceeds the standards established in the Commission's Order. The inspection program in many cases is more stringent than the requirements set forth in the Order.

The purpose of Central Hudson's facility inspection program is to visually evaluate equipment and verify that it is in safe, operational, and reliable condition. This inspection program is on-going and has in place a reporting and documenting procedure that allows for any observed deficiencies to be recorded and prioritized for timely repair. Central Hudson performed physical inspections of the following facilities:

Distribution Overhead
URD – Pad-Mounted equipment
Underground – Manholes / Pull Boxes
Transmission Overhead

Conditions found in the field as part of the inspections are categorized into specific areas relative to each facility type. Each condition finding is given a rating code that allows Central Hudson to prioritize any corrective action required. The priority ratings range from 1 to 6 with six being the most urgent. Category 1 is not included in the tabulated results found in this report since these are either record discrepancies or insignificant items.

Table of Severity Ratings

Severity Rating	Description	Time Frame for Repair (effective 2007)
1	Insignificant (No Action Required)	N/A
2	Very Minor (No Action Needed at this Time)	N/A
3	Monitor for Future Action	N/A
4	Serious Condition (May Cause an Interruption of Service or Problem in the Future)	Within 18 months after validation*
5	Critical Condition (Likely to Cause and Interruption)	Within 12 months after validation*
6	Immediate Response Condition (Immediate Threat to Life, Property, or Interruption of Service)	Within 24 Hours

** The process of validation can take up to six months from when the condition is reported by the inspector. Validation is completed when a qualified Central Hudson representative has gone to a location to confirm the condition identified and determine what kind of repairs are needed at the facility.*

Scheduling for Inspections

Beginning in the 2007 inspection program cycle, there were some changes to Central Hudson's inspection philosophy. Instead of cycling through circuits in different geographic areas, inspections are concentrated in the same geographic area now. This is a more efficient method of utilizing the inspection teams. As a result of this change, some poles and pad-mounted equipment that were inspected in 2005 and 2006 were inspected again in 2007 and subsequent years. Even though there will be repeated visits, 100% of the overhead distribution system and pad-mounted equipment will be inspected by the end of the 2009 stray testing/facility inspection cycle. This falls within the five year time period required by the Order. Below are tables outlining the planned inspections between 2007 and 2009.

2007-2009 Planned Inspections – Distribution Overhead

Inspection Year	Geographic Area (District)	System Percentage of Poles per Year (approx.)	Cumulative Total
2007	Poughkeepsie, Fishkill	35.2%	35.2%
2008	Catskill, Newburgh	38%	73.2%
2009	Kingston	26.8%	100%

2007-2009 Planned Inspections – Pad-mounted Equipment

Inspection Year	Geographic Area (District)	System Percentage of Pads per Year (approx.)	Cumulative Total
2007	Poughkeepsie, Fishkill	44.72%	44.72%
2008	Catskill, Newburgh	30%	74.72%
2009	Kingston	25.28%	100%

By requiring more highly skilled stray voltage test technicians with extra training in the contract, a stray voltage test and inspection can be performed at the same time for each overhead distribution and pad-mounted structure that they visit. Inspectors were instructed to be conservative and report anything that looked questionable. Once again, this is a more efficient utilization of available resources.

Also new in 2007, Central Hudson began performing a walking inspection on the distribution overhead facilities. In the previous years, a driving inspection was performed on designated circuits throughout the service territory.

Distribution Overhead

In 2008, a total of 82,849 distribution poles were inspected (39.61% of the system). 16,637 poles had at least one deficiency with a rating of 2 or higher (20.08% of inspected poles). There were a total of 23,423 validated deficiencies of Severity 2 or higher. Please note that a pole can have two or more conditions, such as a leaning pole with a broken guy. Therefore, there is no direct correlation between the number of conditions reported and number of poles requiring attention in the Central Hudson service territory.

Inspections Per Year – Distribution Overhead

Inspection Year	Number of Poles Inspected
2005	75,685
2006	83,918
2007*	72,395
2008*	82,849

** Note: Due to change in inspection philosophy in 2007, some poles inspected in 2005 and 2006 were re-inspected in 2007 and subsequent years.*

The priority ratings associated with the conditions found in the field during the 2008 inspections are tabulated below.

Breakdown of Priority of Conditions Validated in 2008 – Distribution Overhead

Priority Rating	Number of Occurrences	% Of Conditions Found
2	19,864	84.81%
3	873	3.73%
4	2,506 (1,462 Trimming)	10.70%
5	131 (43 Trimming)	0.56%
6	49	0.20%

See Appendix 2 for detailed repair charts.

URD – Pad-mounted Equipment

In 2008, a total of 3,956 pad-mounted transformers were inspected (30.12% of the system). 105 pad-mounted devices had at least one deficiency with a rating of 2 or higher (2.65% of inspection pad-mounted equipment). There were a total of 144 deficiencies of Severity 2 or higher. Please note that a pad-mounted device can have two or more conditions, such as a pad-mounted transformer with a missing tag and in need of a paint job. Therefore, there is no direct correlation between the number of conditions reported and number of pad-mounted devices requiring attention in the Central Hudson service territory.

Inspections Per Year – Pad-mounted Equipment

Inspection Year	Number of Pad-mounted Equipment Inspected
2005	4,904
2006	3,199
2007*	5,594
2008*	3,956

** Note: Due to change in inspection philosophy, some pad-mounted equipment inspected in 2005 and 2006 were re-inspected in 2007 and subsequent years.*

The priority ratings associated with the conditions found in the field during the 2008 inspections are tabulated below.

Breakdown of Priority of Conditions Reported in 2008 – Pad-mounted Equipment

Priority Rating	Number of Occurrences	% Of Conditions Found
2	34	23.61%
3	11	7.64%
4	48	33.33%
5	0	0.00%
6	51	35.42%

See Appendix 2 for detailed repair charts.

Manholes and Pull Boxes

Due to the complexity of the network system and intricacies of working in manholes and pull boxes, Central Hudson personnel were utilized to perform inspections on these facilities. Central Hudson has a total of 1,236 manhole and pull boxes on its system. For 2008, 409 devices were inspected representing 33.09% of the system total.

There were 100 manholes and pull boxes with at least one deficiency with a rating of 2 or higher (24.45% of the inspected devices). There were a total of 196 deficiencies of Severity 2 or higher. Please note that a manhole or pull box can have two or more conditions, such as if there is rusting in the manhole and a cable is leaking oil. Therefore, there is no direct correlation between the number of conditions reported and number of manholes and pull boxes requiring attention in the Central Hudson service territory.

Inspections Per Year – Manholes and Pull Boxes

Inspection Year	Number of Manholes and Pull Boxes Inspected
2005	574
2006*	876
2007	362
2008	409

** Note: Some manholes and pull boxes inspected in 2006 were previously inspected in 2005. The numbers for 2007 represents all of the manholes and pull boxes that were not inspected in 2005 or 2006. As of 2007, all manholes and pull boxes have been inspected in the time period between 2005 and 2007.*

The priority ratings associated with the conditions found in the field during the 2008 inspections are tabulated below.

Breakdown of Priority of Conditions Reported in 2008 – Manholes and Pull Boxes

Priority Rating	Number of Occurrences	% Of Conditions Found
2	109	55.61%
3	36	18.38%
4	32	16.33%
5	19	9.68%
6	0	0%

See Appendix 2 for detailed repair charts.

Transmission

The stray voltage testing for transmission structures was conducted in conjunction with the facilities inspection activities. Contractors performed all inspection and stray voltage testing activities. 2,842 individual poles or towers were inspected (32.81% of the system). In order to truly calculate the percentage complete, it would be best to use the mileage since the number of structures is not related proportionally to the mileage. In 2008, 181.46 miles were inspected out of the system total of 587.28 miles. This represents 30.90% completion of the inspection program.

There were a total of 2,268 deficiencies of Severity 2 or higher. Please note that a transmission structure can have two or more conditions, such as there is a broken insulator and rotten spar arm. Therefore, there is no direct correlation between the number of conditions reported and number of transmission structures requiring attention in the Central Hudson service territory.

Inspections Per Year – Transmission Structures

Inspection Year	Number of Transmission Structures Inspected
2005*	3,235
2006*	6,112
2007*	1,600
2008*	2,842

** Note: Between the 2005 and 2006 inspection cycles, 100% of Central Hudson's transmission system was inspected. In 2007 and subsequent years, 20% of the system will be tested each year. The critical lines (345 kV transmission lines) are inspected every year.*

The priority ratings associated with the conditions found in the field during the 2008 inspections are tabulated below.

Breakdown of Priority of Conditions Reported in 2008 – Transmission Structures

Priority Rating	Number of Occurrences	% Of Conditions Found
2	732	32.28%
3	684	30.16%
4	846	37.30%
5	6	0.26%
6	0	0%

See Appendix 2 for detailed repair charts.

Repair Process and Scheduling – General Procedure

Beginning in 2007, the repair process for deficiencies reported by the field inspectors is a multi-step process. After receiving the information from the field inspectors, the information is entered and uploaded into the appropriate database. Any location with a severity 3 or less will be kept on record and monitored as necessary. After receiving the list of repairs with a severity 4 or 5 condition, a qualified Central Hudson representative will go to each location to validate the condition identified and determine what kind of repairs are needed at the facility. This process of validation can take up to six months from when the condition is reported by the inspector. Severity 6 Conditions fall outside of this process and are repaired or made safe immediately in order to prevent an outage, damage to property, or injury.

If a repair is warranted at a location, then either a dispatch order will be opened or a work order will need to be created. After the work order or dispatch order is created, the repairs can be scheduled. Repairs are scheduled based on severity and concentration in a geographic area. Resources are utilized to maximize the amount of repairs completed in a given area or district.

In 2008, Central Hudson began to utilize line clearance crews to replace guy guards that had been broken or were missing from guy wires. Line clearance crews are able to store extra guy guards on their vehicles easily and tend to spend several minutes at a location while performing their trimming duties. This program has been a success. Line clearance personnel have been able to place guy guards on guy wires at 8,370 locations of a potential 29,669 locations identified (28.21%). The number of guy guards missing will drastically be reduced after the line clearance crews complete a full trimming cycle of the Central Hudson overhead distribution system.

Overhead Distribution Repairs Details

Work orders are required to be drawn up by estimators for repairs involving units of property (pole replacements and anchor replacements). Dispatch orders can used to initiate the repair on minor items (down grounds, trimming conditions, etc.).

While inspectors are out in the field, they can trim vines off of poles that they come across. If there is a trimming repair that cannot be fixed by the inspector, then that issue will be forwarded to the line clearance department for validation and follow-up.

Pad-mounted Devices Details

Work orders are required to be drawn up by estimators for repairs involving units of property (such as pad replacements), while dispatch orders can be used to initiate the repair on minor items (moving a transformer back onto a pedestal).

Manholes and Pull Boxes Details

Work orders are required to be drawn up by estimators for repairs involving units of property, while dispatch orders can used to initiate the repair on minor items. If the project is a large-scale project such as a one involving the integrity of the transformer or a physical structure change, then engineering will get involved in the work order.

Repair Process and Scheduling – Transmission Structures

For validation of Severity 4 and 5 conditions, an engineer and a Central Hudson foreman will perform the field review. After the field review is completed, the priority of each line is considered. Considerations include line voltage, whether or not the line is a radial or loop feed, and when a line outage is available. There are certain times of the year when a line cannot be taken out of service, which also impacts the prioritization of line repairs. Scheduling repair work is a process involving the correlation of required work to the outage schedule along with considering material availability.

V. Annual Performance Targets

Central Hudson performed the required stray voltage testing and facilities inspections in accordance with all performance guidelines and requirements as set forth in the Order.

The targets for all equipment categories within the Stray Voltage Testing Program have been met for the period ending November 30, 2008. The results are summarized in the table below. These results are in accordance with the certification included in Section VI of the Order. Therefore no performance penalties were incurred.

Stray Voltage Testing Program Results

Category	PSC Order Requirement	Actual Tested – 2008
Distribution Poles URD – Pad-mounted Transmission Structures	100%	100%
Manholes and Pull Boxes	100%	100%
Street lights / Traffic Signals	100%	100%
Substation Fences	100%	100%

The targets for all equipment categories within the Facility Inspection Program have been met for the period ending November 30, 2008. The results are summarized in the table below. These results are in accordance with the certification included in Section VI of the Order. Therefore no performance penalties were incurred.

Facility Inspection Program Results

Category	PSC Order Requirement	Actual Inspected 2008
Distribution Overhead	20%	39.61%
URD Pad-mounted	20%	30.12%
Manholes/Pull Boxes	20%	33.09%
Transmission	20%	30.90%

** Note: Between the 2005 and 2006 inspection cycles, 100% of Central Hudson's transmission system was inspected, meeting the PSC requirement of 100% of the system inspected within five years.*

VI. Certifications

Pursuant to Section 7 of Appendix A of the Electric Safety Standards, the president or officer of each Utility with direct responsibility for overseeing stray voltage testing and facility inspections shall provide annual certification to the Commission that the utility has, to the best of their knowledge, exercised due diligence in carrying out a plan, including quality assurance, that is designed to meet the stray voltage testing and inspection requirements and that the utility has:

- Tested all of its publicly accessible electric facilities and street lights, as referred to in the body of the January 15 Report

- Inspected the requisite number of electric facilities

Following are the Stray Voltage Testing and Facility Inspection Certifications for Central Hudson Gas and Electric Corporation.

CERTIFICATION
[STRAY VOLTAGE TESTING]

STATE OF NEW YORK)
) ss.:
COUNTY OF DUTCHESS)

Charles A. Freni, on this 9th day of January 2009, certifies as follows:

1. I am the Senior Vice President, Customer Services of Central Hudson Gas and Electric Corporation (the "Company"), and in that capacity I make this Certification for the annual period ending November 30th, 2008 based on my knowledge of the testing program adopted by the Company in accordance the Public Service Commission's Orders issued and effective January 5, and July 21, 2005 in Case 04-M-0159 (the "Orders"), including the Quality Assurance Program filed by the Company with the Commission.

2. In accordance with the requirements of the Orders, the Company developed a program designed to test (i) all of the publicly accessible Electric Facilities owned by the Company ("Facilities") and (ii) all Street lights located in public thoroughfares in the Company's service territory ("Street lights"), as identified through a good faith effort by the Company, for stray voltage (the "Stray Voltage Testing Program").

3. I am responsible for overseeing the Company's Stray Voltage Testing Program and in that capacity I have monitored the Company's Stray Voltage Testing Program during the twelve months ended November 30th, 2008 (the "Twelve-Month Period").

4. I hereby certify that, to the best of my knowledge, information and belief, the Company has implemented and completed its Stray Voltage Testing program for the Twelve Month Period. Except for untested structures that are identified as temporarily inaccessible in the Company's Annual Report, submitted herewith, and transmission facilities for which the twelve month period ended on November 30, 2008, the Company is unaware of any Facilities or Street lights that were not tested during the Twelve-Month Period.

5. I make this certification subject to the condition and acknowledgment that it is reasonably possible that, notwithstanding the Company's good faith implementation and completion of the Stray Voltage Testing Program, there may be Facilities and Street lights that, inadvertently, may not have been tested or were not discovered or known after reasonable review of Company records and reasonable visual inspection of the areas of the service territory where Facilities and Street lights were known to exist or reasonably expected to be found.

Sworn to before me this 14th day of January, 2009

Notary Public: Donna M. Gianetta

DONNA M. GIANETTA
Notary Public, State of New York
No. 01GI5067398
Qualified in Ulster County
Commission Expires Oct. 15, 2010

CERTIFICATION
[FACILITY INSPECTIONS]

STATE OF NEW YORK)
) ss.:
COUNTY OF DUTCHESS)

Charles A. Freni, on this 9th day of January 2009, certifies as follows:

1. I am the Senior Vice President, Customer Services of Central Hudson Gas and Electric Corporation (the "Company"), and in that capacity I make this Certification for the annual period ending November 30th, 2008 based on my knowledge of the inspection program adopted by the Company in accordance the Public Service Commission's Orders issued and effective January 5, and July 21, 2005 in Case 04-M-0159 (the "Orders"), including the Quality Assurance Program filed by the Company with the Commission.

2. The Company has an inspection program that is designed to inspect all of its electric facilities on a five-year inspection cycle, as identified through a good faith effort by the Company ("Facilities"), in accordance with the requirements of the Orders (the "Facility Inspection Program").

3. I am responsible for overseeing the Company's Facility Inspection Program and in that capacity I have monitored the program during the twelve months ended November 30th, 2008 (the "Twelve-Month Period").

4. I hereby certify that, to the best of my knowledge, information and belief, the Company has implemented and completed its Facility Inspection Program to inspect 20 % of its Facilities during the year 2008, in order to comply with the five-year inspection cycle required under the Order.

Sworn to before me this 14th day of January, 2009

Notary Public: Donna M. Giametta

DONNA M. GIAMETTA
Notary Public, State of New York
No. 01GI5067398
Qualified in Ulster County
Commission Expires Oct. 15, 2010

VII. Analysis

Distribution Overhead

The 2008 stray voltage testing program for distribution overhead facilities was completed prior to November 30, 2008. Of the 209,148 locations visited, 163,600 locations required stray voltage testing. A total of twelve locations were found with readings of stray voltage above 4.5 Volts, but below the PSC action level of 8.0 Volts. One additional locations were found to have voltage above the PSC action level of 8.0 Volts. This yields a failure rate of 0.0005% above the PSC action level. Below is a table of the overhead distribution poles that were found to have voltage readings above 4.5 Volts.

Distribution Poles with over 4.5 Volt Reading

Structure	Date	Voltage (Location)	Mitigation
155804	12/21/2007	6.5 V (Ground)	Upon CH arrival, stray voltage was not present. Entire pole and connections were checked.
K45949	01/08/2008	5.53 V (Guy Wire)	New guy wire and bonding wire have been installed.
K44295	01/25/2008	6.5 V (Ground)	Ground connections fixed and neutral repairs made to pole K44274 (18 spans away). K44274 has a voltage regulator.
K45978	02/06/2008	6.5 V (Guy Wire)	5 Spans from K45949, Rob Piegeri and Kevin Post are working on a solution. Ground bond has been temporarily removed until permanent fix is in place.
K47726	02/21/2008	5.2 V (Ground)	Added another bond between ground and guy wire. Replaced the top of the pole with fiberglass extension and new cutout and arrestor.
K68889	02/25/2008	4.7 V (Guy)	Fixed bond between ground wire and guy wire.
P75976	03/04/2008	5.6 V (Ground)	Connections looked at and cleaned.
P53883	03/06/2008	4.6 V (Ground)	Stray Voltage appears to have been mitigated with cleaned up connections.
K71968	04/10/2008	6.0 V (Ground)	3 Ground Rods added to drop voltage within threshold.
181664	4/29/2008	4.97 V (Guy)	Guy wires disconnected from neutral bond 1 span away from this pole. This is a delta circuit, so neutral shouldn't be there.
P59220	5/14/2008	32 V (Riser)	Riser pipe has been fixed due to service reattachment.
P14804	5/22/2008	4.9V (Ground)	Bond between guy wire and neutral has been cleaned up.
144657	6/25/2008	5.5V (Guy)	Ground rod driven in next to anchor and bonded to comm. guy wire on delta pole.

URD Pad-mounted Equipment

There were no occurrences of stray voltage detected on the pad-mounted facilities. This equates to a failure rate of 0.00% above the PSC action level.

Manholes / Pull Boxes

There were no occurrences of stray voltage detected on the manholes and pull boxes for the 2008 testing cycle. This equates to a failure rate of 0.00% above the PSC action level.

Street lights / Traffic Signals

For the 2008 stray voltage testing cycle, a total of two municipally owned locations were found to contain stray voltage above the 4.5-Volt level. Both of these locations had voltage levels above the 8.0-Volt action threshold. This equates to a rate of 0.035% above the PSC action level.

All of the locations where stray voltage was found in 2008 were owned and maintained by municipalities or entities other than Central Hudson. Accordingly Central Hudson's response to the incidents of detected stray voltage was to make the facility safe. This can include disconnecting the power feed and notifying the entity responsible for maintenance of the street light. Follow-up activities on the part of Central Hudson included retesting of these facilities after repairs had been completed. Below is a table of the metal pole street lights that were found to have over voltage readings above 4.5 Volts.

Metal Street Light Poles with over 4.5 Volt Reading

Structure	Date	Voltage (Location)	Mitigation
M302900014	02/07/2008	48 V (Bolt)	Found that there is a bad ground connection where the ground wire is at 80 Volts. Private electrician Jaffer Electric has made permanent repairs.
M302900022	02/07/2008	45 V (Pole)	See above notes..

There were no incidents of stray voltage detected on the 811 traffic signal locations tested. This equates to a failure rate of 0.00% above the PSC action level.

Substation Fences

There were no incidents of stray voltage detected on the 104 substation fences tested in 2008. This equates to a failure rate of 0.00% above the PSC action level.

Transmission Structures

A total of 8,663 transmission line structures were visited. One location was found to have a voltage above 4.5 Volts by a field technician, but was unsubstantiated. This equates to a failure rate of 0.01% above the PSC action level. Below is a table of the transmission structures that were found to have over voltage readings above 4.5 Volts.

Transmission Structures with over 4.5 Volt Reading

Structure	Date	Voltage (Location)	Mitigation
190298	4/15/2008	7.6 V (Ground)	Crew found readings could be at 2 Volts or as high as 12 Volts. Upon follow-up voltage between 200mV and 1 Volt. This is unsubstantiated.

VIII. Other Pertinent Information

QA/QC program

Central Hudson has implemented a QA/QC program utilizing an external auditor that is used to review the effectiveness and accuracy of the stray voltage testing and facility inspection programs and their associated activities. This program resulted in specific improvements to the various processes, which have contributed toward increased program efficiency and accuracy as well as reduced potential for error. The QA/QC program called for several types of audits and for constant feedback with respect to the data collection and processing. The various audits covered personnel training, field testing and inspection procedures and practices, testing and inspection records, and field trailing audits.

For 2008, there have been four audits of field-testing and inspection activities, one audit of the training records and initial training, two audits of actual test data records. In addition, a comprehensive year-end audit for the 2008 records is underway. The completed audits indicated that all significant activities associated with the stray voltage testing and facilities inspection programs are being conducted in accordance with established protocols. The audit's findings resulted in no issues that required formal remedial action plans.

Opportunities for improvements have lead to minor changes that were implemented immediately or are currently being implemented. Opportunities presented to Central Hudson for improvement primarily centered on documentation and training.

Shock Reports

Associated with the overall safety program is an established reporting procedure of all electric shock incidents. This procedure involves immediate notification to the PSC of all shock incidents. The reporting is facilitated by a standard format and all reports are kept on file at Central Hudson.

In 2008 there were a total of 18 known shock incidents reported. Two injuries occurred and remedial action was implemented as required. Below is a table of all of the shock reports received.

All Reported Calls Related to Electrical Shocks for 2008

Date	Location of shock	Injury	Findings/Mitigation
03/04/2008	Load Limiter on Electric Meter	None	Customer had romex cable exposed to weather (rain). Sections of electric fence were found to be broken and hastily reattached by customer.
04/15/2008	Overhead primary wire	Minor	Cable TV contractor came in contact with primary wire.
05/06/2008	Service Entrance Cable	None	Customer put a screw into the service entrance cable.
05/28/2008	Swimming Pool	None	Initial reading of 1.3 V. Customer had a problem with their pool pump.
06/03/2008	Municipal Owned Street Light	Minor	Central Hudson investigation found poorly wired and maintained city-owned street lights.
06/16/2008	Downed Service Wire	None	Maintenance worker attempted to pick up downed service wire without proper protection. Wire as reattached by Central Hudson.
06/16/2008	Swimming Pool	None	Initial reading of 0.54 V. Was fixed with neutral isolator.
06/16/2008	Meter	None	Cable TV employee received shocks from meter. Central Hudson checked the meter to be OK and removed nearby vines.
06/30/2008	Swimming Pool	None	Shocks received from pool. Was fixed with neutral isolator.
07/21/2008	Service Wire	None	Customer attempted to remove tree from service wire and received a shock.
07/22/2008	Service Entrance	None	Painter came in contact with service connections. New protective covers were installed.
07/23/2008	Swimming Pool	None	I Initial reading of 3.4 V. Was fixed with neutral isolator.
07/29/2008	Shower	None	Initial reading of 0.8 V. After initial reading, shocks just went away. Seems to be resolved.
08/17/2008	Lawn Mower	None	Customer received shock while mowing lawn. Central Hudson was unable to replicate. This is unsubstantiated.
09/02/2008	Guy Wire	None	Central Hudson replaced a faulty secondary insulator.
09/08/2008	Swimming Pool	None	Initial reading of 0.44 V. Ground wire to panel was replaced.
09/11/2008	Swimming Pool	None	Initial reading of 1.5 V. Tree limbs found to be in contact with service wire. Limbs removed.
10/14/2007	Shower	None	Insulator at service pole replaced. In addition new ground rod driven in to replace improper customer ground.

These incidents can be broken down into several categories. The categories and frequency of the shock incidents are listed below.

1 – Service Entrance Cables
1 – Unsubstantiated
2 – Indoor Plumbing Items
1 – Central Hudson Owned Facility
1 – Municipal Owned Facility
5 – Contractor/Customer Negligence
1 – Meter Panel
6 – Swimming Pools

Six of the shock incidents reported had stray voltage measurements taken at the time of investigation. All six of these measured incidents were less than 4.5 Volts.

Research and Development

Central Hudson continues to participate in the NYS Residential Stray Voltage Committee Activities, and through its EPRI and CEA membership, continues to ensure that the best operational, construction and maintenance practices are being utilized. Central Hudson also participates with the New York State Utilities and the PSC in discussing issues and opportunities regarding both Stray Voltage Testing and Facility Inspection.

APPENDIX I:
Stray Voltage Testing Details

Appendix 1: Stray Voltage Testing Summary - Annual Report

Central Hudson Final Testing Summary	Total System Units Requiring Testing	Units Completed	Percent Completed	Units with Voltage Found (>= 4.5v)	Percent of Units Tested with Voltage (>= 4.5v)	Units with Voltage Found (>= 1.0v)	Percent of Units Tested with Voltage (>= 1.0v)	Units Classified as Inaccessible
Distribution Facilities	209,148	209,148	100.00%	13	0.006%	508	0.243%	1,573
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0
Underground Facilities	14,369	14,369	100.00%	0	0.000%	11	0.077%	278
Non-URD	1,236	1,236	100.00%	0	0.000%	0	0.000%	34
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0
Street Lights / Traffic Signals	6,318	6,318	100.00%	2	0.032%	8	0.127%	38
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0
Substation Fences	104	104	100.00%	0	0.000%	0	0.000%	0
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0
Transmission	8,663	8,663	100.00%	1	0.012%	6	0.069%	408
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0
23-69kV	3,818	3,818	100.00%	0	0.000%	0	0.000%	98
70-138kV	3,809	3,809	100.00%	1	0.026%	5	0.131%	247
139-500kV	1,036	1,036	100.00%	0	0.000%	0	0.000%	63
TOTAL	238,602	238,602	100.00%	16	0.007%	533	0.223%	2,297
Monthly Update		0	0.00%	0	0.000%	0	0.000%	0

Data Collected through November 30, 2008

Facilities "Not Found" in the field during the first and/or second testing cycles have been deleted from the System Totals. This reflects a verification and adjustment of data included in previous reports

As part of the new procedure to handle inaccessibles, they will require a second field visit and a digital photo to verify the structure is inaccessible. To report a current count of inaccessibles, the unverified number is now shown. This number will fluctuate as inacessibles are verified or tested as required.

Definition of Inaccessible:

Facility is within a secured area and safe from the public, such as "fenced" in areas, is in the middle of swamps or lakes, or is on a rock ledge, embankment or gully where it places the individual who is performing the test in harms way.

Additional Notes:

Transmission includes 69kv and above.
Central Hudson mitigates stray voltage conditions of 4.5 volts and above.

Central Hudson Summary of Voltages Found	# of units between 1.0v and 4.4v	# of units between 4.5v and 7.9v	# of units between 8.0v - 24.9v	# of units between 25.0v - 99.9v	# of units greater than 100.0v	Total
Distribution Facilities	495	12	1	-	-	508
Pole	-	-	-	-	-	-
Ground	183	7	-	-	-	190
Guy	281	5	-	-	-	286
Riser	20	-	-	-	-	20
Other	11	-	1	-	-	12
Underground Facilities	11	-	-	-	-	11
Handhole / Pull box	-	-	-	-	-	-
Manhole	-	-	-	-	-	-
Padmount Switchgear	8	-	-	-	-	8
Padmount Transformer	-	-	-	-	-	-
Vault – Cover/Door	-	-	-	-	-	-
Pedestal	-	-	-	-	-	-
Other	3	-	-	-	-	3
Street Lights / Traffic Signals	6	-	-	2	-	8
Metal Street Light Pole	6	-	-	2	-	8
Traffic Signal Pole	-	-	-	-	-	-
Control Box	-	-	-	-	-	-
Pedestrian Crossing Pole	-	-	-	-	-	-
Other - NOT LISTED	-	-	-	-	-	-
Substation Fences	-	-	-	-	-	-
Fence	-	-	-	-	-	-
Other	-	-	-	-	-	-
Transmission (Total)	5	1	-	-	-	6
Transmission - (23-69kV) - 69kV	-	-	-	-	-	-
Lattice Tower	-	-	-	-	-	-
Pole	-	-	-	-	-	-
Ground	-	-	-	-	-	-
Guy	-	-	-	-	-	-
Other	-	-	-	-	-	-
Transmission - (70-138kV) - 115 kV	*5*	*1*	-	-	-	*6*
Lattice Tower	-	-	-	-	-	-
Pole	-	-	-	-	-	-
Ground	4	1	-	-	-	5
Guy	1	-	-	-	-	1
Other	-	-	-	-	-	-
Transmission - (139-500kV) - 345 kV	-	-	-	-	-	-
Lattice Tower	-	-	-	-	-	-
Pole	-	-	-	-	-	-
Ground	-	-	-	-	-	-
Guy	-	-	-	-	-	-
Other	-	-	-	-	-	-

Central Hudson Mitigation Efforts	Units with Voltage Found >=4.5 Volts	Units Permanently Repaired by Utility	Units Scheduled for Repair by Utility	Units Referred to Others for Permanent Repair	Comments
Distribution Facilities	13	13 X X X X X X X X X X X X X	0	0	155804: Upon arrival stray voltage not present. Connections and pole checked. K45949: New guy wire and bonding wire installed. K44295: Ground connections and neutral repairs to voltage regulator pole 18 spans away K45978: Neutral to Guy bond removed on this secondary pole. K47726: Top of pole replaced. Ground and bond wire cleaned up. K68889: Fixed bond wire between ground and guy wire. P75976: Location is safe. All metal has been covered. Also, this location is in a P53883: Connections cleaned up and retightened for ground wire. K71968: 3 Ground Rods added to drop voltage. 181664: Removed bond between neutral and guy on a delta pole. P59220: Riser pipe has been fixed. P14804: Bond between guy wire and netural cleaned up 144657: Ground rod driven next to grounded communication guy wire on a delta pole.
Underground Facilities	0	0	0	0	None
Street Lights / Traffic Signals	2	0	0	2 X X	M30290014: Bad ground connection in pole. Repaired by housing authority. M30290022: Next to M30290014. Bad ground connection was at fault. Has been repaired.
Substation Fences	0	0	0	0	None
Transmission	1	1 X	0	0	None 190298: Follow-up visit proved voltage reading was unsubstantiated. Voltage below threshold. No action required.

APPENDIX II:
Inspection Repair Details

2005 Transmission Structure Inspections

Condition	Severity 2		Severity 3		Severity 4		Severity 5		Severity 6		Totals		
	Reported		Reported		Reported	In Time Frame	Reported	In Time Frame	Reported		Reported	In Time Frame	
Conductor	1		8		1	1		2			10	0	
Guy Wire	37		404		7	7					448	7	
Foundations	14		40			1					54	1	
Hardware	27		46			1					73	1	
Insulators	24		40		13	15	3	3			80	18	
Components	58		64		6	7					128	7	
Poles	493		238		67	56	3	4			801	60	
ROW	7		19		1	10	0	1			27	11	
Miscellaneous	31		33		23	2					87	2	
Overall Totals	*692*		*892*		*118*	*109*	*6*	*10*	*0*	*0*	1708	114	

2006 Transmission Structure Inspections

Condition	Severity 2		Severity 3		Severity 4		Severity 5		Severity 6		Totals		
	Reported		Reported		Reported	In Time Frame	Reported	In Time Frame	Reported		Reported	In Time Frame	
Conductor											0	0	
Guy Wire	20		11		2	4					33	4	
Foundations			2		6	7					8	7	
Hardware			2								2	0	
Insulators	276		31								307	0	
Components	31		18		2	2					51	2	
Poles	169		116		28	24					313	24	
ROW	6		12								18	0	
Miscellaneous	150		19								169	0	
Overall Totals	*652*		*211*		*38*	*37*	*0*	*0*	*0*	*0*	901	37	

2007 Transmission Structure Inspections

Condition	Severity 2		Severity 3		Severity 4		Severity 5		Severity 6		Totals		
	Reported		Reported		Reported	In Time Frame	Reported	In Time Frame	Reported		Reported	In Time Frame	
Conductor											0	0	
Guy Wire											0	0	
Foundations											0	0	
Hardware											0	0	
Insulators											0	0	
Components					5						5	0	
Poles											0	0	
ROW	1				12						13	0	
Miscellaneous	1		1								2	0	
Overall Totals	*2*		*1*		*17*	*0*	*0*	*0*	*0*	*0*	20	0	

2008 Transmission Structure Inspections

Condition	Severity 2		Severity 3		Severity 4		Severity 5		Severity 6		Totals		
	Reported		Reported		Reported	In Time Frame	Reported	In Time Frame	Reported		Reported	In Time Frame	
Conductor	2		5								7	0	
Guy Wire	8		72		140						220	0	
Foundations					1						1	0	
Hardware	6		30		4						40	0	
Insulators	40		70		12						122	0	
Components	132		47		86		2	2			267	0	
Poles	492		394		315		3	2			1204	2	
ROW	12		53		153	153	1	1			219	154	
Miscellaneous	40		13		135						188	0	
Overall Totals	*732*		*684*		*846*	*153*	*6*	*5*	*0*	*0*	2268	156	

* Severity 2 and Severity 3 conditions are not part of the yearly comprehensive repairs. These are monitored conditions

**2007 Inspections will be part of the 2008 High Priority Replacement Program

***In the case where there were more conditions closed than reported: Additional work was identified in the field and not part of the original project scope

2005 Overhead Distribution Poles Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported			Reported			Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame	
Conductor																						
Damaged Neutral							2												2		0	
Damaged Primary																			0		0	
Damaged Secondary							1												1		0	
Insufficient Clearance							2												2		0	
Phase Wire Off Pin											3								3		0	
Phase Wire on Ground																			0		0	
Slack in Neutral							1												1		0	
Slack in Primary							1												1		0	
Slack in Secondary							1												1		0	
Tie Wire Broken																			0		0	
Equipment																						
Broken Guy							77												77		0	
Cut Out Broken																			0		0	
C-Clamp or Brown Cutout							11												11		0	
Down Ground				60															60		0	
Ground Moulding Broken																			0		0	
Hardware L.A. Broken/Blown							2												2		0	
Insulator							13												13		0	
No Guy Guard	5		0																5		0	
Rotten Xarm							39												39		0	
Xarm Brace Broken							9												9		0	
Xarm Broken											29								29		0	
Pole																						
Evidence of Flashover							7												7		0	
Pole Broken											50								50		0	
Pole Leaning							111												111		0	
Pole Rotten							104												104		0	
Washed out							3												3		0	
Woodpecker Holes				17															17		0	
Transformer																						
Bushing Broken																			0		0	
LA. Broken/Blown																			0		0	
Leaking Transformer							19												19		0	
Red Light							13												13		0	
Transformer Other																			0		0	
Trimming																						
Danger Tree							3												3		0	
Limb/Tree											23								23		0	
Needs Trimming							680												680		0	
Vines							526		1										526		1	
Other																						
Construction Under Line																			0		0	
Municipal Attachment				1															1		0	
Other	10		0	221		0	20			2									251		0	2
Overall Totals	*15*		*0*	*299*		*2*	*1645*		*1*	*47*	*105*		*0*	*6*	*0*		*0*	*0*	*2064*		*1*	*85*

2006 Overhead Distribution Poles Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported	[illegible]	Left Open	Reported	[illegible]	Left Open	Reported	[illegible]	In Time Frame	Left Open	Reported	[illegible]	In Time Frame	Left Open	Reported	[illegible]	In Time Frame	Left Open	Reported	[illegible]	In Time Frame	Left Open
Conductor																						
Damaged Neutral																			0		0	0
Damaged Primary																			0		0	0
Damaged Secondary																			0		0	0
Insufficient Clearance							2			0									2		0	0
Phase Wire Off Pin											3			0					3		0	0
Phase Wire on Ground											2			0					2		0	0
Slack in Neutral							1		1	0									1		1	0
Slack in Primary							1		1	0									1		1	0
Slack in Secondary							1		1	0									1		1	0
Tie Wire Broken																			0		0	0
Equipment																						
Broken Guy							37			2									37		0	2
Cut Out Broken																			0		0	0
C-Clamp or Brown Cutout							9			0									9		0	0
Down Ground				13		0													13		0	0
Ground Moulding Broken																			0		0	0
Hardware L.A. Broken/Blown																			0		0	0
Insulator							1			1									1		0	1
No Guy Guard																			0		0	0
Rotten Xarm							13		1	0									13		1	0
Xarm Brace Broken							3			0									3		0	0
Xarm Broken											7			0					7		0	0
Pole																						
Evidence of Flashover																			0		0	0
Pole Broken											6		2	0					6		2	0
Pole Leaning							25			5									25		0	5
Pole Rotten							9			1									9		0	1
Washed out							1			1									1		0	1
Woodpecker Holes				5		2													5		2	2
Transformer																						
Bushing Broken																			0		0	0
LA. Broken/Blown																			0		0	0
Leaking Transformer							7			0									7		0	0
Red Light																			0		0	0
Transformer Other																			0		0	0
Trimming																						
Danger Tree							2			0									2		0	0
Limb/Tree											3		1	0					3		1	0
Needs Trimming							146		4	0									146		4	0
Vines							89		25	0									89		25	0
Other																						
Construction Under Line																			0		0	0
Municipal Attachment																			0		0	0
Other	1		0	77		2	5		2	0	1			0					84		2	2
Overall Totals	*1*		*0*	*95*		*4*	*352*		*35*	*18*	*22*		*3*	*0*	*0*		*0*	*0*	*470*		*38*	*14*

2007 Overhead Distribution Poles Inspections - Validated Work

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Validated			Validated			Validated		In Time Frame		Validated		In Time Frame		Validated		In Time Frame		Validated		In Time Frame	
Conductor																						
Damaged Neutral																			0		0	
Damaged Primary											7		2						7		2	
Damaged Secondary							6		4										6		4	
Insufficient Clearance							3		3		2		2		1		1	0	6		5	
Phase Wire Off Pin											13		7	0	10		10	0	23		17	
Phase Wire on Ground											1		1						1		1	
Slack in Neutral							1		1										1		1	
Slack in Primary							1		1										1		1	
Slack in Secondary							5		2										5		2	
Tie Wire Broken							29		21										29		21	
Equipment																						
Broken Guy							389		157										389		157	
Cut Out Broken											12		3						12		3	
C-Clamp or Brown Cutout																			0		0	
Down Ground				719															719		0	
Ground Moulding Broken																			0		0	
Hardware L.A. Broken/Blown							5		1										5		1	
Insulator							14		6		1		1	0					15		9	
No Guy Guard	16598		0																16598		0	0
Rotten Xarm							13		2	11									13		2	11
Xarm Brace Broken							5		4										5		4	
Xarm Broken											3		1	0	2		2	0	5		3	
Pole																						
Evidence of Flashover							1		0										1		0	
Pole Broken											33		26	0	3		3	0	36		29	7
Pole Leaning							58		31										58		31	
Pole Rotten							102		31										102		31	
Washed out							9		1										9		1	
Woodpecker Holes				91			2		1										93		1	
Transformer																						
Bushing Broken							1		0										1		0	
L.A. Broken/Blown							8		4										8		4	
Leaking Transformer							36		20		1		1						37		21	
Red Light				34			11		11										45		11	
Transformer Other							5		1										5		1	
Trimming																						
Danger Tree							118		118										118		118	
Limb/Tree											136		135	0	3		3		139		138	
Needs Trimming							986		986										986		986	
Vines							5865		5865										5865		5865	
Other																						
Construction Under Line				22															22		0	0
Municipal Attachment	1		0	2		0													3		0	0
Other															2		2	0	2		2	0
Overall Totals	*16599*		*0*	*868*		*0*	*7673*		*7273*	*488*	*209*		*180*	*39*	*21*		*21*	*0*	*25370*		*7474*	*439*

2008 Overhead Distribution Poles Inspections - Validated Work

Condition	Severity 2			Severity 3			Severity 4			Severity 5			Severity 6			Totals			
	Validated	[illegible]	Left Open	Validated	[illegible]	[illegible]	Validated	[illegible]	In Time Frame	Validated	[illegible]	In Time Frame	Left Open	Validated	[illegible]	In Time Frame	Left Open	Validated	[illegible]	In Time Frame	Left Open
Conductor																					
Damaged Neutral							9		8									9		8	
Damaged Primary										15		14	1					15		14	1
Damaged Secondary							20		17					1		1	0	21		18	3
Insufficient Clearance																		0		0	
Phase Wire Off Pin										13		10	3	31		31	0	44		41	3
Phase Wire on Ground										3		3	0	1		1	0	4		4	0
Slack in Neutral							3											3		0	
Slack in Primary							2		2									2		2	
Slack in Secondary							15		12									15		12	
Tie Wire Broken							98		68									98		68	
Equipment																					
Broken Guy							550		367									550		367	
Cut Out Broken										13		7	6					13		7	6
C-Clamp or Brown Cutout																		0		0	
Down Ground				771														771		0	
Ground Moulding Broken	6018		0															6018		0	
Hardware L.A. Broken/Blown							15		12									15		12	3
Insulator							56		29									56		29	27
No Guy Guard	13843		13806															13843		6	13806
Rotten Xarm							11		4									11		4	7
Xarm Brace Broken							15		5									15		5	10
Xarm Broken										10		7	3	11		11	0	21		18	3
Pole																					
Evidence of Flashover							6		5									6		5	
Pole Broken										34		25	9	4		4	0	38		29	9
Pole Leaning							111		67									111		67	
Pole Rotten							94		65									94		65	
Washed out							5		4									5		4	
Woodpecker Holes				27			3											30		0	
Transformer																					
Bushing Broken							2											2		0	
LA. Broken/Blown							4		4									4		4	
Leaking Transformer							9		9									9		9	
Red Light				68														68		0	
Transformer Other							16		16									16		16	
Trimming																					
Danger Tree							26		26									26		26	0
Limb/Tree										43		43	0	1		1	0	44		44	0
Needs Trimming							334		334									334		334	
Vines							1102		1102									1102		1102	
Other																					
Construction Under Line				5		5												5		0	0
Municipal Attachment	3		0	2		0												5		0	0
Other																		0		0	0
Overall Totals	*19864*	[illegible]	*13806*	*873*	[illegible]	*68*	*2506*	[illegible]	*2154*	*352*	*131*	[illegible]	*109*	*23*	*49*	[illegible]	*49*	*0*	*23423*	*11111*	*2312*	*11449*

2005 Pad Mount Device Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported			Reported			Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame	
Conductor																						
UG Dam. Neutral																			0		0	
UG Dam. Primary											1								1		0	
UG Dam. Secondary																			0		0	
Equipment																						
UG Access Blocked							50		3										50		3	
UG Bushing Broken							1												1		0	
UG Excavation																			0		0	
UG Leaking Transformer							2												2		0	
UG Missing Lock											2		1						2		1	
UG Missing Tag	4		0																4		0	
UG Needs paint				10		0													10		0	
UG Off Pad											14		6						14		0	
UG Secure Latch, Hinge, Closure																			0		0	
UG Serial Number																			0		0	
UG Tracking																			0		0	
UG Unsecure Latch, Hinge, Closure																			0		0	
Other																						
UG Construction Activity																			0		0	
UG Other	7		0	40		0	4		2										51		2	
UG Traffic/Barrier																			0		0	
Overall Totals	***11***		***0***	***50***		***0***	***57***		***5***		***17***		***7***		***0***		***0***		***135***		***12***	

2006 Pad Mount Device Inspections Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported			Reported			Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame	
Conductor																						
UG Dam. Neutral																			0		0	
UG Dam. Primary																			0		0	
UG Dam. Secondary																			0		0	
Equipment																						
UG Access Blocked							71		53										71		53	
UG Bushing Broken																			0		0	
UG Excavation																			0		0	
UG Leaking Transformer							1			1									1		0	
UG Missing Lock											2		2	0					2		2	
UG Missing Tag	1		0																1		0	
UG Needs paint																			0		0	
UG Off Pad											9		7	2					9		7	
UG Secure Latch, Hinge, Closure											1			1					1		0	
UG Serial Number																			0		0	
UG Tracking																			0		0	
UG Unsecure Latch, Hinge, Closure																			0		0	
Other																						
UG Construction Activity																			0		0	
UG Other				111															111		0	
UG Traffic/Barrier																			0		0	
Overall Totals	*1*		*0*	*111*		*4*	*72*		*53*		*12*		*9*	*3*	*0*		*0*	*0*	*196*		*62*	

2007 Pad Mount Device Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported	[illegible]	[illegible]	Reported	[illegible]	[illegible]	Reported	[illegible]	In Time Frame	[illegible]	Reported	[illegible]	In Time Frame	[illegible]	Reported	[illegible]	In Time Frame	[illegible]	Reported	[illegible]	In Time Frame	[illegible]
Conductor																						
UG Dam. Neutral																			0	0	0	0
UG Dam. Primary											2	2	2	0					2	2	2	0
UG Dam. Secondary																			0	0	0	0
Equipment																						
UG Access Blocked							6	3	3	3									6	3	3	3
UG Bushing Broken							8	8	8	0									8	8	8	0
UG Excavation																			0	0	0	0
UG Leaking Transformer							28	28	28	0									28	28	28	0
UG Missing Lock															8	8	8	0	8	8	8	0
UG Missing Tag	35	35	0																35	35	0	0
UG Needs paint				161	161	0													161	161	0	0
UG Off Pad											29	16	16	13	44	44	44	0	73	60	60	13
UG Secure Latch, Hinge, Closure																			0	0	0	0
UG Serial Number	3	3	0																3	3	0	0
UG Tracking											17	3	3	14					17	3	3	14
UG Unsecure Latch, Hinge, Closure											3	3	3	0	14	14	14	0	17	17	17	0
Other																						
UG Construction Activity																			0	0	0	0
UG Other															4	4	4	0	4	4	4	0
UG Traffic/Barrier																			0	0	0	0
Overall Totals	*38*	*38*	*0*	*161*	*161*	*0*	*42*	*39*	*39*	*3*	*51*	*24*	*24*	*27*	*70*	*70*	*70*	*0*	*362*	*329*	*133*	*30*

2008 Pad Mount Device Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported			Reported			Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame	
Conductor																						
UG Dam. Neutral																			0		0	
UG Dam. Primary															2		2	0	2		2	
UG Dam. Secondary																			0		0	
Equipment																						
UG Access Blocked							6		6	0									6		6	
UG Bushing Broken																			0		0	
UG Excavation															1		1	0	1		1	
UG Leaking Transformer							9		5										9		5	
UG Missing Lock															2		2	0	2		2	
UG Missing Tag	34		0																34		0	
UG Needs paint				10		0													10		0	
UG Off Pad							27		7						41		41	0	68		48	
UG Secure Latch, Hinge, Closure																			0		0	
UG Serial Number																			0		0	
UG Tracking							5			0									5		0	
UG Unsecure Latch, Hinge, Closure															4		4	0	4		4	
Other																						
UG Construction Activity																			0		0	
UG Other				1		0	1		1	0					1			0	3		1	
UG Traffic/Barrier																			0		0	
Overall Totals	***34***		***0***	***11***		***0***	***48***		***19***		***0***		***0***		***51***		***50***	***0***	***144***		***69***	

2005 Manhole and Pull Box Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported	Closed	Still Open	Reported	Closed	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open
Access - Surface																						
Tripping Hazard	22	22	0	3	3	0	6	6		0	3	3	0						34	34	3	0
Broken Cover	1	1	0	4	4	0	25	25		0	1	1	0						31	31	1	0
Paved Over				4	4	0													4	4	0	0
Access - Entry																						
Access Blocked				7	7	0													7	7	0	0
Failed Entry Test																			0	0	0	0
Interior																						
Racks Not Secured	5	5	0	5	5	0	4	4	3	0									14	14	3	0
Racks Not Grounded																			0	0	0	0
I-Beam Rusting				2	2	0	4	4		0	1	1	0						7	7	1	0
Walls in Poor Condition	3	3	0	6	6	0	1	1		0	2	2	1	0					12	12	1	0
Ceiling in Poor Condition				10	10	0	2	2		0									12	12	0	0
Water/Mud/Debris in Manhole							7	7		0									7	7	0	0
Cable																						
Oil Leak																			0	0	0	0
Fireproofing Inadequate	2	2	0																2	2	0	0
Sleeve Collapsing																			0	0	0	0
Cable Chaffing							1	1		0									1	1	0	0
Cable Not Identified																			0	0	0	0
Cable Arcing/Buzzing/Tracking																			0	0	0	0
Insulation Deterioration or Damage	3	3	0	4	4	0	11	11		0	1	1	1	0					19	19	1	0
Equipment																						
Oil Leak																			0	0	0	0
Broken or Cracked Bushing																			0	0	0	0
Needs Paint							1	1		0									1	1	0	0
Rusting	1	1	0				10	8	3	2									11	9	3	2
Access Blocked																			0	0	0	0
Not Operable				1	1	0	1	1		0									2	2	0	0
Grounds Broken or Detached																			0	0	0	0
Identification/Label/Sign(s)																			0	0	0	0
Other																						
Construction Activity																			0	0	0	0
Cannot Locate	14	13	1																14	13	0	1
Proximity to Traffic																			0	0	0	0
Other	4	4	0	32	32	0	26	24		2									62	60	0	2
Overall Totals	***55***	***54***	***1***	***78***	***78***	***0***	***99***	***93***	***6***	***14***	***8***	***8***	***7***	***0***	***0***	***0***	***0***	***0***	***240***	***227***	***13***	***13***

2006 Manhole and Pull Box Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported	Closed	Still Open	Reported	Closed	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open
Surface																						
Tripping Hazard	4	3	1								1	1	0						5	4	1	0
Broken Cover				12	11	1					1	1	0						13	12	1	1
Paved Over				9	9	0													9	9	0	0
Entry																						
Access Blocked				2	2	0													2	2	0	0
Failed Entry Test							2	1	1	0									2	1	1	0
Interior																						
Racks Not Secured	2	2	0																2	2	0	0
Racks Not Grounded																			0	0	0	0
I-Beam Rusting				4	3	1	1	1	0	0	2	1	1	0					7	5	1	1
Walls in Poor Condition				2	1	1													2	1	0	1
Ceiling in Poor Condition																			0	0	0	0
Water/Mud/Debris in Manhole				6	6	0													6	6	0	0
Cable																						
Oil Leak																			0	0	0	0
Fireproofing Inadequate	12	12	0	35	35	0													47	47	0	0
Sleeve Collapsing																			0	0	0	0
Cable Chaffing																			0	0	0	0
Cable Not Identified				15	15	0													15	15	0	0
Cable Arcing/Buzzing/Tracking											1	1	0	0					1	1	0	0
Insulation Deterioration or Damage																			0	0	0	0
Equipment																						
Oil Leak																			0	0	0	0
Broken or Cracked Bushing																			0	0	0	0
Needs Paint	1	1	0				1	1	0	0									2	2	0	0
Rusting	1	1	0				1	1	0	0	4	3	1	0					6	5	3	1
Access Blocked																			0	0	0	0
Not Operable							1	1	0	0									1	1	0	0
Grounds Broken or Detached																			0	0	0	0
Identification/Label/Sign(s)																			0	0	0	0
Other																						
Construction Activity																			0	0	0	0
Cannot Locate	57	57	0																57	57	0	0
Proximity to Traffic																			0	0	0	0
Other				34	30	3													34	30	0	3
Overall Totals	*77*	*76*	*1*	*119*	*112*	*7*	*6*	*5*	*1*	*0*	*9*	*7*	*2*	*0*	*0*	*0*	*0*	*0*	*211*	*200*	*8*	*10*

2007 Manhole and Pull Box Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported	Closed	Still Open	Reported	Closed	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open	Reported	Closed	In Time Frame	Still Open
Surface																						
Tripping Hazard																			0	0	0	0
Broken Cover							4	4	4	0									4	4	4	0
Paved Over																			0	0	0	0
Entry																						
Access Blocked																			0	0	0	0
Failed Entry Test																			0	0	0	0
Interior																						
Racks Not Secured																			0	0	0	0
Racks Not Grounded																			0	0	0	0
I-Beam Rusting																			0	0	0	0
Walls in Poor Condition							1	0	0	1									1	0	0	1
Ceiling in Poor Condition							1	0	0	1									1	0	0	1
Water/Mud/Debris in Manhole				5	5	0													5	5	0	0
Cable																						
Oil Leak				5	5	0													5	5	0	0
Fireproofing Inadequate	2	2	0				1	0	0	1									3	2	0	1
Sleeve Collapsing																			0	0	0	0
Cable Chaffing				1	0	1													1	0	0	1
Cable Not Identified	1	1	0																1	1	0	0
Cable Arcing/Buzzing/Tracking																			0	0	0	0
Insulation Deterioration or Damage							1	0	0	1									1	0	0	1
Equipment																						
Oil Leak				1	1	0													1	1	0	0
Broken or Cracked Bushing																			0	0	0	0
Needs Paint																			0	0	0	0
Rusting	3	3	0																3	3	0	0
Access Blocked																			0	0	0	0
Not Operable				1	1	0													1	1	0	0
Grounds Broken or Detached																			0	0	0	0
Identification/Label/Sign(s)																			0	0	0	0
Other																						
Construction Activity																			0	0	0	0
Cannot Locate																			0	0	0	0
Proximity to Traffic																			0	0	0	0
Other				5	5	0	1	1	1	0									6	6	0	0
Overall Totals	*6*	*6*	*0*	*18*	*17*	*1*	*9*	*5*	*5*	*4*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*33*	*28*	*0*	*5*

2008 Manhole and Pull Box Inspections

Condition	Severity 2			Severity 3			Severity 4				Severity 5				Severity 6				Totals			
	Reported			Reported			Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame		Reported		In Time Frame	
Surface																						
Tripping Hazard	1						5		2		7								13		2	
Broken Cover	8			5			3				4								20		0	
Paved Over																			0		0	
Entry																						
Access Blocked																			0		0	
Failed Entry Test																			0		0	
Interior																						
Racks Not Secured	3						3												6		0	
Racks Not Grounded																			0		0	
I-Beam Rusting	1		0	3		1	2			2	2			2					8		0	
Walls in Poor Condition	1			4			5			5	2			2					12		0	
Ceiling in Poor Condition	1		0	3		3					3			3					7		0	
Water/Mud/Debris in Manhole	55		2	12		0	8		3	8									75		3	
Cable																						
Oil Leak							2			2									2		0	
Fireproofing Inadequate	3		1	4		0	3		1	2									10		1	
Sleeve Collapsing																			0		0	
Cable Chaffing	1		0	1		0	1			1									3		0	
Cable Not Identified	33		0	3		0													36		0	
Cable Arcing/Buzzing/Tracking																			0		0	
Insulation Deterioration or Damage																			0		0	
Equipment																						
Oil Leak											1			1					1		0	
Broken or Cracked Bushing																			0		0	
Needs Paint																			0		0	
Rusting				1		0													1		0	
Access Blocked																			0		0	
Not Operable																			0		0	
Grounds Broken or Detached																			0		0	
Identification/Label/Sign(s)	2		0																2		0	
Other																						
Construction Activity																			0		0	
Cannot Locate																			0		0	
Proximity to Traffic																			0		0	
Other																			0		0	
Overall Totals	*109*			*36*			*32*				*19*		*0*		*0*		*0*	*0*	*196*			