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Charles A. Freni, Jr. Sonior Arrestrasiden Contem Summer

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,

Aarles Ge. Jun'

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

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Appendix 1: Stray Voltage Testing Summary – Annual Report

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I. <u>Background</u>

Pursuant to the Public Service Commission's <u>Order on Petitions for Rehearing and</u> <u>Waiver</u> (the "Order") issued and effective on July 21, 2005 in Case 04-M-0159 – <u>Proceeding on Motion of the Commission to Examine the Safety of Electric</u> <u>Transmission and Distribution Systems</u>, 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 12month 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. <u>Overview</u>

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 padmounted 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.

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

Table of Severity Ratings

* 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	Geographic Area (District)		Cumulative Total
Year		Pads per Year (approx.)	
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.

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

Inspections Per Year - Distribution Overhead

* Note: Due to change in inspection philosophy in 2007, some poles inspected in 2005 and 2006 were reinspected 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%

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	Number of Pad-mounted
Year	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%

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.

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

Inspections Per Year - Manholes and Pull Boxes

* 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%

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.

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

Inspections Per	Year - Transmission S	tructures

* 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%

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. <u>Annual Performance Targets</u>

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.

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

Stray Voltage Testing Program Results

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. <u>Certifications</u>

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.

<u>CERTIFICATION</u> [STRAY VOLTAGE TESTING]

STATE OF NEW YORK COUNTY OF DUTCHESS

) ss.:

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

- 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").

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- 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.

- Charles G. gun

Sworn to before me this H day of January, 2009 Notary Public: AMMa M. Slametta

DONNY & M. COANTETTA Notary System, State of New York Not 01GI5067898 Guantico in Ulster County Commission Expires Oct. 15, 2010

<u>CERTIFICATION</u> [FACILITY INSPECTIONS]

STATE OF NEW YORK COUNTY OF DUTCHESS

) ss.:

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

- 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").
- 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.

- Chances Co. James

Sworn to before me this 22 day of January, 2009 Notary Public: AMMA M. Mametta

> DONNA M. GIAMETTA Notary Public, State of New York No. 01GI5067398 Qualified in Uister County Commission Expires Oct. 15, <u>20/0</u>

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.

Structure	Date	Voltage (Location)	Mitigation
		Location	Upon CH arrival, stray voltage was not
		6.5 V	present. Entire pole and connections were
155804	12/21/2007	(Ground)	checked.
		5.53 V	New guy wire and bonding wire have been
K45949	01/08/2008	(Guy Wire)	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.
		4.7 V	
K68889	02/25/2008	(Guy)	Fixed bond between ground wire and guy wire.
		5.6 V	
P75976	03/04/2008	(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.
		4.9V	Bond between guy wire and neutral has been
P14804	5/22/2008	(Ground)	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.

Distribution Poles with over 4.5 Volt Reading

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.

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

Metal Street Light Poles with over 4.5 Volt Reading

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.

Structure	Date	Voltage (Location)	Mitigation
			Crew found readings could be at 2 Volts or as high as 12 Volts. Upon
ļ	Í	7.6 V	follow-up voltage between 200mV and
<u>19</u> 0298	4/15/2008	(Ground)	1 Volt. This is unsubstantiated.

Transmission Structures with over 4.5 Volt Reading

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.

Date	Location of shock	Injury	Findings/Mitigation
	Load Limiter on Electric		Customer had romex cable exposed to weather (rain). Sections of electric fence were found to be broken and hastily
03/04/2008	Meter	None	reattached by customer. Cable TV contractor came in contact with
04/15/2008	Overhead primary wire	Minor	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.
			Central Hudson investigation found
06/03/2008	Municipal Owned Street Light	Minor	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.

All Reported Calls Related to Electrical Shocks for 2008

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

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
70-138k∨	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

Appendix 1: Stray Voltage Testing Summary - Annual Report

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 inaccessibles 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	# 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
Summary of	п <u>7</u>	f un 4.5v	f unit 8.0v	f un 25.0	f ui	
Voltages Found	# 70	# 70	то #	₩ *	0 ₩	
Distribution Facilities	495	12	1	-	-	508
Pole	-	-	-	-	-	-
Ground	183	7	-	-	-	190
Guy	281	5	-	-	-	286
Riser Other	20 11	-	- 1	-	-	20 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 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 X X X X X X	0	c	 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. P5920: 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	C	None
Street Lights / Traffic Signals	2	0	0	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		None
Transmission	1	1 X	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

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totala
Condition	Reported	Reported	Reported Preme	Reported	Reported States Frame	Reported Frame
Conductor	1 2000 - 1200	8 200 0000	1 & Anne. 🚺 😽 🕹 🖓	2 3 3 3		10 C A.S.
Guy Wire	37	404	7			448 7
Foundations	14	40	1			54 XAX 10 A.A XX 1
Hardware	27	46				73 2 2 2 7
Insulators	24	40 🔗 🖗	13 3 4 5 4 5	3		80 80 10 10 10 10
Components	58	64	6			128 200
Poles	493	238	67	3		801
ROW	7	19 - 869 - 11 - 1260	1 经总统 - 20-40 以为的法	0		27
Miscellaneous	31	33	23	100 March 1		87
Overali Totais	692	892	118	6	0	1708 333 119 33

2006 Transmission Structure Inspections

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totals
Condition	Reported	Reported	Reported Section France	Reported State	Reported Prante	Reported
Conductor						0
Guy Wire	20	11	2			33
Foundations		2	6			8
Hardware	1.7 C - 25 8 8	2				2
Insulators	276	31				307
Components	31 32 33	18	2			51 24 2 2 2 2
Poles	169	1 16	28 24			313 22 24
ROW	6	12				18 0 0
Miscellaneous	150 🔆 🖉 👘					169
Overall Totals	652 · · · · · · · · · · · · · · · · · · ·	211 5 1	38 37	0	0	901

2007 Transmission Structure Inspections

		Severity 2		Severity 3		Severity 4			Severity 5			Severity 6			Totais				
Condition	керопеа 20	ille Soor	Reported	the street	Reported	H.H.S.	In Those Frame		Reported		in Time Frame	Second Second	Reported	14 .	in Time Frame	Perro	Reported		Traine
Conductor		k in istelle		entris - carrier		8494 C				2 33 4				au ai	$\sim 10^{-10}$	-62%	0		8
Guy Wire		allen Ballator		The Contraction		Mill Tok				20 Cal		1044.88		Sec. 1		1000		16	0
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Miscellaneous	1		1	249) - S HIM				· Maria California		S.C. M.							2 👸	E S	9.838 A
Overall Totals	2	200 - 308 44.	1	aan amma	17				0	Willow			0	MAN S			20 💮	iner.	0

2008 Transmission Structure Inspections

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totals		
Condition	Reported	Reported	Reported	Reported	Reported	Reported Strains Strains		
Conductor	2	5				7		
Guy Wke	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	72	140			220 220 200		
Foundations	1 F 15 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	1	1			1		
Hardware	6 Sanda Sanda	30	4					
insulators	40	70	12			122		
Components	132	47				267		
Poles	492		315			1204 2 110		
ROW	12	53	153			219 154 154		
Miscellaneous	40	13	135			188		
Overali Totals	732 732	684	846 153	6	0	2268 156 156		

* 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

	Severity 2		Severity 3		Severi	ty 4		Sever	ity 5		Seve	rity 6			Tota	s	
	Reported				200 - Silisia	In Time			In Time	577-00-06-0 		in Time	n		a tradit Shire i	In Time	
Condition	Reported	100.000	Reported		Reported	Frage	1.000.000		Frame	·····	Reported	Freme		Reported	Sheer and the	Frame	
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Damaged Secondary		3.00			1		S36.42	(H	C Salla Co	the work	3				1	- <u></u>	
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Slack in Primary	10 Mart 30 Mart			2 C. C.	1						100 C	ŝ			1	1	
Slack in Secondary		1000			1 10000000					-	Le Carlos				1	14	C 🔊 🕅
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C-Clamp or Brown Cutout			Alford States of	1.000.000	11		Millithe					8	the second		11		C . 33199
Down Ground			60				11110-14			1000			ÇS= A		60	.	9
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Hardware L.A. Broken/Blown		Street.		2.000	2		6		1				19 - Q-		2		0
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Limb/Tree			作 (新一次)	12000	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. A.		23		144.634		2	SP-36.		23 38 5 5 6 5	S. 18.	0
Needs Trimming	-26 A. (2)	10.100	20197 i		680	200	63 M.	2.	Sala	S. S. S.			88 S		80		0
Vines	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	100			526		Sec.	1997 - C. 1997 -	12.12	100	Sec. Sugar				26		<u>्</u> य २३३
Other		10.20 - 90. 1.40				1.0 400		an an conservation a	and the second			i alle frances i sui	****	<i>"</i> ,	a se		AND IN THE R
Construction Under Line	the second second	14186	A Carlos	and the second	3. 1	1	199692	Section Section		200		ŝ			0		0
Municipal Attachment			1 380.00 2	1	1150-40-12	ľ.	S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Allerter							1		0
Other	10	e.	0 221	6	20		1 2				and the second	2	1. 2	2	51		8
Overall Tol	als 15 🖅 👘	18 ²⁰ (299 2007	- 2	1645	1	47	105	0	6	0	N Ö	1. A.	20	64	<u> </u>	1 1

2006 Overhead Distribution Poles Inspections

		Severity 2	Severity 3	Severi	ity 4	Sever	rity 5	Sever	ity 6	Tota	8
A			Reported	Panadad	In Time Frame Railton		In Time Frame Collector	Reported	In Time	Reported Concert	In Time Frame Lift Open
Condition	Reported	And the second second		Reported		a / a group / a acara with the		Reported (Control of Control of C	and a second	Reported Street and	
Conductor		- A Carl Control of Co				- d'anna ann an ann an an an an an an an an			4 200000	0	2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Damaged Neutral										0	
Damaged Primary		121157									
Damaged Secondary										0	
Insufficient Clearance				2						2	
Phase Wire Off Pin											
Phase Wire on Ground						2	1994 <u>1</u> A			2	0
Slack in Neutral		All all a state of the second		1	1						1
Slack in Primary				1	1 2003203			4.00.000		1	1
Slack in Secondary		ales a contractor		1	1	App Company of the second seco				1	1
Tie Wire Broken											
Eculoriant					Charles and the second of the second s						
Broken Guy				37 35						37	0 2
Cut Out Broken		de la companya and							and the second	0	0
C-Clamp or Brown Cutout		Station and	and the second	9		E States as				9	0
Down Ground			13							13	0
Ground Moulding Broken		10012212 1102							· · · · ·	0	0
Hardware L.A. Broken/Blown		Charles Constants								0	0
Insulator		the second second		1	1. Sec. 3		803844.	SNA ASIA	S	1	0
No Guy Guard				at the second						0	0 0
Rotten Xarm				13	1	6				13	1
Xarm Brace Broken		Second Constants	260 C 10 C	3	Sec. 24	ō Million				3	0 0
Xarm Broken				3		C 7			2 A.S. A.	7	0 0
Pole	. 7 632			100			an a		3	Suite for	
Evidence of Flashover	A STORES	A	1	i de la companya	1		Sec. 35			OK AND	of a
Pole Broken		Carlos de Constantes de Con				6	2			6	2
Pole Leaning				25 25 25 20		6	N/2003			25	0
Pole Rotten		- 44 M		9 9 2 2 3		.	a and a second		N 10	9	0
Washed out				1	8.999					1	0
Woodpecker Holes			5				E .			5	2
Transformer	NT 150 1.3										
Bushing Broken		A				is della da			8 8000 Y 7	0	0
LA. Broken/Blown				han his			2 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -			0	
Leaking Transformer				7		d a	National Contraction			7	0
Red Light										0	0 35 0
Transformer Other	_		Set Contraction							0	C
	- BANN			a and a second sec							
A CARLEN AND A CARLEN A					42.11		25 (SA2			- 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000	Sing Sing. Solid Learning Control State
Danger Tree				2 83336 5		ŭ (2000)			6 6	2	
Limb/Tree				146	4		a second a second s			146	3 <u>8</u> 00 -
Needs Trimming Vines				146 89	25				S	89	5
	_			03						03	25 0
Other		N. P. C. S.	Contract of the		0 3 063 - 1972 - 19	a Alexandra			ie Are 2 Extremente	1	
Construction Under Line		94 0 949396 (1999		Silliber / 1	1 <u>6</u>					0	0 0
Municipal Attachment		an state and the second						57 - Sec.		0	0 0
Other		1 (77	5	4	G 1				84	21 2
Overall 1	otals	1 0	95	352	35 1	22	3 3 (0.657.657	n 0 (470	38 14

2007 Overhead Distribution Poles Inspections - Validated Work

		Severity 2			Severity 3			Sev	erity 4			Seve	rity 5			Severi	ty 6			Tot	ais	
Condition	Validated	100	- 	Validated	2. 13		Validated	ų, su į	in Time Frame		Validated		in Time Frame	Burd	Validated		in Time Frame		Validated	35.46	Frame	
Conductor		Sec. 24					an an again an a	36 1		de la			A. S. Mark		4				4			C.L.
Damaged Neutral	1		1000			Section and		de to da	nanicista, is Gines.	10000-000				1.500000	<u> </u>	Contraction (Sec.	ninhu dha i .	NY CA	ĩ –	0 333 - 2350	C N. 2422	10 - The star
Damaged Primary		Selfis				10000		11.193		10046024403	7	No.		1999		AND INCOME OF THE		Sec. 2.		7 28		2
Damaged Secondary		÷			Carlor - M		6	84 S.		100000				S123098		ALANA VOL		Sec. 37(4)	-	6		1. MILLING
Insufficient Clearance		2. Mary			a construction and	1.94		2. 10		101101 (M	- 2			States .		1200		201397	ĩ	6		C (1987)
Phase Wire Off Pin		£40.44	6		1949 194	101000		il april in		444000404	13	and the second	ŝ	10000	10	and the second second	10		2	3 Ways	1 12	17 010000
Phase Wire on Ground						1008		12/23		10000000	1	and the	S. 2	100 M		The state		1000		1 2 2	dis d	A KINGS
Slack in Neutral					Sec.	Sec. 1	1	Y COXY		1000000		Mar Con	a	1.10.10		Che Ma	·	Saleton.		1 2000		
Slack in Primary			* · · · · · · · · · · · · · · · · · · ·		9277 8		1	3, 11		10000		1111	242 Y 4 4 1	S149463		20 4 6 B		dia de		1		
Slack in Secondary			* SK 100		14 26	Sec. 1	5					Harry	8 - S - S - S	10.83		the contraction				5		
Tie Wire Broken		1987.			1.		29		2	and the		e se	1016	Sugar		11.	8 D	57-388	2	9 20 20 20 20 20 20 20 20 20 20 20 20 20	à DES	
Enviorment	2 47 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.50						<u> 2283</u>	9		AK	10000	The Sec.			TALLY BUT		S. A subset			1. S. S. S. M.S.	en geber
Broken Guy			1000				389		15	7 8 2		1.50	97 98 A. C. A	12:02:00		3/01	8 - L	10000000	3	9	8 - B.S.	
Cut Out Broken		4.71	:		1927.3	18 00 82		10. F		5 2.67 305	12			3.444 A.		allet a sugar		1911191		2 2 2 2 2 2 2		E COMPA
C-Clamp or Brown Cutout		Sec. 5 1			120	Mar Sec. Mar		34 - S		1000		12	16 D	10000		Section .]	D	62	C stilling
Down Ground		100	9	719	Sec. 1.	B. Collins			ga e i	10000		all in		STEPHER .		C. C. C.		ter to	71			0
Ground Moulding Broken		2010			1.1	364 S 📽		X. 1		2010-003			A 192	aller aller				4.50.5		0		0 30000
Hardware L.A. Brokert/Biown		1. A			1 m -	Spolitike		6 W. S.		2000 Mar		and the se		ANN 855		1.11.11.11		1. Sec.		5		1
Insulator		all the second	A States -		140	A she was a set	14	of a start of the	[1	Hereicz						15 / S		5		9 2 2 2 4
No Guy Guard	1659	B 2000 T			131 112					SUSPECTED ST					_			\$3 S.	1659	8		022223
Rotten Xarm		1111 Car 1			5 A 167			S. 17. 6		2		118 - Z		Stor let				1.11] 1	3 200		2 3.233
Xarm Brace Broken		Sec. March			4.14	201102-118	5	1000		C. Contraction		Children of States		100 T		249053		18.000		5		4 //
Xarm Broken		Sec. 16. 1			1.	Selfitter					3	Maria			2	1. 814	:		9	5 888 A.		3
Pole .					1 1 1 5 L		A CONTRACTOR OF A CONTRACT										-34 M.T.			19. a.t.	1	
Evidence of Flashover		38083 C			Strager.	1	1	28 C				ti na se		1000						1 6 33 6 56 5		0
Pole Broken		Star Children			2	Sec. 38		\$\$\$2.03		1. S.	33	appende .	2		3			3 (s. /	3	6		20
Pole Leaning		8 5 (11)	2		Sugar 1	10. Mar 10		818 J	3				£ /					in the life of the		8	and the second se	31
Pole Rotten		Caller.			14. 34	2.00.02	102		3				6 V			Mar Col	-	S. 333	10	2 2 2		31
Washed out					1000 C	(2000 X	9	$\mathbf{v}_{i} \in \mathcal{S}$	Sugar	1.000				100		19 C. S. S.			8	9 × 607 8 %		1 - 333
Woodpecker Holes		200	1. 6.189	91		. S. S. S.	2	1. NA	and the			1816	Alfre i	S		25 5 1	<u>.</u>	18.AN	å	2 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
	4. I. S. A.		St. Anis	Sec. 1	1. Sherry						Anna Anna		9-13 N	12. 12.		5. A. S. S.	N		Sec. 2	7.70.5	F	S
Bushing Broken		3					1			in Control 1		200 - C		10.400		فيوفر المجرية المروقات			9 1	1	C (2014)	e contraction de la c
LA, Broken/Blown		100			28241	. In 160 M	8	al an a star				1990 100		0534668		an Burger in		435-AM		8 254 3 26		1. Jacobie
Leaking Transformer		1. 6. 10	1. State 1.			. N. S. S.	36		2		1		2014 a. a.	State.		1. S.		Sec. hadden	X1	7	- 22	21 (1999)
Red Light				34	- K - K	S. 65 9 7	11		1										§ 4	5		11
Transformer Other		- 3.S.	UNING.			an a	<u> </u>					×\$25				Webs August	-			5		
			5-15-01 - T					18925		Salar Maria S.		50								1. Sec. 2.		
Danger Tree					1000		118		<u> a san an</u> ta	a she are	L	1997 - S.		1.12. 18			2.5	Sec.	11			
Limb/Tree		58 S. A			1993 A. 1993				<u>an an</u>		136		13	100 010000								
Needs Trimming	 	12372					986 5865		8	a second		1204 (C) 1204 (C) 1204 (C)						200-20A - 154-1	98	1 Sec. 6 Sec. 1		
Vines			C SHEEK		1.94	1994	5865		050		L	AREAS -	Milleria S	- Mildeller			<u>.</u>		580	· · · · · ·		
Cither	<u> </u>	RANK &					(%) (%)		1. 2. M.								383.22. 1 Ann				2012 - 2012 - 2013 - 2014 - 2014 - 2014 - 2014 - 2014 - 2014	
Construction Under Line		-March 1		22	abel aler			4.76 16 16	1999 - 1997 -	\$ 2:0-55	I	dente -	an ann an			Hill Charles	99	- 40 - 10 - 10 - 10 - 10 - 10 - 10 - 10		2 maples		0
Municipal Attachment		1	C No	2	11.12	Second Sec		din .		1000	I	Aller In 1		1. A.L.	<u> </u>	Children and States	·.	200	<u> </u>	3 2220	<u></u>	05
Other			Sec. Wal		all and a	8. CS /.				Sec. Sec.				Sec. and				40	4	4		4
Overall	Totais 16599	Sec. 14		868	Mille and	S	7673	March	727	S	209	3.5 See	180	· · · · · · · · · · · · · · · · · · ·	21	Male Colones.	_ 2		2537	O Contractor of the	1 74	74 6 4

2008 Overhead Distribution Poles Inspections - Validated Work

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totals
			In Time	in Time 5.4	in Time	a Validated Character Frame Lat. Care
Condition	Validated			Validated Children Preme Chang	Validated Comments Frame Lat Com	
Conductor		3 1 2 2 C				
Damaged Neutral				15 202 10 10 10		9 6 33344
Damaged Primary	ACCOUNT OF THE					15
Damaged Secondary			20 20 17		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 	0 21
Insufficient Clearance						O D
Phase Wire Off Pin		10 10 10 10 10 10 10 10 10 10 10 10 10 1		13	31	44
Phase Wire on Ground				3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	4
Slack in Neutral			3			3 7 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4
Stack in Primary			2			2
Slack in Secondary			15 12			15 98
Tie Wire Broken		2000 - 2000 to 1000 to 2000 to 2000 000	98			98
Equipment			t sa Basa an Taba			
Broken Guy			550			
Cut Out Broken				<u>13</u>		13 264
C-Clamp or Brown Cutout						0 /// C / ///
Down Ground	Car and a star			. <u> </u>		771
Ground Moulding Broken	6018					6018 C
Hardware L.A. Broken/Blown			15 20 12		5798 (San San San San San San San San San San	15 12 12
Insulator	<i>1160</i> 12	televity and the	56 29 333			56 28 37
No Guy Guard	13843					13843 6 13843
Rotten Xarm			11 4			11 4 7
Xarm Brace Broken			15 <u>5</u>			15
Xarm Broken				فنالي يتكرز بالكيف بسيبق سينجف كترتك بالتراك بالتراك بالمتك		21 10
Pole				1 A state of the second secon second second sec		
Evidence of Flashover						<u>6</u>
Pole Broken		224	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4	0 38 29 29
Pole Leaning	A COMPANY COMPANY	🕷 🔜 🔄 <u>1,465</u> . 25 Social as	111	. <u></u> <i>Materia</i> 2000 - 2000		<u>111</u>
Pole Rotten			94			94
Washed out			5 - 1 - 4	. <u> </u>		5
Woodpecker Holes	i Maria Maria		3 3 5 5 7 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			30 Q
Transformer			the second second		A 26 PARTY OF A DECIDENCE	
Bushing Broken			2			2 // · · · · · · · · · · · · · · · · · ·
LA. Broken/Blown	and the second		4 53 3 4 4			4
Leaking Transformer			9			9
Red Light		68 244 33 34 44				68 0
Transformer Other			16			16
Triciumling		all working and a second se				
Danger Tree	CLARC (* 1999)		26 28			
Limb/Tree				43		g 44 44
Needs Trimming			334			334
Vines			1102			1102
Other			and the second sec			
Construction Under Line	instanting					5
Municipal Attachment	3	2				5
Other						0 0 0
Overall T	otals 19864 4990 110	96 873 6	2506 2154 36	131 200 101 2	49 49	0 23423 11111 2312 11444

2005 Pad Mount Device Inspections

	Severity 2	Severity 3	Severit	y 4	Severil	ly 5	Severit	y 6	Total	9
Condition	Reported	Reported	Reported	In Time Frame	Reported	Frame Calling	Reported	In Time Frame	Reported	in Time Frame Lait Cover
Conductor			 In this are the second sec second second sec							
UG Dam. Neutral		Sector and a sector					11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0	0
UG Dam. Primary		100 All 100 March 100			1			1.100	1	6
UG Dam. Secondary	Minaria Contacting	California and and	1. 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27/223-2020	and the second		19 14 (19) 4		0	0
Equipment			e e e			CAR THE STATE			AND	Constant A
UG Access Blocked			50	3	Sitte good				50	3 11
UG Bushing Broken	Cashing Street		1				8 19 18 43		1	0
UG Excavation	aller in aller			200303					0	0
UG Leaking Transformer		State of the state	2	201102	Here and the second	1. Star	100 C	1994 - N	2	8
UG Missing Lock				·	2	1	3480 (K)	22838	2	1
UG Missing Tag	4		882 X X					1999 - C	4	0
UG Needs paint		10	7000	19.40	and the second	Sec. 19		1.29 8 1	10	0
UG Off Pad			199 1 7 (11)		14	6	2000	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14	8
UG Secure Latch, Hinge, Closure				acon .	100 C 20				0	0
UG Seriel Number	46.75.05	100 C	1990 - D. S.	C. C					0	0
UG Tracking				·	10 3 S 3	(100 C)	a start and	100 CO	0	0
UG Unsecure Latch, Hinge, Closure			200 8	S. Sector					0	.
Other is an in the second	and the second			Stands						
UG Construction Activity			- Andrew State		and the second		1990 - A.	· · · ·	0	0
UG Other	7	40	4	2	and the second			8.800 C	51	2
UG Traffic/Barrier				269888	Same and		and the second		0	0
Overall Totals	11	50	57	5	17	1 7	0	0 0	135	12 37

2006 Pad Mount Device Inspections Inspections

	Severity 2			ity 4	Severity	5	Severit	уб	Totals	i
Condition	Reported Canada	Reported	Reported	In Time Frank	Reported Career	Frame	Reported	In Time Frame Lationan R	eported Connet	In Time Frame
Conductor				in the second of	taita -					
UG Dam. Neutral						4			0	0
UG Dam. Primary						and the second second	3 A		0	0
UG Dam, Secondary	20 Barriel 199		Sec. 12			Startin -		and the second	O	0
Equipment		C. C				ALC: NOT IN				
UG Access Blocked	And a state of the second		71	53			A back		71	5
UG Bushing Broken									0	C 22-21
UG Excavation			1	10 Mar - 10 Mar					O CONTRACTOR	6
UG Leaking Transformer	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1			Sec. 1	61. C.	Sec.	1	0
UG Missing Lock	and the second second				2	2		Section 1	2	4 8 16 10 10
UG Missing Tag	1		1			4.21			1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0
UG Needs paint			1. A A A						0	0
UG Off Pad					9	7		1993	9	T States
UG Secure Latch, Hinge, Closure			389.08		1				1	
UG Senal Number			18 C. 1	1000		1000	10 × 10		0	9 4 4 K S
UG Tracking									0	
UG Unsecure Latch, Hinge, Closure	1. S. M. S. M.		18 M	an se			1	Lange I	0	C
Other				and the second se	A CONTRACTOR OF A CONTRACT OF					
UG Construction Activity				1940 S		an de la come			0	
UG Olher	201.00	111				1. A.	6.66		111	0
UG Traffic/Barrier	144 A.		A 3.	5		ê .	a share the		0	0
Overall Totals	1	0 111	72	53	12	9 3	0	0 0	196	62 14

2007 Pad Mount Device Inspections

	Severity 2	Severity 3	Severit	y 4	Severit	y 5	Severi	ty 6	Totals	
Condition	Reported	Reported	Reported	In Time Frame	Reported	Frame Call Chan	Reported Charge	In Time Frame Control Conten	Reported Cleand	In Time Frame Continent
Conductor	A Distance of the second					A Stranger				
UG Dam. Neutral				Die ist					0	0
UG Dam. Primary		64835 S.			2	2	7777 (d. 18		2	2
UG Dam. Secondary			and the second			1. S.		1. (APR.)	0	0
Equipment .					h Marcaller Stores	A PROVINCE				
UG Access Blocked			6	3	Talifa (Sec.	24.9 7 - 9			6	3
UG Bushing Broken			8	8 6		1 () () () () () () () () () (a started	8-35	8	8
UG Excavation				12885	1.60				0	0
UG Leaking Transformer			28	28	<i>21</i> 4 4 4 4				28	28
UG Missing Lock							8	8 🔊 🗘	8	8
UG Missing Tag	35							ie.	35	C
UG Needs paint		161							161	6
UG Off Pad					29	16	44	44 0	73	60
UG Secure Latch, Hinge, Closure						24067			0	0
UG Senal Number	3						HAD BAN	1. Sec. 1.	3	0
UG Tracking					17	3	36 May 125 M	Sec. 7.11	17 Mar 5 11 12	3
UG Unsecure Latch, Hinge, Closure					3 882 (Cas.)	3	14	14	17	17
Other		NU . ATHING MANAGER			1.1.2	Guid of Ly RI	And And Shine State	and the A statement		es antibilità de la constante
UG Construction Activity		Section 1996 Street Sec.			Sector internet	a section of		in the factor	0	Sector of
UG Other				San Star			4	4	4	4
UG Traffic/Barrier	and the second secon								0	0 (
Overall Total	s 38	161	42	39 5	51	24 27	70	70 0	362	133 30

2008 Pad Mount Device Inspections

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totals
Condition	Reported	Reported	Reported Frame	Reported Concess In Time	Reported Character Frame Control	Reported Change Frame Coll Court
Conductor						
UG Dam. Neutral	Sector Street Street	Cartana A Constant				0
UG Oam. Primary			4940-340 - MARCH		2 2 2 2	2 2 2
UG Dam. Secondary						
Equipment			THE REAL PROPERTY AND A RE			
UG Access Blocked			6			6
UG Bushing Broken					1	0
UG Excavation					1	1
UG Leaking Transformer			9			9
UG Missing Lock					2	2 ///// 2
UG Missing Tag	34					34 37 8
UG Needs paint		10				10
UG Off Pad			27 27 7		41 41 0	68
UG Secure Latch, Hinge, Closure	4464 - 4466 - 555 - 55					
UG Senal Number						0 C
UG Tracking			5		the second s	5 0 1
UG Unsecure Latch, Hinge, Closure					4	4
Other						
UG Construction Activity						0
UG Other		1			1	3 1
UG Traffic/Barrier						0 0 0
Overall Total	ls 34	11	48 19 21	0 0	51 50 0	144 (15) 69 29

	Severity 2	Severity 3	Severity 4		Severi	ity 5		Severity	/ 6		Tota	is	
Condition	Reported	Reported	Reported Canada Frame		Reported Closed	In Time Frame Last Case	Reported		Frame Call C	Reported	Gener	ta Yane France	
Access - Surface				192 - 292 2 - 2 2 - 2 2 2 - 2 2 2 2 - 2 2 2 2								<u>،</u> ۲.	
Tripping Hazard	22	3 WARDER STRATE	6	Weeker -	3	3 2000 000		200		<u> </u>	347/100		3
Broken Cover	1 55 3 9 4 1	4	25	50.0	1	1		5.2.88	1985		18 25 3		1
Paved Over		4		1000	Sin Street	Store and a		100 200		57	1.000		0
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Access Blocked		7						Sec. Sec.	1. A. C.		7 499 100		C.
Failed Entry Test					222485165						D		0
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Racks Not Secured	5	5 200 20 10 10 10 10		19861686	100				1980			1	5 1 100 10
Racks Not Grounded			Contractor Contractor		2046 A 1			S. 260			0		0
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Walls in Poor Condition	3	6	1	1991.027	2	1		18°		1	1.20176	. • .	1
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Water/Mud/Debris in Manhole				Sec.					10000		1 20 21 114		D
Cable				1. A. 1	· · · · · · · · · · · · · · · · · · ·		andra and w		- Yer - So	2.			Se diana
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Fireproofing inadequate	2							11/1/ 12			2 2 3 <i>111</i> 1		0
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Cable Not Identified				che dices				110 C (184	1. A.				6
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Insulation Deterioration or Damage	3	4	11	100 M	1	16383.1			C.S.S		9		1
Equipment				* N	Autor and Autor				221	-		2 · · · ·	<u>.</u> (
Oil Leak				W. W. Ander				072-62 C	1996 - C		0		0
Broken or Cracked Bushing		1779999 W Sharabaa		8.2				Magar	1. Sec. 1. Sec		0		0
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Rusting	1		10 3	2				44.4 Jan		1	A		3
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Not Operable		1			4 N S			2 (19 (19 (19 (19 (19 (19 (19 (19 (19 (19		27	2		0
Grounds Broken or Detached				1020							0		0
Identification/Label/Sign(s)				Sec.	and the second s						0		9
0.00				$\mathcal{A} \rightarrow \mathcal{A}$		an fin an ann	and the approxime		ita in	52.0			
Construction Activity								and the second sec			0		8
Cannot Locate	14			1					State of the second				0
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Other	4	32	26		and the second					6	2 Allowski		8
Overall Tota	ls 55	78	99	74	8	7	0		0	24	D States		13

	Severity 2	Severity 3	Severity 4	Severity 5	Severity 6	Totals
Condition	Reported	Reported	Reported Change Frame	Reported Carteria Frame Carteria	Reported Classed Frame Lati Ope	Reported Streets Frame
	Reported to an Article	Reported	Reported County Frame County	Reported Control Frank	Reported Classes Frame Last Ope	
Tripping Hazard	4	1		1		5 5 1
Broken Cover		12		1		13 7 97 1
Paved Over		9				9
Entry						
Access Blocked		2			Jacob de la compañía	2
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interior						
Racks Not Secured	2	C C C C C C C C C C C C C C C C C C C				2
Racks Not Grounded		8-119-53 MMM				0
I-Beam Rusting		4		2		7
Walls in Poor Condition		2				2
Ceiling in Poor Condition						0
Water/Mud/Debris in Manhole		6				6
Cable	1 <u>1</u> 463 - 1 33					- Marine Marine
Oil Leak						0
Fireproofing Inadequate	12	d 35				47 0 0
Sleeve Collapsing						0 0
Cable Chaffing						0
Cable Not Identified		15				15
Cable Arcing/Buzzing/Tracking	Sector and sector			CONTROL OF	d E	
Insulation Deterioration or Damage						0
Equipment						
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Identification/Label/Sign(s)						0
Diner			and the second			
Construction Activity						0
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Proximity to Traffic						0 0
Other		34				34 0
Overall Tota	als 77	1 119	6 1	9 9 7	2 0	0 211 8 10

	Severity 2	Severity 3	Severity 4			everity 5			Severit	ty 6	_		Tota	s	
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Surface				1 m			A DOWN AND A DOWN OF THE			dan ter sa		· · · ·	Same involution	ates the specific re-	A 191000 (1920)
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Entry			-U2010606311.46300925							i i an	À.		106isi		
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Racks Not Secured			MAZ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	101.10				3	17 94 EA						8
Racks Not Grounded				N					<i></i>		2				0
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Walls in Poor Condition			1 200 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1			1. 1 m								0
Ceiling in Poor Condition											and the				
Water/Mud/Debris in Manhole		5				34 <i>1</i> 4			12 BW				en de la	ar en la	
Cebis					1252 ····			4							
Oil Leak	deresta de la companya de la company	5				28 V			64.65.		6.e.		S State Man.		
Fireproofing Inadequate	2		1				in the		an de la cara de la car Cara de la cara de la c		5 - C		S 4 2 4 2 1		0
Sleeve Collapsing			2000 A				4 39887		N. Carp						0
Cable Chaffing		1		(): (C)			G-2402.5		2014		2.00.00				0
Cable Not Identified	1			100		34	10000				1889				0
Cable Arcing/Buzzing/Tracking			and the second	100					W. Alta		-88 (D		Ø
Insulation Oeterioration or Damage			1			202	10 () () () () () () () () () (till ditte		1				6
Equipment						2000 PA			1. U.V.				M		Eq.
Oil Leak		1 (200 (3))					8-80-4 V.				-	ŧ ·			0
Broken or Cracked Bushing		State of the		Sec. 1		2002	8.2		242242				o Filling Contraction		0
Needs Paint				18.20			100 C		1. A. A.				0		đ
Rusting	3		Contraction of the Contraction o	8. 8			- Contraction		1.1.1		r		3		64
Access Blocked						2020			199						of.
Not Operable		1		1.00					4.14 8 64				1 2 2 2 2 3		0
Grounds Broken or Detached	24 SS 20			11. A	1. A.		1		10 A A A			1	Dec. N. S. J. Hard	_	0
Identification/Label/Sign(s)				S. 63				1	16 B				a second second	,	0
Other							and the second second						No. 2 Concernance		
Construction Activity				Huches			and the second			12 (in		1			0
Cannot Locate				9 - NSS			- 10 C. 16 .				ø `				0
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Overall Tota		18 11	9		0	507 3	9	0		6	<u> </u>	2			01

	Severity 2	Severity 3	Saverity 4	Severity 5	Severity 6	Totals
Condition	Reported	Perceted	Reported Contract Frame	Reported Constants Prame Constants	Reported Close Frame	Reported Frame Frame
Surface				Reported Presses		
Tnpping Hazard	1		5 2	7		13
Broken Cover	8	5	3	4		20
Paved Over		8			226 S7 4 6 5 8	0
Entry 🟦	200 - 100 - 30 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100					
Access Blocked						
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	20 8 8 8 8 9 V					
Racks Not Secured	3 3000		3			
Racks Not Grounded	dad del sis i dade					0
I-Beam Rusting	1	d 3	2	2		8
Walls in Poor Condition	1	4	5	2		12 0
Ceiling in Poor Condition	1	6 3		3		7
Water/Mud/Debris in Manhole	55	2 12	8 200 2			75
Cable						
Oil Leak			2			2 0
Fireproofing Inadequate	3	1 4	3 1		2.5	10 33 34 1
Sleeve Collapsing						0 3 0
Cable Chaffing	1	0 1	1	T		3
Cable Not Identified	33	0 3				36 0
Cable Arcing/Buzzing/Tracking	526 6 886					0
Insulation Deterioration or Damage						0
Equipment	where with the second sec					
Oil Leak				1.00		1
Broken or Cracked Bushing		Strate As				0
Needs Paint	and the second second					0
Rusting		1				1
Access Blocked						0
Not Operable						0
Grounds Broken or Detached						0
Identification/Label/Sign(s)	2					2
Other						
Construction Activity						0
Cannot Locate						0
Proximity to Traffic						0
Olher					100 C 1	O C
Overall Tota	als 109	36 36	32	19 0 1	0 0	196