Orange and Rockland Utilities, Inc.

STRAY VOLTAGE TEST
and
FACILITY INSPECTION

Report on the results of stray voltage tests and facility inspections for the period ending on December 31, 2009

February 15, 2010

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I. Background

The New York State Public Service Commission's ("PSC" or "Commission") Electric Safety Standards issued on January 5, 2005 (Case 04-M-0159), with subsequent revisions issued on July 21, 2005 and December 15, 2008 (the "Safety Standards"), require electric utilities in New York State to test annually all of their publicly accessible transmission and distribution facilities for stray voltage and to inspect their electric facilities every five years.

This report describes Orange and Rockland Utilities, Inc. ("O&R") stray voltage detection program and equipment inspection program conducted in 2009.

II. Company Overview

O&R is an investor owned utility that provides electric service to approximately 220,965 customers in a service area of approximately 1,000 square miles within New York State. The Company operates an electric transmission and distribution system ("T&D") that includes 177 distribution circuits with approximately 2,800 circuit miles of overhead and underground cable, nearly 300 miles of transmission right of way, 37 distribution substations, 2 distribution switchyards, 6 transmission substations, 4 transmission/distribution substations, 3 transition structures and 3 transmission switchyards. The Company also owns the transmission interconnections to 11 substations for single industrial customers.

III. Stray Voltage Testing Program

During the period ending December 31, 2009, O&R conducted stray voltage testing of all of its publicly accessible transmission and distribution facilities that are capable of conducting electricity and all Company and non-Company owned metallic streetlights and traffic signals.

In addition, and in compliance with the Safety Standards, O&R:

a. Immediately safeguarded and /or mitigated all voltage findings ≥ 1.0 volt. In instances where the stray voltage finding was determined to be caused by customer-owned equipment, the area was immediately made safe and the customer or responsible person associated with the premises was notified of the unsafe condition and the need for the customer to arrange for a permanent repair. Voltage findings determined to be caused by a utility-owned facility were immediately safeguarded and /or mitigated. All permanent repairs were made within 45 days.
b. Tested all publicly accessible structures and sidewalks within a 30 foot radius of the electric facility or streetlight where there was a stray voltage finding ≥ 1. 0 volt.

c. Responded, investigated, and mitigated positive findings of shock incidents reported by the public.

O&R's transmission and distribution system is comprised of 170,661 structures, of which 45,562 structures did not require stray voltage testing for one or more of the following reasons:

- Wood poles that have no attached appurtenances capable of conducting electricity;
- Wood pole's electrically conductive appurtenances are not accessible to the public (pre-wired wood);
- The facility is enclosed in fiberglass (non-conductive materials);
- The facility is de-energized and / or
- The facility is deemed inaccessible to the public.

Inaccessible facilities include:

a. Locked Gate/Fence – Poles behind locked gates and fences that are not accessible to the public, i.e., facilities located in fenced areas owned by other utilities, such as, Water Companies.
b. Dangerous Grades – Poles located on cliffs and other dangerous grades are generally inaccessible to Company personnel and are approached only under urgent circumstances. The performance of stray voltage testing would constitute an unacceptable risk to the employee.
c. Company Property – Poles located on Company property, such as substations, are accessible only to Company personnel and authorized contractors.
d. Vaults - Structures located inside buildings. These structures are accessible only to Company and building maintenance personnel.
e. Limited Access Highway Facilities – Structures located on highways, exit and entrance highway ramps. The performance of stray voltage testing would constitute an unacceptable risk to the employee.

In accordance with the Commission's Order Adopting Changes to Electric Standards, issued December 15, 2008, O&R was not required to perform mobile testing during the period January 1, 2009 – December 31, 2009 because no cities with a population of at least 50,000 is located in the Company's service area.

IV. Facility Inspection Program

The Safety Standards require O&R to visually inspect approximately 20% of its facilities annually, resulting in 100% inspection of its electric facilities every five years.

O&R visually inspects its distribution system on a five-year cycle, as prescribed by the Safety Standards and inspects its transmission system annually.

In accordance with the Safety Standards, O&R uses the following severity levels to establish priority for repairs and scheduling:

Level I – Repair as soon as possible but not longer than one week. A Level I deficiency is an actual or imminent safety hazard to the public or poses a serious and immediate threat to the delivery of power. Critical safety hazards present at the time of the inspection shall be guarded until the hazard is mitigated.
Level II – Repair within one year. A Level II deficiency is likely to fail prior to the next inspection cycle and represent a threat to safety and / or reliability should a failure occur prior to repair.
Level III – Repair within three years. A Level III deficiency does not present immediate safety or operational concerns and would likely have minimum impact on the safe and reliable delivery of power if it does fail prior to repair.
Level IV – Condition found but repairs not needed at this time. Level IV is used to track atypical conditions that do not require repair within a five year timeframe. This level should be used for future monitoring purposes and planning proactive maintenance activities.

In accordance with the Safety Standards, when a temporary repair is located during inspection or performed by the Company, best efforts are put forth to make a permanent repair of the facility within 90 days. Temporary repairs that remain on the system for more than 90 days are due to extraordinary circumstances, e.g. storms that require extensive repair activity. The Company has compiled a list of exceptions of temporary repairs that have remained in place longer than 90 days. The list and justifications can be found in Appendix 5 of this report.

V. Company Facilities

Structure Categories - There are 170,661 structures that comprise O&R's T&D system, of which 125,099 individual facilities require testing for the presence of stray voltage each year. All T&D structures require visual inspection every 5 years. These facilities are broken down into the following four main categories:

Distribution Overhead – There are 133,443 distribution pole structures in O&R's territory. The testing criteria include all publically accessible utility-owned or joint use wooden poles with utility electrical facilities located on both public thoroughfares and customer property, including backyards or alleys. Stray voltage tests are performed on all wooden poles with metallic attachments such as ground wires, ground rods, anchor guy wires, riser pipes, or any electrical equipment within reach of the general public. Distribution overhead facilities are included in both the stray voltage and inspection programs.

Underground Facilities – There are 28,593 underground facilities in O&R's system. The testing criteria include subsurface structures and above ground, pad-mounted structures. Included in the underground facilities are electric utility manhole covers, submersible transformer covers and electric utility hand hole

covers. Included in the above ground, pad-mounted structures are padmount switchgear cases and padmount transformer cases. These facilities are included in both the stray voltage (except for fiberglass hand holes) and facility inspection programs.

Street Lights and Traffic Signals – There are 1,465 metal pole street lights and 492 traffic signals within O&R's service territory. This total includes metal pole street lights owned by O&R with the balance of the equipment owned by various municipalities. Privately owned street lighting is not included in the stray voltage testing program, as per the Safety Standards. The testing criteria include all metal pole street lights, traffic signals, and pedestrian crosswalk signals located on publicly accessible thoroughfares. The large majority of street lights in O&R's service area are mounted on wooden poles, and do not require stray voltage testing because their electrically conductive surfaces are not accessible to the public. All stray voltage testing of street lights is performed at night while the fixtures are energized. All Company-owned streetlights are included in the facility inspection program.

Substation Fences and Transmission Structures – There are 65 substation fences and 6,603 individual poles/towers that comprise O&R's transmission overhead system. The testing criteria comprises of all structures, guys, and down leads attached to the structures. Transmission structures support circuit voltages of 34.5 kilovolts and greater. Transmission poles as described above, with distribution under build, are included in this transmission category. All transmission structures are included in both the stray voltage and facility inspection programs.

VI. Annual Performance Targets

O&R performed the required stray voltage testing and facilities inspections in accordance with the requirements set forth in the Safety Standards.

In compliance with the Safety Standards, O&R has met the annual performance target for stray voltage testing of 100% of its publically accessible electric facilities and street lights for the five-year period ending December 31, 2009.

In addition, in compliance with the Safety Standards, O&R has met the fifth-year performance target for inspection of 100% of its electric facilities for the period ending December 31, 2009.

The results are summarized in the table below.

Facility Inspection Program Results

Category	Safety Standards Requirement 2005 – 2009 Inspection Cycle	Actual Cumulative Inspected as of 2009*
Overhead Distribution	100%	139 %
Overhead Transmission	100%	100 %
Underground	100%	121 %
Pad-mounted Transformers	100%	133 %
Street lights and Traffic Signals	100%	100 %

**Note: O&R exceeded the Order inspection requirements with various structures. This was due to changes in the inspection program to enable implementation of a geographic inspection program for the 2010 – 2014 inspection cycles. O&R's union agreement directly impacts on union labor costs when contractors perform union work. Aligning the Stray Voltage Inspection Program with other contractor work, results in labor cost savings. All unique inspections have been identified in the charts and notes below.*

5-Year Inspection Performance Summary

133,443 Total Overhead Distribution Facilities

Inspection Year	Number of Overhead Distribution Structures Inspected	% of Overall System Inspected (Cumulative)
2005	46,869	35%
2006	57,266	78%
2007	27,796	99%
2008*	18,473	113%
2009*	34,903	139%

** Note: Due to changes in the inspection program, some poles inspected in previous years were re-inspected in 2008 and 2009.Of the 18,473 poles inspected in 2008 and 34,903 poles inspected in 2009, 1,512 were unique inspections.*

6,603 Total Overhead Transmission Facilities

Inspection Year	Number of Overhead Transmission Facilities Inspected	% of Overall System Inspected (Cumulative)
2005	3,675	55%
2006	3,673	55%
2007*	6,246	95%
2008*	6,789	100%
2009*	6,603	100%

**Note: O&R visually inspects its transmission system annually. Changes in voltage level classification increased the number of structures tested as transmission in 2007 – 2009. Of the 6,789 overhead transmission structures inspected in 2008, 186 structures are located in NJ and were reported in error as NY structures.*

13,553 Total Underground Facilities

Inspection Year	Number of Underground Facilities Inspected	% of Overall System Inspected (Cumulative)
2005	504	4%
2006	390	7%
2007	701	12%
2008	3,586	38%
2009*	11,258	121%

** Note: Due to changes in the inspection program, some underground facilities inspected in previous years were re-inspected in 2009. Of the 11,258 underground facilities inspected in 2009, 8,372 were unique inspections. The majority of the underground facilities inspected in 2009 were fiberglass hand holes.*

15,040 Total Pad-mount Transformers

Inspection Year	Number of Pad-mounted Transformers Inspected	% of Overall System Inspected (Cumulative)
2005	2,613	17%
2006	6,289	59%
2007	2,869	78%
2008	1,996	92%
2009*	6,240	133%

** Note: Due to changes in the inspection program, some pad-mount transformers inspected in previous years were re-inspected in 2009. Of the 6,240 pad mount transformers inspected in 2009, 1,273 were unique inspections.*

533 Total O&R Street Lights

Inspection Year	Number of Street Lights Inspected	% of Overall System Inspected (Cumulative)
2005	0	0%
2006	0	0%
2007	0	0%
2008	0	0%
2009*	533	100%

**Note: Of the 1,465 street lights, 932 are non-company owned structures and do not require inspection.*

VII. Certifications

Pursuant to Section 7 of the Safety Standards, the president or officer of each utility with direct responsibility for overseeing stray voltage testing and facility inspections shall provide an annual certification to the Commission that the utility has, to the best of his or her 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 February 15th Report, and

- Inspected the requisite number of electric facilities.

The certifications are attached as Exhibit 1of this report.

VIII. Analysis of Causes of Findings and Stray Voltage

All New York State utilities perform an inventory on all Findings and report on the number of these Findings each year. Section 1(f) of the Safety Standards defines a Finding as "[a]ny confirmed voltage reading on an electric facility or streetlight greater than or equal to 1 volt measured using a volt meter and 500 ohm shunt resistor." Section 1(c) defines Stray Voltage as "[v]oltage conditions on electric facilities that should not ordinarily exist. These conditions may be due to one or more factors, including, but not limited to, damaged cables, deteriorated, frayed, or missing insulation, improper maintenance, or improper installation."

The chart below describes all Findings ≥ 1.0 volt identified and mitigated.

Structure Type	*Cause of Stray Voltage*	*Stray Voltages Found*
Distribution Pole	Defective, inadequate, absent grounds and ground rods	23
Distribution Underground	Defective secondary cable	1
Streetlights	Defective service box wire	1

Of the 170,661 electrical structures that comprise O&R's T&D system, 125,099 stray voltage tests were performed as part of its stray voltage-testing program in its service territory for 2009.

Twenty-three voltage Findings were identified on its overhead distribution system, one voltage Finding on the underground system and one voltage Finding on a streetlight. All twenty-five Findings were mitigated. With such a small population of stray voltage cases, there are no major trends to analyze or root causes to address.

In accordance with the Safety Standards, when a Finding was discovered on an electric facility or streetlight during stray voltage testing, the Company stray voltage tested all publicly accessible structures and sidewalks within a minimum 30 foot radius of the electric facility or streetlight. Of the twenty-five Findings, seven near-by structures were identified and mitigated and all were associated with the initial Finding.

IX. Analysis of Inspection Results

Overhead Distribution Structures

Table of Locations with Deficiencies

Locations Inspected	Locations w/ Deficiencies	% Locations w/ Deficiencies
34,903	15,562*	45%

Breakdown of Deficiencies

Priority Rating	Number of Deficiencies	% Deficiencies Found
1	23	0.1%
2	617	4%
3	8,852	54%
4	6,995	42%
Total	16,487	100%

**Note: Multiple deficiencies were identified on the same structure at various locations. There were 16,487 deficiencies identified on 15,562 structures.*

Overhead Transmission Facilities

Table of Locations with Deficiencies

Locations Inspected	Locations w/ Deficiencies	% Locations w/ Deficiencies
6,603	3,133*	48%

Breakdown of Deficiencies

Priority Rating	Number of Deficiencies	% Deficiencies Found
1	3	0.06%
2	130	3%
3	4,271	92%
4	232	5%
Total	4,636	100%

**Note: Multiple deficiencies were identified on the same structure at various locations. There were 4,636 deficiencies identified on 3,133 structures.*

Underground Facilities

Table of Locations with Deficiencies

Locations Inspected	Locations w/ Deficiencies	% Locations w/ Deficiencies
11,258	1,152*	10%

Breakdown of Deficiencies

Priority Rating	Number of Deficiencies	% Deficiencies Found
1	21	2%
2	10	1%
3	1,143	97%
4	3	0.3%
Total	1,177	100%

**Note: Multiple deficiencies were identified on the same structure at various locations. There were 1,177 deficiencies identified on 1,152 structures.*

Pad-mount Transformers

Table of Locations with Deficiencies

Locations Inspected	Locations w/ Deficiencies	% Locations w/ Deficiencies
6,240	360	6%

Breakdown of Deficiencies

Priority Rating	Number of Deficiencies	% Deficiencies Found
1	143	40%
2	3	0.8%
3	205	57%
4	9	3%
Total	360	100%

Streetlights

Table of Locations with Deficiencies

Locations Inspected	Locations w/ Deficiencies	% Locations w/ Deficiencies
533	8	1.5%

Breakdown of Deficiencies

Priority Rating	Number of Deficiencies	% Deficiencies Found
1	0	0%
2	8	100%
3	0	0%
4	0	0%
Total	8	100%

In 2009, O&R visually inspected 59,537 structures, identifying 190 Priority 1 conditions. The 23 Priority 1 conditions identified on the overhead system were mainly primary conductors off pin insulators, service wire defects and defective poles. The 164 Priority 1 conditions identified on the underground system were primarily transformers dislocated from their base, units with corroded exteriors and damaged hand hole covers. The 3 Priority 1 conditions identified on the transmission system were defective operating equipment (switches). The small population of high priority conditions reflects O&R's successful and continuing evaluation and maintenance of its T&D systems through circuit reliability initiatives, the vegetation management program, and equipment maintenance programs. There are no major trends to analyze or root causes to address with such a small and diverse population of high priority conditions.

X. Quality Assurance and Quality Control

Utilizing the resources of O&R's Quality Assurance and Compliance Department, this department is responsible for the implementation of the Company's Electric Quality Assurance Program ("Electric QA Program"). In addition to assuring compliance with the requirements of the Safety Standards, the Company's Electric QA Program is designed to promote the health and safety of the public; provide for the reliable and economical operation for the Company's electric system; promote compliance with applicable electric codes and regulations; and ensure utilization of Company resources in an efficient manner.

The O&R Electric QA Program also includes a Corrective Action Documentation and Trending procedure.[1] The purpose of this procedure is to define the process by which Quality Assurance and Compliance maintains a corrective action database and trends discrepancies identified by the Electric QA Program. O&R personnel implementing the Electric QA Program are independent from the Electric Operations and Electric Engineering Groups and the Company personnel responsible for the implementation of the Stray Voltage Testing and Visual Inspection Programs.

Quality Assurance personnel ("QA") conducted a review of the Stray Voltage Testing and Visual Inspection Program (Program) from January 2009 to December 2009. QA performed stray voltage testing and visual inspection on a selective sample of Company and municipal streetlights, overhead and underground distribution facilities and transmission structures to ensure testing of equipment and the accuracy of data and records. QA conducted announced and unannounced field observations of field testers to verify that tests were performed on all required structures. QA found the testing and inspections effectively performed and producing results consistent with the Program's objectives.

2009 Quality Assurance and Quality Control Results

The Company's Quality Assurance Program ("QA Program") selectively sampled and retested 902 distribution and overhead transmission structures. This statistically significant sample size exceeds the 800 units required by the latest version of ANSI Z1.4 (MIL-STD-105D) for the determination of a normal sample size for a unit population of 150,001 to 500,000. The sample selection was distributed across the various structure types.

[1] Details on the O&R Electric QA Program and the Corrective Action Documentation were included with the Company's February 18, 2005 filing with the Commission in Case 04-M-0159.

902 Structures Sampled

Category	Number of Structures Sampled	Percentage of Sample Size
Overhead Distribution	350	39%
Underground Distribution	151	17%
Streetlights	308	34%
Substation Fences	18	2%
Overhead Transmission	75	8%
Total:	902	100%

Of the 902 structures selected, Quality Assurance identified no stray voltage conditions during retesting and the re-inspections verified the visual inspection results reported by the contractor.

XI. Other Pertinent Information

Reports from the Public

For 2009, O&R received 22 calls from customers reporting a stray voltage or shock hazard.

A total of 22 incidents were reported to O&R. Sixteen cases were substantiated and 6 incidents proved to be unsubstantiated. Of the 16 substantiated cases, 7 were attributable to O&R system equipment and 9 were due to third party equipment.

The causes of the 7 cases attributable to O&R system equipment were 1 corroded secondary connection on underground equipment, 3 defective service lines, 1 failed secondary overhead connection and 2 neutral to earth voltage conditions from transmission lines. The 9 cases attributable to third parties were 4 faulty customer–owned equipment/wiring, 4 damages caused by contractors, and 1 municipal streetlight with exposed wires at the base.

Of the 16 substantiated cases, 4 people sought medical attention. Two injuries were caused by customer-owned equipment, one injury by contractor error, and one injury was caused by a municipal street light.

Stray Voltage Initiatives

O&R has worked and communicated with the PSC Staff on issues attendant with the implementation of the Safety Standards. O&R continues to attend joint meetings with the other New York utilities and PSC staff to seek best practices, employ lessons learned, and ensure a high degree of consistency in the implementation of the Safety Standards requirements. O&R personnel also

attended the 2009 National Stray Voltage Conference conducted by Consolidated Edison Company of New York, Inc.

Electric Inspection Management System ("EIMS")

EIMS was developed collaboratively by O&R's Stray Voltage Program management and O&R's Information Technology Department, and is a data management tool designed to accept and retain all stray voltage program test, inspection and follow-up mitigation work. EIMS is foreseen as the central data management warehouse for all distribution inspection and maintenance programs. During 2009, additional enhancements were developed, bringing greater functionality to the data management system.

Appendix 1

Stray Voltage Testing Summary

Orange & Rockland Utilities, Inc. Data as of December 31, 2009	Total System Units Requiring Testing	Units Completed	Percent Completed	Units with Voltage Found (>= 1.0v)	Percent of Units Tested with Voltage (>= 1.0v)	Units Classified as Inaccessible*
Distribution Facilities	99,207	99,207	100.00%	23	0.023%	147
Underground Facilities	17,293	17,293	100.00%	1	0.006%	135
Street Lights / Traffic Signals	1,957	1,957	100.00%	1	0.051%	0
Substation Fences	65	65	100.00%	0	0.000%	0
Transmission	6,577	6,577	100.00%	0	0.000%	0
TOTAL	125,099	125,099	100.00%	25	0.020%	282

Note: Inaccessible structures are inaccessible to the public and include fenced-in facilities located on private property, facilities located on Company property, facilities located on dangerous grade and/or swamp areas, and vaults located inside buildings.

Appendix 2

Summary of Energized Objects

Orange & Rockland Utilities, Inc. Data as of December 31, 2009	Initial Readings				Readings after Mitigation		
	1V to 4.4V	4.5V to 24.9V	25V and Over	Totals	Less than 1 V	1V to 4.4V*	4.5 V and Over
Distribution Facilities	**20**	**1**	**2**	**23**	**18**	**5**	
Pole	1			1	1		
Ground	15	1		16	12	4	
Guy	4		2	6	5	1	
Riser							
Other							
Underground			**1**		**1**		
Hand hole / Pull box			1		1		
Manhole							
Padmount Switchgear							
Padmount Transformer							
Vault – Cover/Door							
Pedestal							
Other							
Street Lights / Traffic			**1**		**1**		
Metal Street Light Pole			1		1		
Traffic Signal Pole							
Control Box							
Pedestrian Crossing Pole							
Other - NOT LISTED							
Substation Fences							
Fence							
Other							
Transmission (69kV							
Lattice Tower							
Pole							
Ground							
Guy							
Other							
Miscellaneous							
Sidewalk							
Gate/Fence/Awning							
Control Box							
Scaffolding							
Bus Shelter							
Fire Hydrant							
Phone Booth							
Water Pipe							
Riser							
Other							

**Note: In all cases, 5 cases where voltages between 1.0V to 4.4V remain on the system, the surrounding area was extensively investigated for deficiencies, i.e., grounding, bonding, etc. Approximately 4 additional ground rods were installed at each location to eliminate ground resistance issues. After evaluating the information attained from our investigations, it was determined that the remaining low voltage conditions are inherent to the design of the system.*

Appendix 3

Summary of Shock Reports from the Public						
Orange & Rockland Utilities, Inc. Data as of December 31, 2009			Quarterly Update		Yearly Total	
I.	**Total shock calls received:**		**1**		**22**	
		Unsubstantiated			**6**	
		Normally Energized Equipment			**16**	
		Stray Voltage:	0			
		Person			**15**	
		Animal	1		**1**	
II.	**Injuries Sustained/Medical Attention Received**		**0**		**4**	
		Person			4	
		Animal				
III.	**Voltage Source:**		**1**		**16**	
		Utility Responsibility			**7**	
		Issue with primary, joint, or transformer				
		Secondary Joint (Crab)			1	
		SL Service Line	1		1	
		Abandoned SL Service Line				
		Defective service line				
		Abandoned service line				
		OH Secondary			1	
		OH Service			2	
		OH Service neutral				
		Pole				
		Riser			2	
		Other				
		Customer Responsibility			**8**	
		Contractor damage			4	
		Customer Equipment / Wiring			4	
		Other Utility / Gov't Agency Responsibility			**1**	
		SL Base Connection			1	
		SL Internal Wiring or Light Fixture				
		Overhead Equipment				
IV.	**Voltage Range:**		**0**		**16**	
		Unrecorded/Below 1V	1		13	
		1.0V to 4.4V			0	
		4.5V to 24.9V			1	
		25V and above			2	

Appendix 4

Distribution

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Poles															
Pole Condition															
Number of Deficiencies	**7**	**531**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	7														
Repaired - Overdue															
Not Repaired - Not Due		531	4												
Not Repaired - Overdue															
Grounding System															
Number of Deficiencies	**-**	**-**	**250**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame			1												
Repaired - Overdue															
Not Repaired - Not Due			249												
Not Repaired - Overdue															
Anchors/Guy Wire															
Number of Deficiencies	**-**	**7**	**7,795**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Poles															
Anchors/Guy Wire (Cont)															
Repaired in Time Frame		1	92												
Repaired - Overdue															
Not Repaired - Not Due		6	7,703												
Not Repaired - Overdue															
Cross Arm/Bracing															
Number of Deficiencies	**2**	**3**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	2	2													
Repaired - Overdue															
Not Repaired - Not Due		1	5												
Not Repaired - Overdue															
Riser															
Number of Deficiencies	**-**	**-**	**67**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			67												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Primary Wire/Broken Ties															
Number of Deficiencies	**4**	**4**	**259**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	4	2													
Repaired - Overdue															
Not Repaired - Not Due		2	259												
Not Repaired - Overdue															
Secondary Wire															
Number of Deficiencies	**6**	**-**	**42**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	6														
Repaired - Overdue															
Not Repaired - Not Due			42												
Not Repaired - Overdue															
Neutral															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Neutral (Cont)															
Not Repaired - Overdue															
Insulators															
Number of Deficiencies	**-**	**-**	**44**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			44												
Not Repaired - Overdue															
Pole Equipment															
Transformers															
Number of Deficiencies	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	1														
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Cutouts															
Number of Deficiencies	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Pole Equipment															
Cutouts (Cont)															
Not Repaired - Not Due		5													
Not Repaired - Overdue															
Lightning Arrestors															
Number of Deficiencies	**-**	**-**	**38**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			38												
Not Repaired - Overdue															
Other Equipment															
Number of Deficiencies	**-**	**-**	**270**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			270												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Miscellaneous															
Trimming Related															
Number of Deficiencies	**3**	**67**	**78**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	3														
Repaired - Overdue															
Not Repaired - Not Due		67	78												
Not Repaired - Overdue															
Other															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Distribution															
As of 12/31/09															
Overhead Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Overhead Facilities Total															
Total															
Number of Deficiencies	**23**	**617**	**8,852**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	23	5	93	-	-	-	-	-	-	-	-	-	-	-	-
Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Not Due	-	612	8,759	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Transmission

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Transmission															
As of 12/31/09															
Transmission Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Towers / Poles															
Steel Towers															
Number of Deficiencies	**-**	**-**	**64**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			64												
Not Repaired - Overdue															
Poles															
Number of Deficiencies	**-**	**98**	**3,248**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame		22	782												
Repaired - Overdue															
Not Repaired - Not Due		76	2,466												
Not Repaired - Overdue															
Anchors/Guy Wire															
Number of Deficiencies	**-**	**-**	**38**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Transmission															
As of 12/31/09															
Transmission Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Towers / Poles															
Anchors/Guy Wire (Cont)															
Not Repaired - Not Due			38												
Not Repaired - Overdue															
Crossarm/Brace															
Number of Deficiencies	**-**	**10**	**494**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame		2													
Repaired - Overdue															
Not Repaired - Not Due		8	494												
Not Repaired - Overdue															
Grounding System															
Number of Deficiencies	**-**	**8**	**22**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due		8	22												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Transmission															
As of 12/31/09															
Transmission Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Cable															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Static/Neutral															
Number of Deficiencies	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame		1													
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Insulators															
Number of Deficiencies	**-**	**3**	**31**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame		2													
Repaired - Overdue															
Not Repaired - Not Due		1	31												

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Transmission															
As of 12/31/09															
Transmission Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Insulators(Cont)															
Not Repaired - Overdue															
Miscellaneous															
Right of Way Condition															
Number of Deficiencies	**-**	**10**	**373**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame			12												
Repaired - Overdue															
Not Repaired - Not Due		10	361												
Not Repaired - Overdue															
Other															
Number of Deficiencies	**3**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	3														
Repaired - Overdue															
Not Repaired - Not Due			1												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.																
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Transmission																
As of 12/31/09																
Transmission Facilities		**2009**			**2010**			**2011**			**2012**			**2013**		
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	
Transmission Facilities Total																
Total																
Number of Deficiencies	**3**	**130**	**4,271**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	3	27	794	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Not Due	-	103	3,477	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Overdue	**-**	**-**	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-

Underground

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Underground															
As of 12/31/09															
Underground Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Underground Structures															
Damaged Cover															
Number of Deficiencies	**18**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	18	1													
Repaired - Overdue															
Not Repaired - Not Due		3													
Not Repaired - Overdue															
Damaged Structure															
Number of Deficiencies	**3**	**4**	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	3														
Repaired - Overdue															
Not Repaired - Not Due		4	11												
Not Repaired - Overdue															
Congested Structure															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Underground															
As of 12/31/09															
Underground Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Underground Structures															
Congested Structure (Cont)															
Not Repaired - Not Due															
Not Repaired - Overdue															
Damaged Equipment															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Conductors															
Primary Cable															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Underground															
As of 12/31/09															
Underground Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Secondary Cable															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Neutral Cable															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Racking Needed															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Underground															
As of 12/31/09															
Underground Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Conductors															
Racking Needed(Cont)															
Not Repaired - Overdue															
Miscellaneous															
Other															
Number of Deficiencies	**-**	**2**	**1,132**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due		2	1,132												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Underground															
As of 12/31/09															
Underground Facilities		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Underground Facilities Total															
Total															
Number of Deficiencies	**21**	**10**	**1,143**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	21	1	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Not Due	-	9	1,143	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
The majority of Other deficiencies are access issues.															

Pad Mount Transformers

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Pad Mount Transformers															
As of 12/31/09															
Pad Mount Transformers		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Pad Mount Transformers															
Damaged Structure															
Number of Deficiencies	**60**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	60														
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Damaged Equipment															
Number of Deficiencies	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	1														
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Cable Condition															
Number of Deficiencies	**-**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Pad Mount Transformers															
As of 12/31/09															
Pad Mount Transformers		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Pad Mount Transformers															
Cable Condition(Cont)															
Not Repaired - Not Due		3													
Not Repaired - Overdue															
Oil Leak															
Number of Deficiencies	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame	3														
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Off Pad															
Number of Deficiencies	**67**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame	67														
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Lock/Latch/Pen															
Number of Deficiencies	**12**	-	**14**	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame	12														
Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Pad Mount Transformers															
As of 12/31/09															
Pad Mount Transformers		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Pad Mount Transformers															
Lock/Latch Penta (Cont)															
Not Repaired - Not Due			14												
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Pad Mount Transformers															
As of 12/31/09															
Pad Mount Transformers		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Miscellaneous															
Other															
Number of Deficiencies	**-**	**-**	**191**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			191												
Not Repaired - Overdue															
Pad Mount Total															
Total															
Number of Deficiencies	**143**	**3**	**205**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Not Due	-	3	205	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
The majority of the Other deficiencies are access issues.															

Streetlights

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Streetlights															
As of 12/31/09															
Streetlights		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Streetlight															
Base/Light															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Handhole/Box															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Service Internal Wiring															
Number of Deficiencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															

Orange and Rockland Utilities, Inc.															
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Streetlights															
As of 12/31/09															
Streetlights		**2009**			**2010**			**2011**			**2012**			**2013**	
Priority Level	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**	**I**	**II**	**III**
Repair Expected	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**	**Within 1 week**	**Within 1 year**	**Within 3 years**
Streetlight															
Access Cover															
Number of Deficiencies	**-**	**-**	**8**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due			6												
Not Repaired - Overdue			2												
Miscellaneous															
Other															
Number of Deficiencies	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame															
Repaired - Overdue															
Not Repaired - Not Due															
Not Repaired - Overdue															
Streetlight Total															
Total															
Number of Deficiencies	**-**	**-**	**8**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired in Time Frame	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Repaired - Overdue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Not Due	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-
Not Repaired - Overdue	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-

Level IV Conditions

Orange and Rockland Utilities, Inc.										
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Level IV Conditions										
As of 12/31/09										
Level IV Conditions	**2009**		**2010**		**2011**		**2012**		**2013**	
	Number of Conditions Found	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**
Overhead Facilities										
Pole Condition	**6,995**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pole Condition	768	0								
Grounding System	2207									
Anchors/Guy Wire	4020									
Cross Arm/Bracing										
Riser										
Conductors	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Primary Wire/Broken Ties										
Secondary Wire										
Neutral										
Insulators										
Pole Equip	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transformers										
Cutouts										
Lightning Arrestors										
Other Equipment										
Miscellaneous	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Trimming Related										
Other										
Overhead Facilities Total	**6,995**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Transmission Facilities										
Towers/Poles	**214**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Steel Towers	144									
Poles	70									

Orange and Rockland Utilities, Inc.										
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Level IV Conditions										
As of 12/31/09										
Level IV Conditions	2009		2010		2011		2012		2013	
	Number of Conditions Found	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**
Transmission Facilities										
Towers/Poles (Cont)										
Grounding System										
Anchors/Guy Wire										
Crossarm/Brace										
Conductors	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cable										

Orange and Rockland Utilities, Inc.

Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Level IV Conditions

As of 12/31/09										
Level IV Conditions	**2009**	**2010**	**2011**	**2012**	**2013**					
	Number of Conditions Found	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**
Transmission Facilities										
Conductors (Cont)										
Static/Neutral										
Insulators										
Miscellaneous	**18**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Right of Way Condition										
Other	18	9								
Transmission Facilities Total	**232**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Underground Facilities										
Underground Structures	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Damaged Cover										
Damaged Structure	2									
Congested Structure										
Damaged Equipment										
Conductors	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Primary Cable										
Secondary Cable										
Neutral Cable										
Racking Needed										
Miscellaneous	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Other	1									
Underground Facilities Total	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Pad Mount Transformers										
Pad Mount Transformers	**9**	**0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Damaged Structure										
Damaged Equipment	9	0								
Damaged Cable										

Orange and Rockland Utilities, Inc.

Summary of Deficiencies and Repair Activity Resulting from the Inspection Process - Level IV Conditions

As of 12/31/09										
Level IV Conditions	**2009**	**2010**	**2011**	**2012**	**2013**					
	Number of Conditions Found	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**	**Number of Conditions Found**	**Number of Conditions Repaired**
Pad Mount Transformers										
Pad Mount Transformers(Cont)										
Oil Leak										
Off Pad										
Lock/Latch/Penta										
Miscellaneous	-	-	-	-	-	-	-	-	-	-
Other										
Pad Mount Transformer Total	**9**	-	-	-	-	-	-	-	-	-
Streetlights										
Streetlight	-	-	-	-	-	-	-	-	-	-
Base/Standard/Light										
Handhole/Service Box										
Service/Internal Wiring										
Access Cover										
Miscellaneous	-	-	-	-	-	-	-	-	-	-
Other										
Streetlight Total	-	-	-	-	-	-	-	-	-	-
Total Level IV Conditions										
Overall Total	**7,239**	**9**	-	-	-	-	-	-	-	-

Summary

Orange and Rockland Utilities, Inc.							
Summary of Deficiencies and Repair Activity Resulting from the Inspection Process							
As of 12/31/09							
Year	Priority Level / Repair Expected		Deficiencies Found (Total)	Repaired In Time Frame	Repaired - Overdue	Not Repaired - Not Due	Not Repaired - Overdue
2009	I	Within 1 week	190	190	-	-	-
	II	Within 1 year	760	33	-	727	-
	III	Within 3 years	14,479	887	-	13,590	2
	IV	N/A	7,239	9			
2010	I	Within 1 week	-	-	-	-	-
	II	Within 1 year	-	-	-	-	-
	III	Within 3 years	-	-	-	-	-
	IV	N/A	-	-			
2011	I	Within 1 week	-	-	-	-	-
	II	Within 1 year	-	-	-	-	-
	III	Within 3 years	-	-	-	-	-
	IV	N/A	-	-			
2012	I	Within 1 week	-	-	-	-	-
	II	Within 1 year	-	-	-	-	-
	III	Within 3 years	-	-	-	-	-
	IV	N/A	-	-			
2013	I	Within 1 week	-	-	-	-	-
	II	Within 1 year	-	-	-	-	-
	III	Within 3 years	-	-	-	-	-
	IV	N/A	-	-			

Appendix 5

Temporary Repair Exceptions

Reason > 90 Days	Count
Awaiting town	0
Awaiting telephone	0
Weather	0
*Other	6
Grand Total	6

**Note: Final data reconciliation identified six streetlights with temporary repairs that were not previously reported. Work orders have been assigned to perform the permanent repairs.*

Exhibit 1

CERTIFICATION
[STRAY VOLTAGE TESTING]

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

James W. Tarpey, on this 15th day of February 2010, certifies as follows:

1. I am the Vice President of Orange and Rockland , Inc. ("Orange and Rockland" or "the Company"), and in that capacity I make this Certification for the annual period ending December 31st, 2009 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, July 21, 2005, and December 15, 2008 in Case 04-M-0159 (collectively 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 streetlights located in public thoroughfares in the Company's service territory ("Streetlights"), 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 ending December 31st, 2009 (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, the Company is unaware of any Facilities or Streetlights 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 Streetlights 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 Streetlights were known to exist or reasonably expected to be found.

James W. Tarpey

Sworn to before me this 15th day of February, 2010

Notary Public:

JoAnn E. Dagele

JOANN E. DAGELE
Notary Public, State of New York
No. 01[illegible]
Qualified in Orange County
Commission Expires 4/20/ 2010

CERTIFICATION
[FACILITY INSPECTIONS]

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

James W. Tarpey, on this 15th day of February 2010, certifies as follows:

1. I am the Vice President of Orange and Rockland , Inc. ("Orange and Rockland" or "the Company"), and in that capacity I make this Certification for the annual period ending December 31st, 2009 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, July 21, 2005, and December 15, 2008 in Case 04-M-0159 (collectively 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 ending December 31st, 2009 (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 approximately 20 % of its Facilities during calendar year 2009, in order to comply with the five-year inspection cycle required under the Orders. I further certify that, to the best of my knowledge, information and belief, the Company has inspected 100% of its Facilities for the five-year period ending December 31, 2009.

James W. Tarpey

Sworn to before me this 15th day of February, 2010

Notary Public: JoAnn E. Dagele

JOANN E. DAGELE
Notary Public, State of New York
No. 01DA6005650
Qualified in Orange County
Commission Expires 4/20/ 2010