
# 2013
# STORM IMPLEMENTATION PLAN
# &
# ANNUAL RELIABILITY PERFORMANCE REPORTS

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## EXECUTIVE SUMMARY

### A) Initiative 1: Four-year Vegetation Management

Tampa Electric's Vegetation Management Program incorporates a balanced approach to electrical safety and reliability while adhering to the American National Standards Institute ("ANSI") A300 pruning standards. The company manages approximately 6,300 miles of distribution and 1,300 miles of transmission lines over five counties within Florida. Tampa Electric's current vegetation management plan calls for trimming its distribution system on a four-year cycle approved by the Commission in Docket No. 120038-EI, Order PSC-12-0303-PAA-EI, issued June 12, 2012. The plan incorporates the flexibility to change circuit prioritization utilizing the company's reliability based methodology.

### B) Initiative 2: Joint Use Pole Attachments Audit

In 2013, Tampa Electric conducted comprehensive loading analyses and continued to streamline processes to better manage attachment requests from attaching entities. A comprehensive loading analysis is being performed on 1,920 poles and all poles determined to be overloaded will be corrected. For 2014, Tampa Electric will continue conducting comprehensive load analyses where necessary. In the fourth quarter of 2013 Tampa Electric initiated a system wide pole attachment audit and has audited one-third of its poles. The pole attachment audit is set for completion by June 2014. In addition, Tampa Electric performed an internal audit of the Joint Use Department and the department was found to be operating in compliance.

**C) Initiative 3: Transmission Structure Inspection Program**

The Tampa Electric transmission system inspection program is a multi-pronged approach that identifies potential transmission system issues. The remainder of the 2012 above ground inspections were completed in 2013, as well as a portion of the 2013 inspections. The remainder of the 2013 inspections will be spread across the remaining four years of the six year cycle, increasing the annual inspections from 17 to 19 percent of the transmission system. The aerial infrared inspections and ground patrol inspections were completed as scheduled. For 2014, the aerial infrared inspections and ground patrol are scheduled to meet program requirements. Since the first ground line inspection cycle was completed ahead of schedule in 2012, they were omitted from the 2013 inspection schedule. The second cycle of ground line inspections will begin in 2014.

**D) Initiative 4: Hardening of Existing Transmission Structures**

Tampa Electric is hardening the existing transmission system in a prudent, cost-effective manner utilizing its inspection and maintenance program to systematically replace wood structures with non-wood structures. In 2013, Tampa Electric hardened 1,093 structures that included 866 pole replacements utilizing steel or concrete poles and 227 sets of insulators replaced with polymer insulators.

Additionally, as part of the LiDAR surveying (in response to NERC's October 7, 2010 alert) Tampa Electric performed corrective procedures by reconfiguring and hardening 88 structures consisting of 43 pole replacements and 29 sets of insulators. In addition to the structures that were replaced or reconfigured, 16 new poles were installed. With the

installation of the new poles, span lengths were shortened between the existing poles thus reducing the wind loading on the structures.

Combining the totals from both programs Tampa Electric hardened 1,181 structures including 925 structure replacements and 256 sets of insulators.

For 2014, Tampa Electric's goal is to harden 805 transmission structures as part of the pole inspection and maintenance program. The company is also scheduled to review 26 circuits and perform corrective procedures on the structures as needed.

### E) Initiative 5: Geographic Information System

Tampa Electric's Geographic Information System ("GIS") continues to serve as the foundational database for all transmission, substation and distribution facilities. Development and improvement of the GIS continues. In 2013, an enhancement to GIS was implemented that expanded the use of Tampa Electric's legacy grid numbering system for facilities in the field. In 2013, a major upgrade of the system began, which will include updating the computing hardware running the system, updating the software version to the most current available and updating the database to the most current available. The upgrade is scheduled to be implemented in the first half of 2014.

### F) Initiative 6: Post-Storm Data Collection

Tampa Electric's process for post storm forensic data collection and analysis has been in place for approximately six years. The company has continued its relationship with its outside contractors to perform the multiple components of the plan that include the establishment of a field asset database, forensic measurement protocol, integration of forensics activity

with overall system restoration, forensics data sampling and reporting format. Should a storm impact Tampa Electric's service area, the overall process will facilitate post-storm data collection and analysis that will be used to determine the root cause of damage occurring to the company's distribution system. As Tampa Electric's GIS continues to evolve, the forensics process will leverage that system through implementation of damage assessment.

### G) Initiative 7: Outage Data - Overhead and Underground Systems

Tampa Electric was not impacted by any storms in 2013. Should a major weather event occur in 2014, the company believes it has an established process in place for collecting post-storm data and forensic analysis. The company also has appropriate measures in place to manage outage performance data for both overhead and underground systems.

### H) Initiative 8: Increase Coordination with Local Governments

In 2013, Tampa Electric's communication efforts focused on maintaining vital governmental contacts and continued participation on standing disaster recovery planning committees. Tampa Electric continued to participate in several Hillsborough County led initiatives, focusing on joint efforts to identify temporary housing, rebuilding infrastructure and reviving the area's economy in the aftermath of a disaster. In addition, Tampa Electric played a key role in a new strategic task force, the Hillsborough County Vulnerable Population Task Force, which has the goal of improving emergency response to vulnerable populations. Prior to the 2013 hurricane season, Tampa Electric also participated in joint mock exercises with Hillsborough County and City of Tampa Emergency Management personnel.

## I) Initiative 9: Collaborative Research

Tampa Electric is participating in a collaborative research effort with the state's other investor-owned electric utilities and several municipals and cooperatives to further the development of storm resilient electric utility infrastructure and technologies that reduce storm restoration costs and outages to customers. This research is being facilitated by the Public Utility Research Center ("PURC") at the University of Florida. A steering committee comprised of one member from each of the participating utilities is providing the direction for research initiatives.

## J) Initiative 10: Disaster Preparedness and Recovery Plan

TECO Energy and Tampa Electric Emergency Management plans address all hazards, including extreme weather events. In 2013, TECO Energy implemented a new TECO Policy for Emergency Management and Business Continuity which delineates the responsibility at employee, company and community levels. TECO Energy companies continued to participate in internal and external preparedness exercises, collaborating with government emergency management agencies, at local, State and Federal levels.

Specifically, 2013 preparedness included in-depth coordination with local, state and federal emergency management in the following areas:

- Hillsborough County Threat, Hazard, Identification Risk Assessment
- Continued to contribute to the Hillsborough County Post Disaster Redevelopment Plan ("PDRP") update; helping to

align PDRP recovery support functions and emergency support functions

- Continued as a major contributor to the Florida Reliability Coordination Council committee on Crisis Response plan; plan development and ICS organization
- Supporting the Florida Department of Emergency Management Business and Industry Summit
- Coordinating with Tampa Port Authority on preparedness measures
- Principal member of the National Fire Protection Association 1600 - Committee on Business Continuity, Emergency management and Disaster Recovery
- Oil Spill response exercises
- Leadership role in Local Mitigation Strategy Committee, Citizen Corp Council, and Vulnerable Population Task Force

For 2014, Tampa Electric will continue in a leadership role in county and national preparedness groups: Hillsborough County PDRP, Hillsborough County Local Mitigation Strategy Group, Tampa Bay Regional Planning Council-small business preparedness, Edison Electric Institute, and the National Fire Protection 1600 Committee on Emergency Management, Business Continuity and Disaster Recovery.

## K) Wood Pole Inspection Program

Tampa Electric's Ground-line Inspection Program for its distribution, lighting, and transmission poles is based on the requirements of the National Electrical Safety Code ("NESC") and is designed to inspect 12.5 percent or

one-eighth of the pole population each year. The company manages approximately 395,350 distribution and lighting poles and 25,700 transmission poles appropriate for inspection for a total pole population of approximately 421,050 over five counties within Florida. In 2013, Tampa Electric performed 49,362 pole inspections. For 2014, the company plans to inspect over 49,000 poles on its system.

## SECTION I - Storm Preparedness Plans

### A) Initiative 1: Four-Year Vegetation Management

#### 1) Program Overview

Tampa Electric's Vegetation Management Program provides a balanced approach to vegetation management and currently calls for a four-year tree trim cycle, which will improve the quality of line clearance while increasing system reliability related to system hardening activities. Tampa Electric began ramping up its vegetation management program at the end of 2005, with an emphasis on critical trimming needed in areas identified by the company's reliability based methodology. For 2013, the company trimmed approximately one-fourth of the system. Results for the year, on a system-wide basis as well as by specific region, are provided in various tables contained in Section D of the Appendix.

#### 2) Description of Vegetation Management Program

In 2013, Tampa Electric's Vegetation Management Program utilized nine full time company employees and approximately 140 contracted tree trim personnel to manage the company's distribution tree trimming requirements. The company's Vegetation Management Program utilizes the American National Standards Institute ("ANSI") A300 standards which are implemented through Tampa Electric's Transmission and Distribution Line Clearance Specification. This comprehensive document covers

specifications related to operations, notification guidelines, tree trimming and removal, chemical application, targeted completion dates, overtime, and non-compliance. In addition, Tampa Electric updated its Transmission Vegetation Management Program ("TVMP") to address the North American Electric Reliability Corporation FAC-003-1 standard. In 2014, the Florida Reliability Coordinating Council will complete an audit of Tampa Electric's compliance with FAC-003-1.

In 2013, Tampa Electric utilized approximately 24 contracted tree trim personnel to manage the company's transmission tree trimming requirements.

**3) Summary of Past and Future Activities**

During 2013, Tampa Electric's System Reliability and Line Clearance Departments utilized a third party vegetation management software application. Using this application, an analysis was completed which took into consideration multi-year circuit performance data, trim cycles, and cost. The analysis has resulted in the development of a multi-year vegetation management plan which optimizes activities from both a reliability based and cost-effective standpoint within the company's overall plan. For 2014, Tampa Electric will continue to review current reliability-based information and pertinent field and customer information along with its annual trimming plan, in order to maximize the overall effectiveness of its vegetation management program.

**4) Tree-related Terms and Definitions**

Tampa Electric defines a "hazard tree" as any tree that is dead, diseased, or damaged with the potential to impact the distribution or transmission

facilities. All reactive or "hot-spot" trimming is defined as any internal or external customer driven request for tree trimming. Therefore, all tree trim requests outside of full circuit trimming activities are categorized as hot-spot trims.

**5) Criteria Used to Select a Vegetation Management Response**

Tampa Electric's Line Clearance and Inspection right-of-way supervisors, in conjunction with a contracted tree trim general foreman, evaluate whether or not to remove a tree, hot-spot trim, or execute full circuit trimming based on several variables. These variables include the date the circuit was last trimmed, circuit reliability data, and visual inspection of the circuit. Specific to tree removal, if the trunk of the tree is growing underneath or nearly underneath the electrical conductor and cannot be trimmed in accordance with the ANSI A300 standard, the tree is removed. On occasion, Tampa Electric has replaced a tree with a more suitable tree at Tampa Electric's expense. The company promotes the Right Tree, Right Place Program, whereby customers are encouraged to plant trees that will not interfere with electrical facilities. Tampa Electric operates and maintains a customer information web site which allows any customer to review the recommended set back distances for planting from electrical facilities.

**6) Vegetation Management Practices - Utility Easements and Rights-of-Way**

Tampa Electric's tree clearing practices within and outside utility easements and rights-of-way utilize a variety of methods to determine the corrective actions to be taken on a case-by-case basis. On private properties, where tree and/or brush removal is required to complete the maintenance activity, the contractor or company representative is required to make every

reasonable effort to secure permission of property owners prior to removing and/or chemically treating any trees or brush.

Tampa Electric's tree trimming practices, for trees that abut or intrude into easements and authorized rights-of-way, also utilize a variety of methods to determine corrective actions to be taken on a case-by-case basis. Specific to trees that intrude into easements and authorized rights-of-way, the contractor is required to make every reasonable effort to secure permission to trim these trees.

**7) Relevant Utility Tariffs**

Tampa Electric is not limited in terms of tariff language pertaining to vegetation management within easements and rights-of-way.

**8) Company Practices Regarding Trimming Requests**

Most external based requests for tree trimming are routed to representatives in the company's Customer Service - One Source Department for input into the work order management system. Work orders are received by line clearance personnel or assigned to tree trim contractors for a field inspection. Once the field review is complete, proper action is taken to satisfy the customer request. These actions include communicating directly with the customer on-site or leaving a door hanger with detailed tree trimming information. In 2013, approximately 71 percent of all customer driven tree trim requests resulted in some form of tree trimming. The balance of the requests did not require immediate action or they impacted other utilities.

**9) 2014 Projected Activities**

For 2014, Tampa Electric has 144 dedicated distribution tree trim personnel throughout its seven service areas. These dedicated resources are broken out into two categories: proactive and reactive tree trim crews. The proactive tree trim crews are utilized for circuit tree trimming activities and consist of 124 personnel. The reactive tree trim crews consist of 20 personnel and are employed for hot spot trims, customer requested work, and work orders associated with circuit improvement process.

**10) Local Community Participation**

Tampa Electric has increased its efforts toward effective vegetation management as part of a coordinated plan with local governments and communities. The relationship between tree conservation and appropriate utility line clearance preservation is a delicate balance. Tampa Electric, in conjunction with its local government and community partners, has developed tree-planting guides, which minimizes company trim activities. Moreover, Tampa Electric's Line Clearance Department holds periodic meetings with local governments and communities related to vegetation management.

During the fourth quarter 2013, Tampa Electric submitted its renewal application to the National Arbor Day Foundation's Tree Line USA Program and received endorsement in the first quarter 2014. This is the sixth consecutive year Tampa Electric has received the National Arbor Day Foundation's Tree Line USA Program designation.

Tampa Electric participated in several Arbor Day events. More than 200 trees and plants were installed by way of joint tree plantings with Tinker Elementary, MacDill AFB, City of Tampa, and City of Temple Terrace.

Another 200 tree seedlings were donated to local municipalities to promote Tampa Electric's Right Tree, Right Place Program. Tampa Electric also participated in the City of Tampa's Urban Forest Sustainability Steering Committee as well as the Hillsborough County Tree and Landscape Advisory Committee.

**11) Hazard Tree Program and Related Information**

Data collection related to hazard tree and "top for removal" program was incorporated into Tampa Electric's work order management system effective January 2007 to enhance future reporting capabilities. During 2013, Tampa Electric evaluated 159 potential hazard trees and "top for removal," resulting in the trees either being removed or trimmed.

**12) Comparison with a Three-Year Program**

Tampa Electric's Vegetation Management Program continued its transition from a three-year program to a four-year program in 2013. At this time, the comparison data found in Docket No. 120038-EI, Order No. PSC-12-0303-PAA-EI, issued June 12, 2012 remains applicable.

**13) Conclusion**

Tampa Electric has set forth an aggressive program to effectively operate and manage its overall Vegetation Management Program. Tampa Electric has continued to enhance the level of communication and coordination with local governments and communities. In 2013, Tampa Electric trimmed approximately one-fourth of its system. For 2014, the company will continue to operate in agreement with its four-year program.

## B) Initiative 2: Joint Use Pole Attachments Audit

### 1) Overview

In 2013, Tampa Electric's Joint Use Department continued to streamline processes in order to better manage attachment requests from attaching entities. A comprehensive pole loading analysis on all poles with joint use attachments that failed an initial load screening is being performed on 1,920 poles. In addition, Tampa Electric started a system wide pole attachment audit that is set for completion by June 2014. The company performed an internal audit of the Joint Use department in 2012 and the department was found to be operating in compliance in 2013.

### 2) Joint Use Agreements

There is an opportunity for unknown foreign attachments to exist on facilities and thereby place additional loading on the facility which may, in fact, create an overload situation. To help mitigate potential overload situations, all Tampa Electric joint use agreements have provisions that allow for periodic inspections and/or audits of all joint use attachments to Tampa Electric facilities. In addition, all agreements have provisions that require the attaching party to build and maintain attachments within NESC guidelines or Tampa Electric specifications, whichever are more stringent. All of Tampa Electric's existing joint use agreements require attaching parties to receive authorization from the company prior to attaching any cable to its facilities. During 2013, Tampa Electric reviewed all known attachment records and verified that the company has joint use agreements with all attaching entities. Tampa Electric has a total of 31 joint use agreements with attaching entities.

### 3) Tampa Electric's Joint Use Department

The Joint Use Department streamlined processes to better manage attachment requests from attaching entities. The best way to mitigate storm related issues on poles with joint use attachments is to ensure the poles are not overloaded and meet the requirements of the NESC or Tampa Electric Standards, whichever is more stringent. All joint use agreements require attaching entities to apply for and gain permission to make attachments to Tampa Electric's poles. Tampa Electric implemented a process for receiving, reviewing and authorizing pole attachment applications in 2001. The company also made improvements in its notification processes through the National Joint Utilities Notification System. Tampa Electric's permit application process requires a thorough review of the application, an engineering assessment of every pole where attachments are being proposed which includes comprehensive loading analysis and compliance with NESC or Tampa Electric's construction standards, the completion of any necessary construction to ensure poles are ready for attachments, Tampa Electric's permission to attach to the poles requested and a post inspection and authorization of the attachments that have been placed in the field.

During 2013, the Joint Use Department processed 19 pole attachment applications for 193 poles. As a result, the company identified 33 distribution poles that were overloaded due to joint use attachments and no poles were overloaded due to Tampa Electric's attachments. Out of the 193 poles that were assessed through the pole attachment application process and the comprehensive loading analysis, there were 34 poles that had NESC violations due to joint use attachments and 24 poles with NESC violations due to Tampa Electric attachments. All poles with NESC

violations were either corrected by adjustments to attachments, pole replacements or joint use entities' removal of the attachments in violation.

One area of concern has been the practice of over-lashed attachments (i.e., attaching to an existing attachment) being added to Tampa Electric's poles without prior engineering and authorization. In 2013, effort was made by third party "attachers" to notify Tampa Electric of poles planned for over-lashing. This is in alignment with the 2010 stipulation agreement, which continues in force today; between Tampa Electric and its attaching entities whereby the attaching entities agreed to submit notification of all proposed over-lashed attachments.

**4) Initiatives that Align with Tampa Electric's Pole Inspection Program**

In 2008, two initiatives associated with Tampa Electric's pole inspection program were implemented. These initiatives are the Comprehensive Loading Analysis and the Pole Attachment Audit. For 2013, poles were screened during the pole inspection program to identify those potentially overloaded. The poles screened included those with joint users attached. A comprehensive loading analysis will be performed by the engineering department to determine if overloading exists. If any pole is found overloaded, the engineering department will design and create a work request to make the necessary correction. Corrective actions to be taken include pole replacement, guying, or the pole could be upgraded to the appropriate strength level by installing an E-T Truss.

In the fourth quarter of 2013 Tampa Electric started a system wide pole attachment audit. The pole attachment audit is set to be completed by June 2014. The main benefit of performing the audit is the identification of unauthorized attachments. This allows Tampa Electric to perform the

engineering and loading analysis on these poles to ensure that all loading requirements are met.

**5) Conclusion:**

In 2013, Tampa Electric's Joint Use Department continued improving the processes necessary for attaching entities to attach to its poles as well as the Comprehensive Loading Analysis initiatives and initiated a Pole Attachment Audit.

## C) Initiative 3: Six-Year Inspection Cycle for Transmission Structures

**1) Overview**

The Tampa Electric Transmission System Inspection Program identifies potential system issues along the entire transmission circuit by analyzing the structural conditions at the ground line and above ground as well as the conductor spans. The inspection program is a multi-pronged approach with inspection cycles of one, six or eight years depending on the goals or requirements of the individual inspection activity. Formal inspection activities included in the program are ground line inspection, ground patrol, aerial infrared patrol, above ground inspection and substation inspections. Typically, the ground patrol, aerial infrared patrol and substation inspections are performed on one-year cycles. The above ground inspection is performed on a six-year cycle and the ground line inspection is performed on an eight-year cycle. Additionally, pre-climb inspections are performed prior to commencing work on any structure.

The 2014 budget for the ground line inspection, aerial infrared patrol, ground patrol, and above ground inspection is $848,900.

**2) Ground Line Inspection**

Tampa Electric has implemented a ground line inspection program that complies with the Commission's order requiring ground line inspection of wooden transmission structures. In addition, Tampa Electric included provisions in the ground line inspection program to identify deficiencies with non-wood structures. Ground line inspections are performed on an eight-year cycle. At a minimum, each year approximately 12.5 percent of all transmission structures are scheduled for inspection.

Since the eight-year cycle for ground line inspections was completed ahead of schedule in 2012, no ground line inspections were performed in 2013.

The second cycle of ground line inspections will begin in 2014 and 3,216 transmission poles are scheduled to be inspected with a budget of $116,300. This represents approximately 12.5 percent of the company's transmission system.

**3) Ground Patrol**

The ground patrol is a visual inspection for deficiencies with poles, insulators, switches, conductors, static wire and grounding provisions, cross arms, guying, hardware and encroachment.

In 2013, all 230 kV, 138 kV and 69 kV circuits were patrolled by ground at least once. The cost for the 2013 ground patrol was $229,800.

For 2014, ground patrol is planned for all transmission circuits. All 230 kV, 138 kV and all critical 69 kV circuits will be ground patrolled prior to the peak of hurricane season with the remaining transmission circuits being

completed by the end of 2014. Transmission circuits are typically scheduled to be patrolled by level of criticalness, with the most critical circuits patrolled first. The budget for the ground patrol inspections is $326,700.

**4) Aerial Infrared Patrol**

The aerial infrared patrol is typically performed on the entire transmission system. It is performed by helicopter with a contractor specializing in thermographic power line inspections and a company employee serving as navigator and observer. This inspection identifies areas of concern that are not readily identifiable by normal visual methods as well as splices and other connections that are heating abnormally and may result in premature failure of the component. This inspection also identifies system deficiencies such as broken cross arms and visibly damaged poles. Since many of these structures are on limited access rights-of-way, this aerial inspection provides a frequent review of the entire transmission system and helps identify potential reliability issues in a timely manner.

In 2013, the infrared patrol was performed on 100 percent of the transmission circuits. The cost for the 2013 aerial infrared patrols was $75,800.

For 2014, Aerial Infrared patrol is planned for all transmission circuits at a cost of $77,000.

**5) Above Ground Inspection**

Above ground inspections are performed on transmission structures on a six-year cycle; therefore, each year approximately 17 percent or one-sixth of transmission structures are inspected. This inspection is performed by a

contractor specializing in above ground power pole inspection and may be performed by climbers, bucket truck or helicopter. The above ground inspection is a comprehensive inspection that includes assessment of poles, insulators, switches, conductors, static wire, grounding provisions, cross arms, guying, hardware, and encroachment issues. This program provides a detailed review of the above ground condition of the structure.

In 2013, above ground inspections were performed on 5,199 structures, or approximately 20 percent of the system, comprising 39 circuits. The cost for the 2013 above ground inspection was $268,200.

Of the 20 percent inspected, 13 percent of the structures inspected were carryover inspections from 2012, with the remaining seven percent related to the scheduled 2013 inspections. At the end of 2013 Tampa Electric is approximately nine percent behind the cumulative above ground inspection cycle total. The plan is to spread this difference across the remaining four years left in the six year inspection cycle, raising the annual scheduled inspection percentage from 17 to 19 percent of the total transmission system.

For 2014, above ground inspections are planned for 5,100 transmission structures with a budget of $ 344,000. This represents about 19 percent of the company's transmission system.

**6) Substation Inspections**

Substation inspections consist at a minimum of an annual inspection of all transmission substations as well as dissolved gas analyses. These inspections identify equipment deficiencies and the information is entered

into a maintenance database. The database is reviewed by management for prioritization and facilitation of the remediation process across Tampa Electric's system.

In 2013, substation inspections were performed on all transmission substations.

For 2014, substation inspections are planned on all transmission substations.

**7) Pre-Climb Inspections**

While not a part of the formal inspection program outlined above, Tampa Electric construction crews are required to inspect poles prior to climbing. As part of these inspections, the employee is required to visually inspect each pole prior to climbing and sound each pole with a hammer if deemed necessary. These pre-climbing inspections provide an additional integrity check of poles prior to the employee ascending the pole and may also result in the identification of any structural deterioration issues.

**8) Reporting**

Standardized reports are provided for each of the formal inspections. Deficiencies identified during the inspections are entered into a database.

This maintenance database is used to prioritize and manage required remediation. Deficiencies identified during the pre-climb inspections are assessed by the on-site crew and reported to supervisory personnel for determination of corrective action.

## D) Initiative 4: Storm Hardening Activities for Transmission Structures

### 1) Overview

Tampa Electric is hardening the existing transmission system in a prudent, cost-effective manner utilizing its inspection and maintenance program. This plan includes the systematic replacement of wood transmission structures with non-wood structures during the company's annual maintenance of the transmission system. Additionally, the company will utilize non-wood structures for all new transmission line construction projects as well as system rebuilds and line relocations. The company is also actively replacing insulators that have deteriorated over time with new polymer insulators.

### 2) 2013 Activity

In 2013, Tampa Electric hardened 1,093 structures at a cost of $13.2 million. This included 866 pole replacements with steel or concrete poles and 227 sets of insulators replaced with polymer insulators.

Additionally, as part of the LiDAR surveying (in response to NERC's October 7, 2010 alert) Tampa Electric performed corrective procedures by reconfiguring and hardening 88 structures. This consisted of 43 pole replacements and 29 sets of insulators. In addition to the structures that were replaced or reconfigured, 16 new poles were installed. With the installation of the new poles, span lengths were shortened between the existing poles thus reducing the wind loading on the structures. The 2013 LiDAR corrective procedures were completed at a cost of $ 2.4 million.

### 3) 2014 Activity

For 2014, Tampa Electric plans to harden 805 transmission structures as a part of the pole inspection and maintenance program with a budget of $12.2 million. This includes 705 structure replacements with steel or concrete poles and 100 sets of insulators replaced with polymer insulators.

Tampa Electric also plans to review 26 circuits as a part of the LiDAR corrective maintenance program with a budget of $3 million.

## E) Initiative 5: Geographic Information System

### 1) Overview

GIS is fully integrated into Tampa Electric's process as the foundational database for all transmission, substation and distribution facilities. All new computing technology requests are evaluated with an emphasis on full integration with GIS. Development and improvement of the GIS for users continues. In 2013, a major upgrade of the system began and will include updating the computing hardware running the system, updating the software version to the most current available and updating the database to the most current available. The upgrade is scheduled to be implemented in the first half of 2014.

Technology that may be implemented to ensure compliance with FAC 003-2 is being evaluated based on how much integration into GIS is possible. All initiatives are evaluated with the goal to eliminate redundant, exclusive and difficult to update databases, further cementing GIS as the foundational database for Tampa Electric.

In 2013, an enhancement to GIS was implemented that expanded the use of Tampa Electric's legacy grid numbering system for facilities in the field. The original GIS vendor was engaged to perform this project.

Beginning in the fourth quarter of 2012, work began on a major upgrade of the GIS. The work in 2012 consisted of reviewing, analyzing and assessing the current system. The original GIS vendor was engaged to provide Tampa Electric with an assessment of the current GIS and environment and to assist in the overall upgrade.

An ongoing activity is the improvement of the functionality of the GIS. User improvement requests are forwarded to the GIS User's Group, which meets regularly to review, evaluate and recommend enhancements for implementation.

**2) Conclusion**

Tampa Electric has fully integrated GIS into its business processes. All technology requests are evaluated with a goal of full integration into GIS. Development and improvement of the GIS for users continues. In the first half of 2014, a major upgrade of the system is scheduled to be implemented.

## F) Initiative 6: Post-Storm Data Collection

**1) Establishment of a Forensics Team**

Tampa Electric has continued its relationship with its outside consultant to perform the post-storm forensic analysis. Its purpose is to determine the root cause of storm damage after a major storm.

**2) Establishment of Forensics Measurements**

The consultant used the company's existing data sources and built a database of distribution and structures and facilities on a geographic basis (service areas). It was the responsibility of the consultant to collect the data, catalog and produce the database prior to Tampa Electric's 2007 storm season. This was needed to have a complete understanding of the total facilities exposed to storm conditions in a given area in order to effectively analyze the extent of damage.

Pole damage compared to damage on other overhead components, such as conductors and equipment, generally have the biggest impacts on the system reliability, restoration and resource allocation. Therefore, Tampa Electric's forensic analysis will look at pole damage during storm events. Pole damage during hurricanes can be categorized into two major categories: pole leaning and pole breaking. Recommendations on pole setting depth in different soil types will be provided, if needed.

Contributing factors to pole breakages during hurricanes can include trees, debris, presence of deterioration and wind. Although these factors may seem independent, they will result in additional stress on poles causing breakage to occur. Therefore, the impacts of these external factors will be examined and analyzed. Meanwhile, internal factors such as pole material (e.g., concrete, wood, metal), pole height/class, framing types, conductors, attachments and equipment will also be considered to determine the current pole loading profile. The company's consultant will take both external and internal factors into account and evaluate pole loading in both normal conditions (based on design criteria) and hurricane conditions.

Breakage rates (defined as the proportion of pole breakages to the total pole population) as opposed to absolute breakage counts will be considered in forensic analysis. Breakage rate analysis will be applied to every category of pole structures. Categories of pole structures are classified by each pole structure's unique combination of features including pole height/class, framing type, conductors, attachments and equipment and presence of deterioration, etc. Each category of pole structure will be studied in each wind region (region that has unique range of wind speed) to determine the breakage rate in each region.

**3) Establishment of Forensics Database Format**

In 2007, Tampa Electric and its consultant established a database of the company's distribution assets that will be used for post-storm forensic analysis. Tampa Electric provided initial raw data to the consultant for construction of the pole database.

The pole database includes such information as pole size, average age, pole population by type of treatment, pole inspection and maintenance data such as last inspection or treatment, types of conductor, foreign utility attachment size and quantity, tree trimming cycles by area and a number of other important factors and variables used for forensic analysis.

The database was built from Tampa Electric's pole inventory, pole inspection records and joint use attachment records. To address additional infrastructure installed in the company's system since the raw data was collected, all data collected during the forensic analysis process will be cross checked against the database and any missing data will be added. This will allow for all data collected during a storm event to be evaluated.

**4) Forensics and Restoration Process Integration**

As a severe storm approaches, typically the consultant will be put on notice when Tampa Electric activates its Incident Command System. This will likely occur when the storm is within three days of landfall. The consultant is required to mobilize data gathering personnel and equipment no later than one day prior to landfall to be ready for data gathering as soon as it is safe after the storm passes. The decision to mobilize the consultant will be made by the company in conjunction with the decision to mobilize foreign crews for restoration work.

Prior to data collection, the consultant will work with Tampa Electric to determine the geographical areas to be patrolled for data collection. This will be done using storm path and wind strength information, flood/surge information, initial damage assessment reports and other relevant data. Scheduling of the data collection effort will be done in conjunction with the company's restoration effort.

The consultant will be responsible for patrolling a representative sample of the damaged areas of the electrical system following a major storm event and perform the data collection process. At a minimum, the following types of information will be collected:

- Pole/Structure – type of damage, size and type of pole, age (birth mark), and likely cause of damage
- Conductor – type of damage, conductor or joint use size and type, and likely cause of damage

- Equipment - type of damage, overhead or underground, size and type, and likely cause of damage
- Hardware - type of damage, size and type, and likely cause of damage

To collect post-storm field data, a data collection model will be used by field personnel doing the damage assessments. This data collection model will exist electronically for use on PC tablets in the field. The electronic spreadsheet will be based on the available information from the initial data inventory and the additional information required from field collection. The input form of an electronic collection tool will include many drop down selections based on all the possible alternatives found on Tampa Electric's system to facilitate easy data entry for field personnel and ensure consistent information for later analysis.

**5) Forensics Data Sampling Methodology**

Tampa Electric will work with the consultant to perform the initial assessment of the storm damage area to determine the data sample to be collected. This initial assessment will provide information on the size of the area(s) impacted by the storm and the level of damage in the area(s).

From the damage assessment and initial data inventory, the consultant will make a correlation between size of damage area and the number of facilities exposed to storm force winds. This analysis will then lead to an estimated sample size to be collected and also direct the areas in which samples should be collected. The consultant will use weather reports and wind data from throughout the storm area to analyze the wind forces Tampa Electric facilities encountered during the storm.

## 6) Reporting Format Used to Report Forensics Results

Following a storm event and the subsequent forensic analysis, Tampa Electric's consultant will provide a full report containing the data collected and resulting findings. The data collected will be an electronic database, Excel or Access format, with accompanying analyses, charts and diagrams.

Reporting for this project will include a detailed written report of findings, analyses, conclusions and recommendations for improvement in system performance. The report format will typically include the following sections:

- Summary of Findings
- Available Data
- Analysis and Findings
- Integral Analysis and Interpretation
- Conclusions

## 7) Conclusion

Tampa Electric has developed a process to gather the necessary data following a significant storm. This data will be used to determine the root cause of damage after a storm event. In 2013, $5,000 was spent using a contractor to improve the field data model. In 2014, depending upon the number of storm events, the company will incur costs based upon the category of storm and level of activation upon the forensic analysis contractor.

## G) Initiative 7: Outage Data - Overhead and Underground Systems

### 1) Overview

Tampa Electric was not impacted by any storms in 2013. Should a major weather event occur in 2014, the company believes it has an established process in place for collecting post-storm data and forensic analysis. The company also has appropriate measures in place to manage outage performance data for both overhead and underground systems.

## H) Initiative 8: Increase Coordination with Local Governments

The following is a summary of Tampa Electric's 2013 activities with local governments in support of ongoing programs, storm preparation and plans for 2014. This information is also represented in the matrix provided in the Appendix D.

### 1) Communication Efforts

Tampa Electric strives daily to maintain excellent communications with the local governments within its service territory. These communications are carried out by specifically assigned personnel from its Community Relations Department and TECO Emergency Management to each of the local governments served. These Tampa Electric representatives engage in ongoing discussions with local officials regarding critical issues such as storm restoration, underground conversions and vegetation management. Tampa Electric is committed to improving these relationships even further and will increase coordination in a number of key areas.

In 2013, Tampa Electric's communication efforts focused on working with local governments in preparing for emergency situations. Tampa Electric

was invited to participate in several local government drills, as well as partnering in preparations for the International Indian Film Academy Awards in Tampa. Other communication topics in 2013 included updating governmental officials of the company's transmission line inspections, structural upgrades, and in new Federal NERC/FERC line clearance regulation changes.

Community focused communications for 2013 included hurricane season news releases at the beginning of hurricane season to all the major media outlets in the service area. All releases were also posted on Tampa Electric's web site. Hurricane guides were published in the major newspapers – the Tampa Tribune, Lakeland Ledger and Winter Haven News Chief.

**2) Storm Workshop and Training with Local Government**

For 2013, joint workshops and training with governmental officials and Tampa Electric included joint storm exercises with Hillsborough and Polk County's Emergency Management teams. Also, Tampa Electric participated with Hillsborough County in their Post Disaster Redevelopment Plan Project – involving both government and businesses who will have major roles in the areas recovery after a disaster. These committees cover topics such as temporary housing, economic recovery and infrastructure repair and replacement. In addition, the company played a key role in a new strategic task force that has the goal of improving emergency response to vulnerable populations.

**3) Emergency Operations Centers – Key Personnel Contact**

There were no full Emergency Operations Center ("EOC") activations in 2013, only a partial activation by Hillsborough County due to Tropical Storm Andrea. Tampa Electric continues to work with local governments to streamline the flow of information that is helpful to both the company's and local government's efforts to restore all services as quickly as possible. Prior to June 1 of each year, the company's Emergency Response Plan is reviewed and updated to ensure that company representatives to local EOCs are in place and trained in the event of EOC activation.

**4) Search and Rescue Teams – Assistance to Local Government**

There was no activity to report in 2013, but the company's Emergency Response Team was briefly activated in June as a result of Tropical Storm Andrea. Tampa Electric, however, maintained a staff of lineman and vehicles ready to assist local Fire Departments with Search and Rescue Activities if called upon. The team was ready to support in advance of Tropical Storm Andrea.

**5) Tree Ordinances, Planting Guides and Trim Procedures**

In 2013, Tampa Electric Line Clearance personnel communicated with municipal officials on several projects. Some of these projects included providing guidance to Plant City's Planning Board on changes to their landscaping ordinance, and covered issues including Right-of-Ways landscaping issues as well as assisting in the production of public information shows for radio and television.

In 2014, the company's Manager of Vegetation Management and Inspections will continue to work with Community Relations staff to offer

meetings with local government's Public Works supervisory staff on how Tampa Electric can best work with city staff in pre- and post-storm events and to better coordinate the company's tree trimming procedures with governmental ordinances.

**6) Underground Conversions**

In 2013, the Dana Shores Civic Association continued to work with Hillsborough County to create a Municipal Service Benefit Units Ordinance. The ordinance would allow for neighborhoods to set up self-elected taxing districts that would fund capital upgrade through annual ad valorem taxes. Employees of Tampa Electric attended several meetings with officers of the association, county officials, as well as regular association meetings to provide assistance. Estimates for the project have been presented jointly by the association's officers and Tampa Electric employees to the County Planning Commission Staff. Efforts are still underway with Hillsborough County to set up a special taxing district specifically for funding this project.

**7) Planned Activities in 2014**

Tampa Electric will continue to train its EOC representatives and designated search and rescue personnel. In 2014, Tampa Electric will continue to focus its government communications efforts to provide governmental officials with the company's Emergency Response contacts and review the company Emergency Response Plan. Tampa Electric will continue communicating storm preparedness information to customers through the annual media pre-hurricane season press release. For 2014, workshops and open dialogue among stakeholders are planned.

**I) Initiative 9: Collaborative Research**

**1) PURC Collaborative Research Report**

# Report on Collaborative Research for Hurricane Hardening

Provided by

The Public Utility Research Center
University of Florida

To the

Utility Sponsor Steering Committee

February 2014

## I. Introduction

The Florida Public Service Commission (FPSC) issued Order No. PSC-06-00351-PAA-EI on April 25, 2006 (Order 06-0351) directing each investor-owned electric utility (IOU) to establish a plan that increases collaborative research to further the development of storm resilient electric utility infrastructure and technologies that reduce storm restoration costs and outages to customers. This order directed IOUs to solicit participation from municipal electric utilities and rural electric cooperatives in addition to available educational and research organizations. As a means of accomplishing this task, the IOUs joined with the municipal electric utilities and rural electric cooperatives in the state (collectively referred to as the Project Sponsors) to

form a Steering Committee of representatives from each utility and entered into a Memorandum of Understanding (MOU) with the University of Florida's Public Utility Research Center (PURC). This MOU was recently extended by the Research Collaboration Partners through December 31, 2015.

PURC manages the work flow and communications, develops work plans, serves as a subject matter expert, conducts research, facilitates the hiring of experts, coordinates with research vendors, advises the Project Sponsors, and provides reports for Project activities. The collaborative research has focused on undergrounding, vegetation management, hurricane-wind speeds at granular levels, and improved materials for distribution facilities.

This report provides an update on the activities of the Steering Committee since the previous report dated February 2013.

## II. Undergrounding

The collaborative research on undergrounding has been focused on understanding the existing research on the economics and effects of hardening strategies, including undergrounding, so that informed decisions can be made about undergrounding policies and specific undergrounding projects.

The collaborative has refined the computer model developed by Quanta Technologies and there has been a collective effort to learn more about the function and functionality of the computer code. PURC and the Project Sponsors have worked to fill information gaps for model inputs and significant efforts have been invested in the area of forensics data collection. Since the state has not been affected by any hurricanes since the database software was completed, there is

currently no data. Therefore, future efforts to refine the undergrounding model will occur when such data becomes available.

In addition, PURC has worked with doctoral and master's candidates in the University of Florida Department of Civil and Coastal Engineering to assess some of the inter-relationships between wind speed and other environmental factors on utility equipment damage. PURC has also been contacted by engineering researchers at other universities with an interest in the model, though no additional relationships have been established. In addition to universities, PURC was contacted by researchers at the Argonne National Laboratory who expressed interest in modeling the effects of storm damage. The researchers ultimately chose to develop a deterministic model, but did use many of the factors that the Collaborative have attempted to quantify. Every researcher that contacts PURC cites the model as the only non-proprietary model of its kind.

The research discussed in last year's report on the relationship between wind speed and rainfall is still under review by the engineering press. Further results of this and related research can likely be used to further refine the model.

## III. Wind Data Collection

The Project Sponsors entered into a wind monitoring agreement with WeatherFlow, Inc., in 2007. Under the agreement, Florida Sponsors agreed to provide WeatherFlow with access to their properties and to allow WeatherFlow to install, maintain and operate portions of their wind monitoring network facilities on utility-owned properties under certain conditions in exchange for access to wind monitoring data generated by WeatherFlow's wind monitoring network in Florida. WeatherFlow's Florida wind monitoring network includes 50 permanent wind

monitoring stations around the coast of Florida, including one or more stations located on utility-owned property. The wind monitoring agreement expired in early 2012; however, the wind, temperature, and barometric pressure data being collected at these stations is being made available to the Project Sponsors on a complimentary basis.

## IV. Public Outreach

In last year's report we discussed the impact of Hurricane Sandy on greater interest in storm preparedness. PURC researchers discussed the collaborative effort in Florida with the engineering departments of the state regulators in Pennsylvania, Maryland, New York, and New Jersey. While all of the regulators and policymakers showed great interest in the genesis of the collaborative effort, and the results of that effort, they have not, at this point, shown further interest in participating in the research effort.

On April 15, 2013, the *Wall Street Journal* published a special section entitled 'Big Issues: Energy' which featured authors promulgating the "Yes" or "No" position to various questions surrounding the energy industry. One of those questions was "Should Utilities Be Required to Bury Power Lines to Protect Them?", and the editors of the *Journal* asked PURC Director of Energy Studies Ted Kury to contribute the "No" position. In October, Kury and Dr. Roger Anderson of Columbia University (who had provided the "Yes" position), revisited their print debate as the keynote session of the 2013 EEI/NRECA Utility Siting Workshop in Richmond, Virginia.

# V. Conclusion

In response to the FPSC's Order 06-0351, IOUs, municipal electric utilities, and rural electric cooperatives joined together and retained PURC to coordinate research on electric infrastructure hardening. The steering committee has taken steps to extend the research collaboration MOU so that the industry will be in a position to focus its research efforts on undergrounding research, granular wind research and vegetation management when significant storm activity affects the state.

## J) Initiative 10: Disaster Preparedness and Recovery Plan

### 1) 2013 Emergency Management Summary

In 2013, Tampa Electric worked with the local governments it serves to further enhance dialogue and seek opportunities to partner in training. As in the past, the company provided its communities with public service information at the beginning of storm season via local news media. During the Hillsborough County storm exercise, the Tampa Electric Emergency Response and Corporate Public Information Officers tested the response and communication plan.

Prior to June 1, 2013, all emergency support functions were reviewed, personnel trained and ICS Logistics and Planning Section plans were tested.

In January 2014, the company Emergency Response Plan was reviewed.

### 2) 2014 Emergency Management Activities & Budget

The 2014 Emergency Management budget of $428,000 will be used to finance human capital and preparedness resources (i.e., emergency

notification system, weather services, resilience management product, etc.), including internal and external training and exercises to test plans.

Tampa Electric will continue the following initiatives:

- Continue to hold a Tampa Electric Emergency Preparedness Fair with representation from government agencies, and support three additional external county fairs.
- Conduct an internal Emergency Management Summit
- Support the Florida Business and Industry Summit
- Lead the Florida Citizen and Business Response Teams (CERT/BERT) GIS project
- Continue training over 40 Tampa Electric certified emergency response team members
- Participate in local, state and national emergency management and business continuity forums
- Continue to participate in the Southeast Electric Exchange Logistics Committee
- Continue supporting Hillsborough County in communicating the national flood insurance to county residents
- Support the Hillsborough County Post Disaster Recovery Plan Exercise Planning Team and help facilitate the 2014 PDRP Leadership Exercise; State Division of Emergency Management and Department of Homeland Security (“DHS”) in participation
- Continue to participate in the DHS Protective Security Advisor Program by working through the local Urban Area Security Initiative; supporting the international Bollywood event, if it is held in Tampa (currently scheduled for April 24-26, 2014)

- Host one of ten DHS Security Meetings regarding Electric Subsector physical security. (January 21, 2014)
- Support community preparedness through participation in various government committees (e.g., Maritime Security, Florida Department of Law Enforcement, Regional Domestic Security Task Force), and activate as necessary during major community events
- Continue planning with the Hillsborough County Department of Health on the Cities Readiness Initiative; pandemic and bio-terrorism emergency response
- Continue to provide leadership (Vice Chair) in the Hillsborough County Local Mitigation Strategy group
- Continue to chair the Hillsborough County PDRP Infrastructure Technical Advisory Committee
- Participate in public/ private storm related exercises
- Continue to conduct all-hazards internal preparedness exercises and training sessions using the company ICS model to test plans

Tampa Electric has not identified any barriers to success in the above mentioned areas.

**3) 2013 Energy Delivery Emergency Management**

In 2013, the Energy Delivery department of Tampa Electric was involved in many activities throughout the entire storm season. The department facilitated training sessions in various locations to include roles and responsibilities before, during, and after storm activation. The Emergency Management Coordinator visited various safety meetings throughout Energy Delivery to discuss employee preparedness and storm assignments.

In April 2013, Energy Delivery facilitated a decentralized functional exercise consisting of a review of functional requirements and three storm interval scenarios. The eight-hour event was based on a Category 3 hurricane with sustained winds of 100 - 115 mph with a storm surge of 11 feet which impacted Hillsborough County. Each scenario was preceded by an Energy Delivery conference call that included other key employees across the company. As a result of the exercise, 66 actions items were identified for follow-up and lessons learned. All action items were followed up on and implemented.

In 2013, Tampa Electric reviewed sites for incident bases and staging sites which ensure primary and backup locations for distribution, transmission, and materials. Throughout Tampa Electric's service territory, the company is constantly developing and maintaining relationships with property owners for potential incident bases and staging sites. Additionally, logistical needs and equipment requirements were reviewed for each incident base site.

Energy Delivery reviewed existing purchase orders and contacted contractors who would assist the company with restoration efforts.

In 2013, Energy Delivery participated in numerous conference calls with other Southeastern Electric Exchange utilities regarding rain, wind, and ice events. The company's participation in these calls was to offer mutual assistance to a requesting company needing restoration support. Tampa Electric resources were deployed through mutual assistance groups three times in 2013 to assist other electric utilities as a result of ice and wind events.

Finally, prior to hurricane season, Energy Delivery management reviewed all employees' storm assignments and communicated roles and expectations. Meetings and training were held as needed.

**4) 2014 Planned Activities**

Energy Delivery will continue to pursue additional incident base and staging sites as backup locations. Service area managers and incident base leaders will maintain relationships with property owners of existing sites and locations.

Energy Delivery will conduct a mock storm drill in the second quarter of 2014 to include key employees across all levels of the company. The plan is to practice a hurricane making landfall on peninsular Florida. Various scenarios will be injected throughout the exercise. Follow-up items and lessons learned will be recorded.

Prior to hurricane season, Energy Delivery management will review all employees' storm assignments and communicate roles and expectations. Meetings, training and exercises will be scheduled at various locations. Additionally, employee preparedness will be emphasized prior to storm season via training materials and presentations.

## K) Storm Hardening Plan Update

Tampa Electric's 2013-2015 Storm Hardening Plan was approved by the Commission in Docket No. 130138-EI, Order No. PSC-13-0640-PPA-EI, issued December 3, 2013. The plan is largely a continuation of previously approved plans with an overall focus aimed at improving the company's energy delivery system to withstand severe weather events. Activities discussed below have been either completed in prior plans or are ongoing

efforts in the current plan all of which are designed to harden the company's system.

**1) Undergrounding Distribution Interstate Crossings**

The continued focus of this activity is to harden limited access highway crossings so as to prevent the hindrance of first responders, emergency vehicles and others due to fallen distribution lines blocking traffic. The restoration of downed overhead power lines over interstate highways can be lengthy due to heavy traffic congestion following a major storm. Tampa Electric's current preferred construction standard requires all distribution line interstate crossings to be underground. Therefore, the company initially converted several overhead distribution line crossings to underground on major interstate highways. Through 2013 a total of 14 distribution crossings have been converted. Any remaining distribution interstate highway crossings will be converted to underground as construction and maintenance activities present opportunities.

**2) Testing Network Protectors**

The Tampa downtown network is a small area of dense loads made up mostly of high-rise office buildings. This area is considered critical infrastructure because of the high concentration of business and governmental buildings in this area. The types of businesses include telecommunications switching center, banking, city and county governmental offices, federal and county courthouses as well are approximately 2,500 hotel rooms and 6.5 million square foot of office space. The Marion Street substation serves the downtown network with six underground distribution circuits.

The downtown network consists of 361 manholes and 56 network vaults. Most contain two network transformers and two network protectors. In 2013, a total of 82 network protectors were tested and three units were replaced. Tampa Electric will continue to remotely monitor the network protectors daily, address any issues that arise, and visually inspect each unit at least once bi-annually. Further analysis will be conducted on the network protectors to determine the benefit of these hardening efforts in the unfortunate event that a hurricane impacts the downtown network.

**3) 4 kV Conversions**

Tampa Electric has converted all 4 kV distribution circuits as part of its hardening plan. The distribution system voltage is now uniform (13.2 kV), which reduces the amount of required inventory and removes any uncertainty about distribution voltages for operation personnel..

**4) Extreme Wind Pilot Projects**

As part of Tampa Electric's previous storm hardening plans, the company upgraded the distribution systems for two critical facilities in its service area, namely, the Port of Tampa and Saint Joseph's Hospital. The Port of Tampa delivers 40 percent of the gasoline consumed in the State of Florida. Saint Joseph's Hospital is a Level 2 Trauma Center centrally located in Tampa. The upgrade activities for these two facilities were pilot projects designed to harden their distribution systems to extreme wind criteria.

In 2013, Tampa Electric hardened the two distribution circuits to the City of Tampa Tippins Water Treatment Plant. This plant serves 95 percent of the daily water consumed by the City of Tampa water customers. This activity included upgrading one circuit to extreme wind criteria, upgrading the other

circuit to current standards and modifying the feed into the plant from overhead to underground. In addition, animal protection was added to the substations where the circuits originate and circuit breakers and relays for both circuits were replaced.

Tampa Electric will monitor the behavior of this hardened location before and after a hurricane event to determine the effectiveness of these types of hardening efforts and their appropriateness for broader system deployment.

**5) Underground Equipment Construction Standard**

Tampa Electric's standard requires the use of stainless steel transformers and switchgear. Tampa Electric will continually evaluate and implement reliable and economical options that improve the performance of all underground installations exposed to saturated conditions.

**6) Coordination with Third Party Attachers**

Tampa Electric has met with third party attachers to discuss the hardening projects identified in the company's Three-Year Storm Hardening Plan. Meetings have taken place in the field and coordination discussions have been ongoing. Documentation and follow-up are integral to the process. Conflicts that have been brought to Tampa Electric's attention are being reviewed and addressed. Overall, the coordination with third party attachers has been positive and productive.

## SECTION II - Storm Season Ready Status

### A) Storm Season Ready Status: 2013 Accomplishments

#### 1) Transmission

In 2013, Tampa Electric completed ground patrols on the transmission system including all 230 kV, 138 kV circuits and 69 kV circuits. The ground patrols identified access, encroachment and vegetation management issues and facilitated a visual review of the system.

The company continued to execute its six-year transmission structure inspection program with priority given to critical facilities and coastal facilities with progression to inspection of older inland circuits. As inspections were completed, the inspections moved to interconnection circuits, circuits serving co-generators and other inland circuits. The transmission structure inspections took into consideration the condition of each pole and span of wire, including issues with structural hardware such as nuts that have backed off their bolts, corroded equipment, deteriorated appurtenance arms, unbraided conductors and woodpecker holes. This inspection work is completed when the system is under load.

Also in 2013, Tampa Electric hardened 1,035 structures that included 866 pole replacements utilizing steel or concrete poles and 227 sets of insulators replaced with polymer insulators.

Additionally, as part of the LiDAR surveying (in response to NERC's October 7, 2010 alert) Tampa Electric performed corrective procedures by reconfiguring and hardening 88 structures consisting of 43 pole replacements and 29 sets of insulators. In addition to the structures that were replaced or reconfigured, 16 new poles were installed. With the

installation of the new poles, span lengths were shortened between the existing poles thus reducing the wind loading on the structures.

Combining the totals from both programs Tampa Electric hardened 1,181 structures including 925 structure replacements and 256 sets of insulators.

**2) Vegetation Management**

In 2013, Tampa Electric continued to maximize the effectiveness of its vegetation management efforts relative to storm season. All 230 kV and 138 kV transmission lines as well as priority 69 kV tie lines were patrolled twice for vegetation management. Any vegetative conditions identified from those patrols were either resolved immediately or scheduled for full circuit maintenance.

These efforts, along with the company's ongoing, aggressive trimming of the distribution system in 2013, have better prepared Tampa Electric for future storm seasons.

**3) Updated and Reviewed Circuit Priority**

In 2014, Tampa Electric will continue working with all the EOCs in the review and update of the restoration priorities following the established procedures. In 2013, the Hillsborough County Critical Facilities Index ("CFI") Working Group was reunited on a quarterly basis to review CFI and to include other key stakeholders (i.e., water, dams, etc.).

**4) Capacitor Maintenance Program**

In support of maintaining balanced voltage to both the transmission and distribution systems and in maintaining the interconnection with Tampa Electric's neighbors, the company continued its capacitor maintenance program in 2013. The company remotely monitored capacitor banks and when apparent problems were identified, a Tampa Electric field crew was dispatched to resolve any operational problems. In 2013, the company conducted field visits for 616 capacitor banks and made repairs as needed.

**5) Increased Equipment Inventory**

The company reviewed and increased its storm inventory prior to the 2013 hurricane season. The stock increase secured a full four-day supply of overhead distribution materials such as splices, fuses, connectors, service clamps, brackets, wire, poles, transformers, etc. The company has procurement contracts in place that provide for additional supplies being delivered within four days of landfall and it will replenish required stock for the duration of a major restoration event.

**6) Communication and Coordination with Key EOC and Governmental Organizations**

In 2013, Tampa Electric continued its communication efforts focusing on maintaining vital governmental contacts and participation on standing disaster recovery planning committees. Tampa Electric was invited to participate in several Hillsborough County led initiatives, focusing on joint efforts to identify temporary housing, rebuild infrastructure and revive the area's economy in the aftermath of a disaster. These committees are standing committees and will continue to meet. Tampa Electric also participated in joint mock exercises with Hillsborough and Polk County Emergency Management personnel prior to the 2013 hurricane season.

**7) Secured and Expanded Incident Bases**

Tampa Electric worked with local business owners and officials to make sure that the company had incident bases in each service area. In 2013, the company renewed existing agreements for primary sites and secured back-up locations as an additional contingency. Incident bases are needed to provide logistical bases for visiting crew operations including staging of material, trucks, meals, and work order assignments.

**8) Hurricane Preparedness Exercises**

In April 2013, Energy Delivery facilitated a functional exercise which included key employees from all levels and departments across the company. The eight-hour event was based on a Category 3 hurricane with winds of 100-115 mph and a total surge of 11 feet which impacted Hillsborough County. As a result of the exercise, 66 action items were addressed and lessons learned were implemented.

**9) Post-Storm Data Collection and Forensic Analysis Implemented**

In 2013, Tampa Electric continued its relationship with its outside consultant for performing post storm forensic analysis. This analysis will be completed to gather a statistically significant representative sample of damage and using this sample to determine root causes of failure during major storms.

**10) Storm Hardening**

See Section K for update to this section.

## B) Storm Season Ready Status: 2014 Planned Activities

### 1) Program Summary

Tampa Electric's Storm Season Readiness preparation focuses on a number of areas including pre-storm transmission inspections and maintenance, wood pole inspections and replacements, vegetation management, capacitor maintenance, local government interaction, increased equipment inventory, circuit priority reviews and hurricane preparation exercises.

### 2) Transmission Inspections and Maintenance

In preparation for the 2014 storm season, Tampa Electric will perform above ground inspection of approximately 5,100 transmission structures. Additionally, all 230 kV, 138 kV and 69 kV circuits will be patrolled by ground at least once prior to the peak of hurricane season. Tampa Electric plans to change out approximately 705 wood transmission poles throughout the year with steel or concrete structures. Also, Tampa Electric intends to replace approximately 100 sets of insulators with polymer insulators with much of this work being completed prior to the peak of hurricane season.

Tampa Electric also plans to review 26 circuits as a part of the LiDAR corrective maintenance program. This work will consist of structure replacement and reconfiguration as well adding new structures as necessary. Due to the nature and variability of this work, it is difficult to provide an accurate estimate of structures that will be hardened as part of the LiDAR program.

**3) Pole Inspections**

The 2014 Ground-line Pole Inspection Program goal includes 49,000 distribution and lighting pole inspections. The future inspections coupled with the company's pole replacement program will enhance the storm resiliency of Tampa Electric's distribution system.

**4) Capacitor Maintenance Program**

For 2014, the company will continue monitoring and maintaining capacitor banks. In preparation for summer peak loads, and in anticipation of the significant impact of summer storms on workforce availability and capacitor failure rates, Tampa Electric is taking an aggressive effort to make capacitor bank repairs during the spring of 2014. Repairs during the summer are generally limited to an as needed basis. Regularly scheduled repairs will continue in the fall as the need and weather permits. In 2014, the company estimates that approximately 650 capacitor banks will be field visited and repaired, as needed.

**5) Communication with Local Governments**

Tampa Electric has and will continue to meet with various governmental agencies to enhance communication and coordination of emergency and vegetation management as well as provide education on coordinating and facilitating underground conversions to the extent that these inquiries occur.

**6) Increase Equipment Inventory**

As was the case in 2013, the company will review and increase storm stock in 2014 to ensure a four-day supply of overhead distribution materials such as splices, fuses, connectors, service clamps, brackets, wire, poles, transformers, etc., as well as transmission and substation materials. The

company will also ensure that procurement contracts are in place to support additional supplies being delivered within four days of landfall and it will replenish required stock for the duration of a major restoration event.

**7) Circuit Priority Review**

In 2014, Tampa Electric will continue working with all the EOCs in the review and update of the restoration priorities for the areas the company serves.

**8) Hurricane Preparedness Exercises**

Energy Delivery will conduct a mock storm drill in the second quarter of 2014 to include key employees across all levels of the company. The plan is to practice a hurricane making landfall on peninsular Florida. Various scenarios will be injected throughout the exercise. Follow-up items and lessons learned will be recorded.

**9) Storm Hardening Plan**

All projects in Section K of this report have been either completed or are a continuation of previous activities Should a severe weather event strike Tampa Electric's service area, the company will evaluate the performance of the pilot projects to determine next steps to be taken. Tampa Electric will continue hardening its energy delivery system in accordance with the company's currently approved storm hardening plan. That plan continues to define the criteria, construction standards, maintenance practices, system inspection programs and other policies and procedures utilized for transmission, distribution, and substation facilities in Tampa Electric's service territory.

# SECTION III - Wood Pole Inspection Program

## A) Wood Pole Inspection Program

### 1) Program Summary

Tampa Electric's Wood Pole Ground-line Inspection Program is part of a comprehensive program initiated by the Florida Public Service Commission for Florida investor-owned electric utilities to harden the electric system against severe weather and unauthorized and unnoticed non-electric pole attachments which affect the loadings on poles.

This inspection program complies with Order No. PSC-06-0144-PAA-EI, issued February 27, 2006 in Docket No. 060078-EI which requires each investor-owned electric utility to implement an inspection program of its wooden transmission, distribution and lighting poles on an eight-year cycle based on the requirements of the NESC. This program provides a systematic identification of poles that require repair or replacement to meet strength requirements of NESC.

### 2) Inspection Cycle

Tampa Electric performs inspections of all wood poles on an eight-year cycle. Tampa Electric has approximately 395,350 distribution and lighting poles and 25,700 transmission poles appropriate for inspection for a total pole population of approximately 421,050. Approximately 12.5 percent of the known system will be targeted for inspections annually although the actual number of poles may vary from year to year due to recently constructed circuits, de-energized circuits, reconfigured circuits, etc.

### 3) Inspection Method and Procedure

Tampa Electric will utilize three basic inspection procedures for determining the condition of wooden poles. These procedures include a visual inspection, sound and bore, and excavation if required.

#### a) Inspection in Conjunction with Other Field Work

As part of day-to-day operations, personnel are sometimes required to climb poles to perform different types of field work. Prior to climbing any pole, personnel will make an assessment of the condition of the pole. This will include a visual check and may include sounding to determine pole integrity. This type of inspection will supplement the systematic inspection approach otherwise outlined in this pole inspection program.

#### b) Visual Inspection

An initial visual inspection shall be made on all poles from the ground-line to the pole top to determine the condition of the pole before any additional inspection work is completed. The visual inspection shall include a review of the pole condition itself and any attachments to the pole for conditions that jeopardize reliability and are in need of replacement, repair or minor follow-up. After a pole has passed the initial visual inspection, the balance of the required inspection method will be performed.

#### c) Sound and Bore

After passing the visual inspection, the pole shall be sounded to a minimum height of seven feet above the ground-line to locate any rotten conditions or pockets of decay inside the pole. Borings shall be

made to determine the location and extent of internal decay or voids. All borings shall be plugged with preservative treated wooden dowels. After the pole has passed the sound and bore inspection, an excavation inspection will be performed, if required.

**d) Excavation**

For poles requiring excavation, the pole shall be excavated to a minimum depth of 18 inches below the ground-line. Any external decay shall be removed to expose the remaining sound wood. The remaining pole strength shall be determined.

For a pole in concrete or pavement where excavation is not possible, Tampa Electric will utilize the Osmose Utility Services, Inc. shell boring technique. This will consist of boring two 3/8 inch holes at a 45-degree angle to a depth of 16 to 18 inches below ground level. The technician will determine the pole strength by the resistance while drilling. Upon withdrawing the drill bit, the technician will examine the condition of the wood shavings to determine whether decay is present. All borings shall be plugged as previously described.

**e) Hardware Inspection**

The inspector shall inspect all of Tampa Electric's guying, grounding provisions, and hardware that is visible from the ground.

**f) Inspection and Treatment Labeling**

After completion of the ground-line inspection, an aluminum tag identifying the contractor and date of inspection shall be attached to the pole above the birthmark. Additionally, a tag shall be attached

identifying any preservative treatments applied and the date of application.

**g) Pole Attachment/Loading Analysis**

In some circumstances, Tampa Electric will conduct a pole loading data collection and analysis as part of the ground-line inspection. The analysis will ensure that the condition of the pole meets the requirements in Table 261-1A of the NESC. The analysis will not be performed on poles having only Tampa Electric attachments since these facilities were addressed in the original design.

**h) Data Collection**

The collected data shall be managed in a database and include information related to pole class, material, vintage, location, joint use attachments, and any pole deficiencies that required follow-up actions, if any.

**4) Disposition of Poles**

Poles with early stage decay that do not require remediation to meet the NESC strength requirements shall be treated with an appropriate preservative treatment. Poles with moderate decay that have substantial sound wood shall be considered for reinforcement. Analysis shall be performed to determine if reinforcement will bring the deficient pole into compliance with the requirements of the NESC. If it is determined that the pole can be reinforced, the pole shall be treated with an appropriate preservative treatment and reinforced. Poles with advanced decay shall fail the inspection and be replaced.

## 5) Routing of Inspections

### a) Distribution

Tampa Electric's distribution system is a radial system with many laterals and service drops. The company has determined the most cost-effective and reasonable approach for routing the work of the annual inspection program is by geographic location. Therefore, inspectors will be given an area that is defined by specific boundaries and distribution and lighting poles within that area will be systematically inspected.

### b) Transmission

Tampa Electric's transmission system is primarily a network system with few laterals. The company has determined the most cost-effective and reasonable approach for routing the inspection work to be on a circuit basis. Therefore, annual inspections will be performed sequentially from substation to substation completing an entire circuit in the process.

## 6) Shared Poles

Tampa Electric supports the Commission's effort to establish pole inspection requirements on the owners of all utility poles. Tampa Electric will coordinate with third party owners of utility poles that carry the company's facilities. With regard to the third party's inspection process, the company will rely upon the third party's inspection requirements and share data requested by the third party to be utilized in their inspection procedure. Tampa Electric will cooperate, as requested, in the work associated with pole replacement where joint use exists.

**7) Standards Superseding NESC Requirements**

Tampa Electric's Wood Pole Ground-line Inspection Program complies with NESC requirements.

**8) Pole Inspection Program Performance Verification**

Qualified Tampa Electric personnel or an independent contractor will conduct a quality control audit on the pole inspection work to verify compliance with the pole inspection services contract. This quality control audit shall consist of selecting random poles, determining the proper course of action per the inspection services contract, and comparing the independent audit recommendation against the proposed recommendation by the pole inspection service.

**9) Reporting**

Tampa Electric will file an annual Pole Inspection Report by March 1 of each year in full accordance with the reporting requirements set forth in Docket No. 070634-EI, Order No. PSC-07-0918-PAA-PU, issued November 14, 2007. The report will contain the methods used to determine the strength and structural integrity of wooden poles, the selection criteria for inspected poles, a summary of the results of the inspections, the cause(s) of inspection failures, and the corrective action taken for the failures.

**10) 2013 Accomplishments**

Tampa Electric's Ground-line Pole Inspection Program was conducted by three contracted crews and one supervisor who inspected a total of 49,362 poles which was 186 inspections above plan. The pole failure rate for distribution and lighting was 17.3 percent due to the vintage of poles inspected. Of these failures, 0.50 percent was reinforced; therefore, the

overall distribution and lighting wooden pole replacement rate was 16.8 percent. Tampa Electric's spending levels for the Ground-line Pole Inspection Program, which included distribution and lighting pole reinforcements, exceeded $1.4 million.

The 2013 Ground-line Pole Inspection Program results include:

- 49,176 planned distribution and lighting pole inspections with 49,362 completed.
- 0 planned transmission poles inspections with 0 completed.
- 49,176 planned distribution, lighting, and transmission ground-line pole inspections with a total of 49,362 completed.

Expenditures for the 2013 Ground-line Pole Inspection Program include:

- Distribution and lighting ground-line pole inspections - $1.4 million.
- Transmission ground-line pole inspections - $0.
- Distribution and lighting pole reinforcements - $109,300.
- Inspection-related distribution and lighting maintenance - $32,300.

**11) 2014 Activities and Budget Levels**

For 2014, Tampa Electric will start the year with three contractor crews and one supervisor in place. Pole inspection targets by service area are established with a goal of completing approximately 12.5 percent of the system.

The 2014 Ground-line Pole Inspection Program goals include:

- 49,176 distribution and lighting pole inspections
- 3,216 transmission pole inspections

- 52,392 total distribution, lighting, and transmission ground-line pole inspections

Established funding levels for the 2014 Ground-line Pole Inspection Program are:

- Distribution and lighting ground-line pole inspections - $1.4 million.
- Transmission ground-line pole inspections - $107,200.
- Distribution and lighting pole reinforcements - $100,000.
- Inspection-related distribution and lighting maintenance - $34,000.

Tampa Electric's Ground-line Inspection Program strategy takes a balanced approach and has produced excellent results in a cost effective manner. The future inspections coupled with its pole replacement program will enhance the storm resilience of Tampa Electric's distribution, lighting, and transmission poles.

**12) Chromated Copper Arsenate Pole Inspections**

In Docket No. 080219-EI, Order No. PSC-08-0615-PAA-EI, issued September 28, 2008 the Florida Public Service Commission approved a modification to Tampa Electric's Wood Pole Inspection Program involving chromated copper arsenate ("CCA") poles. Specifically, the modification requires CCA treated poles less than 16 years of age to be sound and selectively bored. Selective boring shall be performed on poles suspected of internal decay. Additionally, one percent of the annual number of CCA treated poles inspected less than 16 years of age shall be excavated to validate this inspection method. Finally, all CCA treated poles over 16 years of age shall be excavated.

## SECTION IV - Rule 25-6.0455 F.A.C.

### A) 2013 Reliability Performance

#### 1) Overview

Tampa Electric's 2013 distribution reliability indices, both adjusted and actual, represented mixed results in comparison to 2012. The company saw a diminished performance in the adjusted customer average interruption duration, the adjusted system average interruption duration, the adjusted and actual system average interruption frequency and in the adjusted and actual momentary average interruption frequency. However, there was an improvement for the actual system average interruption duration and the actual customer average interruption duration and the actual customer average interruption duration. CEMI5 measurements decreased for both the adjusted and actuals.

#### 2) Summary

Tampa Electric's Adjusted 2013 System Average Interruption Duration Index ("SAIDI") increased by 6.98 minutes over 2012 representing an 8.94 percent increase (7.91 minutes or 7.76 percent decrease – 2013 actual). Adjusted 2013 Customer Average Interruption Duration Index ("CAIDI") increased by 3.88 minutes over 2012 representing a 4.54 percent increase (9.52 minutes or 10.98 percent decrease – 2013 actual). Adjusted 2013 System Average Interruption Frequency Index ("SAIFI") increased by 0.03845 average events or 4.21 percent (0.04257 average events or 3.62 percent increase – 2013 actual). Adjusted 2013 Momentary Average Interruption Frequency Index Event ("MAIFIe") increased by 0.79544 events or 7.00 percent from 2012 (0.16492 events or 1.29 percent increase – 2013 actual).

The modest fluctuations in the indices are attributed to Tampa Electric's use of its Schweitzer relays and controls in substations. During non-storm months these relays were temporarily disabled to reduce the number of momentary events customers would experience. However, this slightly increased the frequency of outages customers experienced due to faults being cleared by other protective fusing.

The primary causes associated with a total outage increase of 1,075 were attributed as follows:

Lightning – 312
Vegetation - 282
Animals – 182
Unknown – 113
Electrical – 86
Down Wire – 74
Defective Equipment – 25
Other Weather - 1

The primary causes associated with a total decrease of 105 attributed as follows:

Bad Connection – 68
All Remaining Causes – 28
Vehicle - 9

When these primary causes are considered together, the net increase of 970 outages is realized.

Overall outages increased in 2013 in comparison to 2012; the total number of outages in comparison to the last five-year average is also increased by 2.98 percent or 288 outage events. The 2013 outage causes in six of the eleven categories are up in comparison to the five-year average totals. Electrical, bad connection, other weather, defective equipment and all remaining causes decreased by 3.54 percent, 8.94 percent, 61.3 percent, 18.73 percent and 14.01 percent, respectively.

Tampa Electric currently tracks outage records in its outage database according to date, duration, customers affected, cause, equipment-type, associated field reports, breakers operations, etc., and uses this information to track and report inter-departmental, inter-company and external regulatory requests as required.

Tampa Electric management continues reviewing system performance and related metrics on a daily basis. Primary areas of focus include incremental and year-to-date semi-weekly SAIDI, CAIDI, and SAIFI performance for transmission, substation and distribution, year-to-date MAIFIe and associated breaker operations, customer outages by system and region and major unplanned outages. In addition, management reviews the status of de-energized underground cables, oil circuit reclosers, online capacitor banks and street lights previously identified as needing maintenance.

In 2013, Tampa Electric management continued its increased focus on feeder restoration activity. As part of the semi-weekly review, feeder outage activity was reported and reviewed. Where outage duration exceeded acceptable thresholds, management reviewed incidents in pursuit of continued improvements with response time.

In addition to reviewing semi-weekly performance as noted above, the company analyzes distribution circuit performance, including feeders represented on the three percent feeder list, through a number of different ongoing processes. These processes include tree trimming analysis and circuit analysis.

**3) Conclusion**

In 2013, Tampa Electric customers experienced an increase in the number of outages, the system average interruption duration, customer average interruption duration, system average interruption frequency and the momentary average interruption frequency compared to previous years.

**B) Generation Events – Adjustments**

Tampa Electric experienced no outages due to generation events that would have impacted distribution reliability; as a result, there were no exclusions in the company's 2013 Annual Distribution Reliability Report related to generation outage events.

**C) Transmission Events – Adjustments**

**1) Transmission Outage Summary**

In 2013, there were 12 transmission outages that affected customers. This included five outages that were due to equipment failures, one outage due to vehicle collisions, three outages due to inclement weather and lightning, one outage do to vegetation, one outage with an unknown cause, and one outage due to animals. A total of 813,394 Customer Minutes of Interruption and 65,108 Customer Interruptions were excluded from the 2013 Annual Distribution Reliability Report per Rule 25-6.0455.

**2) Equipment Failure Outages**

There were five outages attributed to insulator and cross arm failures. The repair or replacement of deficient insulators and cross arms has been identified and prioritized.

**3) Vehicle Collision Outages**

There was one outage attributed to structure failure due to vehicle collisions. No action items were identified.

**4) Human Error Outage**

There were no outages due to human error in 2013.

**5) Vegetation Related Outages**

There was one outage due to vegetation in 2013. The line patrolmen have been instructed to report vegetation growth that is in close proximity with the conductor. Once a location is identified, the Line Clearance department will be contacted to remove the overgrown vegetation.

**6) Clearance Outages**

There were no outages due to insufficient clearance in 2013.

**7) Cause Not Determined Outages**

There was one outage due to an undetermined cause in 2013. No action items were identified.

**8) Transmission Outage Detail**

**69 KV Circuit**

**January 2013**

**Date:** 1/31/2013 **Circuit:** 66016
**Customers Affected:** 6,738 **SAIDI Impact:** 4 seconds
**Discussion:** The cause of the outage was not determined. The circuit was returned to service.
**Event:** Localized

**February 2013**

**Date:** 2/7/2013 **Circuit:** 66095
**Customers Affected:** 4,164 **SAIDI Impact:** 1 second
**Discussion:** Service was interrupted when insulators broke. The damaged insulators were replaced and the circuit was returned to service.
**Event:** Localized

**March 2013**

**Date:** 3/12/2013 **Circuit:** 66095
**Customers Affected:** 4,204 **SAIDI Impact:** 2 seconds
**Discussion:** Service was interrupted when lightning struck the circuit. No damage was identified and the circuit was returned to service.
**Event:** Localized

**April 2013**

**Date:** 4/18/2013 **Circuit:** 66042
**Customers Affected:** 5,754 **SAIDI Impact:** 2 seconds
**Discussion:** A cross arm broke and the conductor fell causing an interruption in service. The structure was repaired and the circuit was returned to service.
**Event:** Localized

**Date:** 4/18/2013 **Circuit:** 66658
**Customers Affected:** 57 **SAIDI Impact:** 1 second
**Discussion:** Service was interrupted when an insulator flashed during a thunderstorm. The insulators were replaced and the circuit was returned to service.
**Event:** Localized

**June 2013**

**Date:** 6/6/2013 **Circuit:** 66658
**Customers Affected:** 0 **SAIDI Impact:** 0 seconds
**Discussion:** The circuit tripped when insulators flashed. The insulators were replaced and the circuit was returned to service.
**Event:** Localized

**Date:** 6/8/2013 **Circuit:** 66046
**Customers Affected:** 19,885 **SAIDI Impact:** 52 seconds
**Discussion:** Service was interrupted due to vegetation growing into the circuit. The vines were removed and the circuit was returned to service.
**Event:** Localized

**July 2013**

**Date:** 7/23/2013 **Circuit:** 66051
**Customers Affected:** 6,706 **SAIDI Impact:** 1 second
**Discussion:** Service was interrupted when debris from a bird nest fell into the circuit. The debris and the abandoned bird nest were removed and the circuit was returned to service.
**Event:** Localized

**August 2013**

**Date:** 8/14/2013 **Circuit:** 66019
**Customers Affected:** 6,456 **SAIDI Impact:** 1 second
**Discussion:** Service was interrupted when lightning struck the circuit. No damage was found and the circuit was returned to service.
**Event:** Localized

**Date:** 8/18/2013 **Circuit:** 66011
**Customers Affected:** 2,791 **SAIDI Impact:** 1 second
**Discussion:** Service was interrupted due to inclement weather in the area. There was no damage observed and the circuit was returned to service.
**Event:** Localized

**October 2013**

**Date:** 10/5/2013 **Circuit:** 66426
**Customers Affected:** 7,913 **SAIDI Impact:** 5 seconds
**Discussion:** Service was interrupted when a set of insulators broke. The insulators were replaced and the circuit was returned to service.
**Event:** Localized

**December 2013**

**Date:** 12/10/2013 **Circuit:** 66658
**Customers Affected:** 440 **SAIDI Impact:** 2 seconds
**Discussion:** Service was interrupted when a pole was hit by a vehicle. The damaged pole was replaced and the circuit was returned to service.
**Event:** Localized

**138 kV Circuit**

None

**230 kV Circuit**

**None**

## D) Extreme Weather

Tampa Electric experienced two extreme weather events during 2013 which affected the customers in the service territory. A tornado touched down and impacted the company's electric system on February 26, 2013 at approximately 11:05 AM and continued to affect customers until approximately 4:51 PM that same day. Tropical Storm Andrea began impacting the company's electric system on June 5, 2013 at approximately 9:11 PM and continued to affect customers until June 7, 2013 at approximately 3:39 AM.

These weather systems caused 196 outage events resulting in 18,628 Customer Interruptions and 2,353,769 Customer Minutes of Interruption impacting the electric system over the one and two day periods.

Of the 196 outage events experienced, 191 were attributed to the overhead system and the balance of 5 were attributed to the underground system. System outage duration (L-Bar) during these events was 241.8 (234.32 and 527.4 overhead and underground, respectively).

Methods used to determine exclusions for the thunderstorm were the same used in the 2004, 2005, 2007, 2011 and 2012 Annual Distribution Reliability Reports.

See Appendix for specific data pursuant to Rule 25-6.0455.

## E) Other Distribution – Adjustments

In 2013, there were 613 Other Distribution outages that affected customers. A total of 3,955,532 Customer Minutes of Interruption and 168,431 Customer Interruptions were excluded from the 2013 Annual Distribution

Reliability Report per Rule 25-6.0455. All outages were attributed to planned events as noted within the 2013 Adjustments: Other Distribution in Appendix.

## F) Distribution Substation

### 1) 2013 Distribution Substation Adjustments

In 2013, there were 173 Distribution Substation outages that affected customers. A total of 6,283,728 Customer Minutes of Interruption and 150,269 Customer Interruptions were excluded from the 2013 Annual Distribution Reliability Report per Rule 25-6.0455. All outages were attributed to substation equipment as noted within the 2013 Adjustments: Distribution Substation in Appendix.

### 2) Patterns and Trends - Distribution Substation Reliability Performance

In 2013, Substation transformer failures contributed the most to SAIDI. To ensure the highest possible reliability of the transformer fleet as it continues to age, Tampa Electric reviewed and modified its maintenance practices to include such metrics as equipment age, load history, duty cycles, and past maintenance history when developing transformer maintenance profiles. In addition, Tampa Electric has been evaluating new monitoring equipment that has the potential to alert potential problems before they become serious issues.

In 2013, disconnect switch failure was the second leading contributor to SAIDI. Visual inspections as well as infrared inspections are being used for early identification of possibly faulty switches. These switches are then maintained or replaced as needed.

The third leading contributor to SAIDI can be attributed to breakers that mis-operate, but these issues continue to trend lower year over year, with 2013 being the lowest in the past five years. Breakers that miss-operate are inspected, cleaned, lubricated, tested, and returned to service. The breaker reclosing relays are then tested. The most common causes of breaker miss-operations have been sticky mechanisms, defective closing coils and faulty reclosing relays. Outage analysis has revealed intermittent reclosing problems in specific types of breaker mechanisms and as a result, a Breaker Reliability program has been initiated to remove unreliable breakers from the system.

Since 2008, the total number of 13 kV circuit breakers that have been replaced through the program is 149. In 2013, 46 breakers were replaced as part of the Breaker Reliability program.

**3) Tracking Distribution Substation Reliability**

All major substation equipment nameplate data and maintenance activities are tracked in an asset management database. All work orders, findings and corrective actions related to substation outages are added to the asset management database. Substation operations supervisors review the maintenance and outage history of equipment involved in outages on a daily basis.

**4) Process to Promote Substation Reliability**

The following are used to determine the actions to promote substation reliability:

- Quarterly inspections of all substations
- Root cause analysis of each outage
- Annual review of all substation outages

Tampa Electric findings support the following ongoing activities:

- Review of all breaker miss-operations
- Installation of animal protection in substations
- Change out breaker mechanisms identified with chronic problems
- Install microprocessor based relays for reclosing in all new construction and upgrade projects
- Replace station wide static under frequency relays with feeder based microprocessor under frequency relays in all new construction projects
- Replacing 13kV circuit breakers that have been identified as problem breakers

In addition to the above activities, Tampa Electric has implemented automatic bus restoration schemes in select stations with multiple transformers.

The tables and exhibits that follow provide the performance results for distribution substations.

**Table 1: Distribution Substation Inspections by Year**

| Year | Number of Distribution Substation Inspections |
|---|---|
| 2009 | 389 |
| 2010 | 542 |
| 2011 | 271 |
| 2012 | 520 |
| 2013 | 527 |

**Exhibit 1: 2013 Distribution Substation Outages**

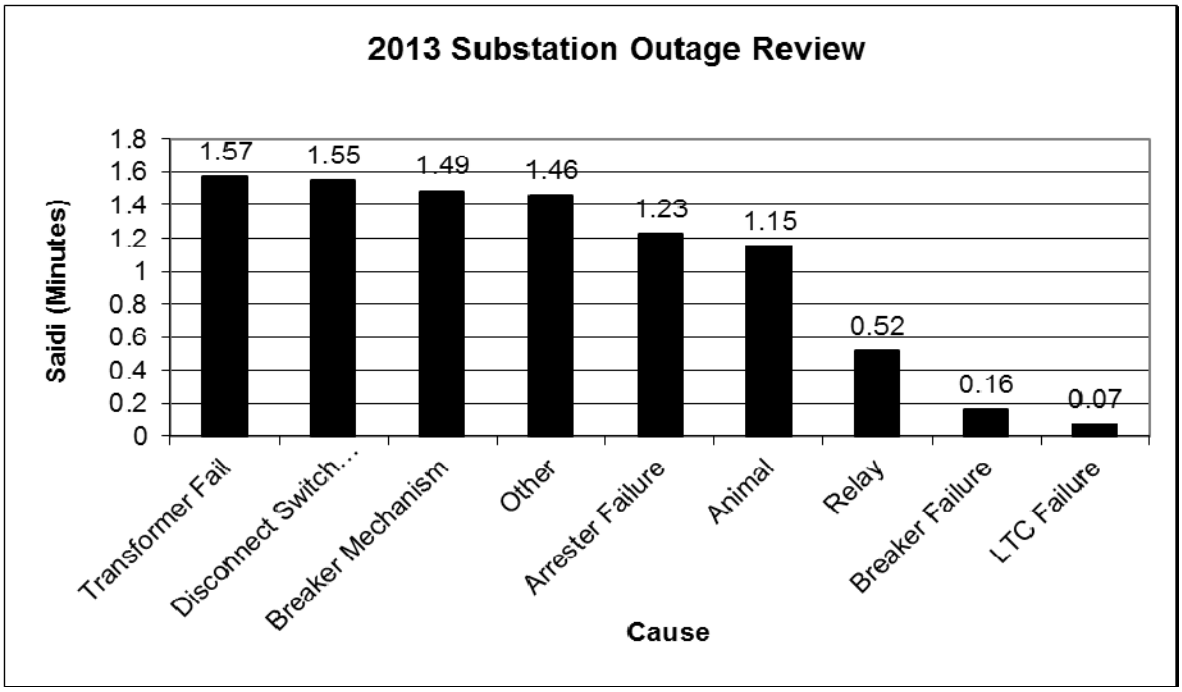


**Exhibit 2: 2012 Distribution Substation Outages**

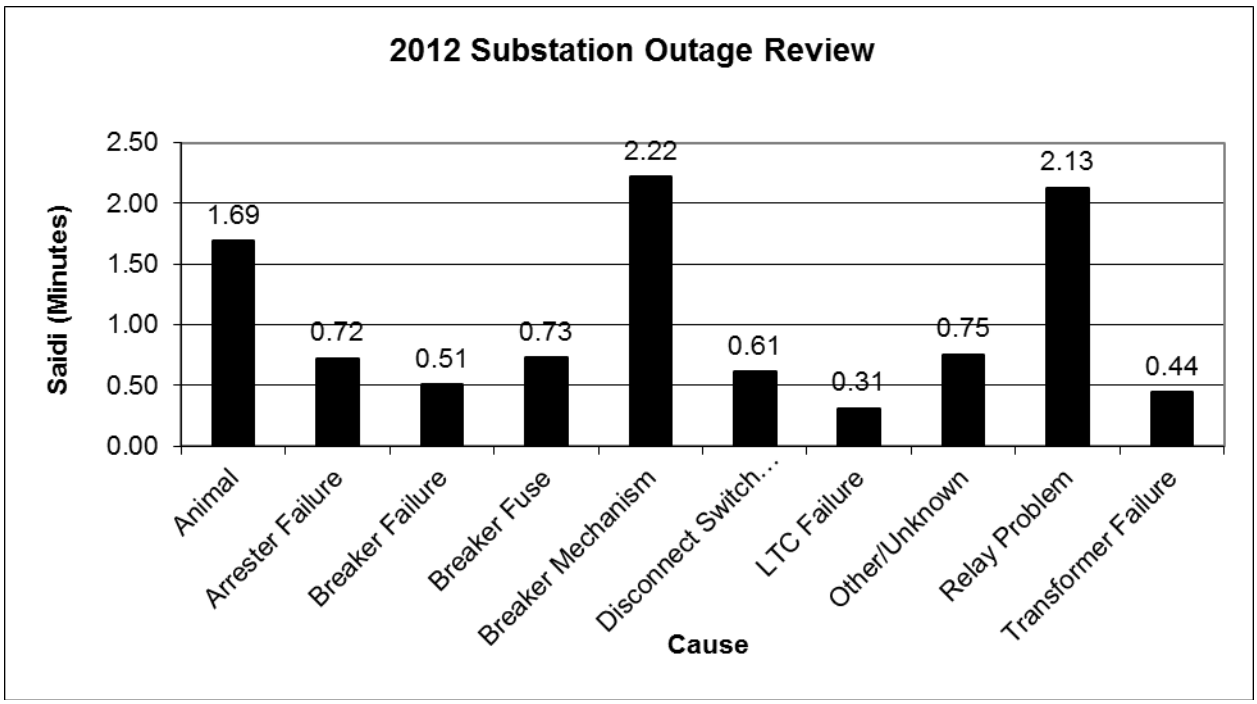
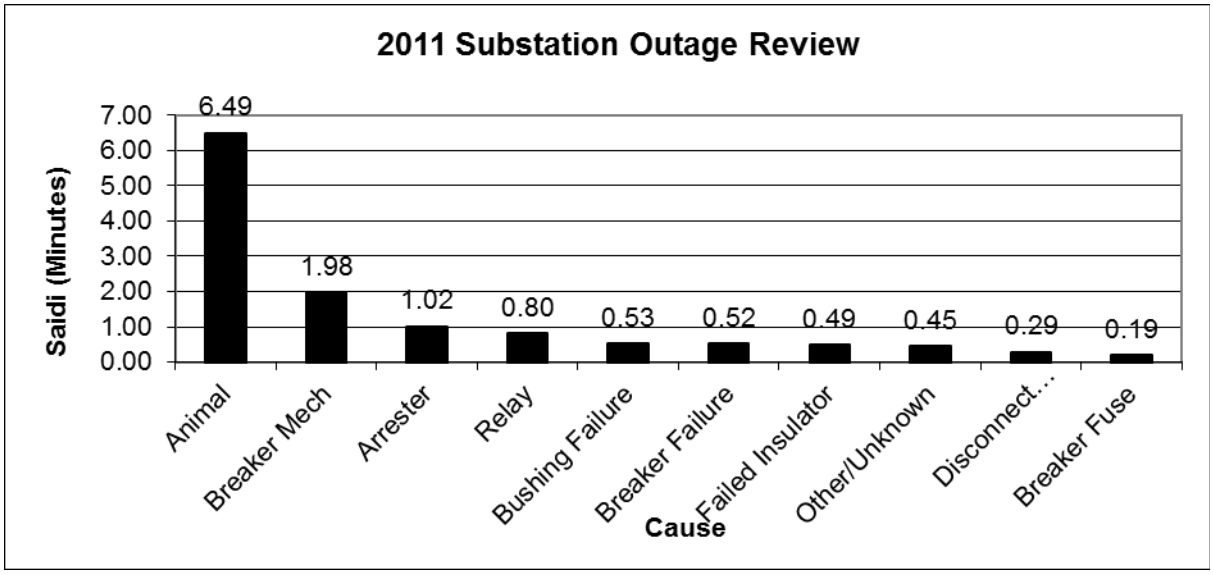
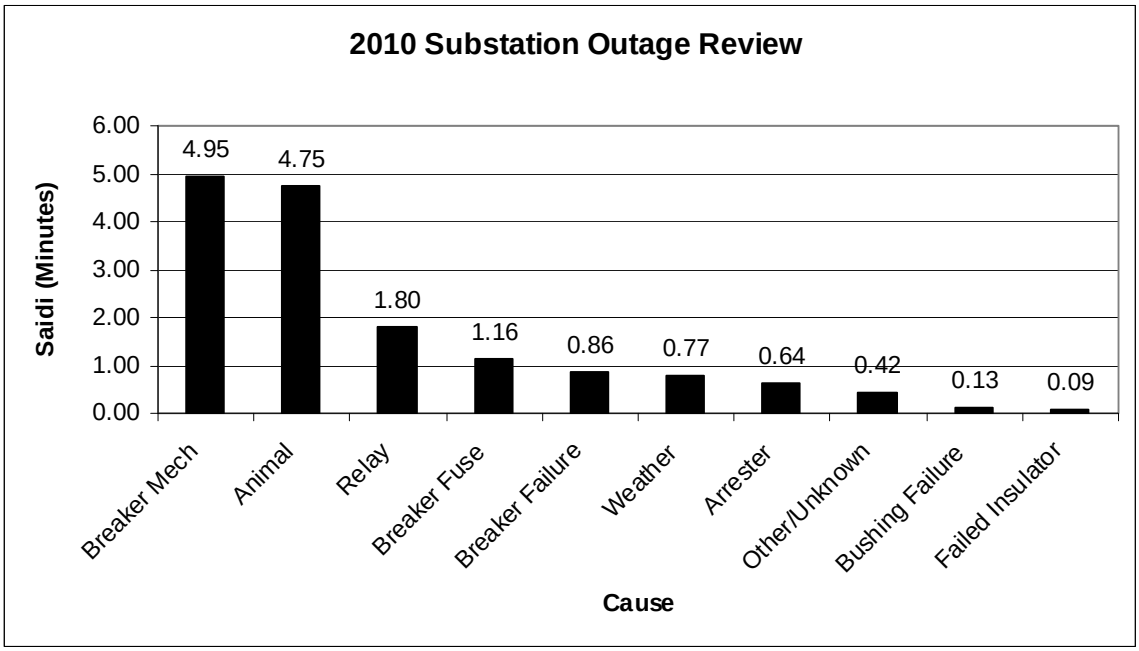


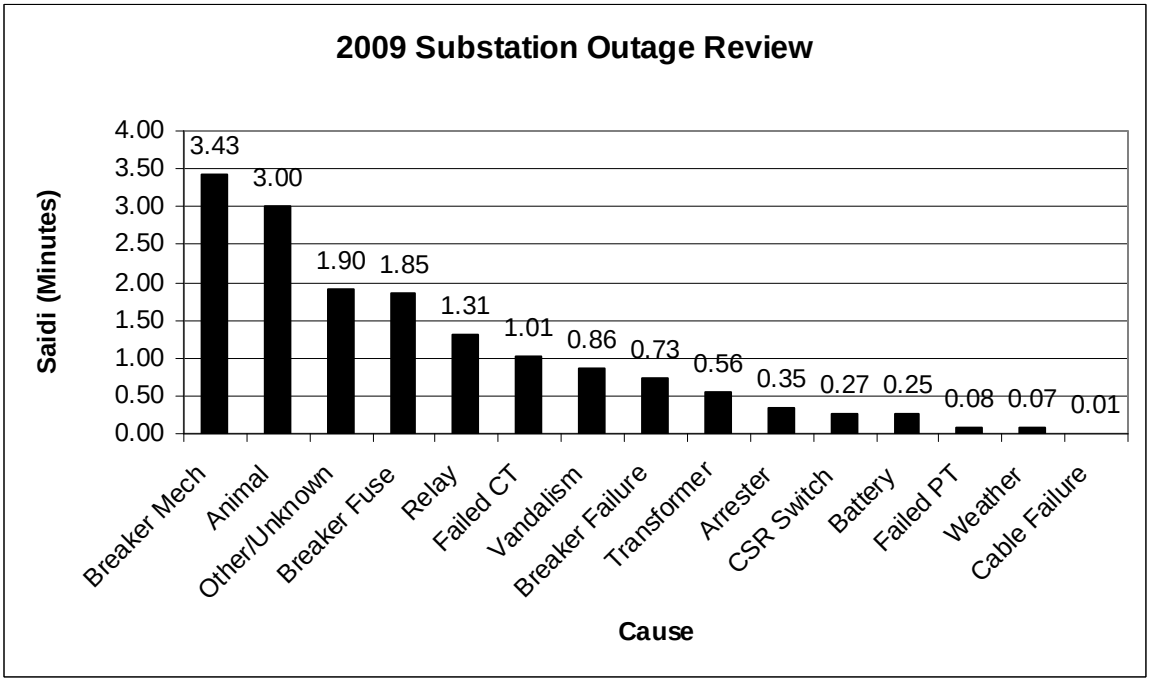

**Exhibit 3: 2011 Distribution Substation Outages**



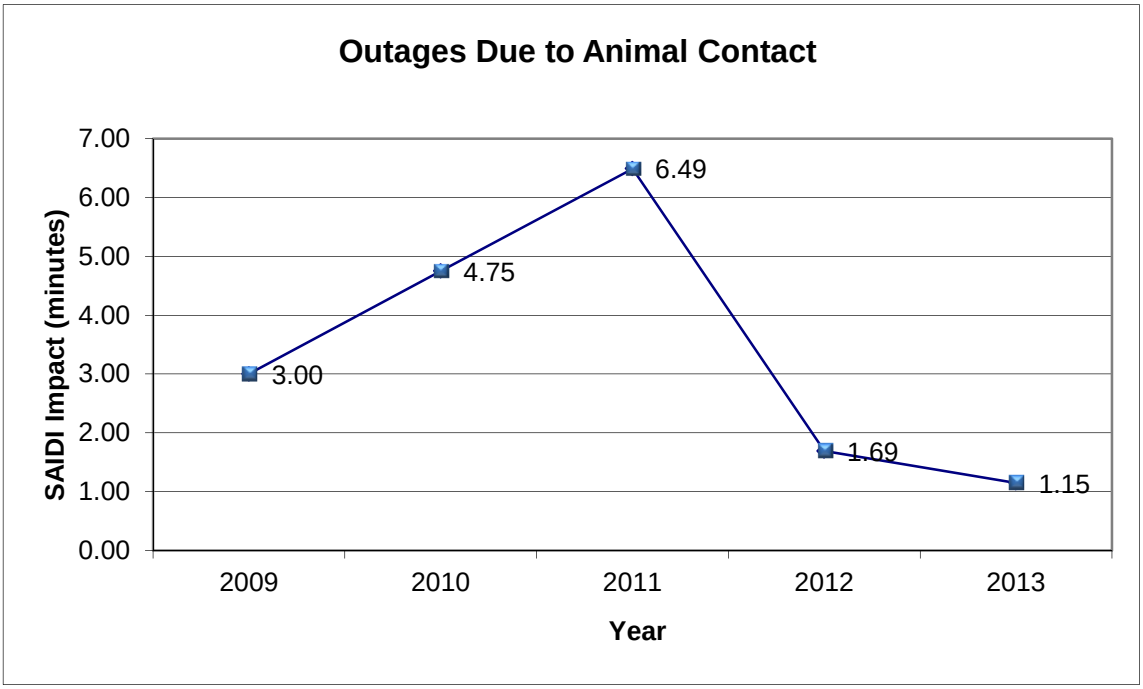
## Exhibit 4: 2010 Distribution Substation Outages



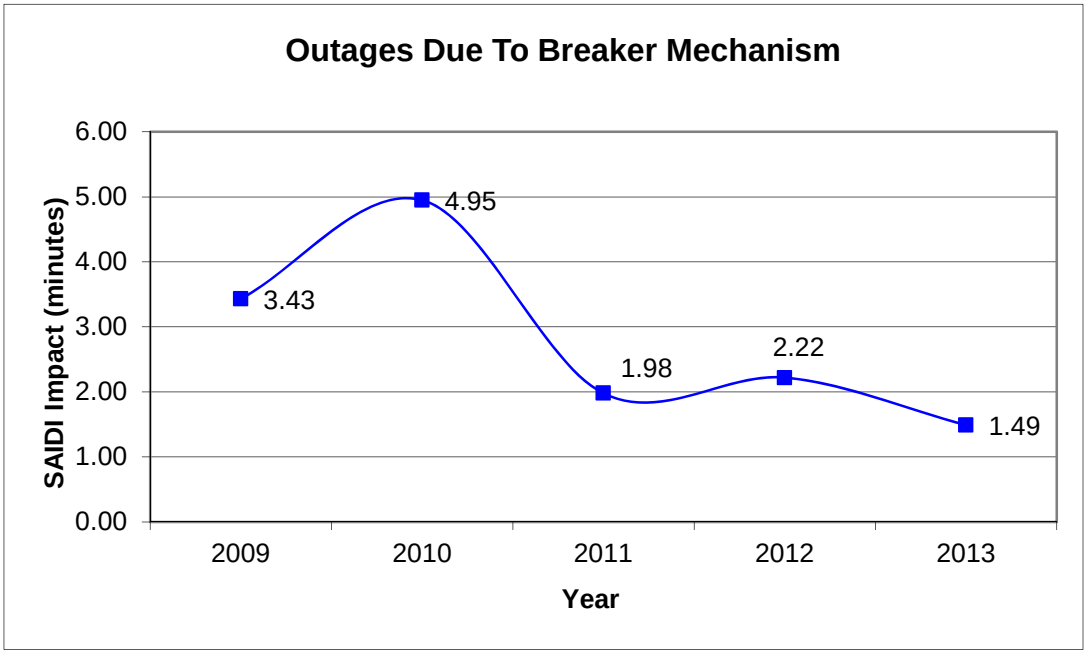

## Exhibit 5: 2009 Distribution Substation Outages



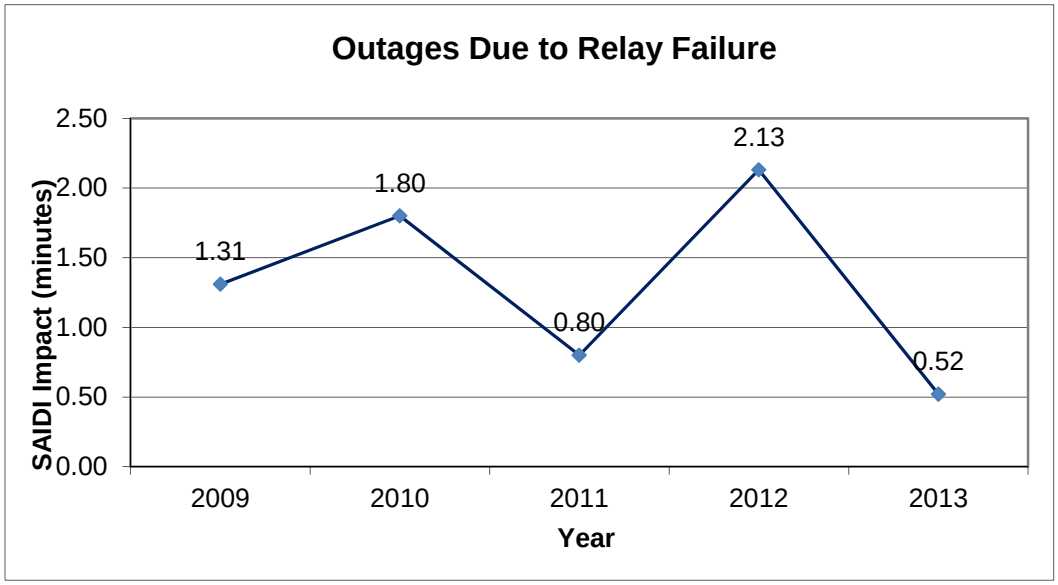
## Exhibit 6: Substation Outages due to Animal Contact




## Exhibit 7: Substation Outages due to Breaker Mechanism Problem



## Exhibit 8: Substation Outages due to Relay Failure



## G) 2013 Adjusted Distribution Reliability

### 1) Causes of Outages

**Table 2: Cause of Outage Events by Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Vegetation | 2,059 | 1,975 | 1,806 | 1,677 | 1,959 |
| Animals | 1,555 | 2,040 | 2,157 | 1,736 | 1,918 |
| Lightning | 1,498 | 1,226 | 1,392 | 1,327 | 1,639 |
| Electrical | 1,204 | 1,380 | 1,172 | 1,068 | 1,154 |
| Bad Connection | 880 | 1,090 | 848 | 905 | 837 |
| Unknown | 721 | 753 | 849 | 779 | 892 |
| Down Wire | 301 | 336 | 325 | 525 | 599 |
| Vehicle | 234 | 245 | 285 | 315 | 306 |
| Other Weather | 636 | 727 | 222 | 260 | 261 |
| Defective Equipment | 396 | 245 | 196 | 181 | 206 |
| All Remaining Causes | 235 | 206 | 223 | 215 | 187 |
| **System Totals** | 9,719 | 10,223 | 9,475 | 8,988 | 9,958 |

### 2) Three Percent Feeder

In reviewing both actual and adjusted Three Percent Feeder Lists (Forms 102 and 103, Part II) included within the Appendix of this report, eight circuits have been identified to have been listed once before in the past five years. These circuits include Fort King 13006, Gallagher Road 13723, 11th Avenue 13176, 30th Street 13160, Gulf City 13256, Kirkland 13389, Lake Region 13442 and Fort King 13004.

Actual events for Fort King 13006 included four circuit outages as reported. The company completed corrective activities on this circuit in 2013 including

tree trimming, pole replacement, replacing fused cutouts, replacing switches and replacing lightning arresters.

Actual events for Gallagher Road 13723 included four circuit outages as reported. The company completed corrective activities on this circuit in 2013 including hotspot tree trimming, the replacement of defective transformers and poles, replacing switches, the replacement of primary and the replacing lightning arresters.

Actual events for 11th Avenue 13176 included four circuit outages as reported. The company completed corrective activities on this circuit in 2013 including replacing lightning arresters, replacing poles, replacing swithes, fixing bad connections and replacing fused cutouts.

Actual events for 30th Street 13160 included three circuit outages as reported. The company completed corrective activities on this circuit in 2013 including the replacement of lightning arresters, tree trimming, replacement of padmount equipment, replacement of poles, replacement of overhead transformers and replacing defective switches.

Actual events for Gulf City 13256 included three circuit outages as reported. The company completed corrective activities on this circuit in 2013 including the installation of avian protection, replacement of lightning arrester, tree trimming and the replacement of distribution poles.

Actual events for Kirkland 13389 included three circuit outages as reported. The company completed corrective activities on this circuit in 2013 including the replacement of poles, replacement of overhead transformers, tree

trimming, installation of avian protection, replacement of lightning arrester and the replacement of distribution poles.

Actual events for Lake Region 13442 included four circuit outages as reported. The company completed corrective activities on this circuit in 2013 including tree trimming, pole replacement, replacing fused cutouts, replacing switches and replacing lightning arresters.

Actual events for Fort King 13004 included four circuit outages as reported. The company completed corrective activities on this circuit in 2013 including the replacement of lightning arresters, tree trimming, replacement of padmount equipment, replacement of poles, replacement of overhead transformers and replacing defective switches.

Other circuits identified in both “Actual” and “Adjusted” reports have had maintenance activities performed as noted on the Three Percent Feeder Report. The company will continue to monitor circuit outage performance as part of its daily and ongoing review of system reliability and will respond accordingly at a regional level.

## H) Regional Reliability Indices

### 1) Summary

Table 3 represents customers by division over the period. Dade City, Plant City and South Hillsborough have the fewest customers and represent the most rural, lowest customer density per line mile in comparison to the other four Tampa Electric divisions. Actual reliability indices for the rural areas have varied from those of the more urban, densely populated areas for this

period. This is due to the much greater distance traveled for service restoration in rural areas.

In 2013, SAIDI by division increased over 2012 in all divisions except for Central, Western and Winter Haven as represented in Table 4. 2013 SAIDI performance for all divisions except Western and Winter Haven were were above the five-year average. Actual results by division and year have varied for the five-year period.

Table 5 data represents a decrease in the 2013 CAIDI performance in comparison to 2012 for all divisions except Plant City, Eastern and Winter Haven. 2013 CAIDI performance for all divisions except South Hillsborough and Western, were above the five-year average. Actual results by division and year have varied for the five-year period.

In 2013, SAIFI performance for Central and Winter Haven improved over 2012 as noted in Table 6. SAIFI performance in the balance of the divisions declined over 2012 results. All divisions performed better than the five-year average except Central, South Hillsborough and Winter Haven.

In 2013, MAIFIe performance improved in 2013 over 2012 in Central and Plant City. All divisions had improved MAIFIe performance than the five-year average except for Dade City, Winter Haven and Plant City as noted in Table 7.

**2) Improving Regional Reliability Trends**

Tampa Electric focuses on divisional reliability through its operational management structure, which includes a divisional Operations Manager and Engineer. Planned and corrective maintenance is engineered and

coordinated to completion by divisional operations staff. The divisional management teams receive daily reports on outage activity, including date and time of outage, duration, cause, and customers affected, etc., and identify any discrepancies in the data. This daily outage reporting also affords each divisional staff with key performance information and opportunities to identify and improve any trends that might have developed on feeders or laterals in their respective areas. It is expected that feeder and lateral performance will continue to be tracked in support of improving regional reliability.

**Table 3: Number of Customers by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 179,160 | 179,810 | 181,797 | 185,005 | 188,161 |
| Dade City | 13,686 | 13,692 | 13,700 | 13,822 | 13,965 |
| Eastern | 108,206 | 109,383 | 109,876 | 111,069 | 113,053 |
| Plant City | 54,103 | 54,470 | 54,725 | 55,472 | 56,438 |
| South Hillsborough | 60,356 | 61,530 | 62,761 | 64,530 | 67,071 |
| Western | 186,960 | 187,932 | 189,200 | 191,083 | 193,320 |
| Winter Haven | 66,979 | 67,560 | 67,222 | 67,735 | 68,529 |
| System | 669,450 | 674,377 | 679,281 | 688,716 | 700,537 |

**Table 4: SAIDI by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 61.53 | 64.06 | 54.40 | 75.88 | 69.51 |
| Dade City | 137.96 | 134.55 | 170.11 | 161.12 | 260.65 |
| Eastern | 63.53 | 66.90 | 60.95 | 56.76 | 92.53 |
| Plant City | 141.26 | 143.61 | 99.39 | 109.73 | 130.57 |
| South Hillsborough | 84.97 | 101.07 | 66.77 | 89.70 | 93.59 |
| Western | 79.31 | 88.91 | 91.22 | 77.48 | 75.24 |
| Winter Haven | 59.11 | 79.24 | 86.24 | 66.76 | 61.42 |
| System | 76.69 | 84.20 | 75.96 | 78.07 | 85.05 |

**Table 5: CAIDI by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 74.59 | 87.48 | 85.32 | 88.10 | 87.53 |
| Dade City | 74.53 | 81.73 | 85.06 | 96.56 | 94.81 |
| Eastern | 70.22 | 96.07 | 75.93 | 78.07 | 106.37 |
| Plant City | 76.39 | 97.36 | 87.87 | 82.02 | 87.35 |
| South Hillsborough | 95.13 | 113.70 | 88.77 | 84.83 | 84.18 |
| Western | 78.30 | 99.23 | 93.92 | 95.79 | 87.84 |
| Winter Haven | 69.99 | 80.08 | 82.93 | 66.14 | 75.76 |
| System | 76.53 | 94.53 | 86.83 | 85.55 | 89.43 |

**Table 6: SAIFI by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 0.82 | 0.73 | 0.64 | 0.86 | 0.79 |
| Dade City | 1.85 | 1.65 | 2.00 | 1.67 | 2.75 |
| Eastern | 0.90 | 0.70 | 0.80 | 0.73 | 0.87 |
| Plant City | 1.85 | 1.48 | 1.13 | 1.34 | 1.49 |
| South Hillsborough | 0.89 | 0.89 | 0.75 | 1.06 | 1.11 |
| Western | 1.01 | 0.90 | 0.97 | 0.81 | 0.86 |
| Winter Haven | 0.84 | 0.99 | 1.04 | 1.01 | 0.81 |
| System | 1.00 | 0.89 | 0.87 | 0.91 | 0.95 |

**Table 7: MAIFIe by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 8.79 | 10.01 | 11.23 | 10.17 | 10.01 |
| Dade City | 13.41 | 16.51 | 15.64 | 15.76 | 17.42 |
| Eastern | 11.97 | 12.99 | 14.38 | 10.85 | 13.76 |
| Plant City | 19.93 | 14.78 | 17.61 | 19.84 | 17.80 |
| South Hillsborough | 13.28 | 14.20 | 13.56 | 11.21 | 12.87 |
| Western | 10.40 | 11.79 | 12.57 | 10.58 | 10.90 |
| Winter Haven | 11.16 | 11.55 | 14.47 | 9.98 | 12.56 |
| System | 11.39 | 12.04 | 13.25 | 11.36 | 12.16 |

**Table 8: CEMI5 by Service Area per Year**

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Central | 1.22% | 0.37% | 0.60% | 0.44% | 0.20% |
| Dade City | 11.50% | 0.58% | 0.67% | 3.66% | 1.48% |
| Eastern | 0.59% | 1.60% | 0.69% | 0.37% | 0.41% |
| Plant City | 11.27% | 1.22% | 0.85% | 0.90% | 1.65% |
| South Hillsborough | 2.47% | 1.04% | 0.30% | 3.49% | 0.84% |
| Western | 1.74% | 0.69% | 0.58% | 0.26% | 0.33% |
| Winter Haven | 1.69% | 3.56% | 0.80% | 0.71% | 0.01% |
| System | 2.45% | 1.11% | 0.62% | 0.79% | 0.47% |

## I) Overhead – Underground Reliability

### 1) Five-Year Trends - Reliability Performance

Examining a five-year trend from 2009 to 2013 in overall outages presented in Table 9, 2013 represented a higher than average number of total outages during the period. Overhead outages represented the majority of outages, 88.77 percent of the total outages for the period. Underground outages represented 11.23 percent in 2013 compared against total outages.

**Table 9: Outages per Year**

| System Totals | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Number of Outages Events (N) | 9,719 | 10,223 | 9,475 | 8,988 | 9,958 |
| System Average Duration (L-Bar) | 159.00 | 172.51 | 169.47 | 177.24 | 175.85 |
| Average Restoration Time (CAIDI) | 76.53 | 94.53 | 86.83 | 85.55 | 89.43 |

| Overhead | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Number of Outages Events (N) | 8,484 | 8,495 | 8,226 | 7,838 | 8,840 |
| Overhead Average Duration (L-Bar) | 141.76 | 150.43 | 150.11 | 157.12 | 159.09 |
| Average Restoration Time (CAIDI) | 72.84 | 86.80 | 82.65 | 80.87 | 85.77 |

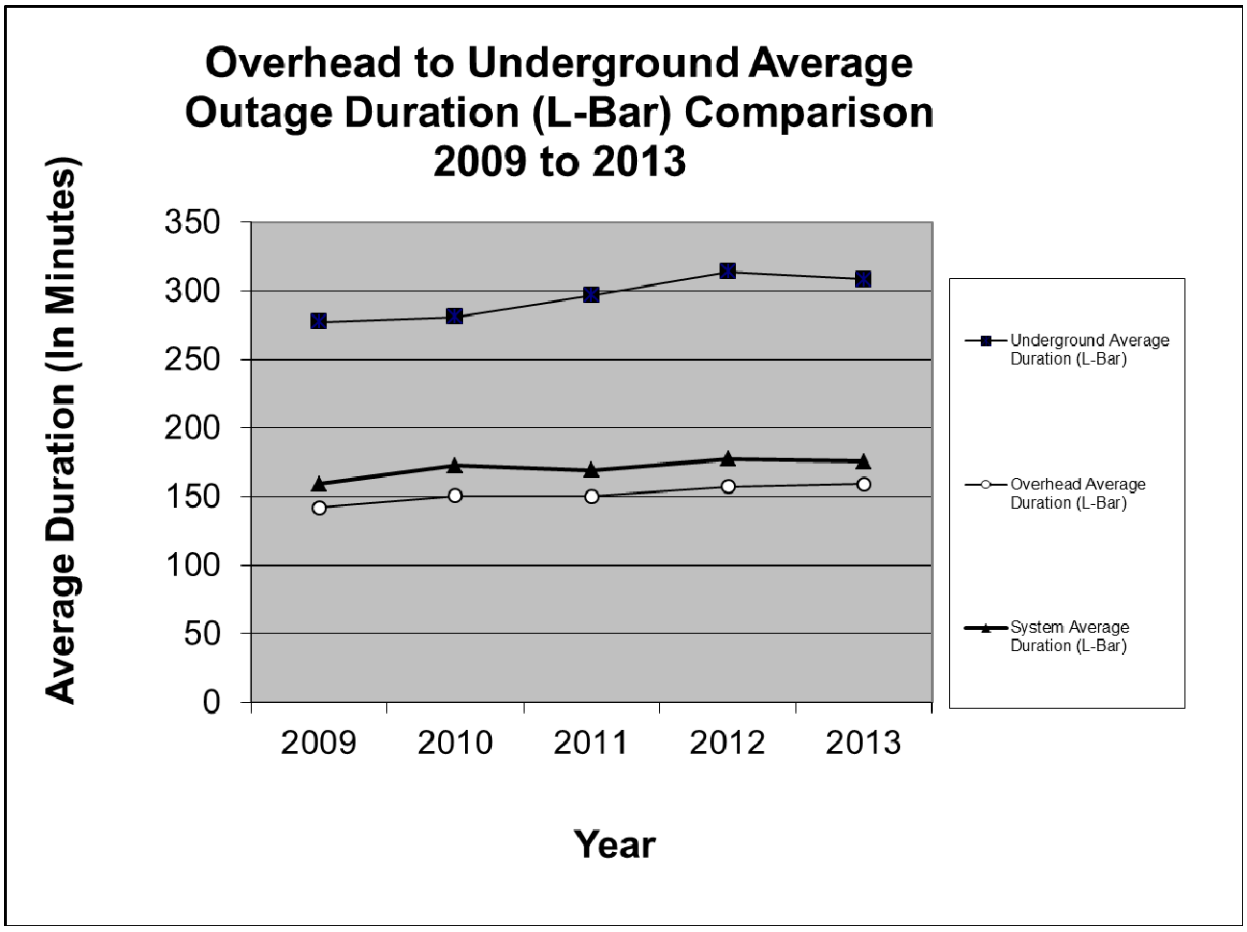
| Underground | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|
| Number of Outages Events (N) | 1,235 | 1,728 | 1,249 | 1,150 | 1,118 |
| Underground Average Duration (L-Bar) | 277.38 | 281.08 | 296.94 | 314.37 | 308.38 |
| Average Restoration Time (CAIDI) | 210.33 | 237.89 | 246.51 | 277.23 | 261.46 |

Tampa Electric miles of distribution through 2013 include 6,292 miles of overhead and 4,851 miles of underground for a total of 11,143 miles. The ratio of overhead and underground miles to total miles equates to 56.47

percent and 43.53 percent, respectively.

The overhead distribution system characteristically provides advantages for quicker troubleshooting, fault identification and shorter outage duration. Exhibit 9 below represents average outage duration (L-Bar) for the past five years. Overhead L-Bar increased in 2013 and has a five-year average of 151.74 minutes, while underground L-Bar has a five-year average of 295.6 minutes which decreased in 2013 compared to 2012. The five-year system L-Bar average is 170.85 minutes.

**Exhibit 9: Overload to Underground Outage Duration**



**2) Tracking Overhead to Underground Reliability Performance**

Tampa Electric tracks outage records in its outage database according to cause and equipment type. These equipment types are designed and associated with the overhead and underground systems. Reporting capability allows the company to track CMI, CI, Number of Outages, Average Duration and CAIDI as referenced in Section C – Overhead to Underground in the Appendix. In addition, separate reporting was undertaken in order to align miles and customers for overhead and underground distribution.

The company tracks and reports MAIFIe by system and circuit. Interruption data is electronically captured, recorded and tracked at each individual distribution circuit breaker. As a result, a momentary interruption occurring down-line from the circuit breaker and whether it's associated with overhead or underground equipment as noted above, is not currently captured and cannot be reported.

The company currently measures CEMI5 through a query that is run through its OMS. There is no option to run the query for overhead or underground systems. Therefore, the company is not able to provide CEMI5 as previously requested by Commission Staff.

**3) Underground Distribution System Conversions**

For 2013, there was no activity associated with underground distribution system conversions.

## J) Reliability-Related Customer Complaints

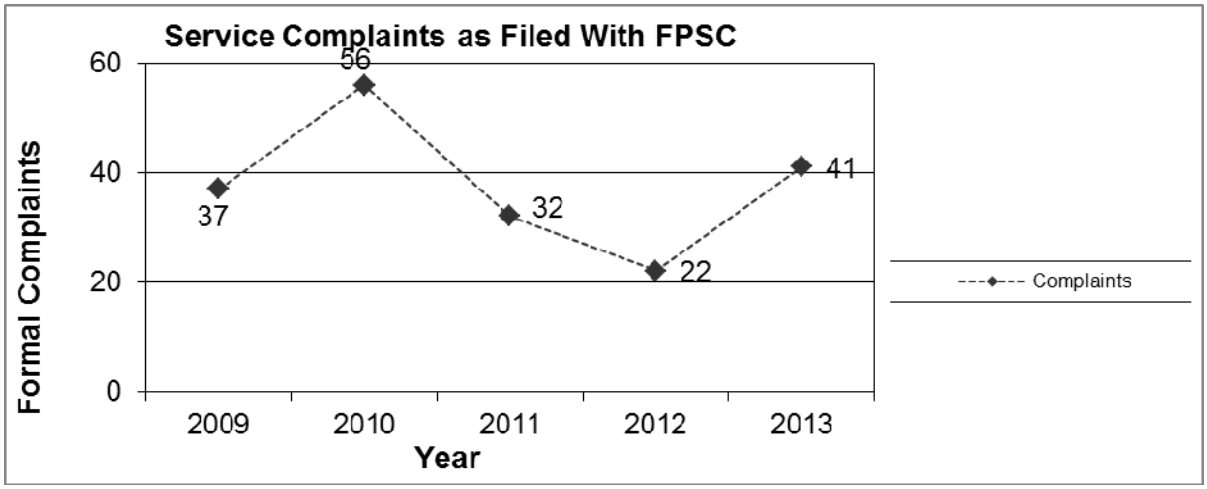
During 2013, Tampa Electric experienced a increase of 19 formal service-related complaints as logged by the Florida Division of Consumer Affairs and noted in Exhibit 10 below. In addition, service-related complaints as tracked by the company and including FPSC Formal, Three-Day, Transfer-Connect, eWarm Transfer and Executive Level increased by two complaints in 2013 as noted in Exhibit 11 below. In comparison to the five-year average, overall complaints were 3.45 percent less in 2013.

When comparing formal complaints logged against the company to reliability performance (Exhibits 12 and 13) over the last five years, it is apparent that as reliability performance has varied, complaints have tracked accordingly. The company believes that focused activity on vegetation management, circuit review activity and resulting line improvements and other maintenance activities will continue to contribute toward minimizing service-related complaints in 2014.

Tampa Electric's current process for responding to all service related complaints includes the central intake and coordination of complaint resolution through the Quality Assurance Department and extends out to Operations Engineers who are responsible for the daily oversight of feeders in their respective service area. Operations Engineers are involved in customer interactions, identifying needs and corrective measures, and are responsible for coordination through to completion. Working through and responding to complaints at a regional level affords the company an opportunity to be aware of any trends that may occur for a given feeder or lateral.

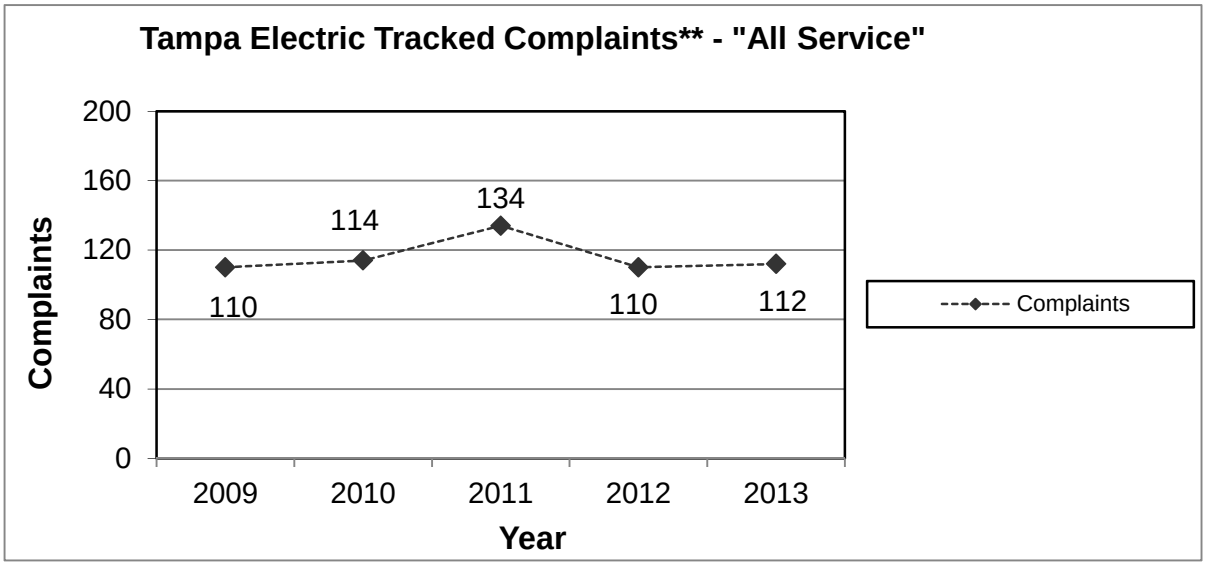
In addition, the group of Operations Engineers and System Reliability meet on a monthly basis to review common areas of concern across the system and identifies opportunities for improvement.

**Exhibit 10: Tampa electric Service Formal Complaints Filed with the FPSC by Year**




Source: FPSC Consumer Activity Reports

**Exhibit 11: Tampa Electric Service Complaints by Year**




Source: Tampa Electric FPSC Tracking System Reports

Notes: **Consists of all "Service" complaints logged by the company including FPSC Formal, Three-day, Transfer-Connect, eWarm Transfer and Executive Level.

**Exhibit 12: Formal Complaints *vs.* SAIDI by Year**

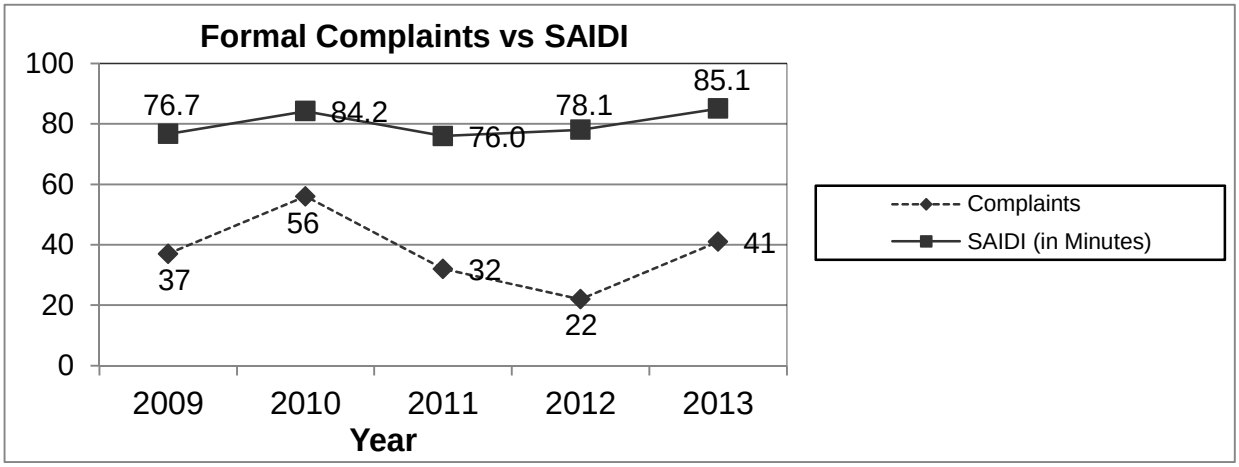
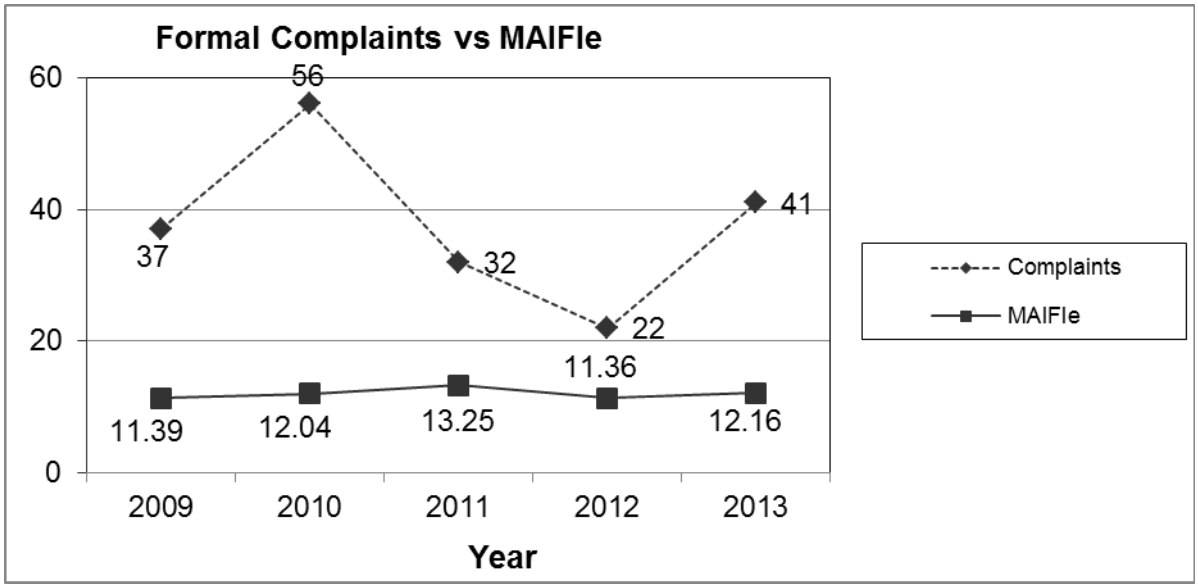



**Exhibit 13: Formal Complaints *vs.* MAIFIe by Year**




# APPENDIX

# 2013
# STORM IMPLEMENTATION PLAN
# &
# ANNUAL RELIABILITY PERFORMANCE REPORTS

**Tampa Electric Company** **March 2014**

## Appendix A) Form 102 – Part I –Actual

### PART I

### Primary Causes of Outage Events

**Utility Name: Tampa Electric** **Year: 2013**

| Cause | Number of Outages Events (N) | Average Duration (L-Bar) | Average Restoration Time (CAIDI) |
|---|---|---|---|
| (a) | (b) | (c) | (d) |
| 1. Vegetation | 2,106 | 202.59 | 101.85 |
| 2. Animals | 1,931 | 94.72 | 71.61 |
| 3. Lightning | 1,652 | 214.29 | 122.14 |
| 4. Electrical | 1,197 | 185.89 | 74.49 |
| 5. Unknown | 895 | 142.99 | 84.56 |
| 6. Bad Connection | 860 | 229.14 | 116.02 |
| 7. Down Wire | 629 | 181.85 | 72.87 |
| 8. Planned Outage | 338 | 101.70 | 21.45 |
| 9. Vehicle | 331 | 207.33 | 74.54 |
| 10. Other Weather | 294 | 193.72 | 123.60 |
| All Remaining Causes | 534 | 140.79 | 45.50 |
| System Totals | 10,767 | 172.81 | 77.22 |

Form PSC/ECR 102-1, Docket No. 011351-EI, Rule 25-6.0455(a)

Notes:
L-Bar and CAIDI are expressed in minutes.

## Form 102 – Part II –Actual

Utility Name: Tampa Electric

3 Percent Feeder List

Year: 2013

| Primary Circuit Id. No. or Name (a) | Substation Origin (b) | Location (c) | Number of Customers | | | | | Outage Events "N" (i) | Avg. Duration "L-Bar" (j) | CAIDI (k) | Listed Last Year? (l) | Years in the Last 5 (m) | Action Completion Date (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Residential (d) | Commerical (e) | Industrial (f) | Other (g) | Total (h) | | | | | | |
| CB_13236 | Caloosa | South Hillsborough | 2,170 | 207 | 26 | | 2,403 | 8 | 32.63 | 31.40 | No | 0 | 04/15/2013, 5/28/2013, 7/31/2013, 06/20/2013, 8/13/2013,9/05/2013, 12/17/2013 |
| CB_13329 | Dade City | Dade City | 485 | 229 | 39 | | 753 | 5 | 50.20 | 49.19 | No | 0 | 2/22/2013, 8/01/2013, 12/22/2013, 12/23/2013 |
| CB_13006 | Fort King | Dade City | 1,589 | 137 | 19 | | 1,745 | 4 | 38.50 | 40.38 | No | 1 | 4/30/2013, 5/02/2013, 6/07/2013, 6/10/2013, 6/27/3013, 7/26/2013, 12/21/2013 |
| CB_13117 | Lake Alfred | Winter Haven | 1,113 | 117 | 8 | | 1,238 | 4 | 14.25 | 14.32 | No | 0 | 1/28/2013, 3/08/2013, 6/06/2013, 9/27/2013, 10/15/2013, 11/21/2013 |
| CB_13176 | 11th Avenue | Central | 777 | 107 | 56 | | 940 | 4 | 40.25 | 40.41 | No | 2 | 1/8/2013, 8/30/2013, 10/23/2013, 11/05/2013 |
| CB_13214 | Fairgrounds | Eastern | 507 | 160 | 67 | | 734 | 4 | 4.25 | 4.18 | No | 0 | 1/21/2013, 1/22/2013, 7/25/2013, 8/02/2013, 9/09/2013 |
| CB_13282 | Ariana | Winter Haven | 330 | 197 | 28 | | 555 | 4 | 49.00 | 48.95 | No | 0 | 3/07/2013, 8/15/2013, 9/06/2013, 9/14/2013, 10/04/2013 |
| CB_13309 | E. Winter Haven | Winter Haven | 275 | 125 | 27 | | 427 | 4 | 37.25 | 38.58 | No | 0 | 1/07/2013, 2/26/2013, 4/30/2013, 6/07/2013, 11/26/2013 |
| CB_13442 | Lake Region | Winter Haven | 1,735 | 69 | 7 | | 1,811 | 4 | 23.75 | 23.63 | Yes | 1 | 2/24/2013, 2/28/2013, 4/30/2013, 5/15/2013, 5/17/2013, 7/10/2013, 9/02/2013 |
| CB_13461 | Clarkwild | Eastern | 985 | 102 | 28 | | 1,115 | 4 | 58.75 | 36.87 | No | 0 | 1/23/2013, 2/27/2013, 6/27/2013, 8/5/2013, 8/16/2013, 10/10/2013, 11/20/2013 |
| CB_13584 | Dale Mabry | Western | 927 | 15 | 1 | | 943 | 4 | 50.00 | 51.48 | No | 0 | 5/15/2013, 9/09/2013, 9/22/2013, 10/23/2013, 11/27/2013 |
| CB_13633 | Pine Lake | Central | 1,060 | 181 | 50 | | 1,291 | 4 | 37.00 | 44.55 | No | 0 | 2/13/20134/30/2013, 6/23/2013, 8/17/2013, 10/09/2013 11/13/2013 |
| CB_13723 | Gallagher Road | Plant City | 1,186 | 115 | 16 | | 1,317 | 4 | 36.00 | 37.00 | No | 2 | 2/19/2013, 6/14/2013, 7/18/2013, 7/19/2013, 8/22/2013, 11/21/2013 |
| CB_13724 | Gallagher Road | Plant City | 905 | 116 | 13 | | 1,034 | 4 | 24.00 | 23.93 | No | 0 | 2/10/2013, 4/22/2013, 4/26/2013, 6/14/2013, 7/21/2013 |
| CB_14041 | Harny Rd | Central | 729 | 189 | 31 | | 949 | 4 | 158.75 | 133.62 | No | 0 | 6/04/2013, 6/29/2013, 7/23/2013, 8/13/2013, 8/21/2013, |
| CB_14198 | Massaro | Eastern | 122 | 119 | 63 | | 304 | 4 | 16.50 | 16.65 | No | 0 | 1/04/2013, 3/08/2013, 4/29/2013, 6/18/2013, 9/12/2013,11/07/2013, 12/03/2013 |
| CB_13007 | Mulberry | Plant City | 314 | 176 | 46 | | 536 | 3 | 3.33 | 3.32 | No | 1 | 2/13/2013, 3/16/2013, 4/29/2013, 8/14/2013, 11/29/2013 |
| CB_13026 | Temple Terrace | Central | 1,394 | 194 | 42 | | 1,630 | 3 | 8.33 | 8.23 | No | 0 | 3/29/2013, 7/10/2013, 11/10/2013, 11/11/2013, 11/22/2013 |
| CB_13041 | Bloomingdale | Eastern | 1,258 | 34 | 2 | | 1,294 | 3 | 61.00 | 60.99 | No | 0 | 3/12/2013, 5/15/2013, 6/23/2013, 6/27/2013, 7/09/2013, |
| CB_13042 | Fern Street | Central | 1,571 | 124 | 16 | | 1,711 | 3 | 31.00 | 30.96 | No | 0 | 3/30/2013, 5/09/2013, 8/15/2013, 10/22/2013, 12/06/2013 |
| CB_13044 | Fern Street | Central | 1,581 | 144 | 22 | | 1,747 | 3 | 42.00 | 42.21 | No | 0 | 1/07/2013, 1/18/2013, 2/01/2013, 10/10/2013, 11/13/2013, 11/19/2013 |
| CB_13072 | Lois Avenue | Western | 578 | 133 | 36 | | 747 | 3 | 17.00 | 16.91 | No | 1 | 1/17/2013, 5/01/2013, 7/28/2013, 12/06/2013 |
| CB_13097 | Sunset Lane | Central | 1,137 | 62 | 8 | | 1,207 | 3 | 33.33 | 35.10 | No | 0 | 4/11/2013, 5/07/2013, 6/21/2013, 7/31/2013, 9/09/2013, 9/19/2013 |
| CB_13114 | Manhattan | Western | 2,673 | 146 | 35 | | 2,854 | 3 | 18.00 | 18.04 | No | 0 | 1/22/2013, 6/24/2013, 7/12/2013, 8/19/2013, |
| CB_13123 | Alexander Road | Plant City | 543 | 142 | 22 | | 707 | 3 | 53.67 | 58.95 | No | 0 | 2/16/2013, 4/16/2013, 8/02/2013, 8/29/2013, 9/27/2013, 10/04/2013 |
| CB_13160 | 30th Street | Central | 795 | 12 | 3 | | 810 | 3 | 33.33 | 33.35 | Yes | 1 | 6/28/201, 8/21/2013, 10/08/2013, 10/09/2013, 11/25/2013 |
| CB_13175 | 11th Avenue | Central | 1,596 | 221 | 44 | | 1,861 | 3 | 46.67 | 42.06 | No | 0 | 5/09/2013, 5/08/2013, 5/25/2013, 9/07/2013 10/30/2013 |

Form PSC/ECR 102-2, Docket No. 011351-EI, Rule 25-6.0455(b)

Notes:
L-Bar and CAIDI are based on the entire circuit.
L-Bar and CAIDI are expressed in minutes
Report DOES include PSC approved exclusions

## Form 102 – Part III –Actual

**ANNUAL DISTRIBUTION RELIABILITY REPORT - 2013**
**Utility Name: Tampa Electric**

| | | |
|---|---|---|
| **SAIDI: System Average Interruption Duration Index** | | |
| = Sum of All Customer Minutes Interrupted (CMI) | 65,889,519 | 94.06 |
| Total number of Customers Served (C) | 700,537 | |
| **CAIDI: System Average Interruption Duration Index** | | |
| = Sum of All Customer Minutes Interrupted (CMI) | 65,889,519 | 77.22 |
| Total number of Customer Interruptions (CI) | 853,304 | |
| **SAIFI: System Average Interruption Frequency Index** | | |
| = Total number of Customer Interruptions (CI) | 853,304 | 1.22 |
| Total number of Customers Served (C) | 700,537 | |
| **MAIFIe: Momentary Average Interruption Event** | | |
| = Sum of All Customer Momentary Interruption Events (CME) | 9,095,552 | 12.98 |
| Total number of Customers Served (C) | 700,537 | |
| **LBar:** | | |
| = Minutes of Interruption | 1,860,632 | 172.81 |
| Total number of Outages | 10,767 | |

| District | C | CMI | CI | CME | # Cust > 5 |
|---|---|---|---|---|---|
| Central | 188,161 | 13,875,050 | 197,009 | 2,015,075 | 379 |
| Dade City | 13,965 | 3,716,117 | 43,234 | 281,167 | 207 |
| Eastern | 113,053 | 12,248,413 | 133,170 | 1,652,873 | 468 |
| Plant City | 56,438 | 8,298,329 | 103,928 | 1,076,958 | 974 |
| South Hillsborough | 67,071 | 7,272,808 | 96,793 | 923,803 | 566 |
| Western | 193,320 | 15,646,382 | 198,075 | 2,233,181 | 644 |
| Winter Haven | 68,529 | 4,832,420 | 81,095 | 912,495 | 122 |
| System Totals | 700,537 | 65,889,519 | 853,304 | 9,095,552 | 3,502 |

## Form 102 – Part III continued – Actual

### PART III

**Service Reliability Indices - Actual**

**Utility Name: Tampa Electric** **Year: 2013**

| District or Service Area (a) | SAIDI (b) | CAIDI (c) | SAIFI (d) | MAIFIe (e) | CEMI5 (f) |
|---|---|---|---|---|---|
| Central | 73.74 | 70.43 | 1.05 | 10.71 | 0.20% |
| Dade City | 266.10 | 85.95 | 3.10 | 20.13 | 1.48% |
| Eastern | 108.34 | 91.98 | 1.18 | 14.62 | 0.41% |
| Plant City | 147.03 | 79.85 | 1.84 | 19.08 | 1.73% |
| South Hillsborough | 108.43 | 75.14 | 1.44 | 13.77 | 0.84% |
| Western | 80.94 | 78.99 | 1.02 | 11.55 | 0.33% |
| Winter Haven | 70.52 | 59.59 | 1.18 | 13.32 | 0.18% |
| System | 94.06 | 77.22 | 1.22 | 12.98 | 0.50% |

Form PSC/ECR 102-3, Docket No. 011351-EI, Rule 25-6.0455(c)

Notes:
SAIDI and CAIDI are expressed in minutes

## Appendix B) Form 103 – Part I – Adjusted

**PART I**

**Primary Causes of Outage Events - Adjusted**

**Utility Name: Tampa Electric** **Year: 2013**

| Cause | Number of Outages Events (N) | Average Duration (L-Bar) | Average Restoration Time (CAIDI) |
|---|---|---|---|
| (a) | (b) | (c) | (d) |
| 1. Vegetation | 1,959 | 202.03 | 98.81 |
| 2. Animals | 1,918 | 94.85 | 76.41 |
| 3. Lightning | 1,639 | 214.20 | 120.24 |
| 4. Electrical | 1,154 | 186.40 | 78.91 |
| 5. Unknown | 892 | 143.16 | 84.56 |
| 6. Bad Connection | 837 | 229.23 | 118.21 |
| 7. Down Wire | 599 | 187.48 | 82.44 |
| 8. Vehicle | 306 | 214.82 | 79.17 |
| 9. Other Weather | 261 | 189.84 | 127.43 |
| 10. Defective Equipment | 206 | 164.15 | 89.69 |
| All Remaining Causes | 187 | 140.52 | 48.03 |
| System Totals | 9,958 | 175.85 | 89.43 |

Form PSC/ECR 102-1, Docket No. 011351-EI, Rule 25-6.0455(a)

Notes:
L-Bar and CAIDI are expressed in minutes.

## FORM 103 - PART II – Adjusted

Utility Name: Tampa Electric — 3 Percent Feeder List — Year: 2013

| Primary Circuit Id. No. or Name (a) | Substation Origin (b) | Location (c) | Number of Customers | | | | | Outage Events "N" (i) | Avg. Duration "L-Bar" (j) | CAIDI (k) | Listed Last Year? (l) | Years in the Last 5 (m) | Action Completion Date (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Residential (d) | Commerical (e) | Industrial (f) | Other (g) | Total (h) | | | | | | |
| CB_13006 | Fort King | Dade City | 1,589 | 137 | 19 | | 1,745 | 4 | 38.50 | 40.38 | No | 1 | 4/30/2013, 5/02/2013, 6/07/2013, 6/10/2013, 6/27/3013, 7/26/2013, 12/21/2013 |
| CB_13236 | Calosca | South Hillsborough | 2,170 | 207 | 26 | | 2,403 | 4 | 42.25 | 43.68 | No | 0 | 04/15/2013, 5/28/2013, 7/31/2013, 06/20/2013, 8/13/2013,9/05/2013, 12/17/2013 |
| CB_13282 | Ariana | Winter Haven | 330 | 197 | 28 | | 555 | 4 | 49.00 | 48.95 | No | 0 | 1/04/2013, 3/16/2013, 7/05/2013, 8/16/2013 |
| CB_13329 | Dade City | Dade City | 485 | 229 | 39 | | 753 | 4 | 57.25 | 56.12 | No | 0 | 2/22/2013, 8/01/2013, 12/22/2013, 12/23/2013 |
| CB_13723 | Gallagher Road | Plant City | 1,186 | 115 | 16 | | 1,317 | 4 | 36.00 | 37.00 | No | 2 | 2/19/2013, 6/14/2013, 7/18/2013, 7/19/2013, 8/22/2013, 11/21/2013 |
| CB_14041 | Harny Rd | Central | 729 | 189 | 31 | | 949 | 4 | 158.75 | 133.62 | No | 0 | 6/04/2013, 6/29/2013, 7/23/2013,8/13/2013, 8/21/2013, |
| CB_13123 | Alexander Road | Plant City | 543 | 142 | 22 | | 707 | 3 | 53.67 | 58.95 | No | 0 | 2/16/2013, 4/16/2013, 8/02/2013, 8/29/2013, 9/27/2013, 10/04/2013 |
| CB_13160 | 30th Street | Central | 795 | 12 | 3 | | 810 | 3 | 33.33 | 33.35 | Yes | 1 | 6/28/201, 8/21/2013, 10/08/2013, 10/09/2013, 11/25/2013 |
| CB_13175 | 11th Avenue | Central | 1,596 | 221 | 44 | | 1,861 | 3 | 46.67 | 42.06 | No | 0 | 5/09/2013, 5/08/2013, 5/25/2013,9/07/2013 10/30/2013 |
| CB_13176 | 11th Avenue | Central | 777 | 107 | 56 | | 940 | 3 | 51.67 | 54.61 | No | 2 | 1/8/2013, 8/30/2013, 10/23/2013, 11/05/2013 |
| CB_13181 | 11th Avenue | Central | 785 | 120 | 46 | | 951 | 3 | 63.67 | 69.33 | No | 0 | 4/18/2013, 4/26/2013, 8/16/2013, 10/28/2013 |
| CB_13256 | Gulf City | South Hillsborough | 992 | 242 | 16 | | 1,250 | 3 | 55.67 | 55.80 | No | 1 | 1/03/2013, 2/08/2013, 4/04/2013, 8/20/2013, 10/17/2013, 12/27/2013 |
| CB_13389 | Kirkland | Plant City | 966 | 115 | 21 | | 1,102 | 3 | 77.67 | 71.24 | No | 1 | 1/18/2013, 4/11/2013, 8/04/2013, 10/18/2013, 11/11/2013, |
| CB_13423 | Fort King | Dade City | 990 | 127 | 16 | | 1,133 | 3 | 69.00 | 69.00 | No | 0 | 3/19/2013, 8/05/2013, 9/06/2013, 9/19/2013 |
| CB_13442 | Lake Region | Winter Haven | 1,735 | 69 | 7 | | 1,811 | 3 | 23.00 | 23.02 | Yes | 1 | 2/24/2013, 2/28/2013, 4/30/2013, 5/15/2013, 5/17/2013, 7/10/2013, 9/02/2013 |
| CB_13461 | Clarkwild | Eastern | 985 | 102 | 28 | | 1,115 | 3 | 77.33 | 53.67 | No | 0 | 2/25/2013, 4/15/2013, 7/18/2013, 8/01/2013, 9/11/2013, |
| CB_13462 | Alexander Road | Plant City | 595 | 175 | 85 | | 855 | 3 | 44.33 | 44.83 | No | 0 | 3/03/2013, 3/15/2013, 8/07/2013, 10/04/2013, 10/08/2013, |
| CB_13492 | Jackson Road | Western | 580 | 133 | 48 | | 761 | 3 | 10.00 | 10.04 | No | 0 | 1/25/2013, 4/19/2013, 6/03/2013, 6/14/2013, 6/21/2013, 7/19/2013 |
| CB_13584 | Dale Mabry | Western | 927 | 15 | 1 | | 943 | 3 | 61.67 | 64.34 | No | 0 | 5/15/2013, 9/09/2013, 9/22/2013, 10/23/2013, 11/27/2013 |
| CB_13592 | Seneca | Central | 2,296 | 249 | 39 | | 2,584 | 3 | 46.33 | 46.85 | No | 0 | 1/01/2013, 4/25/2013, 5/26/2013, 8/19/2013, 11/13/2013, |
| CB_13786 | Pinecrest | Plant City | 716 | 71 | 10 | | 797 | 3 | 34.33 | 34.33 | No | 0 | 1/04/2013, 1/11/2013, 1/18/2013, 2/08/2013, 8/2/2013, 8/08/2013, 8/16/2013 |
| CB_13787 | Pinecrest | Plant City | 906 | 92 | 20 | | 1,018 | 3 | 92.00 | 79.88 | No | 0 | 1/18/2013, 2/08/2013, 3/01/2013, 08/07/2013, 5/22/2013, 7/14/2013 |
| CB_13897 | 1ST STREET | South Hillsborough | 776 | 44 | 0 | | 820 | 3 | 61.33 | 67.90 | No | 0 | 5/30/2013, 6/11/2013, 6/17/2013, 10/01/2013 |
| CB_13962 | Terrace | Plant City | 817 | 94 | 22 | | 933 | 3 | 53.67 | 47.65 | No | 0 | 5/31/2013, 7/01/2013, 7/05/2013, 8/16/2013, 9/13/2013 |
| CB_14020 | Riverview | South Hillsborough | 1,113 | 112 | 38 | | 1,263 | 3 | 37.33 | 37.35 | No | 0 | 6/27/2013, 7/18/2013, 8/25/2013, 11/04/2013, 12/16/2013 |
| CB_14198 | Massaro | Eastern | 122 | 119 | 63 | | 304 | 3 | 20.33 | 20.78 | No | 0 | 1/04/2013, 3/08/2013, 4/29/2013, 6/18/2013, 9/12/2013,11/07/2013, 12/03/2013 |
| CB_13004 | Fort King | Dade City | 861 | 123 | 13 | | 997 | 2 | 41.00 | 41.00 | No | 1 | 5/01/2013, 6/23/2013, 9/03/2013, 9/09/2013, 10/03/2013 |

Form PSC/ECR 102-2, Docket No. 011351-EI, Rule 25-6.0455(b)

Notes:

L-Bar and CAIDI are based on the entire circuit.

L-Bar and CAIDI are expressed in minutes

## Form 103 – Part III – Adjusted

**PART III**
**ANNUAL DISTRIBUTION RELIABILITY REPORT - 2013**
**Utility Name: Tampa Electric**

| | | |
|---|---|---|
| **SAIDI: System Average Interruption Duration Index** | | |
| = Sum of All Customer Minutes Interrupted (CMI) | 59,580,218 | 85.05 |
| Total number of Customers Served (C) | 700,537 | |
| **CAIDI: System Average Interruption Duration Index** | | |
| = Sum of All Customer Minutes Interrupted (CMI) | 59,580,218 | 89.43 |
| Total number of Customer Interruptions (CI) | 666,245 | |
| **SAIFI: System Average Interruption Frequency Index** | | |
| = Total number of Customer Interruptions (CI) | 666,245 | 0.95 |
| Total number of Customers Served (C) | 700,537 | |
| **MAIFIe: Momentary Average Interruption Event** | | |
| = Sum of All Customer Momentary Interruption Events (CME) | 8,517,100 | 12.16 |
| Total number of Customers Served (C) | 700,537 | |
| **LBar:** | | |
| = Minutes of Interruption | 1,751,112 | 175.85 |
| Total number of Outages | 9,958 | |

| District | C | CMI | CI | CME | # Cust > 5 |
|---|---|---|---|---|---|
| Central | 188,161 | 13,078,861 | 149,430 | 1,882,669 | 367 |
| Dade City | 13,965 | 3,639,930 | 38,393 | 243,201 | 207 |
| Eastern | 113,053 | 10,460,376 | 98,338 | 1,555,643 | 463 |
| Plant City | 56,438 | 7,369,197 | 84,360 | 1,004,355 | 931 |
| South Hillsborough | 67,071 | 6,277,236 | 74,573 | 863,491 | 566 |
| Western | 193,320 | 14,545,742 | 165,596 | 2,106,829 | 636 |
| Winter Haven | 68,529 | 4,208,876 | 55,555 | 860,912 | 7 |
| System Totals | 700,537 | 59,580,218 | 666,245 | 8,517,100 | 3,307 |

## Form 103 – Part III continued – Adjusted

**PART III**

**Service Reliability Indices**

**Utility Name: Tampa Electric** **Year: 2013**

| District or Service Area | SAIDI | CAIDI | SAIFI | MAIFIe | CEMI5 |
|---|---|---|---|---|---|
| (a) | (b) | (c) | (d) | (e) | (f) |
| Central | 69.51 | 87.53 | 0.79 | 10.01 | 0.20% |
| Dade City | 260.65 | 94.81 | 2.75 | 17.42 | 1.48% |
| Eastern | 92.53 | 106.37 | 0.87 | 13.76 | 0.41% |
| Plant City | 130.57 | 87.35 | 1.49 | 17.80 | 1.65% |
| South Hillsborough | 93.59 | 84.18 | 1.11 | 12.87 | 0.84% |
| Western | 75.24 | 87.84 | 0.86 | 10.90 | 0.33% |
| Winter Haven | 61.42 | 75.76 | 0.81 | 12.56 | 0.01% |
| System | 85.05 | 89.43 | 0.95 | 12.16 | 0.47% |

Form PSC/ECR 102-3, Docket No. 011351-EI, Rule 25-6.0455(c)

Notes:
SAIDI and CAIDI are expressed in minutes

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:05 | 220 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:15 | 7293 | 187 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:10 | 1026 | 9 |
| OH Other | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:06 | 2232 | 9 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 13:59 | 2745 | 45 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:21 | 1935 | 9 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:29 | 7885 | 415 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:26 | 8470 | 70 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:30 | 162 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:33 | 82 | 1 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:33 | 6498 | 38 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:37 | 1932 | 14 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:49 | 6357 | 489 |
| Tap/Riser | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:30 | 2034 | 9 |
| Cut Out 100 amp - Tx | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:58 | 264 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 12:19 | 145 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 12:28 | 97 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 02/26/2013 11:16 | 1853 | 17 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 13:22 | 68 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 02/26/2013 15:16 | 86 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 15:18 | 102 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 16:44 | 138 | 2 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 02/26/2013 16:51 | 68 | 2 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/05/2013 21:11 | 594 | 11 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/05/2013 21:32 | 114246 | 1731 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/05/2013 22:28 | 218 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/05/2013 23:42 | 1475 | 5 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 00:24 | 67209 | 1563 |
| Cut Out 100 amp - Tx | FPSC Commission Rule 25-6.0455 | 06/06/2013 00:26 | 1264 | 8 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 01:31 | 1138 | 2 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 03:43 | 192 | 4 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 04:04 | 835 | 5 |
| Pole | FPSC Commission Rule 25-6.0455 | 06/06/2013 04:33 | 410 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 05:06 | 69224 | 1018 |

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 04:32 | 11160 | 120 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 05:14 | 77350 | 1190 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 05:32 | 39960 | 108 |
| Prim. Insulator | FPSC Commission Rule 25-6.0455 | 06/06/2013 05:07 | 13566 | 42 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 05:19 | 318 | 6 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:11 | 5858 | 58 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:25 | 3070 | 1535 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:20 | 89 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:16 | 96 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 00:23 | 203892 | 2614 |
| Step Restore | FPSC Commission Rule 25-6.0455 | 06/06/2013 01:30 | 319 | 29 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:50 | 190 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:54 | 130 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:59 | 345 | 5 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 07:24 | 558 | 3 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 07:42 | 288 | 6 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 07:43 | 560 | 8 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 08:02 | 208 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 07:33 | 357 | 1 |
| UG Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 07:41 | 187 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 08:04 | 3205 | 5 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 08:57 | 948 | 6 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:07 | 1218 | 6 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:24 | 148 | 2 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:50 | 105 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:54 | 21045 | 345 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:58 | 1111 | 11 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:03 | 595 | 5 |
| Tap/Riser | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:04 | 165 | 1 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:15 | 239 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:31 | 46 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 06:09 | 4351 | 19 |
| TX Repl (PM) | FPSC Commission Rule 25-6.0455 | 06/06/2013 09:51 | 3596 | 29 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:39 | 56 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:41 | 446 | 1 |

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:42 | 4011 | 21 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:51 | 21252 | 84 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:53 | 7981 | 23 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:35 | 47 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:56 | 4617 | 9 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:47 | 1898 | 13 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:57 | 840 | 5 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 10:48 | 1974 | 7 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:19 | 2223 | 9 |
| Connections | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:28 | 2436 | 6 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:30 | 1143 | 3 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:28 | 604 | 4 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:41 | 72 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:41 | 22066 | 649 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:48 | 6702 | 6 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:29 | 4692 | 12 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:00 | 506 | 2 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:00 | 239 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 11:55 | 2748 | 12 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:00 | 29280 | 183 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:16 | 2430 | 15 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:19 | 94 | 2 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:18 | 11820 | 60 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:10 | 3290 | 7 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:10 | 925 | 5 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:19 | 34804 | 226 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:11 | 409 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:28 | 941754 | 1254 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:28 | 985 | 5 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:18 | 994 | 7 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:22 | 61422 | 58 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:44 | 130 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:58 | 360 | 1 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:39 | 1870 | 11 |
| Cut Out 100 amp - PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:06 | 12376 | 56 |

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:09 | 30951 | 181 |
| Pole | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:23 | 817 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:25 | 70 | 2 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:27 | 796 | 4 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:29 | 81 | 1 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:25 | 860 | 4 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:38 | 549 | 3 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:56 | 292 | 2 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:11 | 196 | 4 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:41 | 1417 | 13 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 12:59 | 345 | 1 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:45 | 927 | 9 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:00 | 348 | 2 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:05 | 628 | 2 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:03 | 267 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:09 | 672 | 7 |
| Cut Out 100 amp - Tx | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:06 | 2790 | 31 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:58 | 576 | 2 |
| Pole | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:09 | 519 | 1 |
| Customer Breaker | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:43 | 110 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:52 | 4351 | 19 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:55 | 6640 | 8 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:24 | 3585 | 15 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:09 | 40 | 1 |
| Customer Breaker | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:14 | 575 | 5 |
| Tap/Riser | FPSC Commission Rule 25-6.0455 | 06/06/2013 13:52 | 15808 | 38 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:15 | 3564 | 44 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:17 | 3480 | 12 |
| TX Repr (PM) | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:16 | 854 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:46 | 84 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:02 | 882 | 1 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:57 | 102724 | 1684 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:10 | 376 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:58 | 111 | 1 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:13 | 170 | 1 |

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:25 | 26910 | 39 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:29 | 412 | 2 |
| Cross Arm | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:36 | 294 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:39 | 24130 | 95 |
| Sec. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:52 | 7744 | 8 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:00 | 177 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:28 | 34440 | 280 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:03 | 133 | 1 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:32 | 89 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:18 | 1040 | 8 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:22 | 5478 | 33 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:11 | 67 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:36 | 1496 | 11 |
| Pole | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:30 | 12000 | 10 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:32 | 2840 | 5 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:42 | 163 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:58 | 150 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:39 | 20280 | 60 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:51 | 11139 | 47 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:51 | 759 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 15:56 | 1512 | 7 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:46 | 290 | 10 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:34 | 2024 | 4 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:03 | 693 | 11 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:48 | 613 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:49 | 6480 | 36 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:06 | 6864 | 48 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:34 | 1688 | 2 |
| Cross Arm Brace | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:16 | 1855 | 5 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:27 | 48654 | 318 |
| Pole | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:45 | 555 | 1 |
| Cut Out 100 amp - Tx | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:53 | 4520 | 10 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:12 | 456 | 2 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 14:15 | 3184 | 4 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:55 | 245 | 1 |

**2013 Adjustments: Extreme Weather Outage Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 17:51 | 342 | 2 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:53 | 4024 | 8 |
| Prim. Wire | FPSC Commission Rule 25-6.0455 | 06/06/2013 19:18 | 2886 | 3 |
| Connections | FPSC Commission Rule 25-6.0455 | 06/06/2013 19:16 | 58 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 19:18 | 82 | 1 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 19:14 | 89 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 19:46 | 216 | 3 |
| OH Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 16:01 | 996 | 4 |
| Service - Non Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 18:13 | 550 | 2 |
| UG Other | FPSC Commission Rule 25-6.0455 | 06/06/2013 20:03 | 857 | 1 |
| Service - Crew | FPSC Commission Rule 25-6.0455 | 06/06/2013 20:57 | 279 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 21:06 | 31 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 21:17 | 1975 | 5 |
| Circuit Out | FPSC Commission Rule 25-6.0455 | 06/06/2013 21:58 | 10206 | 729 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 21:43 | 235 | 5 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 22:18 | 72 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 22:27 | 85 | 1 |
| TX Repr (OH) | FPSC Commission Rule 25-6.0455 | 06/06/2013 23:00 | 82 | 2 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/06/2013 23:44 | 2120 | 20 |
| URD Outage | FPSC Commission Rule 25-6.0455 | 06/07/2013 01:20 | 14760 | 24 |
| TX Repl (OH) | FPSC Commission Rule 25-6.0455 | 06/07/2013 01:40 | 285 | 1 |
| PLF | FPSC Commission Rule 25-6.0455 | 06/07/2013 03:39 | 4444 | 44 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| UG Other | Planned Outage | 01/03/2013 13:49 | 59 | 1 |
| Switch 600 amp | Planned Outage | 01/06/2013 13:08 | 324 | 27 |
| OH Other | Planned Outage | 01/07/2013 14:49 | 89 | 1 |
| OH Other | Planned Outage | 01/08/2013 07:59 | 230 | 1 |
| OH Other | Planned Outage | 01/09/2013 07:08 | 198 | 1 |
| OH Other | Planned Outage | 01/10/2013 18:07 | 284 | 2 |
| Switch 600 amp | Planned Outage | 01/12/2013 04:36 | 11560 | 289 |
| OH Other | Planned Outage | 01/16/2013 18:08 | 177 | 1 |
| OH Other | Planned Outage | 01/18/2013 08:33 | 35 | 1 |
| OH Other | Planned Outage | 01/18/2013 13:57 | 47 | 1 |
| OH Other | Planned Outage | 01/18/2013 14:34 | 45 | 1 |
| Circuit Out | Planned Outage | 01/20/2013 06:24 | 4218 | 703 |
| UG Other | Planned Outage | 01/21/2013 13:40 | 128 | 1 |
| Circuit Out | Planned Outage | 01/22/2013 09:19 | 13428 | 3357 |
| UG Other | Planned Outage | 01/22/2013 11:27 | 155 | 1 |
| OH Other | Planned Outage | 01/22/2013 13:55 | 49 | 1 |
| UG Other | Planned Outage | 01/22/2013 14:36 | 118 | 1 |
| TX Repl (PM) | Planned Outage | 01/22/2013 17:20 | 2220 | 6 |
| OH Other | Planned Outage | 01/24/2013 06:56 | 535 | 5 |
| OH Other | Planned Outage | 01/24/2013 13:59 | 116 | 4 |
| Service - Non Crew | Planned Outage | 01/24/2013 15:25 | 117 | 1 |
| OH Other | Planned Outage | 01/25/2013 09:19 | 50 | 1 |
| UG Other | Planned Outage | 01/25/2013 12:38 | 211 | 1 |
| Service - Non Crew | Planned Outage | 01/25/2013 14:32 | 155 | 1 |
| Service - Non Crew | Planned Outage | 01/28/2013 12:21 | 48 | 1 |
| Service - Non Crew | Planned Outage | 01/28/2013 15:21 | 112 | 1 |
| Service - Non Crew | Planned Outage | 01/29/2013 08:52 | 210 | 1 |
| PLF | Planned Outage | 01/24/2013 18:14 | 2964 | 228 |
| Customer Breaker | Planned Outage | 01/29/2013 12:32 | 90 | 1 |
| OH Other | Planned Outage | 01/29/2013 15:56 | 63 | 1 |
| Service - Non Crew | Planned Outage | 01/30/2013 09:37 | 62 | 1 |
| OH Other | Planned Outage | 01/30/2013 09:49 | 61 | 1 |
| Service - Crew | Planned Outage | 02/01/2013 08:03 | 197 | 1 |
| OH Other | Planned Outage | 02/01/2013 10:23 | 94 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| UG Other | Planned Outage | 02/01/2013 10:54 | 208 | 4 |
| TX Repl (PM) | Planned Outage | 02/02/2013 19:03 | 327 | 1 |
| OH Other | Planned Outage | 02/04/2013 19:45 | 90 | 1 |
| Connections | Planned Outage | 02/04/2013 20:58 | 12570 | 1257 |
| Service - Non Crew | Planned Outage | 02/05/2013 13:52 | 423 | 1 |
| Circuit Out | Planned Outage | 02/05/2013 19:04 | 8976 | 1122 |
| UG Other | Planned Outage | 02/05/2013 13:24 | 938 | 14 |
| OH Other | Planned Outage | 02/06/2013 12:06 | 50 | 1 |
| TX Repr (PM) | Planned Outage | 02/06/2013 17:16 | 9452 | 34 |
| OH Other | Planned Outage | 02/06/2013 21:08 | 2324 | 28 |
| PLF | Planned Outage | 02/07/2013 07:00 | 3060 | 153 |
| OH Other | Planned Outage | 02/07/2013 07:46 | 40 | 1 |
| OH Other | Planned Outage | 02/07/2013 09:06 | 167 | 1 |
| UG Other | Planned Outage | 02/08/2013 08:28 | 1274 | 14 |
| Service - Non Crew | Planned Outage | 02/08/2013 08:41 | 72 | 1 |
| Service - Non Crew | Planned Outage | 02/08/2013 08:38 | 146 | 1 |
| Service - Non Crew | Planned Outage | 02/08/2013 09:16 | 114 | 1 |
| Service - Non Crew | Planned Outage | 02/08/2013 09:54 | 186 | 1 |
| UG Other | Planned Outage | 02/09/2013 18:43 | 157 | 1 |
| Service - Non Crew | Planned Outage | 02/10/2013 15:30 | 134 | 1 |
| OH Other | Planned Outage | 02/12/2013 15:04 | 54 | 1 |
| Customer Breaker | Planned Outage | 02/13/2013 12:35 | 47 | 1 |
| Circuit Out | Planned Outage | 02/14/2013 15:11 | 47550 | 951 |
| Circuit Out | Planned Outage | 02/16/2013 06:59 | 4025 | 805 |
| Circuit Out | Planned Outage | 02/16/2013 07:03 | 2218 | 1109 |
| OH Other | Planned Outage | 02/16/2013 10:18 | 9324 | 148 |
| Service - Crew | Planned Outage | 02/16/2013 11:31 | 342 | 1 |
| Circuit Out | Planned Outage | 02/17/2013 05:13 | 2136 | 534 |
| Service - Non Crew | Planned Outage | 02/17/2013 09:34 | 65 | 1 |
| OH Other | Planned Outage | 02/17/2013 21:25 | 462 | 154 |
| OH Other | Planned Outage | 02/16/2013 20:40 | 9073 | 211 |
| OH Other | Planned Outage | 02/18/2013 09:09 | 215 | 1 |
| Service - Non Crew | Planned Outage | 02/19/2013 13:47 | 139 | 1 |
| Circuit Out | Planned Outage | 02/20/2013 09:29 | 699 | 699 |
| Circuit Out | Planned Outage | 02/20/2013 11:01 | 1480 | 296 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Non Crew | Planned Outage | 02/22/2013 13:40 | 49 | 1 |
| OH Other | Planned Outage | 02/25/2013 07:44 | 96 | 1 |
| OH Other | Planned Outage | 02/26/2013 08:46 | 38 | 1 |
| OH Other | Planned Outage | 02/27/2013 09:08 | 108 | 1 |
| Service - Non Crew | Planned Outage | 02/27/2013 12:23 | 41 | 1 |
| TX Repr (PM) | Planned Outage | 02/27/2013 17:25 | 574 | 2 |
| Circuit Out | Planned Outage | 02/28/2013 11:51 | 1528 | 1528 |
| Circuit Out | Planned Outage | 02/28/2013 11:51 | 1028 | 1028 |
| Crab/Secondary | Planned Outage | 02/28/2013 15:37 | 124 | 1 |
| OH Other | Planned Outage | 03/02/2013 13:28 | 18018 | 286 |
| Circuit Out | Planned Outage | 03/03/2013 01:05 | 1 | 1 |
| Step Restore | Planned Outage | 03/03/2013 03:16 | 6503 | 929 |
| OH Other | Planned Outage | 03/03/2013 15:18 | 48 | 1 |
| Circuit Out | Planned Outage | 03/04/2013 06:54 | 5325 | 1065 |
| Circuit Out | Planned Outage | 03/04/2013 07:58 | 2874 | 1437 |
| OH Other | Planned Outage | 03/04/2013 13:53 | 44 | 1 |
| Service - Non Crew | Planned Outage | 03/05/2013 11:06 | 36 | 1 |
| Service - Non Crew | Planned Outage | 03/05/2013 11:14 | 88 | 1 |
| Circuit Out | Planned Outage | 03/06/2013 06:57 | 5676 | 1892 |
| Circuit Out | Planned Outage | 03/06/2013 07:22 | 12810 | 2562 |
| Service - Non Crew | Planned Outage | 03/06/2013 09:10 | 25 | 1 |
| OH Other | Planned Outage | 03/06/2013 10:51 | 125 | 5 |
| OH Other | Planned Outage | 03/06/2013 12:51 | 36 | 1 |
| UG Other | Planned Outage | 03/08/2013 09:09 | 58 | 1 |
| Circuit Out | Planned Outage | 03/09/2013 10:35 | 2316 | 772 |
| Service - Non Crew | Planned Outage | 03/09/2013 13:37 | 78 | 1 |
| OH Other | Planned Outage | 03/10/2013 16:13 | 67 | 1 |
| UG Other | Planned Outage | 03/11/2013 10:49 | 88 | 1 |
| OCR, Sec. | Planned Outage | 03/12/2013 13:19 | 666 | 111 |
| UG Other | Planned Outage | 03/15/2013 20:30 | 90 | 1 |
| Service - Crew | Planned Outage | 03/19/2013 15:46 | 49 | 1 |
| OH Other | Planned Outage | 03/21/2013 10:47 | 147 | 1 |
| Circuit Out | Planned Outage | 03/21/2013 11:38 | 8040 | 1608 |
| PLF | Planned Outage | 03/21/2013 10:01 | 77686 | 434 |
| Service - Non Crew | Planned Outage | 03/21/2013 12:33 | 33 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Non Crew | Planned Outage | 03/22/2013 08:34 | 70 | 1 |
| OH Other | Planned Outage | 03/23/2013 12:44 | 64 | 1 |
| Circuit Out | Planned Outage | 03/24/2013 14:40 | 102396 | 1113 |
| OH Other | Planned Outage | 03/25/2013 08:22 | 48 | 1 |
| Circuit Out | Planned Outage | 03/25/2013 10:59 | 3832 | 1916 |
| Service - Non Crew | Planned Outage | 03/25/2013 14:35 | 30 | 1 |
| OH Other | Planned Outage | 03/25/2013 15:09 | 105 | 1 |
| Circuit Out | Planned Outage | 03/28/2013 08:52 | 879 | 879 |
| OH Other | Planned Outage | 03/28/2013 13:08 | 136 | 1 |
| OH Other | Planned Outage | 03/28/2013 16:24 | 44 | 1 |
| Circuit Out | Planned Outage | 03/29/2013 02:47 | 18088 | 476 |
| Circuit Out | Planned Outage | 03/29/2013 04:43 | 3808 | 476 |
| Circuit Out | Planned Outage | 03/29/2013 08:50 | 1542 | 771 |
| Circuit Out | Planned Outage | 03/29/2013 10:28 | 1428 | 476 |
| OH Other | Planned Outage | 03/29/2013 13:42 | 31 | 1 |
| Circuit Out | Planned Outage | 03/30/2013 08:50 | 5070 | 1690 |
| Customer Breaker | Planned Outage | 03/30/2013 19:05 | 75 | 1 |
| PLF | Planned Outage | 04/01/2013 07:30 | 5040 | 105 |
| Service - Non Crew | Planned Outage | 04/01/2013 12:57 | 75 | 1 |
| Service - Non Crew | Planned Outage | 04/01/2013 13:16 | 97 | 1 |
| OH Other | Planned Outage | 04/01/2013 15:53 | 2356 | 38 |
| Service - Non Crew | Planned Outage | 04/01/2013 16:17 | 209 | 1 |
| OH Other | Planned Outage | 04/03/2013 08:43 | 171 | 1 |
| OH Other | Planned Outage | 04/03/2013 09:16 | 310 | 5 |
| OH Other | Planned Outage | 04/03/2013 09:21 | 58 | 1 |
| Circuit Out | Planned Outage | 04/04/2013 05:44 | 12509 | 1787 |
| Circuit Out | Planned Outage | 04/04/2013 10:36 | 988 | 494 |
| OH Other | Planned Outage | 04/04/2013 10:35 | 2992 | 44 |
| Circuit Out | Planned Outage | 04/04/2013 11:51 | 65296 | 1166 |
| Circuit Out | Planned Outage | 04/04/2013 14:27 | 3504 | 876 |
| Circuit Out | Planned Outage | 04/04/2013 16:34 | 14630 | 770 |
| Circuit Out | Planned Outage | 04/05/2013 12:32 | 882 | 294 |
| OH Other | Planned Outage | 04/06/2013 10:13 | 41 | 1 |
| Circuit Out | Planned Outage | 04/06/2013 20:20 | 16192 | 736 |
| Step Restore | Planned Outage | 04/08/2013 10:03 | 20220 | 60 |

## 2013 Adjustments: Other Distribution Outage Events

### Outage Event Description

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Step Restore | Planned Outage | 04/08/2013 10:03 | 34594 | 98 |
| Step Restore | Planned Outage | 04/08/2013 10:03 | 17034 | 51 |
| Step Restore | Planned Outage | 04/08/2013 10:03 | 56935 | 193 |
| TX Repl (PM) | Planned Outage | 04/08/2013 21:53 | 3132 | 29 |
| TX Repl (PM) | Planned Outage | 04/08/2013 20:04 | 3132 | 29 |
| OH Other | Planned Outage | 04/09/2013 02:32 | 4235 | 11 |
| Service - Non Crew | Planned Outage | 04/10/2013 08:06 | 35 | 1 |
| Customer Breaker | Planned Outage | 04/11/2013 06:13 | 408 | 3 |
| Circuit Out | Planned Outage | 04/11/2013 11:45 | 2718 | 1359 |
| Service - Non Crew | Planned Outage | 04/12/2013 06:38 | 37 | 1 |
| Circuit Out | Planned Outage | 04/12/2013 09:45 | 1700 | 425 |
| Circuit Out | Planned Outage | 04/13/2013 09:23 | 741 | 741 |
| OH Other | Planned Outage | 04/14/2013 02:07 | 3036 | 276 |
| OH Other | Planned Outage | 04/15/2013 11:03 | 181 | 1 |
| OH Other | Planned Outage | 04/16/2013 07:55 | 407 | 1 |
| Service - Non Crew | Planned Outage | 04/16/2013 17:50 | 169 | 1 |
| OH Other | Planned Outage | 04/17/2013 07:30 | 53 | 1 |
| Service - Non Crew | Planned Outage | 04/17/2013 10:16 | 64 | 1 |
| OH Other | Planned Outage | 04/17/2013 08:11 | 8151 | 143 |
| TX Pad | Planned Outage | 04/18/2013 12:54 | 351 | 1 |
| Service - Non Crew | Planned Outage | 04/18/2013 13:42 | 40 | 1 |
| Circuit Out | Planned Outage | 04/19/2013 03:52 | 8466 | 1411 |
| Customer Breaker | Planned Outage | 04/19/2013 09:06 | 162 | 1 |
| Service - Non Crew | Planned Outage | 04/19/2013 09:16 | 319 | 1 |
| Service - Non Crew | Planned Outage | 04/19/2013 11:54 | 741 | 1 |
| PLF | Planned Outage | 04/20/2013 14:23 | 1260 | 45 |
| Circuit Out | Planned Outage | 04/20/2013 16:45 | 4442 | 2221 |
| Service - Non Crew | Planned Outage | 04/22/2013 16:39 | 110 | 1 |
| OH Other | Planned Outage | 04/23/2013 12:46 | 408 | 4 |
| Service - Non Crew | Planned Outage | 04/24/2013 07:53 | 102 | 1 |
| Service - Non Crew | Planned Outage | 04/24/2013 13:58 | 344 | 1 |
| Circuit Out | Planned Outage | 04/25/2013 07:51 | 294 | 49 |
| Circuit Out | Planned Outage | 04/25/2013 13:55 | 2368 | 592 |
| OH Other | Planned Outage | 04/26/2013 09:33 | 297 | 1 |
| Service - Non Crew | Planned Outage | 04/26/2013 14:34 | 32 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Non Crew | Planned Outage | 04/27/2013 08:46 | 74 | 1 |
| Service - Non Crew | Planned Outage | 04/29/2013 10:27 | 68 | 1 |
| Circuit Out | Planned Outage | 04/30/2013 06:03 | 11207 | 1601 |
| Circuit Out | Planned Outage | 04/30/2013 06:51 | 37389 | 1133 |
| Circuit Out | Planned Outage | 04/30/2013 07:46 | 1080 | 1080 |
| Circuit Out | Planned Outage | 04/30/2013 07:47 | 3621 | 213 |
| UG Other | Planned Outage | 05/01/2013 07:22 | 231 | 1 |
| Service - Non Crew | Planned Outage | 05/03/2013 00:43 | 14 | 1 |
| Circuit Out | Planned Outage | 05/03/2013 00:51 | 2072 | 1036 |
| OH Other | Planned Outage | 05/03/2013 07:42 | 55 | 1 |
| UG Other | Planned Outage | 05/03/2013 09:23 | 237 | 1 |
| OH Other | Planned Outage | 05/03/2013 10:21 | 55 | 1 |
| OH Other | Planned Outage | 05/06/2013 14:30 | 27 | 1 |
| UG Other | Planned Outage | 05/07/2013 08:17 | 110 | 1 |
| Service - Non Crew | Planned Outage | 05/07/2013 13:18 | 108 | 1 |
| TX Repr (PM) | Planned Outage | 05/08/2013 07:49 | 894 | 3 |
| OH Other | Planned Outage | 05/08/2013 18:17 | 303 | 3 |
| Circuit Out | Planned Outage | 05/10/2013 10:28 | 1736 | 434 |
| UG Other | Planned Outage | 05/12/2013 20:22 | 21 | 1 |
| Service - Crew | Planned Outage | 05/13/2013 13:57 | 633 | 1 |
| OH Other | Planned Outage | 05/14/2013 10:48 | 61 | 1 |
| Service - Non Crew | Planned Outage | 05/16/2013 09:24 | 59 | 1 |
| Circuit Out | Planned Outage | 05/16/2013 17:24 | 4071 | 1357 |
| Circuit Out | Planned Outage | 05/16/2013 18:10 | 1713 | 571 |
| Service - Non Crew | Planned Outage | 05/17/2013 08:01 | 83 | 1 |
| Circuit Out | Planned Outage | 05/17/2013 10:31 | 90368 | 2824 |
| Step Restore | Planned Outage | 05/17/2013 10:31 | 3852 | 107 |
| OH Other | Planned Outage | 05/17/2013 23:48 | 66 | 1 |
| Service - Non Crew | Planned Outage | 05/18/2013 17:02 | 47 | 1 |
| Circuit Out | Planned Outage | 05/20/2013 17:22 | 1518 | 506 |
| Circuit Out | Planned Outage | 05/20/2013 18:56 | 4473 | 1491 |
| Pole | Planned Outage | 05/21/2013 10:36 | 13536 | 24 |
| Step Restore | Planned Outage | 05/21/2013 10:11 | 12322 | 122 |
| Step Restore | Planned Outage | 05/21/2013 09:54 | 14868 | 126 |
| OH Other | Planned Outage | 05/21/2013 07:29 | 22032 | 102 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Circuit Out | Planned Outage | 05/21/2013 17:03 | 7830 | 783 |
| Circuit Out | Planned Outage | 05/21/2013 18:56 | 924 | 132 |
| Service - Non Crew | Planned Outage | 05/21/2013 19:09 | 83 | 1 |
| Circuit Out | Planned Outage | 05/21/2013 23:07 | 8829 | 981 |
| UG Other | Planned Outage | 05/22/2013 03:23 | 7095 | 15 |
| OH Other | Planned Outage | 05/23/2013 02:27 | 7420 | 530 |
| UG Other | Planned Outage | 05/23/2013 10:43 | 161 | 1 |
| TX Repl (PM) | Planned Outage | 05/24/2013 08:28 | 399 | 1 |
| OH Other | Planned Outage | 05/24/2013 09:44 | 181 | 1 |
| OH Other | Planned Outage | 05/24/2013 10:54 | 118 | 1 |
| Service - Non Crew | Planned Outage | 05/24/2013 11:06 | 82 | 1 |
| OH Other | Planned Outage | 05/27/2013 22:12 | 169 | 1 |
| OH Other | Planned Outage | 05/27/2013 23:06 | 24 | 1 |
| Service - Non Crew | Planned Outage | 05/28/2013 06:00 | 44 | 1 |
| Service - Non Crew | Planned Outage | 05/30/2013 08:34 | 211 | 1 |
| Customer Breaker | Planned Outage | 05/30/2013 11:57 | 137 | 1 |
| Service - Non Crew | Planned Outage | 05/31/2013 07:40 | 103 | 1 |
| Service - Non Crew | Planned Outage | 05/31/2013 08:49 | 114 | 1 |
| Sec. Wire | Planned Outage | 05/31/2013 16:58 | 56 | 1 |
| Circuit Out | Planned Outage | 06/01/2013 07:00 | 2424 | 808 |
| Circuit Out | Planned Outage | 06/01/2013 17:37 | 8304 | 1384 |
| Circuit Out | Planned Outage | 06/01/2013 21:30 | 2241 | 747 |
| Service - Non Crew | Planned Outage | 06/01/2013 21:50 | 67 | 1 |
| Circuit Out | Planned Outage | 06/02/2013 03:41 | 7810 | 710 |
| Service - Non Crew | Planned Outage | 06/02/2013 15:34 | 45 | 1 |
| Circuit Out | Planned Outage | 06/02/2013 19:16 | 14721 | 2103 |
| Circuit Out | Planned Outage | 06/02/2013 20:20 | 19472 | 2434 |
| OH Other | Planned Outage | 06/03/2013 08:44 | 208 | 1 |
| Service - Non Crew | Planned Outage | 06/03/2013 10:40 | 68 | 1 |
| OH Other | Planned Outage | 06/03/2013 15:23 | 79 | 1 |
| OH Other | Planned Outage | 06/04/2013 07:36 | 160 | 1 |
| Service - Non Crew | Planned Outage | 06/04/2013 10:08 | 121 | 1 |
| OH Other | Planned Outage | 06/04/2013 10:21 | 39 | 1 |
| OH Other | Planned Outage | 06/04/2013 15:00 | 61 | 1 |
| Service - Non Crew | Planned Outage | 06/05/2013 10:50 | 35 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Customer Breaker | Planned Outage | 06/05/2013 14:40 | 54 | 1 |
| Service - Crew | Planned Outage | 06/07/2013 08:05 | 205 | 1 |
| Service - Non Crew | Planned Outage | 06/07/2013 15:27 | 65 | 1 |
| OH Other | Planned Outage | 06/08/2013 11:09 | 96 | 1 |
| Circuit Out | Planned Outage | 06/09/2013 01:34 | 11167 | 859 |
| Service - Crew | Planned Outage | 06/09/2013 14:22 | 206 | 1 |
| Step Restore | Planned Outage | 06/09/2013 16:51 | 512 | 16 |
| Circuit Out | Planned Outage | 06/09/2013 19:47 | 3264 | 1088 |
| OH Other | Planned Outage | 06/10/2013 07:03 | 202 | 1 |
| Service - Non Crew | Planned Outage | 06/10/2013 09:19 | 96 | 1 |
| Circuit Out | Planned Outage | 06/10/2013 15:50 | 4840 | 1210 |
| Service - Non Crew | Planned Outage | 06/10/2013 19:06 | 188 | 1 |
| UG Other | Planned Outage | 06/11/2013 08:11 | 48 | 1 |
| OH Other | Planned Outage | 06/11/2013 08:47 | 155 | 1 |
| TX Repr (OH) | Planned Outage | 06/12/2013 09:00 | 428 | 1 |
| OH Other | Planned Outage | 06/12/2013 13:49 | 130 | 1 |
| UG Other | Planned Outage | 06/13/2013 08:45 | 79 | 1 |
| Service - Non Crew | Planned Outage | 06/13/2013 09:54 | 168 | 1 |
| OH Other | Planned Outage | 06/14/2013 10:42 | 65 | 1 |
| Switch 600 amp | Planned Outage | 06/15/2013 09:58 | 8840 | 221 |
| OH Other | Planned Outage | 06/15/2013 20:32 | 833 | 119 |
| OH Other | Planned Outage | 06/16/2013 00:23 | 3213 | 119 |
| OH Other | Planned Outage | 06/16/2013 21:35 | 164 | 1 |
| OH Other | Planned Outage | 06/18/2013 08:29 | 137 | 1 |
| OH Other | Planned Outage | 06/18/2013 12:37 | 156 | 1 |
| OH Other | Planned Outage | 06/18/2013 16:35 | 72 | 1 |
| Service - Non Crew | Planned Outage | 06/20/2013 11:10 | 57 | 1 |
| OH Other | Planned Outage | 06/20/2013 11:29 | 70 | 1 |
| OH Other | Planned Outage | 06/20/2013 11:50 | 15912 | 136 |
| OH Other | Planned Outage | 06/20/2013 12:34 | 380 | 4 |
| Circuit Out | Planned Outage | 06/20/2013 18:49 | 28092 | 2341 |
| OH Other | Planned Outage | 06/20/2013 17:33 | 11110 | 55 |
| Step Restore | Planned Outage | 06/20/2013 17:33 | 7693 | 49 |
| Circuit Out | Planned Outage | 06/21/2013 16:15 | 14520 | 1210 |
| Circuit Out | Planned Outage | 06/21/2013 18:37 | 33891 | 2607 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| OH Other | Planned Outage | 06/21/2013 18:32 | 466 | 2 |
| Circuit Out | Planned Outage | 06/22/2013 07:18 | 9176 | 1147 |
| Service - Crew | Planned Outage | 06/22/2013 17:39 | 543 | 1 |
| Circuit Out | Planned Outage | 06/22/2013 23:37 | 7260 | 363 |
| Service - Non Crew | Planned Outage | 06/24/2013 13:40 | 131 | 1 |
| Circuit Out | Planned Outage | 06/24/2013 14:42 | 1700 | 68 |
| Service - Non Crew | Planned Outage | 06/25/2013 07:06 | 42 | 1 |
| Circuit Out | Planned Outage | 06/26/2013 16:12 | 34229 | 2633 |
| Circuit Out | Planned Outage | 06/26/2013 17:23 | 7076 | 1769 |
| UG Other | Planned Outage | 06/27/2013 06:36 | 74 | 1 |
| Service - Non Crew | Planned Outage | 06/27/2013 11:40 | 310 | 1 |
| Service - Non Crew | Planned Outage | 06/28/2013 13:46 | 211 | 1 |
| OH Other | Planned Outage | 06/29/2013 08:24 | 42 | 1 |
| Circuit Out | Planned Outage | 06/29/2013 18:50 | 2714 | 1357 |
| UG Other | Planned Outage | 07/01/2013 03:46 | 31 | 1 |
| OH Other | Planned Outage | 07/01/2013 07:45 | 67 | 1 |
| Service - Non Crew | Planned Outage | 07/01/2013 09:39 | 73 | 1 |
| Circuit Out | Planned Outage | 07/02/2013 02:20 | 1295 | 1295 |
| OH Other | Planned Outage | 07/02/2013 10:09 | 35 | 1 |
| UG Other | Planned Outage | 07/02/2013 21:41 | 68 | 1 |
| TX Repl (PM) | Planned Outage | 07/03/2013 07:22 | 4608 | 16 |
| Circuit Out | Planned Outage | 07/04/2013 17:17 | 7553 | 1079 |
| Circuit Out | Planned Outage | 07/04/2013 18:29 | 1262 | 631 |
| OH Other | Planned Outage | 07/04/2013 20:08 | 242 | 1 |
| Service - Non Crew | Planned Outage | 07/05/2013 15:53 | 71 | 1 |
| Service - Non Crew | Planned Outage | 07/05/2013 19:13 | 224 | 1 |
| Service - Non Crew | Planned Outage | 07/06/2013 11:48 | 131 | 1 |
| OH Other | Planned Outage | 07/06/2013 16:52 | 110 | 1 |
| Service - Non Crew | Planned Outage | 07/06/2013 19:41 | 137 | 1 |
| Circuit Out | Planned Outage | 07/08/2013 04:28 | 3325 | 475 |
| Service - Non Crew | Planned Outage | 07/08/2013 10:57 | 35 | 1 |
| Service - Non Crew | Planned Outage | 07/09/2013 10:25 | 47 | 1 |
| Circuit Out | Planned Outage | 07/11/2013 08:14 | 2195 | 439 |
| Customer Breaker | Planned Outage | 07/11/2013 17:47 | 76 | 1 |
| Service - Non Crew | Planned Outage | 07/12/2013 08:06 | 81 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Non Crew | Planned Outage | 07/12/2013 08:15 | 53 | 1 |
| Customer Breaker | Planned Outage | 07/13/2013 11:27 | 33 | 1 |
| OH Other | Planned Outage | 07/13/2013 20:04 | 1470 | 6 |
| Handhole | Planned Outage | 07/15/2013 07:37 | 169 | 1 |
| Service - Non Crew | Planned Outage | 07/15/2013 08:04 | 37 | 1 |
| UG Other | Planned Outage | 07/15/2013 10:22 | 271 | 1 |
| Service - Non Crew | Planned Outage | 07/15/2013 14:41 | 50 | 1 |
| UG Other | Planned Outage | 07/16/2013 08:39 | 155 | 1 |
| Sec. Wire | Planned Outage | 07/16/2013 10:33 | 217 | 1 |
| Service - Non Crew | Planned Outage | 07/16/2013 17:57 | 32 | 1 |
| Circuit Out | Planned Outage | 07/17/2013 07:02 | 8169 | 1167 |
| Service - Non Crew | Planned Outage | 07/17/2013 16:29 | 170 | 1 |
| Circuit Out | Planned Outage | 07/17/2013 16:29 | 554400 | 1980 |
| Connections | Planned Outage | 07/17/2013 23:13 | 291 | 1 |
| OH Other | Planned Outage | 07/17/2013 23:40 | 132 | 1 |
| OH Other | Planned Outage | 07/18/2013 09:10 | 79 | 1 |
| Service - Non Crew | Planned Outage | 07/18/2013 10:47 | 99 | 1 |
| Circuit Out | Planned Outage | 07/19/2013 02:18 | 9360 | 780 |
| Customer Breaker | Planned Outage | 07/19/2013 09:39 | 113 | 1 |
| Service - Non Crew | Planned Outage | 07/19/2013 09:46 | 91 | 1 |
| OH Other | Planned Outage | 07/19/2013 16:26 | 155 | 1 |
| Circuit Out | Planned Outage | 07/20/2013 12:59 | 48160 | 1120 |
| Circuit Out | Planned Outage | 07/20/2013 13:45 | 116 | 116 |
| Service - Crew | Planned Outage | 07/20/2013 16:22 | 248 | 1 |
| Service - Non Crew | Planned Outage | 07/22/2013 11:25 | 39 | 1 |
| TX Repl (PM) | Planned Outage | 07/23/2013 08:32 | 6164 | 23 |
| Customer Breaker | Planned Outage | 07/24/2013 09:53 | 103 | 1 |
| Service - Non Crew | Planned Outage | 07/24/2013 10:38 | 33 | 1 |
| UG Other | Planned Outage | 07/24/2013 15:55 | 158 | 1 |
| OH Other | Planned Outage | 07/24/2013 20:27 | 54 | 1 |
| Circuit Out | Planned Outage | 07/25/2013 06:38 | 7728 | 1288 |
| Customer Breaker | Planned Outage | 07/25/2013 08:25 | 278 | 1 |
| Service - Non Crew | Planned Outage | 07/25/2013 09:18 | 155 | 1 |
| Service - Crew | Planned Outage | 07/25/2013 11:21 | 306 | 1 |
| Service - Non Crew | Planned Outage | 07/26/2013 08:27 | 308 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

### Outage Event Description

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Non Crew | Planned Outage | 07/26/2013 08:41 | 59 | 1 |
| Service - Crew | Planned Outage | 07/26/2013 09:08 | 792 | 1 |
| Service - Crew | Planned Outage | 07/26/2013 09:15 | 546 | 1 |
| Service - Non Crew | Planned Outage | 07/27/2013 04:57 | 73 | 1 |
| Service - Non Crew | Planned Outage | 07/29/2013 08:04 | 57 | 1 |
| OH Other | Planned Outage | 07/29/2013 13:27 | 60 | 10 |
| OCR, Sec. | Planned Outage | 07/20/2013 03:11 | 37387 | 763 |
| Service - Non Crew | Planned Outage | 07/30/2013 08:02 | 348 | 1 |
| OH Other | Planned Outage | 07/30/2013 09:19 | 293 | 1 |
| OH Other | Planned Outage | 07/30/2013 12:55 | 187 | 1 |
| Service - Crew | Planned Outage | 07/30/2013 13:27 | 183 | 1 |
| UG Other | Planned Outage | 07/30/2013 16:54 | 810 | 9 |
| OH Other | Planned Outage | 07/31/2013 13:13 | 88 | 1 |
| OH Other | Planned Outage | 07/31/2013 13:10 | 116 | 1 |
| Circuit Out | Planned Outage | 08/01/2013 05:35 | 3627 | 1209 |
| OH Other | Planned Outage | 08/01/2013 01:14 | 11487 | 547 |
| OH Other | Planned Outage | 08/01/2013 13:06 | 92 | 1 |
| Service - Non Crew | Planned Outage | 08/01/2013 14:50 | 52 | 1 |
| Service - Non Crew | Planned Outage | 08/02/2013 07:36 | 186 | 1 |
| PLF | Planned Outage | 08/03/2013 08:31 | 812 | 28 |
| OCR, Sec. | Planned Outage | 08/03/2013 14:58 | 1296 | 144 |
| URD Outage | Planned Outage | 08/04/2013 07:58 | 14826 | 42 |
| Step Restore | Planned Outage | 08/04/2013 09:45 | 7426 | 79 |
| Switch 600 amp | Planned Outage | 08/04/2013 18:49 | 21835 | 397 |
| Circuit Out | Planned Outage | 08/05/2013 12:29 | 16515 | 1101 |
| Service - Crew | Planned Outage | 08/05/2013 13:43 | 77 | 1 |
| Customer Breaker | Planned Outage | 08/05/2013 15:31 | 53 | 1 |
| Service - Non Crew | Planned Outage | 08/06/2013 09:20 | 33 | 1 |
| Circuit Out | Planned Outage | 08/06/2013 09:56 | 6696 | 279 |
| Circuit Out | Planned Outage | 08/06/2013 09:57 | 2244 | 44 |
| Circuit Out | Planned Outage | 08/06/2013 09:58 | 17664 | 384 |
| Circuit Out | Planned Outage | 08/06/2013 09:58 | 736 | 23 |
| OCR, Sec. | Planned Outage | 08/06/2013 10:46 | 3097 | 163 |
| Circuit Out | Planned Outage | 08/06/2013 16:43 | 2170 | 434 |
| Circuit Out | Planned Outage | 08/06/2013 16:53 | 433 | 433 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Circuit Out | Planned Outage | 08/06/2013 17:02 | 496 | 62 |
| OH Other | Planned Outage | 08/06/2013 18:21 | 1043 | 7 |
| UG Other | Planned Outage | 08/07/2013 02:08 | 43 | 1 |
| Service - Non Crew | Planned Outage | 08/07/2013 19:05 | 188 | 1 |
| Circuit Out | Planned Outage | 08/07/2013 23:45 | 1926 | 642 |
| Switch 600 amp | Planned Outage | 08/08/2013 11:12 | 852 | 71 |
| OH Other | Planned Outage | 08/09/2013 08:08 | 26 | 1 |
| TX Repr (PM) | Planned Outage | 08/09/2013 17:02 | 4998 | 21 |
| TX Repr (PM) | Planned Outage | 08/11/2013 22:15 | 416 | 8 |
| UG Other | Planned Outage | 08/14/2013 01:38 | 81 | 1 |
| OH Other | Planned Outage | 08/14/2013 07:34 | 441 | 1 |
| OH Other | Planned Outage | 08/15/2013 08:43 | 43 | 1 |
| OH Other | Planned Outage | 08/15/2013 09:09 | 1704 | 8 |
| UG Other | Planned Outage | 08/15/2013 10:20 | 104 | 1 |
| Prim. Wire | Planned Outage | 08/15/2013 12:40 | 140 | 1 |
| Service - Non Crew | Planned Outage | 08/15/2013 15:37 | 93 | 1 |
| Sec. Wire | Planned Outage | 08/16/2013 08:07 | 49 | 1 |
| TX Repl (PM) | Planned Outage | 08/16/2013 14:45 | 26235 | 53 |
| UG Other | Planned Outage | 08/16/2013 22:39 | 103 | 1 |
| Service - Non Crew | Planned Outage | 08/17/2013 08:12 | 70 | 1 |
| Service - Non Crew | Planned Outage | 08/17/2013 12:39 | 4 | 1 |
| Step Restore | Planned Outage | 08/19/2013 05:40 | 2318 | 61 |
| Service - Crew | Planned Outage | 08/19/2013 06:37 | 103 | 1 |
| Customer Breaker | Planned Outage | 08/19/2013 08:34 | 122 | 1 |
| OH Other | Planned Outage | 08/19/2013 11:16 | 686 | 14 |
| UG Other | Planned Outage | 08/19/2013 17:05 | 13 | 1 |
| Service - Non Crew | Planned Outage | 08/19/2013 19:28 | 68 | 1 |
| OH Other | Planned Outage | 08/20/2013 11:27 | 1981 | 7 |
| OH Other | Planned Outage | 08/20/2013 14:23 | 582 | 6 |
| OH Other | Planned Outage | 08/20/2013 14:26 | 448 | 4 |
| Circuit Out | Planned Outage | 08/20/2013 18:51 | 675 | 135 |
| Circuit Out | Planned Outage | 08/20/2013 19:18 | 774 | 774 |
| Service - Non Crew | Planned Outage | 08/21/2013 16:50 | 218 | 1 |
| Circuit Out | Planned Outage | 08/22/2013 03:53 | 19142 | 1126 |
| Service - Non Crew | Planned Outage | 08/22/2013 10:11 | 34 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Circuit Out | Planned Outage | 08/22/2013 16:40 | 15650 | 1565 |
| Step Restore | Planned Outage | 08/22/2013 16:11 | 355880 | 1148 |
| Step Restore | Planned Outage | 08/22/2013 16:11 | 117180 | 378 |
| TX Repl (PM) | Planned Outage | 08/24/2013 12:23 | 6648 | 24 |
| Circuit Out | Planned Outage | 08/24/2013 19:36 | 6617 | 509 |
| OH Other | Planned Outage | 08/25/2013 08:17 | 6946 | 302 |
| Step Restore | Planned Outage | 08/25/2013 15:18 | 33818 | 914 |
| Circuit Out | Planned Outage | 08/25/2013 15:31 | 11084 | 652 |
| Step Restore | Planned Outage | 08/26/2013 13:00 | 31616 | 494 |
| Step Restore | Planned Outage | 08/26/2013 13:04 | 12078 | 183 |
| Step Restore | Planned Outage | 08/26/2013 13:04 | 40194 | 609 |
| Step Restore | Planned Outage | 08/26/2013 13:18 | 21016 | 296 |
| Service - Non Crew | Planned Outage | 08/26/2013 13:42 | 58 | 1 |
| Step Restore | Planned Outage | 08/26/2013 16:11 | 136 | 68 |
| Circuit Out | Planned Outage | 08/26/2013 17:27 | 1158 | 193 |
| Service - Non Crew | Planned Outage | 08/27/2013 07:35 | 111 | 1 |
| Service - Non Crew | Planned Outage | 08/27/2013 08:23 | 72 | 1 |
| Service - Non Crew | Planned Outage | 08/27/2013 10:06 | 107 | 1 |
| Service - Non Crew | Planned Outage | 08/27/2013 12:27 | 243 | 1 |
| OH Other | Planned Outage | 08/27/2013 13:21 | 944 | 8 |
| Circuit Out | Planned Outage | 08/27/2013 22:36 | 985 | 985 |
| Circuit Out | Planned Outage | 08/27/2013 22:44 | 7707 | 1101 |
| Customer Breaker | Planned Outage | 08/28/2013 08:52 | 207 | 1 |
| Service - Non Crew | Planned Outage | 08/28/2013 11:37 | 102 | 1 |
| Circuit Out | Planned Outage | 08/29/2013 02:16 | 5646 | 941 |
| Service - Non Crew | Planned Outage | 08/29/2013 08:29 | 66 | 1 |
| OH Other | Planned Outage | 08/29/2013 15:24 | 262 | 1 |
| Service - Non Crew | Planned Outage | 08/30/2013 13:46 | 86 | 1 |
| Service - Non Crew | Planned Outage | 08/31/2013 07:52 | 164 | 1 |
| Service - Crew | Planned Outage | 08/31/2013 13:21 | 261 | 1 |
| Circuit Out | Planned Outage | 09/01/2013 09:19 | 8100 | 1350 |
| Service - Non Crew | Planned Outage | 09/03/2013 09:14 | 32 | 1 |
| UG Other | Planned Outage | 09/03/2013 09:54 | 81 | 1 |
| OH Other | Planned Outage | 09/04/2013 10:58 | 30 | 1 |
| Service - Non Crew | Planned Outage | 09/04/2013 18:18 | 72 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Circuit Out | Planned Outage | 09/04/2013 18:52 | 2373 | 339 |
| Circuit Out | Planned Outage | 09/04/2013 19:05 | 25620 | 1220 |
| OH Other | Planned Outage | 09/04/2013 19:23 | 146 | 1 |
| Service - Non Crew | Planned Outage | 09/05/2013 11:57 | 94 | 1 |
| OH Other | Planned Outage | 09/05/2013 13:50 | 86 | 1 |
| Circuit Out | Planned Outage | 09/06/2013 03:56 | 3882 | 1294 |
| OH Other | Planned Outage | 09/06/2013 08:32 | 86 | 1 |
| Circuit Out | Planned Outage | 09/06/2013 19:59 | 36036 | 1386 |
| OH Other | Planned Outage | 09/07/2013 07:06 | 47 | 1 |
| Service - Non Crew | Planned Outage | 09/07/2013 08:11 | 41 | 1 |
| UG Other | Planned Outage | 09/09/2013 01:47 | 238 | 1 |
| Step Restore | Planned Outage | 09/06/2013 19:59 | 17520 | 365 |
| OH Other | Planned Outage | 09/09/2013 08:50 | 207 | 1 |
| OH Other | Planned Outage | 09/09/2013 13:34 | 101 | 1 |
| Circuit Out | Planned Outage | 09/09/2013 14:21 | 5046 | 2523 |
| Circuit Out | Planned Outage | 09/11/2013 12:49 | 72119 | 1759 |
| OH Other | Planned Outage | 09/11/2013 14:49 | 112 | 1 |
| OH Other | Planned Outage | 09/12/2013 08:36 | 77 | 1 |
| Circuit Out | Planned Outage | 09/12/2013 21:15 | 10692 | 972 |
| Circuit Out | Planned Outage | 09/12/2013 20:57 | 12168 | 507 |
| Switch 600 amp | Planned Outage | 09/12/2013 20:57 | 247570 | 1303 |
| Customer Breaker | Planned Outage | 09/14/2013 05:48 | 170 | 1 |
| Circuit Out | Planned Outage | 09/14/2013 06:03 | 19854 | 1103 |
| Circuit Out | Planned Outage | 09/14/2013 06:07 | 12201 | 1743 |
| Customer Breaker | Planned Outage | 09/15/2013 09:41 | 177 | 1 |
| OH Other | Planned Outage | 09/15/2013 11:52 | 54 | 1 |
| Customer Breaker | Planned Outage | 09/15/2013 16:49 | 2652 | 6 |
| Circuit Out | Planned Outage | 09/15/2013 21:38 | 1508 | 754 |
| OH Other | Planned Outage | 09/16/2013 07:30 | 88 | 1 |
| TX Bushing | Planned Outage | 09/19/2013 13:57 | 441 | 7 |
| OH Other | Planned Outage | 09/20/2013 11:50 | 108 | 1 |
| UG Other | Planned Outage | 09/20/2013 14:53 | 76 | 1 |
| UG Other | Planned Outage | 09/21/2013 09:52 | 216 | 1 |
| Circuit Out | Planned Outage | 09/22/2013 08:21 | 12915 | 861 |
| UG Other | Planned Outage | 09/23/2013 08:44 | 370 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| LBC Cabinet | Planned Outage | 09/23/2013 20:26 | 1180 | 59 |
| OH Other | Planned Outage | 09/24/2013 14:54 | 77 | 1 |
| Circuit Out | Planned Outage | 09/25/2013 09:27 | 6372 | 1593 |
| TX Repr (OH) | Planned Outage | 09/25/2013 12:30 | 90 | 1 |
| UG Other | Planned Outage | 09/26/2013 10:37 | 94 | 1 |
| OH Other | Planned Outage | 09/26/2013 12:44 | 44 | 1 |
| UG Other | Planned Outage | 09/28/2013 10:20 | 41 | 1 |
| OH Other | Planned Outage | 09/28/2013 12:27 | 34 | 1 |
| OH Other | Planned Outage | 09/28/2013 20:15 | 111 | 1 |
| OH Other | Planned Outage | 09/30/2013 07:06 | 386 | 1 |
| OH Other | Planned Outage | 09/30/2013 09:32 | 26378 | 109 |
| Circuit Out | Planned Outage | 10/02/2013 07:03 | 4532 | 1133 |
| Circuit Out | Planned Outage | 10/03/2013 14:07 | 2290 | 1145 |
| OH Other | Planned Outage | 10/04/2013 14:05 | 60 | 2 |
| Circuit Out | Planned Outage | 10/04/2013 17:49 | 25908 | 1524 |
| Circuit Out | Planned Outage | 10/07/2013 08:34 | 36630 | 814 |
| Circuit Out | Planned Outage | 10/07/2013 08:39 | 1000 | 25 |
| Circuit Out | Planned Outage | 10/07/2013 08:41 | 36176 | 952 |
| Circuit Out | Planned Outage | 10/07/2013 08:44 | 52710 | 1506 |
| Circuit Out | Planned Outage | 10/07/2013 22:18 | 4802 | 2401 |
| Switch 600 amp | Planned Outage | 10/09/2013 12:08 | 3145 | 629 |
| OH Other | Planned Outage | 10/10/2013 08:14 | 56 | 1 |
| Service - Non Crew | Planned Outage | 10/11/2013 11:37 | 217 | 1 |
| TX Repr (PM) | Planned Outage | 10/11/2013 11:58 | 87 | 1 |
| OH Other | Planned Outage | 10/13/2013 08:18 | 645 | 5 |
| OH Other | Planned Outage | 10/15/2013 08:39 | 48 | 1 |
| Switchgear, Manual | Planned Outage | 10/16/2013 09:08 | 912 | 3 |
| UG Other | Planned Outage | 10/16/2013 10:45 | 43 | 1 |
| OH Other | Planned Outage | 10/16/2013 13:42 | 39 | 1 |
| UG Other | Planned Outage | 10/17/2013 12:59 | 27 | 1 |
| OH Other | Planned Outage | 10/18/2013 15:04 | 252 | 1 |
| Connections | Planned Outage | 10/18/2013 15:56 | 37 | 1 |
| OH Other | Planned Outage | 10/20/2013 08:46 | 756 | 9 |
| UG Other | Planned Outage | 10/21/2013 10:58 | 51 | 1 |
| UG Other | Planned Outage | 10/21/2013 15:50 | 56 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| UG Other | Planned Outage | 10/22/2013 00:04 | 1036 | 1 |
| Customer Breaker | Planned Outage | 10/22/2013 07:44 | 68 | 1 |
| OH Other | Planned Outage | 10/22/2013 07:42 | 60 | 1 |
| Sec. Wire | Planned Outage | 10/22/2013 12:49 | 105 | 1 |
| OH Other | Planned Outage | 10/22/2013 13:02 | 120 | 1 |
| OH Other | Planned Outage | 10/23/2013 09:57 | 48 | 1 |
| OH Other | Planned Outage | 10/23/2013 10:01 | 249 | 1 |
| Circuit Out | Planned Outage | 10/24/2013 09:34 | 2266 | 1133 |
| Switchgear, Manual | Planned Outage | 10/16/2013 09:08 | 3132 | 261 |
| Switchgear, Manual | Planned Outage | 10/16/2013 09:20 | 3132 | 261 |
| Circuit Out | Planned Outage | 10/25/2013 02:08 | 165920 | 1220 |
| OH Other | Planned Outage | 10/26/2013 07:48 | 336 | 7 |
| OH Other | Planned Outage | 10/28/2013 08:46 | 73 | 1 |
| UG Other | Planned Outage | 10/30/2013 13:22 | 664 | 8 |
| UG Other | Planned Outage | 10/30/2013 18:00 | 71 | 1 |
| OH Other | Planned Outage | 10/31/2013 08:41 | 141 | 1 |
| Switch 600 amp | Planned Outage | 11/03/2013 01:15 | 3840 | 240 |
| Switch 600 amp | Planned Outage | 11/03/2013 16:28 | 8680 | 155 |
| Cut Out 100 amp - PLF | Planned Outage | 11/03/2013 16:28 | 231 | 77 |
| OH Other | Planned Outage | 11/05/2013 07:39 | 413 | 1 |
| UG Other | Planned Outage | 11/05/2013 10:31 | 75 | 1 |
| OH Other | Planned Outage | 11/06/2013 07:47 | 455 | 7 |
| OH Other | Planned Outage | 11/06/2013 10:03 | 612 | 4 |
| Service - Non Crew | Planned Outage | 11/06/2013 13:18 | 39 | 1 |
| OH Other | Planned Outage | 11/06/2013 13:18 | 139 | 1 |
| UG Other | Planned Outage | 11/06/2013 22:00 | 55689 | 57 |
| Circuit Out | Planned Outage | 11/07/2013 14:46 | 2447 | 2447 |
| OH Other | Planned Outage | 11/08/2013 12:02 | 1232 | 14 |
| Load Break Elbow | Planned Outage | 11/08/2013 15:03 | 54 | 2 |
| Circuit Out | Planned Outage | 11/08/2013 16:33 | 4956 | 708 |
| OH Other | Planned Outage | 11/09/2013 08:58 | 153 | 1 |
| Circuit Out | Planned Outage | 11/09/2013 12:34 | 11220 | 1122 |
| OH Other | Planned Outage | 11/12/2013 10:25 | 47 | 1 |
| OH Other | Planned Outage | 11/12/2013 12:34 | 33 | 1 |
| Circuit Out | Planned Outage | 11/13/2013 04:56 | 14994 | 1666 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Circuit Out | Planned Outage | 11/13/2013 06:26 | 2584 | 646 |
| Service - Crew | Planned Outage | 11/14/2013 13:54 | 109 | 1 |
| OH Other | Planned Outage | 11/15/2013 21:33 | 990 | 45 |
| OH Other | Planned Outage | 11/15/2013 21:33 | 656 | 16 |
| OH Other | Planned Outage | 11/18/2013 14:28 | 98 | 1 |
| OH Other | Planned Outage | 11/19/2013 07:14 | 295 | 1 |
| OH Other | Planned Outage | 11/20/2013 07:51 | 163 | 1 |
| Circuit Out | Planned Outage | 11/20/2013 16:43 | 15612 | 1301 |
| OH Other | Planned Outage | 11/20/2013 17:57 | 48 | 1 |
| OH Other | Planned Outage | 11/21/2013 10:30 | 121 | 1 |
| Service - Crew | Planned Outage | 11/22/2013 07:45 | 300 | 1 |
| TX Repl (PM) | Planned Outage | 11/23/2013 07:09 | 365 | 1 |
| OH Other | Planned Outage | 11/23/2013 11:58 | 25 | 1 |
| OH Other | Planned Outage | 11/23/2013 12:52 | 41 | 1 |
| OH Other | Planned Outage | 11/26/2013 07:36 | 97 | 1 |
| Circuit Out | Planned Outage | 11/26/2013 07:43 | 4774 | 434 |
| OH Other | Planned Outage | 11/26/2013 09:03 | 147 | 3 |
| OH Other | Planned Outage | 11/27/2013 13:50 | 56 | 4 |
| UG Other | Planned Outage | 11/27/2013 14:46 | 135 | 1 |
| OH Other | Planned Outage | 12/02/2013 12:32 | 62 | 1 |
| OH Other | Planned Outage | 12/03/2013 12:51 | 32802 | 154 |
| OH Other | Planned Outage | 12/04/2013 14:02 | 212 | 1 |
| OH Other | Planned Outage | 12/06/2013 08:24 | 86 | 1 |
| Circuit Out | Planned Outage | 12/08/2013 07:26 | 5192 | 1298 |
| Circuit Out | Planned Outage | 12/09/2013 05:17 | 6 | 1 |
| OH Other | Planned Outage | 12/09/2013 11:35 | 348 | 6 |
| UG Other | Planned Outage | 12/09/2013 13:25 | 146 | 1 |
| OH Other | Planned Outage | 12/10/2013 07:40 | 200 | 1 |
| Customer Breaker | Planned Outage | 12/10/2013 12:57 | 48 | 1 |
| OH Other | Planned Outage | 12/10/2013 13:56 | 168 | 1 |
| OH Other | Planned Outage | 12/10/2013 13:58 | 112 | 1 |
| Circuit Out | Planned Outage | 12/10/2013 18:56 | 20664 | 1722 |
| OH Other | Planned Outage | 12/11/2013 08:15 | 207 | 1 |
| UG Other | Planned Outage | 12/12/2013 09:47 | 54 | 1 |
| OH Other | Planned Outage | 12/13/2013 10:26 | 74 | 1 |

## 2013 Adjustments: Other Distribution Outage Events

**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Service - Crew | Planned Outage | 12/13/2013 12:46 | 301 | 1 |
| Circuit Out | Planned Outage | 12/14/2013 01:00 | 18531 | 2059 |
| OH Other | Planned Outage | 12/15/2013 23:44 | 50 | 1 |
| OH Other | Planned Outage | 12/17/2013 09:22 | 43 | 1 |
| Circuit Out | Planned Outage | 12/10/2013 19:05 | 1923 | 641 |
| OH Other | Planned Outage | 12/19/2013 09:35 | 102 | 1 |
| OH Other | Planned Outage | 12/19/2013 12:00 | 209 | 1 |
| OH Other | Planned Outage | 12/19/2013 23:42 | 3588 | 26 |
| OH Other | Planned Outage | 12/20/2013 09:51 | 84 | 1 |
| Customer Breaker | Planned Outage | 12/21/2013 08:27 | 184 | 1 |
| Circuit Out | Planned Outage | 12/21/2013 09:30 | 3176 | 1588 |
| Step Restore | Planned Outage | 12/22/2013 12:11 | 5060 | 44 |
| Step Restore | Planned Outage | 12/22/2013 12:11 | 1122 | 17 |
| Switch 600 amp | Planned Outage | 12/22/2013 12:11 | 8820 | 294 |
| OH Other | Planned Outage | 12/23/2013 08:10 | 38 | 1 |
| Circuit Out | Planned Outage | 12/23/2013 10:59 | 15906 | 723 |
| OH Other | Planned Outage | 12/26/2013 09:10 | 78 | 1 |
| UG Other | Planned Outage | 12/26/2013 11:27 | 54 | 1 |
| OH Other | Planned Outage | 12/28/2013 14:17 | 31 | 1 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Substation Equipment | 1/9/2013 6:47 | 2478 | 1239 |
| Substation | Substation Equipment | 1/9/2013 13:05 | 0 | 0 |
| Substation | Substation Equipment | 1/18/2013 9:35 | 32968 | 634 |
| Substation | Substation Equipment | 1/18/2013 9:35 | 53075 | 965 |
| Substation | Substation Equipment | 1/18/2013 9:35 | 80704 | 1552 |
| Substation | Substation Equipment | 1/18/2013 9:38 | 28766 | 757 |
| Substation | Circuit Breaker | 2/1/2013 7:49 | 45237 | 887 |
| Substation | Substation Equipment | 2/2/2013 15:52 | 17384 | 328 |
| Substation | Substation Equipment | 2/2/2013 15:54 | 33198 | 503 |
| Substation | Substation Equipment | 2/2/2013 15:54 | 18160 | 454 |
| Substation | Substation Equipment | 2/2/2013 15:58 | 110 | 1 |
| Substation | Substation Equipment | 2/2/2013 15:59 | 545 | 5 |
| Substation | Substation Equipment | 2/2/2013 15:59 | 981 | 9 |
| Substation | Circuit Breaker | 2/7/2013 20:30 | 0 | 0 |
| Substation | Circuit Breaker | 2/7/2013 20:30 | 37800 | 450 |
| Substation | Circuit Breaker | 2/10/2013 6:54 | 43005 | 915 |
| Substation | Substation Equipment | 2/10/2013 8:09 | 44264 | 1006 |
| Substation | Substation Equipment | 2/10/2013 8:10 | 19085 | 347 |
| Substation | Substation Equipment | 2/10/2013 8:10 | 20160 | 288 |
| Substation | Substation Equipment | 2/10/2013 8:11 | 39800 | 995 |
| Substation | Planned Outage | 2/10/2013 9:18 | 1588 | 794 |
| Substation | Substation Equipment | 2/14/2013 10:17 | 153 | 153 |
| Substation | Substation Equipment | 2/16/2013 10:39 | 35880 | 598 |
| Substation | Substation Equipment | 2/16/2013 10:39 | 70208 | 1097 |
| Substation | Substation Equipment | 2/16/2013 10:39 | 163584 | 2304 |
| Substation | Relay and Controls | 3/4/2013 6:41 | 32960 | 320 |
| Substation | Relay and Controls | 3/4/2013 6:41 | 79581 | 647 |
| Substation | Relay and Controls | 3/4/2013 6:41 | 233103 | 1677 |
| Substation | Unknown | 3/7/2013 4:58 | 1442 | 206 |
| Substation | Unknown | 3/7/2013 4:58 | 1918 | 274 |
| Substation | Unknown | 3/7/2013 4:58 | 5390 | 770 |
| Substation | Rain | 3/12/2013 8:33 | 903 | 903 |
| Substation | Unknown | 4/4/2013 5:16 | 15007 | 349 |
| Substation | Bird or Nest - Sub\Ckt | 4/4/2013 6:49 | 34104 | 1421 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Other Substation | 4/13/2013 17:07 | 8007 | 157 |
| Substation | Other Substation | 4/13/2013 17:07 | 33372 | 412 |
| Substation | Other Substation | 4/13/2013 17:07 | 67588 | 1108 |
| Substation | Substation Equipment | 4/15/2013 8:28 | 1265 | 23 |
| Substation | Substation Equipment | 4/15/2013 8:28 | 24948 | 396 |
| Substation | Substation Equipment | 4/15/2013 8:28 | 16092 | 298 |
| Substation | Unknown | 4/17/2013 10:27 | 3051 | 1017 |
| Substation | Substation Equipment | 4/20/2013 10:21 | 26240 | 640 |
| Substation | Substation Equipment | 4/25/2013 10:22 | 37378 | 1699 |
| Substation | Substation Equipment | 4/25/2013 10:22 | 76405 | 2065 |
| Substation | Substation Equipment | 4/25/2013 17:14 | 89496 | 1017 |
| Substation | Substation Equipment | 4/25/2013 17:58 | 66924 | 468 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 1012 | 506 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 1406 | 703 |
| Substation | Substation Equipment | 4/25/2013 17:58 | 1468 | 734 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 1490 | 745 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 1764 | 882 |
| Substation | Substation Equipment | 4/25/2013 17:58 | 110085 | 895 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 2586 | 1293 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 144780 | 1524 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 3282 | 1641 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 4108 | 2054 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 5188 | 2594 |
| Substation | Bus Fault\69KV | 4/25/2013 17:58 | 5238 | 2619 |
| Substation | Substation Equipment | 4/25/2013 18:49 | 58800 | 735 |
| Substation | Substation Equipment | 4/25/2013 18:49 | 59600 | 745 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 0 | 0 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 0 | 0 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 378 | 7 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 11542 | 199 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 78192 | 1448 |
| Substation | Substation Equipment | 5/1/2013 9:41 | 126711 | 2223 |
| Substation | Lightning | 6/1/2013 23:50 | 141564 | 753 |
| Substation | Lightning | 6/1/2013 23:50 | 208402 | 1319 |
| Substation | Lightning | 6/1/2013 23:50 | 173145 | 1455 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Lightning | 6/1/2013 23:50 | 404244 | 1773 |
| Substation | Substation Equipment | 6/4/2013 9:17 | 28 | 7 |
| Substation | Vandalism | 6/11/2013 19:14 | 830 | 415 |
| Substation | Vandalism | 6/11/2013 19:14 | 1534 | 767 |
| Substation | Vandalism | 6/11/2013 19:14 | 3218 | 1609 |
| Substation | Switch | 6/26/2013 14:22 | 2448 | 153 |
| Substation | Short\Primary | 6/29/2013 16:57 | 0 | 0 |
| Substation | Short\Primary | 6/29/2013 16:57 | 0 | 0 |
| Substation | Short\Primary | 6/29/2013 16:57 | 0 | 0 |
| Substation | Short\Primary | 6/29/2013 16:57 | 4773 | 111 |
| Substation | Short\Primary | 6/29/2013 16:57 | 8967 | 183 |
| Substation | Short\Primary | 6/29/2013 16:57 | 10640 | 266 |
| Substation | Bus Fault\69KV | 7/4/2013 4:46 | 2928 | 732 |
| Substation | Bus Fault\69KV | 7/4/2013 4:46 | 5860 | 1465 |
| Substation | Bus Fault\69KV | 7/4/2013 4:46 | 11140 | 2785 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 960 | 320 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 1443 | 481 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 2541 | 847 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 2874 | 958 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 3219 | 1073 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 4461 | 1487 |
| Substation | Bus Fault\69KV | 7/4/2013 4:47 | 4734 | 1578 |
| Substation | Bus Fault\69KV | 7/4/2013 4:50 | 45346 | 1106 |
| Substation | Bus Fault\69KV | 7/4/2013 4:51 | 87932 | 1691 |
| Substation | Bus Fault\69KV | 7/4/2013 4:53 | 41323 | 961 |
| Substation | Bus Fault\13KV | 7/10/2013 20:18 | 53768 | 611 |
| Substation | Bus Fault\13KV | 7/10/2013 20:18 | 120384 | 1216 |
| Substation | Bus Fault\13KV | 7/10/2013 20:20 | 136719 | 1381 |
| Substation | Bus Fault\13KV | 7/10/2013 20:20 | 77400 | 1032 |
| Substation | Bus Fault\13KV | 7/17/2013 9:58 | 20034 | 371 |
| Substation | Bus Fault\13KV | 7/17/2013 9:58 | 53550 | 1071 |
| Substation | Bus Fault\13KV | 7/17/2013 9:58 | 82000 | 1640 |
| Substation | Bus Fault\13KV | 7/17/2013 9:58 | 15318 | 333 |
| Substation | Squirrel - Sub\Ckt | 7/19/2013 9:27 | 55564 | 958 |
| Substation | Squirrel - Sub\Ckt | 7/19/2013 9:27 | 200900 | 2870 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Squirrel - Sub\Ckt | 7/19/2013 9:28 | 19350 | 450 |
| Substation | Human Switching | 7/22/2013 8:30 | 1330 | 665 |
| Substation | Human Switching | 7/22/2013 8:30 | 3340 | 1670 |
| Substation | Human Switching | 7/24/2013 8:39 | 3039 | 1013 |
| Substation | Bus Fault\13KV | 7/25/2013 22:56 | 93870 | 1341 |
| Substation | Bus Fault\13KV | 7/25/2013 22:56 | 76736 | 1199 |
| Substation | Bus Fault\13KV | 7/25/2013 22:56 | 27700 | 554 |
| Substation | Bus Fault\13KV | 7/25/2013 22:57 | 71001 | 1029 |
| Substation | Substation Equipment | 7/31/2013 18:16 | 39522 | 941 |
| Substation | Substation Equipment | 7/31/2013 18:17 | 82260 | 914 |
| Substation | Substation Equipment | 7/31/2013 18:45 | 17577 | 279 |
| Substation | Substation Equipment | 7/31/2013 18:52 | 10326 | 1721 |
| Substation | Substation Equipment | 7/31/2013 19:26 | 32725 | 275 |
| Substation | Substation Equipment | 7/31/2013 19:26 | 76752 | 656 |
| Substation | Substation Equipment | 7/31/2013 19:26 | 5880 | 49 |
| Substation | Substation Equipment | 7/31/2013 19:27 | 0 | 0 |
| Substation | Circuit Breaker | 8/6/2013 0:59 | 894 | 894 |
| Substation | Lightning | 8/7/2013 18:32 | 6060 | 303 |
| Substation | Lightning | 8/7/2013 18:32 | 2352 | 84 |
| Substation | Lightning | 8/7/2013 18:33 | 96 | 1 |
| Substation | Lightning | 8/7/2013 18:33 | 3330 | 90 |
| Substation | Other Transmission | 8/14/2013 15:25 | 119 | 119 |
| Substation | Other Transmission | 8/14/2013 15:25 | 805 | 805 |
| Substation | Other Transmission | 8/14/2013 15:25 | 991 | 991 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1114 | 1114 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1132 | 1132 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1267 | 1267 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1270 | 1270 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1326 | 1326 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1462 | 1462 |
| Substation | Other Transmission | 8/14/2013 15:25 | 1698 | 1698 |
| Substation | Other Transmission | 8/14/2013 15:25 | 2239 | 2239 |
| Substation | Bus Fault\13KV | 8/20/2013 17:49 | 9520 | 280 |
| Substation | Bus Fault\13KV | 8/20/2013 17:50 | 21010 | 382 |
| Substation | Bus Fault\13KV | 8/20/2013 17:54 | 2385 | 45 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Bus Fault\13KV | 8/20/2013 17:54 | 897 | 23 |
| Substation | Substation Equipment | 8/21/2013 16:18 | 2961 | 987 |
| Substation | Substation Equipment | 8/21/2013 16:21 | 2218 | 2218 |
| Substation | Bus Fault\13KV | 8/23/2013 18:49 | 0 | 0 |
| Substation | Bus Fault\13KV | 8/23/2013 18:49 | 0 | 0 |
| Substation | Bus Fault\69KV | 8/23/2013 18:49 | 0 | 0 |
| Substation | Bus Fault\69KV | 8/23/2013 18:49 | 0 | 0 |
| Substation | Substation Equipment | 8/23/2013 18:49 | 0 | 0 |
| Substation | Substation Equipment | 8/23/2013 18:49 | 0 | 0 |
| Substation | Substation Transformer Failure | 8/23/2013 18:49 | 0 | 0 |
| Substation | Substation Transformer Failure | 8/23/2013 18:49 | 0 | 0 |
| Substation | Substation Equipment | 8/23/2013 18:49 | 5800 | 145 |
| Substation | Bus Fault\13KV | 8/23/2013 18:49 | 15160 | 379 |
| Substation | Substation Transformer Failure | 8/23/2013 18:49 | 23640 | 591 |
| Substation | Bus Fault\69KV | 8/23/2013 18:49 | 29160 | 729 |
| Substation | Relay and Controls | 8/29/2013 16:00 | 5852 | 133 |
| Substation | Relay and Controls | 8/29/2013 16:00 | 80564 | 1831 |
| Substation | Relay and Controls | 8/29/2013 16:01 | 23936 | 544 |
| Substation | Substation Equipment | 8/30/2013 21:45 | 124740 | 1134 |
| Substation | Substation Equipment | 9/1/2013 15:11 | 13600 | 160 |
| Substation | Substation Equipment | 9/5/2013 18:36 | 12690 | 282 |
| Substation | Underfrequency Relay | 9/9/2013 5:46 | 104544 | 968 |
| Substation | Underfrequency Relay | 9/9/2013 5:46 | 71755 | 635 |
| Substation | Substation Equipment | 9/12/2013 12:46 | 43164 | 981 |
| Substation | Substation Equipment | 9/12/2013 12:48 | 97822 | 1658 |
| Substation | Substation Equipment | 9/12/2013 12:48 | 60947 | 1033 |
| Substation | Unknown | 9/19/2013 9:44 | 6942 | 2314 |
| Substation | Substation Equipment | 9/29/2013 20:32 | 3378 | 1689 |
| Substation | Circuit Breaker | 10/1/2013 7:04 | 17314 | 787 |
| Substation | Circuit Breaker | 10/1/2013 7:04 | 36333 | 1101 |
| Substation | Circuit Breaker | 10/1/2013 7:04 | 66963 | 1313 |
| Substation | Circuit Breaker | 10/1/2013 7:04 | 47158 | 1387 |
| Substation | Substation Equipment | 10/7/2013 8:33 | 18676 | 406 |

**2013 Adjustments: Substation Events**
**Outage Event Description**

| Outage Event | Reason For Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Substation | Substation Equipment | 10/7/2013 8:36 | 0 | 0 |
| Substation | Animal (Other) - Sub\Ckt | 10/8/2013 2:51 | 84952 | 1036 |
| Substation | Animal (Other) - Sub\Ckt | 10/8/2013 2:51 | 153500 | 1535 |
| Substation | Animal (Other) - Sub\Ckt | 10/8/2013 2:51 | 66880 | 1760 |
| Substation | Substation Equipment | 10/12/2013 8:44 | 1782 | 891 |
| Substation | Circuit Breaker | 10/15/2013 9:13 | 10934 | 994 |
| Substation | Bus Fault\13KV | 10/20/2013 10:27 | 8052 | 244 |
| Substation | Bus Fault\13KV | 10/20/2013 10:27 | 17168 | 296 |
| Substation | Bus Fault\13KV | 10/20/2013 10:27 | 79351 | 1087 |
| Substation | Bus Fault\13KV | 10/20/2013 10:27 | 51885 | 1153 |
| Substation | Substation Equipment | 10/31/2013 7:18 | 396 | 12 |
| Substation | Substation Equipment | 11/6/2013 1:13 | 250 | 250 |
| Substation | Substation Equipment | 11/8/2013 15:09 | 0 | 0 |
| Substation | Short\Primary | 12/10/2013 17:49 | 0 | 0 |
| Substation | Short\Primary | 12/10/2013 17:49 | 33000 | 500 |
| Substation | Substation Equipment | 12/10/2013 17:49 | 19920 | 415 |
| Substation | Substation Equipment | 12/10/2013 17:49 | 41949 | 531 |
| Substation | Circuit Breaker | 12/17/2013 7:08 | 0 | 0 |
| Substation | Circuit Breaker | 12/17/2013 7:08 | 0 | 0 |
| Substation | Circuit Breaker | 12/17/2013 7:08 | 1584 | 16 |
| Substation | Circuit Breaker | 12/17/2013 7:08 | 2790 | 30 |
| Substation | Circuit Breaker | 12/17/2013 7:08 | 43355 | 667 |
| Substation | Electrical (Other) | 12/22/2013 19:17 | 70587 | 759 |
| Substation | Electrical (Other) | 12/22/2013 19:17 | 84724 | 1436 |
| Substation | Unknown | 12/22/2013 19:17 | 139515 | 1965 |

**2013 Adjustments: Transmission Events**

**Outage Event Description**

| Outage Event | Reason for Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Transmission | Other Transmission | 1/31/2013 15:29 | 4326 | 721 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 8328 | 1388 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 5928 | 988 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 3876 | 646 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 3780 | 630 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 150 | 25 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 7374 | 1229 |
| Transmission | Other Transmission | 1/31/2013 15:29 | 6666 | 1111 |
| Transmission | Other Transmission | 2/7/2013 14:58 | 2144 | 1072 |
| Transmission | Other Transmission | 2/7/2013 14:58 | 3134 | 1567 |
| Transmission | Other Transmission | 2/7/2013 14:58 | 3050 | 1525 |
| Transmission | Rain | 3/12/2013 5:37 | 7870 | 1574 |
| Transmission | Rain | 3/12/2013 5:37 | 5425 | 1085 |
| Transmission | Rain | 3/12/2013 5:37 | 7725 | 1545 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 152 | 38 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 268 | 67 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 420 | 105 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 7776 | 1944 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 2284 | 571 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 3716 | 929 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 1716 | 429 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 460 | 115 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 440 | 110 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 312 | 78 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 176 | 44 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 2340 | 585 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 732 | 183 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 1728 | 432 |
| Transmission | Other Transmission | 4/18/2013 15:04 | 496 | 124 |
| Transmission | Other Transmission | 4/18/2013 23:03 | 228 | 57 |
| Transmission | Other Transmission | 6/6/2013 3:49 | 0 | 0 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 90691 | 1019 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 118773 | 2241 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 105178 | 1223 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 88717 | 1123 |

**2013 Adjustments: Transmission Events**

**Outage Event Description**

| Outage Event | Reason for Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Transmission | Tree\Vines | 6/8/2013 18:01 | 139200 | 1600 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 40478 | 547 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 1658 | 829 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 1470 | 735 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 582 | 291 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 3036 | 1518 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 3176 | 1588 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 2088 | 1044 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 1228 | 614 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 0 | 0 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 2040 | 1020 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 1686 | 843 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 896 | 448 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 134 | 67 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 3480 | 1740 |
| Transmission | Tree\Vines | 6/8/2013 18:01 | 2790 | 1395 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 1808 | 904 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 4338 | 2169 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 2154 | 1077 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 2226 | 1113 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 1544 | 772 |
| Transmission | Other Transmission | 7/23/2013 16:51 | 1342 | 671 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 476 | 476 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 196 | 196 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 157 | 157 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 1391 | 1391 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 758 | 758 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 903 | 903 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 959 | 959 |
| Transmission | Other Transmission | 8/14/2013 15:25 | 1616 | 1616 |
| Transmission | Other Transmission | 8/18/2013 17:00 | 3212 | 1606 |
| Transmission | Other Transmission | 8/18/2013 17:00 | 1532 | 766 |
| Transmission | Other Transmission | 8/18/2013 17:00 | 838 | 419 |
| Transmission | Wire Down | 10/5/2013 16:00 | 9790 | 979 |
| Transmission | Wire Down | 10/5/2013 16:00 | 19840 | 1984 |
| Transmission | Wire Down | 10/5/2013 16:00 | 5690 | 1138 |

**2013 Adjustments: Transmission Events**

**Outage Event Description**

| Outage Event | Reason for Exclusion | Outage Date | CMI Excluded | CI Excluded |
|---|---|---|---|---|
| Transmission | Wire Down | 10/5/2013 16:00 | 6690 | 669 |
| Transmission | Wire Down | 10/5/2013 16:00 | 5905 | 1181 |
| Transmission | Wire Down | 10/5/2013 16:00 | 9700 | 1940 |
| Transmission | Static Wire | 10/5/2013 16:00 | 2288 | 22 |
| Transmission | Fire\Pole | 12/10/2013 5:31 | 27720 | 440 |

## Appendix C) Pole Inspection Summary

The following page contains the Annual Wood Pole Inspection Report.

ORDER NO. PSC - 07 - 0918 - PAA - PU
DOCKET NOS. 070634-EI, 070635-TL

**ATTACHMENT 1**

TAMPA ELECTRIC COMPANY
Annual Wood Pole Inspection Report
2013

| a | b | c | d | e | f | g | h | i | j | k | l | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total # of Wooden Poles in the Company Inventory | # of Pole Inspections Planned this Annual Inpsection | # of Poles Inspected this Annual Inspection | # of Poles Failing Inspection this Annual Inspection | Pole Failure Rate (%) this Annual Inspection | # of Poles Designated for Replacement this Annual Inspection | Total # of Poles Replaced this Annual Inspection | # of Poles Requiring Minor Follow-up this Annual Inspection (Anchors / Guys) | # of Poles Overloaded this Annual Inspection | Methods(s) V = Visual E = Excavation P = Prod S = Sound B = Bore R = Resistograph | # of Pole Inspections Planned for Next Annual Inspection Cycle | Total # of Poles Inspected (Cumulative) in the 8-Year Cycle to Date | % of Poles Inspected (Cumulative) in the 8-Year Cycle To Date |
| Distribution and Transmission | | | | | | | | Distribution Poles Overloaded 1,727 | Visual Sound Bore Excavation | Distribution 49,176 | Distribution 341,450 | Distribution 96.60% |
| * TOTAL POLE POPULATION | | | | Distribution Reinforcement 0.50% | Distribution Reinforcement 249 | Distribution Reinforcement 249 | | Transmission 1,727 | | Transmission 3,216 | Transmission 23,958 | Transmission 100.00% |
| Distribution 395,350 | Distribution 49,176 | Distribution 49,362 | Distribution 8,792 | Distribution 17.81% | Distribution 8,792 | Distribution 6,572 | Distribution 527 | Total 1,727 | | Total 52,392 | Total 365,408 | Total 96.82% |
| Transmission 25,700 | Transmission 0 | Transmission 0 | Transmission 0 | Transmission 0.00% | Transmission 0 | Transmission 866 | Transmission 0 | | | | | |
| Total Poles 421,050 | Total 49,176 | Total 49,362 | Total 8,792 | | Total 8,792 | Total 7,438 | Total 527 | | | | | |
| If b - c > 0, provide explanation | | | | | | | | | | | | |
| If d - g > 0, provide explanation | | | | | | | | | | | | |
| Description of selection criteria for inspections | * Total Pole Population Includes Concrete, Steel and Wood. | | | | | | | | | | | |

## Appendix D) Storm Hardening Metrics

### 1) Initiative 1: Four-year Vegetation Management

**2013 - System Vegetation Management Performance Metrics - SYSTEM**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer interruptions | | | | | | | |
| (C) Miles Cleared | | 373.9 | | | 1098.0 | | 1471.9 |
| (D) Remaining Miles | | 1336.1 | | | 3493.0 | | 4829.0 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 109 | | | 3351 | | 3460 |
| (H) All Vegetation Management Costs | | | | | | | $10,748,829 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | $10,293,112 |
| (L) Vegetation Goal (current year) | | 425.3 | | | 1150.0 | | 1575.3 |
| (M) Vegetation Budget (next year) | | | | | | | 10,797,572 |
| (N) Vegetation Goal (next year) | | 429.8 | | | 1143.0 | | 1572.8 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs - SERVICE AREA - include ONLY contractor costs
(H) All Vegetation Management Costs - SYSTEM - include ALL costs
(L) & (N) Vegetation Goal shown in miles
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary

**2013 - System Vegetation Management Performance Metrics - CSA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 47.8 | | | 120.5 | | 168.3 |
| (D) Remaining Miles | | 286.9 | | | 594.2 | | 881.0 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 21 | | | 831 | | 852 |
| (H) All Vegetation Management Costs | | | | | | | $1,335,602 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 70.8 | | | 191.5 | | 262.3 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 83.9 | | | 177.6 | | 261.6 |
| (O) Trim-Back Distance | | | | | | | 10' |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - DCA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 17.2 | | | 100.9 | | 118.1 |
| (D) Remaining Miles | | 37.0 | | | 214.3 | | 251.3 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 0 | | | 80 | | 80 |
| (H) All Vegetation Management Costs | | | | | | | $405,666 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 24.9 | | | 67.5 | | 92.4 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 13.6 | | | 78.7 | | 92.3 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - ESA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 55.2 | | | 128.3 | | 183.5 |
| (D) Remaining Miles | | 236.5 | | | 423.3 | | 659.8 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 26 | | | 569 | | 595 |
| (H) All Vegetation Management Costs | | | | | | | $1,258,148 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 56.9 | | | 153.9 | | 210.8 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 73.0 | | | 137.6 | | 210.6 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - PCA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 53.1 | | | 259.7 | | 312.8 |
| (D) Remaining Miles | | 186.6 | | | 739.1 | | 925.7 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 12 | | | 405 | | 417 |
| (H) All Vegetation Management Costs | | | | | | | $1,381,746 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 83.6 | | | 226.0 | | 309.6 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 61.3 | | | 248.7 | | 310.1 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - SHA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 31.1 | | | 120.0 | | 151.1 |
| (D) Remaining Miles | | 160.5 | | | 436.5 | | 597.0 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 9 | | | 180 | | 189 |
| (H) All Vegetation Management Costs | | | | | | | $889,747 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 50.5 | | | 136.6 | | 187.1 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 48.0 | | | 138.4 | | 186.4 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - WSA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 96.2 | | | 189.5 | | 285.6 |
| (D) Remaining Miles | | 257.1 | | | 578.9 | | 836.0 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 23 | | | 993 | | 1016 |
| (H) All Vegetation Management Costs | | | | | | | $2,109,507 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 75.7 | | | 204.7 | | 280.4 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 88.2 | | | 191.6 | | 279.8 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**
(H) All Vegetation Management Costs include ONLY contractor costs.
(L) & (N) Vegetation Goal shown in miles.
(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

**2013 - System Vegetation Management Performance Metrics - WHA**

| | Feeders | | | Laterals | | | Total |
|---|---|---|---|---|---|---|---|
| | Unadjusted | Adjusted | Diff. | Unadjusted | Adjusted | Diff. | |
| (A) Number of Outages | | | | | | | |
| (B) Customer Interruptions | | | | | | | |
| (C) Miles Cleared | | 73.4 | | | 179.2 | | 252.6 |
| (D) Remaining Miles | | 171.5 | | | 506.7 | | 678.2 |
| (E) Outages per Mile [A ÷ (C + D)] | | | | | | | |
| (F) Vegetation CI per Mile [B ÷ (C + D)] | | | | | | | |
| (G) Number of Hotspot trims | | 18 | | | 293 | | 311 |
| (H) All Vegetation Management Costs | | | | | | | $624,887 |
| (I) Customer Minutes of Interruption | | | | | | | |
| (J) Outage restoration costs | | | | | | | |
| (K) Vegetation Budget (current year) | | | | | | | |
| (L) Vegetation Goal (current year) | | 62.8 | | | 169.9 | | 232.7 |
| (M) Vegetation Budget (next year) | | | | | | | |
| (N) Vegetation Goal (next year) | | 61.8 | | | 170.4 | | 232.2 |
| (O) Trim-Back Distance | | | | | | | 10’ |

**Notes:**

(H) All Vegetation Management Costs include ONLY contractor costs.

(L) & (N) Vegetation Goal shown in miles.

(O) 10' Represents an average, however to comply with ANSI A300, actual trim distances may vary.

## 2) Initiative 2: Joint-Use Pole Attachments Audit

Describe the extent of the audit and results pertaining to pole reliability and NESC safety matters. The intent is to assure the Commission that utilities know the status of their facilities and that reasonable efforts are taken to address pole reliability and NESC safety matters.

a) Percent of system audited.
   33% feeders: _N/A___ laterals: _N/A___
b) Date audit conducted? Start 4th quarter 2013.
c) Date of previous audit? Total system-wide audit completed 2008.
d) List of audits conducted annually
   - Through Tampa Electric's Pole Attachment Audit Application process, the company performed the following audits: attachment verification, NESC violation analysis, and pole loading assessment.
e) State whether pole rents are jurisdictional or non-jurisdictional. If pole rents are jurisdictional, then provide an estimate of lost revenue and describe the company's efforts to minimize the lost revenue.
   - Tampa Electric does not have any non-jurisdictional distribution poles.

Joint-Use Attachment Data Table

| | |
|---|---|
| (A) Number of company owned distribution poles. | 307,413 |
| (B) Number of company distribution poles leased. | 13,184(1) |
| (C) Number of owned distribution pole attachments | 199,940 |
| (D) Number of leased distribution pole attachments. | 13,184(2) |
| (E) Number of authorized attachments. | 342,679 |
| (F) Number of unauthorized attachments. | Unknown(3) |
| (G) Number of distribution poles strength tested. | 1,920 |
| (H) Number of distribution poles passing strength test. | 160 |
| (I) Number of distribution poles failing strength test (overloaded). | 33 |
| (J) Number of distribution poles failing strength test (other reasons). | 8,543 (4) |
| (K) Number of distribution poles corrected (strength failure). | 5355) |
| (L) Number of distribution poles corrected (other reasons). | 255(6) |
| (M) Number of distribution poles replaced. | 6,587 |
| (N) Number of apparent NESC violations involving electric infrastructure. | 24 |
| (O) Number of apparent NESC violations involving 3rd party facilities. | 34 |

**Notes:**

(1) These are the number of poles where Tampa Electric leases space on foreign owned poles.
(2) Each attachment is counted as one per pole on leased poles.
(3) Tampa Electric started a pole attachment audit in 4th Qtr. 2013 and will identify unauthorized attachments at the completion of the audit in June 2014.
(4) These 8,543 poles were identified for replacement during Tampa Electric's Pole Inspection Program and failed the strength test due to wood damage at ground-line or other locations on the pole.
(5) These poles were re-guyed or re-configured to pass strength loading.
(6) The company reinforced these poles with trusses.

## 3) Initiative 3: Six-Year Inspection Cycle for Transmission Structures

### Transmission Circuit, Substation and Other Equipment Inspections

| | | Activity | | Current Budget | | Next Year | |
|---|---|---|---|---|---|---|---|
| | | Goal | Actual | Budget | Actual | Goal | Budget |
| (A) | Total transmission circuits. | | 187 | | | 187 | |
| (B1) | Planned transmission circuit inspections – Groundline (Structures) | 0 | | 0 | | 14 (3,216) | $116,332 |
| (B2) | Planned transmission circuit inspections – Above Ground (Structures). | 54 (7,727) | | $314,000 | | 19% Of System | $344,000 |
| (C1) | Completed transmission circuit inspections – Groundline (Poles) | | 0 | | 0 | | |
| (C2) | Completed transmission circuit inspections – Above Ground (Structures) | | 39 (5,199) | | $268,242 | | |
| (D1) | Percent of transmission circuit inspections completed - Groundline | | N/A | | | | |
| (D2) | Percent of transmission circuit inspections completed – Above Ground. | | 72% | | | | |
| (E) | Planned transmission substation inspections. | 71 | | | | 71 | |
| (F) | Completed transmission substation inspections | | 71 | | | | |
| (G) | Percent transmission substation inspections completed. | | 100% | | | | |
| (H) | Planned transmission equipment inspections (other equipment). – Ground Patrol/ IR Patrol | 187/187 | | | | 187/187 | |
| (I) | Completed transmission equipment inspections (other equipment) – Ground Patrol/ IR Patrol | | 187/187 | | $229,816/ $75,841 | | $326,744/ $81,800 |
| (J) | Percent of transmission equipment inspections completed (other equipment) – Ground Patrol/ IR Patrol | | 100% | | | | |

## Transmission Pole Inspections

| | Activity | | Current Budget | | Next Year | |
|---|---|---|---|---|---|---|
| | Goal | Actual | Budget | Actual | Goal | Budget |
| (A) Total number of transmission poles | | 25,724[1] | | | | |
| (B) Number of transmission poles strength tested | | 0 | | | | Note 2 |
| (C) Number of transmission poles passing strength test | | N/A | | | | |
| (D) Number of transmission poles failing strength test (overloaded) | | N/A | | | | |
| (E) Number of transmission poles failing strength test (other reasons) | | N/A | | | | |
| (F) Number of transmission poles corrected (strength failure) | | 0 | | | | |
| (G) Number of transmission poles corrected (other reasons) | | 0 | | | | |
| (H) Total transmission poles replaced (Structures) | | 909[4] | | | 705 | Note 3 |

Note 1: The transmission pole count on the entire system is currently 25,724 this is a fluid number that will change as a function of time. Standards have been set to calculate this number based off of the Geographical Information System and provide an annual update prior to the submission of this report.

Note 2: The transmission pole strength test is budgeted as part of the groundline inspection. This information is included in the Transmission Circuit, Substation and Other Equipment Inspections section.

Note 3: The budget information for this table is included in the information supplied in the Hardening of Existing Transmission Structures section.

Note 4: This number does not include the 16 additional poles added in 2013 as a part of LiDAR work.

### 4) Initiative 4: Storm Hardening Activities for Transmission Structures

| | Activity | | Current Budget | | Next Year | |
|---|---|---|---|---|---|---|
| | Goal | Actual | Budget | Actual | Goal | Budget |
| (A) Transmission structures scheduled for hardening. | | 973[1] | $16.5M | | 705 | $15.2 M[2] |
| (B) Transmission structures hardening completed. | | 1,181 | | $15.6M | | |
| (C) Percent transmission structures hardening completed. | | 120% | | | | |

Note 1: Includes estimated structures to harden as part of LiDAR program.

Note 2: $12.2 M is associated with the pole replacement program, an additional $3 M is allocated for the LiDAR correction activities.

### 5) Initiative 5: Geographic Information System

See Section I – Storm Preparedness Plans, item E) Initiative 5: See Geographic Information System on pages 27 through 28 for a detailed discussion.

### 6) Initiative 6: Post-Storm Data Collection

See Section I – Storm Preparedness Plans, item F) Initiative 6: Post-Storm Data Collection on pages 28 through 33 for a detailed discussion.

### 7) Initiative 7: Outage Data - Overhead and Underground Systems

See Section I – Storm Preparedness Plans, item G) Initiative 7: Outage Data – Overhead and Underground Systems on page 34 for a detailed discussion.

**8) Initiative 8: Increase Coordination with Local Governments**

See attached page 154 for a matrix of Tampa Electric's activities involving its coordination with local governments.

| Gov't Entities | | Communication Efforts Presentations, Material, Etc. | Storm Workshop, Planning and Training With Local Gov't Officials and Fire and Police Personnel | Emergency Operation Centers Key Personnel Contact | Search and Rescue Teams Assistance to Local Gov't | Vegetation Management Tree Ordinances, Planting Guides, and Trim Procedures | Undergrounding Share Information, Estimates, and Materials |
|---|---|---|---|---|---|---|---|
| **FEDERAL** | | Cyber Security for the IT Professional - DHS Presentation | NFPA 1600 Committee meeting - Emergency Management, Business Continuity, and Disaster Recovery Standard, including Cyber Security NERC Grid Ex II | | | | |
| | | | DHS Training on Secret Clearance | | | | |
| **STATE** | | State Business and Industry Summit | FRCC - Crisis Response Task Force | | | Advised area State Gov't officials on new NERC/FERC trimming standards | |
| | | FEPA Business and Industry Summit | | | | Florida Urban Forestry Conference | |
| | | | Oil Spill Exercise in conjunction with Coast Guard and local environmental agencies | | | | |
| **Hillsborough County** | | Tampa Port Authority meeting | Operations Committee meetings | One partial activation for TS Andrea | | Advised Gov't officials on new NERC/FERC trimming standards | Dana Shores Community Association undergrounding |
| | | | GIS training for HURREVAC | | | Participated on the county's Tree and Landscaping Advisory Committee | |
| | | | PDRP planning | | | Meeting with county's Environmental Mgr regarding vegetation management activities around Avila community | |
| | | | Critical Facility Index Working Group | | | Met with Tampa Palms HOAs on new NERC/FERC trimming standards | |
| | | | HC EOC training | | | Met with Tampa Avila HOA on new NERC/FERC trimming standards | |
| | | | Vulnerable Population task force | | | | |
| | | | LMS governance meeting - mitigation | | | | |
| | | | Citizen Corp Council | | | | |
| | | | THIRA Meeting | | | Advised School Board officials on new NERC/FERC trimming standards (Leto HS) | |
| | Tampa | | Participated in EOC pre-storm season orientation | | | Advised Gov't officials on new NERC/FERC trimming standards | |
| | | | | | | 7th Ave Palm planting review meeting | |
| | | | | | | City of Tampa Urban Forest Sustainability committee | |
| | Plant City | | | No activations in 2013 | | | |
| | Temple Terrace | | | No activations in 2013 | | | |
| | | | | No activations in 2013 | | | |
| | Auburndale | | | | | Vegetation management meeting regarding the Auburndale Trail | |
| **Polk County** | | | WEBEOC Exercise from Polk Co. EOC | No activations in 2013 | | | |
| **Pasco County** | | Meeting w/Pasco EOC Coordinator | Participated in Pasco County WebEOC Training | | | | |
| | Dade City | | | No activations in 2013 | | | North 8th street parking lot lighting cost estimate for UG |
| | San Antonio | | | No activations in 2013 | | | During electric franchise discussions, spoke with city attorney on company hardening maintenance |
| | St. Leo | | | No activations in 2013 | | | |
| **Pinellas County** | Oldsmar | | EOC Leadership meeting | No activations in 2013 | | Advised Gov't officials on new NERC/FERC trimming standards | |

**9) Initiative 9: Collaborative Research**

See Section I – Storm Preparedness Plans, item I) Initiative 9: Collaborative Research on pages 38 through 42 for a detailed description and related data.

**10) Initiative 10: Disaster Preparedness and Recovery Plan**

The company's Disaster Preparedness and Recovery Plan for 2013 was thoroughly reviewed and found to be appropriate; both the structure and operational functions did not change and are consistent with the document previously submitted to the Commission. For 2014, the Plan will undergo its customary annual review prior to storm season and any necessary updates or modifications will be made at that time.

**11) Feeder Specific and Attached Laterals Data**

See attached pages 157 through 202.

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13001 | SH | N/A | 13.00 | 828 | 97953 | 505 | N/A | 4.46 | 534 | 63152 | 326 | 0 | 0 |
| 13002 | SH | N/A | 5.51 | 412 | 3056 | 16 | N/A | 4.44 | 444 | 3292 | 17 | 0 | 0 |
| 13003 | SH | N/A | 27.00 | 683 | 161197 | 1585 | N/A | 3.53 | 239 | 56322 | 554 | 0 | 0 |
| 13004 | DC | N/A | 11.00 | 668 | 147072 | 2019 | N/A | 8.48 | 315 | 69237 | 950 | 0 | 0 |
| 13005 | DC | N/A | 6.39 | 292 | 9238 | 54 | N/A | 1.61 | 206 | 6506 | 38 | 0 | 0 |
| 13006 | DC | N/A | 22.82 | 1181 | 187381 | 3477 | N/A | 9.81 | 1029 | 163387 | 3032 | 0 | 0 |
| 13007 | PC | N/A | 31.22 | 507 | 177434 | 1326 | N/A | 2.95 | 51 | 17995 | 134 | 0 | 0 |
| 13008 | PC | N/A | 17.32 | 383 | 31841 | 245 | N/A | 1.38 | 20 | 1626 | 13 | 0 | 0 |
| 13009 | PC | N/A | 3.33 | 100 | 6292 | 98 | N/A | 0.99 | 42 | 2659 | 42 | 0 | 0 |
| 13010 | PC | N/A | 7.62 | 578 | 38438 | 299 | N/A | 9.58 | 1023 | 68054 | 529 | 0 | 0 |
| 13011 | PC | N/A | 27.61 | 1482 | 136951 | 1878 | N/A | 4.25 | 333 | 30792 | 422 | 0 | 0 |
| 13012 | WSA | N/A | 0.80 | 107 | 6978 | 118 | N/A | 0.52 | 11 | 738 | 13 | 0 | 0 |
| 13013 | WSA | N/A | 0.24 | 64 | 392 | 4 | N/A | 1.39 | 190 | 1170 | 11 | 0 | 0 |
| 13016 | WSA | N/A | 0.78 | 91 | 1620 | 8 | N/A | 0.45 | 98 | 1749 | 9 | 0 | 0 |
| 13017 | SH | N/A | 9.40 | 377 | 9042 | 69 | N/A | 12.39 | 1090 | 26116 | 200 | 0 | 0 |
| 13019 | SH | N/A | 15.55 | 1191 | 289515 | 1011 | N/A | 6.21 | 216 | 52503 | 183 | 0 | 0 |
| 13020 | SH | N/A | 12.97 | 941 | 24702 | 118 | N/A | 1.32 | 78 | 2052 | 10 | 0 | 0 |
| 13021 | CSA | N/A | 3.88 | 298 | 32176 | 408 | N/A | 4.64 | 1029 | 111064 | 1408 | 0 | 0 |
| 13022 | CSA | N/A | 4.03 | 451 | 4055 | 58 | N/A | 0.71 | 247 | 2217 | 31 | 0 | 0 |
| 13023 | CSA | N/A | 8.35 | 1030 | 95845 | 1242 | N/A | 1.85 | 347 | 32235 | 418 | 0 | 0 |
| 13024 | CSA | N/A | 8.43 | 837 | 38922 | 271 | N/A | 1.30 | 182 | 8463 | 59 | 0 | 0 |
| 13026 | CSA | N/A | 3.01 | 291 | 36401 | 470 | N/A | 4.80 | 1320 | 165154 | 2134 | 0 | 0 |
| 13027 | CSA | N/A | 9.26 | 735 | 261136 | 1344 | N/A | 1.79 | 264 | 93863 | 483 | 0 | 0 |
| 13028 | CSA | N/A | 5.58 | 562 | 5844 | 54 | N/A | 4.60 | 1399 | 14556 | 135 | 0 | 0 |
| 13029 | CSA | N/A | 6.14 | 603 | 80461 | 751 | N/A | 3.08 | 566 | 75518 | 705 | 0 | 0 |
| 13030 | WH | N/A | 30.95 | 1036 | 10610 | 83 | N/A | 9.78 | 629 | 6448 | 50 | 0 | 0 |
| 13031 | WH | N/A | 14.23 | 560 | 14445 | 84 | N/A | 1.85 | 91 | 2332 | 14 | 0 | 0 |
| 13034 | CSA | N/A | 9.71 | 1193 | 55766 | 260 | N/A | 0.74 | 164 | 7644 | 36 | 0 | 0 |
| 13035 | CSA | N/A | 5.19 | 562 | 6291 | 48 | N/A | 0.73 | 92 | 1025 | 8 | 0 | 0 |
| 13036 | CSA | N/A | 9.28 | 933 | 32116 | 170 | N/A | 1.99 | 245 | 8427 | 45 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13037 | CSA | N/A | 5.87 | 619 | 12026 | 46 | N/A | 1.65 | 347 | 6732 | 26 | 0 | 0 |
| 13038 | ESA | N/A | 6.20 | 395 | 8300 | 29 | N/A | 3.06 | 162 | 3415 | 12 | 0 | 0 |
| 13039 | ESA | N/A | 7.42 | 479 | 27076 | 102 | N/A | 5.84 | 543 | 30678 | 116 | 0 | 0 |
| 13040 | ESA | N/A | 0.30 | 10 | 1114 | 12 | N/A | 14.41 | 1115 | 120743 | 1314 | 0 | 0 |
| 13041 | ESA | N/A | 5.79 | 367 | 73010 | 754 | N/A | 13.94 | 920 | 183035 | 1889 | 0 | 0 |
| 13042 | CSA | N/A | 12.55 | 796 | 112545 | 1882 | N/A | 0.05 | 5 | 727 | 12 | 0 | 0 |
| 13043 | CSA | N/A | 12.21 | 1731 | 63307 | 435 | N/A | 1.23 | 353 | 12902 | 89 | 0 | 0 |
| 13044 | CSA | N/A | 11.76 | 1659 | 259129 | 3736 | N/A | 0.26 | 9 | 1446 | 21 | 0 | 0 |
| 13045 | CSA | N/A | 7.16 | 1016 | 59072 | 1164 | N/A | 0.05 | 21 | 1196 | 24 | 0 | 0 |
| 13046 | CSA | N/A | 7.91 | 1198 | 139462 | 464 | N/A | 0.05 | 4 | 479 | 2 | 0 | 0 |
| 13047 | CSA | N/A | 3.86 | 557 | 3664 | 15 | N/A | 0.27 | 175 | 1149 | 5 | 0 | 0 |
| 13048 | CSA | N/A | 8.05 | 1230 | 206876 | 2665 | N/A | 0.32 | 4 | 692 | 9 | 0 | 0 |
| 13049 | CSA | N/A | 5.50 | 623 | 11227 | 71 | N/A | 2.06 | 514 | 9263 | 59 | 0 | 0 |
| 13050 | CSA | N/A | 0.22 | 5 | 531 | 2 | N/A | 0.91 | 60 | 6159 | 28 | 0 | 0 |
| 13051 | CSA | N/A | 1.32 | 198 | 12233 | 264 | N/A | 4.16 | 863 | 53177 | 1146 | 0 | 0 |
| 13052 | CSA | N/A | 0.90 | 42 | 149 | 2 | N/A | 0.62 | 72 | 254 | 4 | 0 | 0 |
| 13053 | CSA | N/A | 9.25 | 1250 | 23008 | 217 | N/A | 1.98 | 309 | 5681 | 54 | 0 | 0 |
| 13054 | CSA | N/A | 0.27 | 7 | 0 | 0 | N/A | 1.10 | 440 | 0 | 0 | 0 | 0 |
| 13055 | CSA | N/A | 0.15 | 7 | 0 | 0 | N/A | 0.64 | 30 | 0 | 0 | 0 | 0 |
| 13057 | CSA | N/A | 4.19 | 176 | 4289 | 50 | N/A | 1.03 | 198 | 4841 | 56 | 0 | 0 |
| 13059 | WSA | N/A | 7.08 | 921 | 176059 | 1326 | N/A | 0.70 | 126 | 24169 | 182 | 0 | 0 |
| 13060 | WSA | N/A | 4.54 | 650 | 12361 | 152 | N/A | 0.98 | 444 | 8450 | 104 | 0 | 0 |
| 13061 | WSA | N/A | 3.48 | 534 | 97156 | 669 | N/A | 0.39 | 42 | 7675 | 53 | 0 | 0 |
| 13062 | WSA | N/A | 4.80 | 601 | 2429 | 39 | N/A | 0.15 | 19 | 75 | 1 | 0 | 0 |
| 13063 | WSA | N/A | 5.69 | 622 | 24470 | 257 | N/A | 6.92 | 1401 | 55088 | 579 | 0 | 0 |
| 13064 | WSA | N/A | 8.97 | 967 | 36561 | 420 | N/A | 4.86 | 739 | 27965 | 321 | 0 | 0 |
| 13065 | WSA | N/A | 8.84 | 917 | 34477 | 314 | N/A | 2.06 | 474 | 17818 | 162 | 0 | 0 |
| 13066 | WSA | N/A | 2.88 | 514 | 4318 | 54 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13067 | WSA | N/A | 5.26 | 681 | 21073 | 184 | N/A | 0.40 | 5 | 159 | 1 | 0 | 0 |
| 13068 | WSA | N/A | 5.42 | 782 | 6435 | 45 | N/A | 1.38 | 315 | 2591 | 18 | 0 | 0 |
| 13069 | WSA | N/A | 4.11 | 645 | 17533 | 661 | N/A | 0.51 | 130 | 3523 | 133 | 0 | 0 |
| 13070 | WSA | N/A | 16.88 | 451 | 42203 | 312 | N/A | 15.61 | 363 | 33936 | 251 | 0 | 0 |
| 13071 | WSA | N/A | 7.52 | 503 | 71710 | 613 | N/A | 15.41 | 874 | 124649 | 1065 | 0 | 0 |
| 13072 | WSA | N/A | 6.49 | 694 | 41187 | 1385 | N/A | 0.31 | 33 | 1953 | 66 | 0 | 0 |
| 13073 | WSA | N/A | 3.56 | 468 | 30992 | 1007 | N/A | 6.67 | 359 | 23772 | 772 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13076 | WSA | N/A | 2.18 | 110 | 1584 | 8 | N/A | 1.44 | 124 | 1791 | 9 | 0 | 0 |
| 13077 | WSA | N/A | 8.00 | 661 | 82634 | 771 | N/A | 1.82 | 44 | 5526 | 52 | 0 | 0 |
| 13078 | WSA | N/A | 7.24 | 1015 | 48752 | 243 | N/A | 0.29 | 94 | 4495 | 22 | 0 | 0 |
| 13079 | WSA | N/A | 4.58 | 716 | 36150 | 794 | N/A | 2.49 | 583 | 29450 | 647 | 0 | 0 |
| 13080 | WSA | N/A | 8.00 | 1155 | 40288 | 499 | N/A | 1.28 | 548 | 19121 | 237 | 0 | 0 |
| 13081 | WSA | N/A | 3.07 | 418 | 51195 | 768 | N/A | 1.14 | 512 | 62795 | 942 | 0 | 0 |
| 13082 | WSA | N/A | 6.18 | 883 | 40032 | 456 | N/A | 0.46 | 207 | 9367 | 107 | 0 | 0 |
| 13084 | ESA | N/A | 3.90 | 200 | 27651 | 407 | N/A | 1.37 | 58 | 7982 | 118 | 0 | 0 |
| 13085 | ESA | N/A | 2.05 | 62 | 28962 | 416 | N/A | 0.23 | 7 | 3379 | 48 | 0 | 0 |
| 13086 | ESA | N/A | 3.07 | 273 | 591 | 4 | N/A | 1.33 | 55 | 118 | 1 | 0 | 0 |
| 13087 | ESA | N/A | 4.20 | 269 | 35618 | 438 | N/A | 2.53 | 325 | 42959 | 529 | 0 | 0 |
| 13088 | CSA | N/A | 3.54 | 397 | 2053 | 14 | N/A | 1.21 | 328 | 1697 | 12 | 0 | 0 |
| 13089 | CSA | N/A | 7.74 | 720 | 9636 | 53 | N/A | 2.20 | 673 | 9003 | 49 | 0 | 0 |
| 13090 | CSA | N/A | 4.68 | 687 | 48419 | 1400 | N/A | 1.52 | 392 | 27616 | 799 | 0 | 0 |
| 13091 | CSA | N/A | 9.05 | 1334 | 10851 | 78 | N/A | 0.30 | 5 | 42 | 0 | 0 | 0 |
| 13092 | CSA | N/A | 5.42 | 644 | 86720 | 1360 | N/A | 0.29 | 62 | 8312 | 130 | 0 | 0 |
| 13093 | CSA | N/A | 7.49 | 1136 | 44878 | 305 | N/A | 0.03 | 4 | 162 | 1 | 0 | 0 |
| 13094 | CSA | N/A | 6.07 | 641 | 142956 | 1592 | N/A | 1.59 | 388 | 86508 | 964 | 0 | 0 |
| 13096 | CSA | N/A | 19.90 | 702 | 135159 | 958 | N/A | 10.59 | 503 | 96768 | 686 | 0 | 0 |
| 13097 | CSA | N/A | 14.55 | 1200 | 231310 | 2436 | N/A | 19.40 | 0 | 0 | 0 | 0 | 0 |
| 13098 | CSA | N/A | 10.11 | 559 | 29901 | 151 | N/A | 8.99 | 510 | 27263 | 138 | 0 | 0 |
| 13099 | CSA | N/A | 11.72 | 1151 | 88141 | 694 | N/A | 19.39 | 0 | 0 | 0 | 0 | 0 |
| 13100 | CSA | N/A | 6.12 | 537 | 33067 | 542 | N/A | 0.89 | 73 | 4498 | 74 | 0 | 0 |
| 13101 | CSA | N/A | 3.23 | 358 | 4856 | 65 | N/A | 0.67 | 185 | 2512 | 33 | 0 | 0 |
| 13102 | CSA | N/A | 2.25 | 779 | 10705 | 52 | N/A | 0.43 | 16 | 226 | 1 | 0 | 0 |
| 13103 | CSA | N/A | 3.71 | 1484 | 17762 | 191 | N/A | 0.43 | 14 | 172 | 2 | 0 | 0 |
| 13104 | CSA | N/A | 5.03 | 539 | 9436 | 48 | N/A | 1.54 | 242 | 4232 | 22 | 0 | 0 |
| 13105 | CSA | N/A | 6.78 | 642 | 45171 | 751 | N/A | 2.06 | 343 | 24178 | 402 | 0 | 0 |
| 13106 | CSA | N/A | 3.57 | 388 | 18176 | 425 | N/A | 5.51 | 1953 | 91553 | 2139 | 0 | 0 |
| 13107 | CSA | N/A | 3.78 | 604 | 35163 | 292 | N/A | 5.72 | 871 | 50737 | 421 | 0 | 0 |
| 13109 | WSA | N/A | 5.49 | 708 | 48501 | 197 | N/A | 2.40 | 1230 | 84314 | 342 | 0 | 0 |
| 13110 | WSA | N/A | 1.18 | 66 | 4317 | 68 | N/A | 1.54 | 75 | 4924 | 77 | 0 | 0 |
| 13111 | WSA | N/A | 4.17 | 580 | 144324 | 1148 | N/A | 1.25 | 317 | 78815 | 627 | 0 | 0 |
| 13112 | WSA | N/A | 10.43 | 880 | 8369 | 99 | N/A | 5.09 | 444 | 4224 | 50 | 0 | 0 |
| 13113 | WSA | N/A | 3.22 | 500 | 24861 | 306 | N/A | 0.08 | 6 | 307 | 4 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13114 | WSA | N/A | 6.44 | 537 | 30284 | 626 | N/A | 8.55 | 1961 | 110634 | 2286 | 0 | 0 |
| 13115 | WH | N/A | 8.96 | 656 | 15491 | 115 | N/A | 6.95 | 417 | 9834 | 73 | 0 | 0 |
| 13117 | WH | N/A | 11.58 | 724 | 75841 | 1832 | N/A | 21.79 | 500 | 52356 | 1265 | 0 | 0 |
| 13118 | WH | N/A | 10.24 | 625 | 15396 | 822 | N/A | 9.35 | 686 | 16890 | 902 | 0 | 0 |
| 13119 | PC | N/A | 1.61 | 43 | 8 | 0 | N/A | 2.09 | 642 | 121 | 1 | 0 | 0 |
| 13120 | PC | N/A | 2.64 | 76 | 949 | 50 | N/A | 10.22 | 826 | 10296 | 546 | 0 | 0 |
| 13121 | PC | N/A | 3.26 | 115 | 7487 | 173 | N/A | 7.16 | 670 | 43516 | 1008 | 0 | 0 |
| 13122 | PC | N/A | 3.97 | 374 | 7687 | 402 | N/A | 1.05 | 62 | 1267 | 66 | 0 | 0 |
| 13123 | PC | N/A | 7.73 | 683 | 174539 | 2954 | N/A | 1.30 | 117 | 29966 | 507 | 0 | 0 |
| 13124 | PC | N/A | 7.64 | 447 | 34263 | 1228 | N/A | 2.47 | 259 | 19849 | 711 | 0 | 0 |
| 13125 | PC | N/A | 4.07 | 467 | 7023 | 47 | N/A | 3.08 | 365 | 5491 | 37 | 0 | 0 |
| 13126 | PC | N/A | 8.19 | 297 | 718 | 11 | N/A | 2.56 | 173 | 417 | 7 | 0 | 0 |
| 13127 | ESA | N/A | 2.08 | 110 | 25727 | 180 | N/A | 14.89 | 1029 | 240683 | 1688 | 0 | 0 |
| 13128 | ESA | N/A | 9.54 | 318 | 306804 | 1368 | N/A | 7.23 | 404 | 390207 | 1739 | 0 | 0 |
| 13129 | ESA | N/A | 2.82 | 286 | 17065 | 71 | N/A | 5.43 | 421 | 25106 | 105 | 0 | 0 |
| 13130 | ESA | N/A | 6.03 | 444 | 49324 | 336 | N/A | 4.12 | 419 | 46469 | 317 | 0 | 0 |
| 13132 | ESA | N/A | 1.66 | 58 | 291 | 4 | N/A | 1.76 | 103 | 521 | 6 | 0 | 0 |
| 13133 | ESA | N/A | 8.34 | 1284 | 34128 | 273 | N/A | 1.64 | 432 | 11476 | 92 | 0 | 0 |
| 13134 | ESA | N/A | 2.06 | 167 | 8592 | 45 | N/A | 2.68 | 209 | 10767 | 56 | 0 | 0 |
| 13136 | WSA | N/A | 4.24 | 483 | 51679 | 636 | N/A | 0.29 | 9 | 990 | 12 | 0 | 0 |
| 13137 | WSA | N/A | 0.88 | 158 | 866 | 9 | N/A | 1.25 | 541 | 2957 | 29 | 0 | 0 |
| 13138 | WSA | N/A | 3.97 | 445 | 166974 | 1186 | N/A | 2.54 | 889 | 333178 | 2366 | 0 | 0 |
| 13139 | WSA | N/A | 5.86 | 560 | 74606 | 350 | N/A | 3.35 | 912 | 121422 | 570 | 0 | 0 |
| 13140 | WSA | N/A | 4.08 | 376 | 3562 | 19 | N/A | 1.20 | 283 | 2676 | 14 | 0 | 0 |
| 13141 | WSA | N/A | 2.81 | 642 | 5627 | 53 | N/A | 0.93 | 506 | 4437 | 41 | 0 | 0 |
| 13142 | WSA | N/A | 2.65 | 504 | 4833 | 22 | N/A | 1.82 | 532 | 5099 | 24 | 0 | 0 |
| 13143 | WSA | N/A | 1.97 | 401 | 39872 | 304 | N/A | 0.35 | 42 | 4192 | 32 | 0 | 0 |
| 13146 | PC | N/A | 20.07 | 508 | 19908 | 144 | N/A | 1.00 | 16 | 645 | 5 | 0 | 0 |
| 13147 | PC | N/A | 32.34 | 810 | 84858 | 326 | N/A | 5.97 | 295 | 30906 | 119 | 0 | 0 |
| 13148 | PC | N/A | 30.93 | 671 | 176180 | 1555 | N/A | 1.09 | 38 | 9998 | 88 | 0 | 0 |
| 13150 | WH | N/A | 4.28 | 419 | 31821 | 438 | N/A | 4.98 | 191 | 14542 | 200 | 0 | 0 |
| 13151 | WH | N/A | 1.86 | 60 | 5455 | 48 | N/A | 9.98 | 1045 | 95565 | 839 | 0 | 0 |
| 13152 | WH | N/A | 3.68 | 382 | 7034 | 95 | N/A | 8.14 | 549 | 10125 | 136 | 0 | 0 |
| 13153 | WH | N/A | 11.36 | 1165 | 78068 | 1420 | N/A | 5.35 | 391 | 26183 | 476 | 0 | 0 |
| 13154 | WSA | N/A | 3.65 | 423 | 7583 | 39 | N/A | 8.57 | 1427 | 25608 | 131 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13155 | WSA | N/A | 3.79 | 414 | 18906 | 325 | N/A | 12.04 | 1220 | 55638 | 955 | 0 | 0 |
| 13156 | WSA | N/A | 2.20 | 262 | 28893 | 317 | N/A | 3.81 | 794 | 87472 | 961 | 0 | 0 |
| 13157 | WSA | N/A | 0.82 | 98 | 3491 | 29 | N/A | 10.03 | 566 | 20209 | 170 | 0 | 0 |
| 13158 | CSA | N/A | 7.21 | 744 | 53179 | 197 | N/A | 3.06 | 812 | 58107 | 216 | 0 | 0 |
| 13159 | CSA | N/A | 8.34 | 868 | 56033 | 999 | N/A | 1.95 | 221 | 14274 | 255 | 0 | 0 |
| 13160 | CSA | N/A | 4.94 | 560 | 82272 | 1748 | N/A | 2.01 | 405 | 59478 | 1264 | 0 | 0 |
| 13161 | WSA | N/A | 3.56 | 425 | 4144 | 35 | N/A | 0.18 | 52 | 512 | 4 | 0 | 0 |
| 13162 | WSA | N/A | 5.65 | 725 | 65414 | 772 | N/A | 0.99 | 135 | 12155 | 143 | 0 | 0 |
| 13163 | WSA | N/A | 5.61 | 883 | 144847 | 840 | N/A | 0.52 | 115 | 18886 | 110 | 0 | 0 |
| 13164 | WSA | N/A | 5.83 | 837 | 36699 | 295 | N/A | 0.79 | 24 | 1037 | 8 | 0 | 0 |
| 13165 | WSA | N/A | 1.88 | 261 | 10452 | 30 | N/A | 0.51 | 57 | 2263 | 7 | 0 | 0 |
| 13166 | WSA | N/A | 6.15 | 971 | 21629 | 1516 | N/A | 1.14 | 433 | 9646 | 676 | 0 | 0 |
| 13167 | WSA | N/A | 7.47 | 1267 | 150994 | 1525 | N/A | 0.76 | 213 | 25370 | 256 | 0 | 0 |
| 13169 | ESA | N/A | 1.07 | 20 | 879 | 8 | N/A | 10.36 | 754 | 33929 | 293 | 0 | 0 |
| 13170 | ESA | N/A | 0.22 | 11 | 0 | 0 | N/A | 15.85 | 1132 | 0 | 0 | 0 | 0 |
| 13171 | ESA | N/A | 9.35 | 646 | 14531 | 117 | N/A | 9.29 | 759 | 17077 | 138 | 0 | 0 |
| 13172 | ESA | N/A | 2.92 | 226 | 18419 | 171 | N/A | 1.46 | 106 | 8624 | 80 | 0 | 0 |
| 13173 | ESA | N/A | 3.33 | 467 | 5181 | 43 | N/A | 4.32 | 359 | 3983 | 33 | 0 | 0 |
| 13174 | ESA | N/A | 1.57 | 21 | 1331 | 10 | N/A | 11.11 | 2018 | 130575 | 945 | 0 | 0 |
| 13175 | CSA | N/A | 17.70 | 1771 | 275127 | 5442 | N/A | 0.66 | 11 | 1757 | 35 | 0 | 0 |
| 13176 | CSA | N/A | 8.52 | 868 | 182964 | 2683 | N/A | 1.06 | 59 | 12357 | 181 | 0 | 0 |
| 13177 | CSA | N/A | 3.40 | 349 | 21563 | 192 | N/A | 0.42 | 46 | 2862 | 26 | 0 | 0 |
| 13178 | CSA | N/A | 3.10 | 153 | 13369 | 302 | N/A | 0.50 | 33 | 2871 | 65 | 0 | 0 |
| 13180 | CSA | N/A | 2.25 | 243 | 263 | 2 | N/A | 0.46 | 74 | 80 | 1 | 0 | 0 |
| 13181 | CSA | N/A | 4.14 | 556 | 160725 | 2030 | N/A | 1.29 | 348 | 100416 | 1268 | 0 | 0 |
| 13183 | CSA | N/A | 6.66 | 355 | 6117 | 72 | N/A | 0.41 | 19 | 319 | 4 | 0 | 0 |
| 13184 | CSA | N/A | 1.64 | 146 | 1064 | 10 | N/A | 0.42 | 20 | 142 | 1 | 0 | 0 |
| 13185 | CSA | N/A | 2.54 | 249 | 2430 | 14 | N/A | 7.80 | 1043 | 10180 | 59 | 0 | 0 |
| 13186 | CSA | N/A | 4.02 | 463 | 7152 | 23 | N/A | 0.37 | 111 | 1716 | 6 | 0 | 0 |
| 13187 | CSA | N/A | 6.05 | 624 | 60503 | 282 | N/A | 4.42 | 634 | 61401 | 286 | 0 | 0 |
| 13188 | CSA | N/A | 5.24 | 521 | 19082 | 630 | N/A | 5.00 | 588 | 21529 | 710 | 0 | 0 |
| 13189 | WSA | N/A | 2.59 | 243 | 2136 | 12 | N/A | 1.46 | 60 | 525 | 3 | 0 | 0 |
| 13190 | WSA | N/A | 8.00 | 602 | 27701 | 310 | N/A | 7.35 | 346 | 15910 | 178 | 0 | 0 |
| 13191 | WSA | N/A | 5.60 | 406 | 10297 | 70 | N/A | 3.83 | 200 | 5057 | 34 | 0 | 0 |
| 13192 | WSA | N/A | 4.27 | 336 | 28879 | 328 | N/A | 7.71 | 763 | 65529 | 745 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13193 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 10.08 | 867 | 6500 | 14 | 0 | 0 |
| 13194 | WSA | N/A | 6.19 | 251 | 3181 | 12 | N/A | 1.92 | 209 | 2647 | 10 | 0 | 0 |
| 13195 | WSA | N/A | 0.45 | 58 | 694 | 6 | N/A | 0.37 | 14 | 174 | 1 | 0 | 0 |
| 13198 | WSA | N/A | 4.19 | 744 | 99167 | 1080 | N/A | 2.33 | 191 | 25512 | 278 | 0 | 0 |
| 13199 | WSA | N/A | 4.88 | 725 | 49463 | 950 | N/A | 0.71 | 144 | 9822 | 189 | 0 | 0 |
| 13200 | WSA | N/A | 0.37 | 63 | 111 | 2 | N/A | 0.39 | 8 | 15 | 0 | 0 | 0 |
| 13201 | WSA | N/A | 2.73 | 408 | 423 | 5 | N/A | 0.32 | 9 | 10 | 0 | 0 | 0 |
| 13204 | CSA | N/A | 5.29 | 534 | 134158 | 1155 | N/A | 4.21 | 1323 | 332423 | 2862 | 0 | 0 |
| 13205 | CSA | N/A | 4.01 | 329 | 14650 | 87 | N/A | 2.05 | 445 | 19823 | 118 | 0 | 0 |
| 13206 | WSA | N/A | 10.45 | 1433 | 59239 | 415 | N/A | 0.17 | 33 | 1361 | 10 | 0 | 0 |
| 13207 | WSA | N/A | 9.44 | 966 | 123877 | 1367 | N/A | 0.52 | 29 | 3694 | 41 | 0 | 0 |
| 13208 | WSA | N/A | 4.51 | 527 | 41290 | 369 | N/A | 0.87 | 50 | 3952 | 35 | 0 | 0 |
| 13210 | WSA | N/A | 7.38 | 866 | 35463 | 176 | N/A | 0.08 | 6 | 253 | 1 | 0 | 0 |
| 13211 | ESA | N/A | 2.04 | 205 | 97 | 1 | N/A | 6.83 | 652 | 307 | 4 | 0 | 0 |
| 13213 | ESA | N/A | 21.53 | 969 | 378731 | 2119 | N/A | 9.46 | 453 | 176902 | 990 | 0 | 0 |
| 13214 | ESA | N/A | 6.18 | 478 | 5811 | 505 | N/A | 5.46 | 234 | 2849 | 248 | 0 | 0 |
| 13217 | WSA | N/A | 3.10 | 342 | 11637 | 133 | N/A | 1.44 | 189 | 6430 | 74 | 0 | 0 |
| 13218 | WSA | N/A | 6.07 | 619 | 51966 | 350 | N/A | 2.14 | 747 | 62669 | 422 | 0 | 0 |
| 13219 | WSA | N/A | 8.87 | 1223 | 89611 | 864 | N/A | 1.98 | 363 | 26604 | 257 | 0 | 0 |
| 13220 | WSA | N/A | 4.53 | 476 | 44341 | 618 | N/A | 1.44 | 289 | 26911 | 375 | 0 | 0 |
| 13221 | CSA | N/A | 2.46 | 122 | 10320 | 28 | N/A | 3.99 | 977 | 82387 | 221 | 0 | 0 |
| 13222 | CSA | N/A | 2.56 | 188 | 3493 | 28 | N/A | 1.46 | 574 | 10650 | 85 | 0 | 0 |
| 13223 | CSA | N/A | 4.74 | 414 | 3582 | 401 | N/A | 1.42 | 71 | 613 | 69 | 0 | 0 |
| 13224 | CSA | N/A | 10.08 | 926 | 77097 | 1978 | N/A | 1.17 | 190 | 15848 | 406 | 0 | 0 |
| 13225 | ESA | N/A | 5.86 | 431 | 64215 | 515 | N/A | 4.56 | 370 | 55173 | 443 | 0 | 0 |
| 13226 | ESA | N/A | 6.79 | 504 | 60093 | 1416 | N/A | 9.94 | 1178 | 140421 | 3309 | 0 | 0 |
| 13227 | ESA | N/A | 6.29 | 455 | 65316 | 472 | N/A | 5.51 | 494 | 70931 | 513 | 0 | 0 |
| 13228 | ESA | N/A | 4.01 | 297 | 2256 | 12 | N/A | 4.63 | 770 | 5846 | 32 | 0 | 0 |
| 13229 | ESA | N/A | 8.37 | 668 | 108136 | 1955 | N/A | 4.15 | 566 | 91499 | 1654 | 0 | 0 |
| 13230 | ESA | N/A | 3.77 | 369 | 18481 | 420 | N/A | 5.21 | 758 | 37940 | 863 | 0 | 0 |
| 13231 | ESA | N/A | 5.13 | 506 | 4807 | 30 | N/A | 8.25 | 752 | 7142 | 44 | 0 | 0 |
| 13233 | SH | N/A | 4.67 | 74 | 56 | 1 | N/A | 1.55 | 159 | 121 | 2 | 0 | 0 |
| 13235 | SH | N/A | 0.41 | 11 | 476 | 11 | N/A | 26.15 | 1894 | 79654 | 1851 | 0 | 0 |
| 13236 | SH | N/A | 73.87 | 692 | 387462 | 5587 | N/A | 24.82 | 470 | 263106 | 3794 | 0 | 0 |
| 13237 | SH | N/A | 0.00 | 0 | 0 | 0 | N/A | 3.11 | 115 | 0 | 0 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13238 | SH | N/A | 3.97 | 78 | 4474 | 95 | N/A | 0.71 | 1765 | 101011 | 2146 | 0 | 0 |
| 13241 | PC | N/A | 11.62 | 890 | 137912 | 1094 | N/A | 4.74 | 528 | 81791 | 649 | 0 | 0 |
| 13242 | PC | N/A | 10.81 | 387 | 19378 | 424 | N/A | 3.04 | 372 | 18657 | 408 | 0 | 0 |
| 13243 | PC | N/A | 10.68 | 916 | 122377 | 998 | N/A | 2.36 | 340 | 45462 | 371 | 0 | 0 |
| 13253 | CSA | N/A | 0.09 | 3 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13254 | SH | N/A | 24.70 | 552 | 162031 | 1579 | N/A | 11.51 | 825 | 241991 | 2358 | 0 | 0 |
| 13256 | SH | N/A | 22.44 | 449 | 135051 | 1607 | N/A | 7.00 | 803 | 241362 | 2872 | 0 | 0 |
| 13258 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.58 | 20 | 0 | 0 | 0 | 0 |
| 13259 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.37 | 15 | 0 | 0 | 0 | 0 |
| 13260 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.20 | 0 | 0 | 0 | 0 | 0 |
| 13261 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.23 | 6 | 0 | 0 | 0 | 0 |
| 13263 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.05 | 3 | 0 | 0 | 0 | 0 |
| 13264 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.49 | 748 | 0 | 0 | 0 | 0 |
| 13265 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.46 | 6 | 0 | 0 | 0 | 0 |
| 13270 | WSA | N/A | 0.41 | 37 | 198 | 2 | N/A | 3.36 | 434 | 2317 | 23 | 0 | 0 |
| 13275 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.82 | 5 | 0 | 0 | 0 | 0 |
| 13276 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 2.27 | 15 | 0 | 0 | 0 | 0 |
| 13278 | WH | N/A | 7.50 | 747 | 5189 | 55 | N/A | 0.80 | 85 | 593 | 6 | 0 | 0 |
| 13279 | WH | N/A | 3.16 | 457 | 213 | 6 | N/A | 1.04 | 34 | 16 | 0 | 0 | 0 |
| 13280 | WH | N/A | 0.01 | 0 | 0 | 0 | N/A | 0.12 | 5 | 0 | 0 | 0 | 0 |
| 13281 | WH | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.05 | 4 | 84 | 2 | 0 | 0 |
| 13282 | WH | N/A | 12.08 | 418 | 99120 | 1963 | N/A | 2.12 | 52 | 12451 | 247 | 0 | 0 |
| 13283 | WH | N/A | 0.45 | 519 | 54 | 1 | N/A | 0.31 | 223 | 23 | 0 | 0 | 0 |
| 13288 | WH | N/A | 1.10 | 117 | 1032 | 6 | N/A | 1.68 | 45 | 399 | 3 | 0 | 0 |
| 13289 | WH | N/A | 3.98 | 342 | 47753 | 458 | N/A | 1.94 | 238 | 33126 | 318 | 0 | 0 |
| 13290 | WH | N/A | 5.08 | 646 | 36492 | 725 | N/A | 1.31 | 336 | 19002 | 377 | 0 | 0 |
| 13291 | WH | N/A | 3.90 | 472 | 3318 | 39 | N/A | 3.47 | 314 | 2204 | 26 | 0 | 0 |
| 13292 | WH | N/A | 2.80 | 339 | 115 | 1 | N/A | 1.72 | 118 | 40 | 0 | 0 | 0 |
| 13293 | WH | N/A | 8.37 | 925 | 140963 | 2044 | N/A | 2.44 | 360 | 54880 | 796 | 0 | 0 |
| 13294 | WH | N/A | 14.32 | 876 | 15245 | 166 | N/A | 2.01 | 34 | 590 | 6 | 0 | 0 |
| 13295 | WH | N/A | 2.84 | 245 | 5500 | 10 | N/A | 11.14 | 896 | 20129 | 38 | 0 | 0 |
| 13296 | WH | N/A | 9.54 | 465 | 13046 | 55 | N/A | 10.40 | 862 | 24186 | 101 | 0 | 0 |
| 13297 | WH | N/A | 6.01 | 584 | 3159 | 23 | N/A | 5.87 | 688 | 3720 | 27 | 0 | 0 |
| 13298 | WH | N/A | 134.89 | 1099 | 256218 | 3524 | N/A | 3.39 | 36 | 8389 | 115 | 0 | 0 |
| 13299 | WH | N/A | 17.51 | 713 | 96856 | 629 | N/A | 16.12 | 493 | 66947 | 435 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13302 | SH | N/A | 2.99 | 245 | 29356 | 470 | N/A | 17.80 | 1298 | 155660 | 2494 | 0 | 0 |
| 13303 | SH | N/A | 113.09 | 1590 | 138778 | 1003 | N/A | 5.71 | 363 | 31687 | 229 | 0 | 0 |
| 13304 | SH | N/A | 0.70 | 12 | 1215 | 27 | N/A | 13.11 | 1009 | 99311 | 2180 | 0 | 0 |
| 13305 | SH | N/A | 24.50 | 574 | 16842 | 75 | N/A | 6.38 | 64 | 1871 | 8 | 0 | 0 |
| 13308 | WH | N/A | 6.92 | 690 | 25972 | 229 | N/A | 3.39 | 507 | 19082 | 168 | 0 | 0 |
| 13309 | WH | N/A | 3.64 | 419 | 57042 | 844 | N/A | 0.38 | 14 | 1962 | 29 | 0 | 0 |
| 13310 | WH | N/A | 2.10 | 338 | 32676 | 421 | N/A | 0.51 | 109 | 10528 | 136 | 0 | 0 |
| 13311 | WH | N/A | 5.71 | 693 | 12074 | 115 | N/A | 0.53 | 84 | 1469 | 14 | 0 | 0 |
| 13312 | WH | N/A | 4.91 | 556 | 3099 | 20 | N/A | 2.30 | 350 | 1948 | 13 | 0 | 0 |
| 13313 | WH | N/A | 2.75 | 351 | 11616 | 355 | N/A | 1.37 | 72 | 2384 | 73 | 0 | 0 |
| 13314 | WH | N/A | 3.01 | 168 | 36 | 0 | N/A | 2.13 | 289 | 62 | 1 | 0 | 0 |
| 13315 | WH | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.49 | 23 | 893 | 19 | 0 | 0 |
| 13317 | WSA | N/A | 0.74 | 5 | 252 | 5 | N/A | 5.19 | 1063 | 52177 | 1036 | 0 | 0 |
| 13318 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.38 | 4 | 0 | 0 | 0 | 0 |
| 13319 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.34 | 6 | 0 | 0 | 0 | 0 |
| 13320 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 2.39 | 7 | 0 | 0 | 0 | 0 |
| 13321 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.56 | 8 | 0 | 0 | 0 | 0 |
| 13322 | WSA | N/A | 0.10 | 0 | 0 | 0 | N/A | 1.56 | 515 | 11105 | 73 | 0 | 0 |
| 13323 | WSA | N/A | 1.79 | 283 | 9738 | 114 | N/A | 0.96 | 52 | 1806 | 21 | 0 | 0 |
| 13324 | ESA | N/A | 6.30 | 635 | 3727 | 64 | N/A | 0.44 | 293 | 1721 | 29 | 0 | 0 |
| 13325 | ESA | N/A | 2.01 | 39 | 261 | 1 | N/A | 0.59 | 11 | 75 | 0 | 0 | 0 |
| 13326 | ESA | N/A | 8.53 | 322 | 22359 | 263 | N/A | 2.26 | 42 | 2929 | 34 | 0 | 0 |
| 13327 | ESA | N/A | 2.88 | 21 | 329 | 16 | N/A | 1.04 | 8 | 131 | 7 | 0 | 0 |
| 13328 | DC | N/A | 6.21 | 539 | 57952 | 666 | N/A | 0.55 | 24 | 2544 | 29 | 0 | 0 |
| 13329 | DC | N/A | 8.12 | 693 | 175102 | 2778 | N/A | 0.52 | 51 | 12990 | 206 | 0 | 0 |
| 13330 | DC | N/A | 35.34 | 1283 | 159767 | 1998 | N/A | 8.13 | 401 | 49927 | 624 | 0 | 0 |
| 13331 | DC | N/A | 27.40 | 1143 | 268978 | 3863 | N/A | 3.76 | 138 | 32442 | 466 | 0 | 0 |
| 13332 | WSA | N/A | 2.70 | 107 | 6446 | 20 | N/A | 8.24 | 1477 | 89008 | 271 | 0 | 0 |
| 13333 | WSA | N/A | 1.70 | 202 | 9108 | 197 | N/A | 2.52 | 346 | 15613 | 338 | 0 | 0 |
| 13334 | WSA | N/A | 4.33 | 634 | 18619 | 151 | N/A | 1.04 | 207 | 6075 | 49 | 0 | 0 |
| 13335 | WSA | N/A | 2.00 | 51 | 16 | 1 | N/A | 2.57 | 20 | 6 | 0 | 0 | 0 |
| 13336 | WSA | N/A | 2.50 | 86 | 453 | 3 | N/A | 2.84 | 182 | 955 | 7 | 0 | 0 |
| 13337 | WSA | N/A | 2.84 | 293 | 1366 | 9 | N/A | 4.64 | 1835 | 8548 | 54 | 0 | 0 |
| 13338 | WSA | N/A | 3.42 | 162 | 10679 | 179 | N/A | 1.92 | 197 | 12977 | 218 | 0 | 0 |
| 13339 | WSA | N/A | 0.48 | 0 | 0 | 0 | N/A | 5.47 | 1303 | 109795 | 880 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13340 | SH | N/A | 3.86 | 62 | 906 | 8 | N/A | 12.00 | 342 | 5027 | 45 | 0 | 0 |
| 13341 | SH | N/A | 7.82 | 171 | 4322 | 23 | N/A | 11.58 | 1240 | 31397 | 170 | 0 | 0 |
| 13342 | SH | N/A | 9.40 | 424 | 32172 | 314 | N/A | 7.65 | 752 | 57083 | 557 | 0 | 0 |
| 13343 | SH | N/A | 0.53 | 10 | 0 | 0 | N/A | 15.49 | 1301 | 0 | 0 | 0 | 0 |
| 13344 | SH | N/A | 2.13 | 48 | 159 | 2 | N/A | 9.73 | 2094 | 6871 | 73 | 0 | 0 |
| 13348 | CSA | N/A | 3.74 | 625 | 36003 | 815 | N/A | 5.68 | 1478 | 85092 | 1926 | 0 | 0 |
| 13349 | CSA | N/A | 1.24 | 10 | 950 | 19 | N/A | 1.86 | 376 | 34773 | 687 | 0 | 0 |
| 13350 | CSA | N/A | 0.14 | 55 | 0 | 0 | N/A | 1.66 | 332 | 0 | 0 | 0 | 0 |
| 13351 | CSA | N/A | 3.24 | 475 | 61855 | 733 | N/A | 6.45 | 1469 | 191189 | 2266 | 0 | 0 |
| 13352 | CSA | N/A | 1.02 | 135 | 18043 | 250 | N/A | 5.06 | 1312 | 175745 | 2436 | 0 | 0 |
| 13353 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.68 | 67 | 0 | 0 | 0 | 0 |
| 13354 | CSA | N/A | 2.12 | 171 | 4051 | 22 | N/A | 6.24 | 1362 | 32307 | 172 | 0 | 0 |
| 13355 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.19 | 4 | 0 | 0 | 0 | 0 |
| 13358 | WSA | N/A | 4.22 | 1132 | 63712 | 2479 | N/A | 1.23 | 228 | 12847 | 500 | 0 | 0 |
| 13359 | WSA | N/A | 6.18 | 802 | 51484 | 466 | N/A | 1.84 | 147 | 9439 | 85 | 0 | 0 |
| 13360 | WSA | N/A | 0.10 | 60 | 0 | 0 | N/A | 0.05 | 0 | 0 | 0 | 0 | 0 |
| 13362 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.48 | 213 | 65774 | 207 | 0 | 0 |
| 13363 | CSA | N/A | 0.61 | 39 | 373 | 1 | N/A | 5.42 | 1746 | 16688 | 39 | 0 | 0 |
| 13364 | CSA | N/A | 0.55 | 85 | 2534 | 11 | N/A | 5.44 | 1441 | 42770 | 193 | 0 | 0 |
| 13365 | CSA | N/A | 2.11 | 388 | 7883 | 37 | N/A | 7.47 | 885 | 18003 | 84 | 0 | 0 |
| 13366 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.64 | 13 | 0 | 0 | 0 | 0 |
| 13367 | CSA | N/A | 1.13 | 63 | 1099 | 8 | N/A | 8.93 | 2209 | 38684 | 266 | 0 | 0 |
| 13368 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.01 | 0 | 0 | 0 | 0 | 0 |
| 13369 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.01 | 0 | 0 | 0 | 0 | 0 |
| 13370 | WH | N/A | 11.91 | 1202 | 46162 | 434 | N/A | 4.11 | 168 | 6437 | 60 | 0 | 0 |
| 13371 | WH | N/A | 10.35 | 719 | 27552 | 737 | N/A | 8.50 | 577 | 22112 | 592 | 0 | 0 |
| 13372 | WH | N/A | 2.39 | 261 | 2605 | 31 | N/A | 1.00 | 31 | 308 | 4 | 0 | 0 |
| 13373 | WH | N/A | 11.00 | 960 | 63410 | 1157 | N/A | 2.36 | 241 | 15904 | 290 | 0 | 0 |
| 13375 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13376 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.28 | 8 | 0 | 0 | 0 | 0 |
| 13377 | WSA | N/A | 4.12 | 1084 | 326426 | 4903 | N/A | 2.03 | 99 | 29731 | 447 | 0 | 0 |
| 13378 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13379 | WSA | N/A | 6.23 | 924 | 268217 | 2092 | N/A | 1.22 | 27 | 7766 | 61 | 0 | 0 |
| 13381 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.89 | 9 | 2214 | 6 | 0 | 0 |
| 13382 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.18 | 0 | 0 | 0 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13383 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13384 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.01 | 4 | 0 | 0 | 0 | 0 |
| 13385 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13388 | PC | N/A | 17.62 | 545 | 12544 | 58 | N/A | 6.63 | 169 | 3881 | 18 | 0 | 0 |
| 13389 | PC | N/A | 17.11 | 955 | 189595 | 2767 | N/A | 1.45 | 50 | 10000 | 146 | 0 | 0 |
| 13390 | PC | N/A | 33.46 | 1267 | 204370 | 2623 | N/A | 4.63 | 370 | 59719 | 766 | 0 | 0 |
| 13391 | PC | N/A | 48.36 | 1210 | 61457 | 483 | N/A | 6.96 | 289 | 14672 | 115 | 0 | 0 |
| 13397 | CSA | N/A | 2.45 | 325 | 6933 | 36 | N/A | 1.40 | 303 | 6472 | 34 | 0 | 0 |
| 13398 | CSA | N/A | 1.10 | 37 | 3 | 0 | N/A | 0.88 | 888 | 73 | 2 | 0 | 0 |
| 13399 | CSA | N/A | 0.43 | 50 | 0 | 0 | N/A | 0.13 | 14 | 0 | 0 | 0 | 0 |
| 13400 | CSA | N/A | 1.94 | 89 | 11997 | 275 | N/A | 1.49 | 211 | 28269 | 647 | 0 | 0 |
| 13405 | WSA | N/A | 9.03 | 201 | 36438 | 142 | N/A | 1.77 | 111 | 20181 | 79 | 0 | 0 |
| 13406 | WSA | N/A | 1.44 | 68 | 405 | 3 | N/A | 5.99 | 172 | 1024 | 8 | 0 | 0 |
| 13412 | PC | N/A | 4.39 | 318 | 27337 | 468 | N/A | 0.76 | 26 | 2212 | 38 | 0 | 0 |
| 13414 | PC | N/A | 9.52 | 840 | 155313 | 1217 | N/A | 1.67 | 53 | 9885 | 77 | 0 | 0 |
| 13417 | CSA | N/A | 5.01 | 664 | 66720 | 761 | N/A | 1.17 | 42 | 4235 | 48 | 0 | 0 |
| 13418 | CSA | N/A | 9.62 | 1121 | 41471 | 433 | N/A | 0.62 | 189 | 7001 | 73 | 0 | 0 |
| 13419 | CSA | N/A | 10.60 | 1382 | 110888 | 1653 | N/A | 0.62 | 63 | 5033 | 75 | 0 | 0 |
| 13420 | CSA | N/A | 3.92 | 446 | 5381 | 16 | N/A | 5.21 | 1403 | 16910 | 51 | 0 | 0 |
| 13422 | DC | N/A | 44.45 | 727 | 356771 | 3205 | N/A | 10.01 | 348 | 170564 | 1532 | 0 | 0 |
| 13423 | DC | N/A | 27.05 | 661 | 132402 | 1710 | N/A | 3.44 | 474 | 94926 | 1226 | 0 | 0 |
| 13425 | WSA | N/A | 0.01 | 11 | 887 | 16 | N/A | 9.31 | 963 | 75444 | 1366 | 0 | 0 |
| 13426 | WSA | N/A | 5.75 | 378 | 17993 | 195 | N/A | 11.97 | 1327 | 63072 | 684 | 0 | 0 |
| 13427 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 3.97 | 297 | 0 | 0 | 0 | 0 |
| 13428 | WSA | N/A | 1.29 | 65 | 2520 | 17 | N/A | 8.94 | 1110 | 43155 | 283 | 0 | 0 |
| 13431 | DC | N/A | 16.12 | 486 | 258340 | 2100 | N/A | 7.90 | 279 | 148013 | 1203 | 0 | 0 |
| 13432 | DC | N/A | 4.34 | 79 | 5751 | 79 | N/A | 16.76 | 539 | 39137 | 536 | 0 | 0 |
| 13433 | ESA | N/A | 9.08 | 358 | 61600 | 749 | N/A | 3.46 | 193 | 33278 | 405 | 0 | 0 |
| 13434 | ESA | N/A | 9.89 | 920 | 28708 | 174 | N/A | 4.28 | 532 | 16583 | 101 | 0 | 0 |
| 13435 | ESA | N/A | 5.65 | 303 | 22054 | 119 | N/A | 1.78 | 335 | 24372 | 131 | 0 | 0 |
| 13436 | ESA | N/A | 7.76 | 463 | 15945 | 69 | N/A | 2.52 | 185 | 6378 | 28 | 0 | 0 |
| 13438 | SH | N/A | 0.40 | 325 | 5968 | 33 | N/A | 21.48 | 191 | 3513 | 20 | 0 | 0 |
| 13439 | SH | N/A | 2.87 | 451 | 106007 | 1137 | N/A | 7.00 | 436 | 102385 | 1098 | 0 | 0 |
| 13440 | SH | N/A | 5.23 | 37 | 10791 | 258 | N/A | 6.55 | 423 | 123201 | 2942 | 0 | 0 |
| 13442 | WH | N/A | 13.82 | 632 | 72881 | 2037 | N/A | 20.75 | 1119 | 128935 | 3603 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13443 | WH | N/A | 5.49 | 252 | 20314 | 281 | N/A | 6.57 | 623 | 50247 | 695 | 0 | 0 |
| 13444 | WH | N/A | 3.97 | 446 | 3514 | 23 | N/A | 1.56 | 146 | 1150 | 8 | 0 | 0 |
| 13446 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.68 | 83 | 0 | 0 | 0 | 0 |
| 13447 | WSA | N/A | 1.42 | 104 | 2450 | 103 | N/A | 0.93 | 22 | 509 | 21 | 0 | 0 |
| 13448 | WSA | N/A | 1.29 | 124 | 2713 | 7 | N/A | 1.84 | 470 | 10245 | 28 | 0 | 0 |
| 13449 | WSA | N/A | 2.74 | 252 | 881 | 8 | N/A | 1.16 | 166 | 579 | 5 | 0 | 0 |
| 13450 | WSA | N/A | 0.65 | 69 | 1124 | 44 | N/A | 3.78 | 59 | 957 | 37 | 0 | 0 |
| 13451 | WSA | N/A | 0.18 | 21 | 78 | 1 | N/A | 2.51 | 78 | 296 | 2 | 0 | 0 |
| 13452 | WSA | N/A | 0.23 | 36 | 110 | 2 | N/A | 0.18 | 7 | 22 | 0 | 0 | 0 |
| 13453 | WSA | N/A | 0.36 | 25 | 5215 | 22 | N/A | 4.92 | 21 | 4346 | 19 | 0 | 0 |
| 13454 | ESA | N/A | 4.48 | 232 | 37081 | 361 | N/A | 11.55 | 1390 | 221828 | 2160 | 0 | 0 |
| 13455 | ESA | N/A | 3.02 | 192 | 8397 | 34 | N/A | 2.83 | 627 | 27392 | 111 | 0 | 0 |
| 13456 | ESA | N/A | 1.82 | 155 | 57 | 0 | N/A | 2.83 | 817 | 302 | 2 | 0 | 0 |
| 13457 | ESA | N/A | 2.29 | 149 | 1038 | 15 | N/A | 5.10 | 645 | 4488 | 64 | 0 | 0 |
| 13458 | ESA | N/A | 14.73 | 494 | 54529 | 447 | N/A | 4.12 | 73 | 8066 | 66 | 0 | 0 |
| 13459 | ESA | N/A | 11.38 | 408 | 43987 | 835 | N/A | 11.18 | 454 | 48863 | 927 | 0 | 0 |
| 13460 | ESA | N/A | 37.84 | 943 | 92120 | 658 | N/A | 3.02 | 159 | 15571 | 111 | 0 | 0 |
| 13461 | ESA | N/A | 27.27 | 967 | 282696 | 3222 | N/A | 6.18 | 213 | 62253 | 710 | 0 | 0 |
| 13462 | PC | N/A | 4.47 | 278 | 48341 | 914 | N/A | 8.50 | 531 | 92385 | 1747 | 0 | 0 |
| 13463 | PC | N/A | 1.62 | 247 | 46314 | 121 | N/A | 0.19 | 14 | 2702 | 7 | 0 | 0 |
| 13464 | PC | N/A | 3.66 | 301 | 6811 | 39 | N/A | 1.08 | 159 | 3603 | 21 | 0 | 0 |
| 13466 | CSA | N/A | 2.30 | 223 | 2175 | 13 | N/A | 0.73 | 38 | 371 | 2 | 0 | 0 |
| 13467 | CSA | N/A | 1.29 | 51 | 1138 | 50 | N/A | 1.51 | 258 | 5713 | 251 | 0 | 0 |
| 13468 | CSA | N/A | 5.57 | 714 | 19112 | 50 | N/A | 2.71 | 625 | 16744 | 44 | 0 | 0 |
| 13469 | CSA | N/A | 2.04 | 136 | 66725 | 1018 | N/A | 7.14 | 72 | 35385 | 540 | 0 | 0 |
| 13470 | WH | N/A | 40.96 | 774 | 67402 | 555 | N/A | 5.37 | 134 | 11636 | 96 | 0 | 0 |
| 13471 | WH | N/A | 3.63 | 393 | 27346 | 263 | N/A | 2.55 | 251 | 17467 | 168 | 0 | 0 |
| 13473 | WH | N/A | 9.68 | 559 | 104028 | 1202 | N/A | 2.25 | 168 | 31170 | 360 | 0 | 0 |
| 13479 | WH | N/A | 9.61 | 555 | 14125 | 561 | N/A | 3.46 | 233 | 5938 | 236 | 0 | 0 |
| 13480 | WSA | N/A | 0.77 | 16 | 248 | 1 | N/A | 11.22 | 1596 | 24052 | 137 | 0 | 0 |
| 13481 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 6.35 | 769 | 101392 | 1870 | 0 | 0 |
| 13482 | WSA | N/A | 0.88 | 10 | 967 | 12 | N/A | 15.25 | 1539 | 144592 | 1766 | 0 | 0 |
| 13483 | WSA | N/A | 3.21 | 405 | 50911 | 530 | N/A | 14.65 | 1295 | 162683 | 1693 | 0 | 0 |
| 13484 | WSA | N/A | 0.20 | 12 | 206 | 1 | N/A | 10.26 | 1405 | 23472 | 102 | 0 | 0 |
| 13485 | WSA | N/A | 2.89 | 149 | 1695 | 28 | N/A | 6.68 | 721 | 8195 | 138 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13488 | SH | N/A | 0.95 | 87 | 16670 | 181 | N/A | 18.88 | 2556 | 487344 | 5304 | 0 | 0 |
| 13489 | SH | N/A | 9.41 | 179 | 679 | 38 | N/A | 4.30 | 2689 | 10208 | 572 | 0 | 0 |
| 13490 | WSA | N/A | 2.84 | 423 | 27266 | 279 | N/A | 3.60 | 369 | 23816 | 244 | 0 | 0 |
| 13491 | WSA | N/A | 2.80 | 131 | 1102 | 6 | N/A | 9.64 | 1625 | 13708 | 75 | 0 | 0 |
| 13492 | WSA | N/A | 5.21 | 510 | 63443 | 1785 | N/A | 2.39 | 218 | 27117 | 763 | 0 | 0 |
| 13493 | WSA | N/A | 2.17 | 310 | 56221 | 459 | N/A | 3.70 | 305 | 55474 | 453 | 0 | 0 |
| 13494 | SH | N/A | 0.31 | 16 | 1425 | 10 | N/A | 3.44 | 427 | 36958 | 249 | 0 | 0 |
| 13495 | ESA | N/A | 18.99 | 365 | 426699 | 1949 | N/A | 6.01 | 140 | 163468 | 747 | 0 | 0 |
| 13496 | CSA | N/A | 1.13 | 74 | 780 | 3 | N/A | 2.18 | 205 | 2157 | 9 | 0 | 0 |
| 13497 | CSA | N/A | 0.83 | 165 | 4113 | 57 | N/A | 2.51 | 439 | 10976 | 152 | 0 | 0 |
| 13498 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.45 | 79 | 0 | 0 | 0 | 0 |
| 13499 | CSA | N/A | 0.09 | 16 | 1529 | 14 | N/A | 0.74 | 37 | 3440 | 32 | 0 | 0 |
| 13501 | ESA | N/A | 0.90 | 32 | 4733 | 51 | N/A | 1.68 | 59 | 8702 | 93 | 0 | 0 |
| 13502 | ESA | N/A | 5.08 | 174 | 1918 | 13 | N/A | 8.19 | 1371 | 15125 | 101 | 0 | 0 |
| 13504 | ESA | N/A | 0.18 | 7 | 77 | 1 | N/A | 1.29 | 10 | 109 | 1 | 0 | 0 |
| 13505 | ESA | N/A | 3.29 | 194 | 7060 | 59 | N/A | 5.01 | 780 | 28316 | 238 | 0 | 0 |
| 13506 | ESA | N/A | 2.56 | 83 | 7713 | 120 | N/A | 4.07 | 537 | 49708 | 773 | 0 | 0 |
| 13507 | ESA | N/A | 0.02 | 0 | 0 | 0 | N/A | 1.78 | 26 | 0 | 0 | 0 | 0 |
| 13509 | ESA | N/A | 6.88 | 327 | 28881 | 454 | N/A | 10.56 | 1056 | 93272 | 1467 | 0 | 0 |
| 13510 | WSA | N/A | 3.48 | 408 | 35711 | 1129 | N/A | 8.12 | 932 | 81497 | 2577 | 0 | 0 |
| 13511 | WSA | N/A | 3.35 | 461 | 36166 | 551 | N/A | 4.00 | 296 | 23250 | 354 | 0 | 0 |
| 13512 | WSA | N/A | 3.53 | 391 | 77977 | 785 | N/A | 7.86 | 1410 | 281333 | 2833 | 0 | 0 |
| 13513 | WSA | N/A | 0.86 | 93 | 5385 | 68 | N/A | 1.60 | 43 | 2513 | 32 | 0 | 0 |
| 13514 | WSA | N/A | 1.99 | 272 | 538 | 4 | N/A | 3.52 | 358 | 710 | 5 | 0 | 0 |
| 13516 | WSA | N/A | 4.03 | 498 | 20946 | 91 | N/A | 3.75 | 355 | 14930 | 65 | 0 | 0 |
| 13517 | WSA | N/A | 4.21 | 379 | 11237 | 94 | N/A | 3.35 | 1045 | 30940 | 259 | 0 | 0 |
| 13518 | WSA | N/A | 0.38 | 83 | 2414 | 6 | N/A | 0.25 | 7 | 209 | 1 | 0 | 0 |
| 13519 | WSA | N/A | 0.52 | 5 | 0 | 0 | N/A | 0.05 | 0 | 0 | 0 | 0 | 0 |
| 13520 | WSA | N/A | 1.50 | 170 | 779 | 4 | N/A | 2.42 | 417 | 1913 | 11 | 0 | 0 |
| 13521 | WSA | N/A | 0.01 | 11 | 49 | 0 | N/A | 1.66 | 19 | 81 | 1 | 0 | 0 |
| 13522 | WSA | N/A | 10.94 | 1327 | 76459 | 1787 | N/A | 0.70 | 204 | 11736 | 274 | 0 | 0 |
| 13523 | WSA | N/A | 4.44 | 680 | 12221 | 1022 | N/A | 0.05 | 5 | 92 | 8 | 0 | 0 |
| 13524 | WSA | N/A | 1.04 | 158 | 12987 | 355 | N/A | 2.02 | 250 | 20492 | 560 | 0 | 0 |
| 13530 | WSA | N/A | 5.51 | 856 | 38134 | 141 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13531 | WSA | N/A | 2.75 | 157 | 14894 | 165 | N/A | 3.95 | 78 | 7399 | 82 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13532 | WSA | N/A | 4.26 | 409 | 76271 | 689 | N/A | 0.98 | 29 | 5366 | 48 | 0 | 0 |
| 13533 | WSA | N/A | 2.45 | 295 | 15574 | 71 | N/A | 5.99 | 1510 | 79660 | 365 | 0 | 0 |
| 13535 | WSA | N/A | 5.32 | 312 | 17433 | 361 | N/A | 14.88 | 1797 | 100513 | 2084 | 0 | 0 |
| 13538 | WSA | N/A | 0.22 | 15 | 245 | 1 | N/A | 13.30 | 900 | 14309 | 84 | 0 | 0 |
| 13539 | WSA | N/A | 0.86 | 14 | 1145 | 15 | N/A | 11.76 | 1030 | 81975 | 1042 | 0 | 0 |
| 13540 | WSA | N/A | 0.20 | 6 | 40 | 0 | N/A | 6.74 | 685 | 4426 | 33 | 0 | 0 |
| 13541 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 14.50 | 1018 | 20107 | 144 | 0 | 0 |
| 13544 | WSA | N/A | 0.87 | 73 | 200 | 1 | N/A | 4.22 | 596 | 1631 | 10 | 0 | 0 |
| 13546 | CSA | N/A | 8.09 | 412 | 58789 | 681 | N/A | 2.25 | 35 | 4985 | 58 | 0 | 0 |
| 13547 | CSA | N/A | 3.69 | 291 | 15457 | 113 | N/A | 1.34 | 21 | 1092 | 8 | 0 | 0 |
| 13551 | CSA | N/A | 0.05 | 3 | 764 | 1 | N/A | 0.01 | 0 | 0 | 0 | 0 | 0 |
| 13552 | CSA | N/A | 2.60 | 61 | 2482 | 10 | N/A | 0.65 | 7 | 294 | 1 | 0 | 0 |
| 13553 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.53 | 0 | 0 | 0 | 0 | 0 |
| 13554 | CSA | N/A | 1.28 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13560 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.92 | 3 | 0 | 0 | 0 | 0 |
| 13561 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.99 | 0 | 0 | 0 | 0 | 0 |
| 13562 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.45 | 6 | 0 | 0 | 0 | 0 |
| 13563 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.91 | 5 | 0 | 0 | 0 | 0 |
| 13564 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.92 | 6 | 0 | 0 | 0 | 0 |
| 13565 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.94 | 4 | 0 | 0 | 0 | 0 |
| 13572 | WSA | N/A | 0.76 | 67 | 2469 | 40 | N/A | 9.27 | 922 | 34068 | 554 | 0 | 0 |
| 13573 | WSA | N/A | 1.29 | 28 | 1838 | 29 | N/A | 10.07 | 1053 | 69694 | 1097 | 0 | 0 |
| 13574 | WSA | N/A | 3.01 | 281 | 2220 | 17 | N/A | 5.49 | 593 | 4692 | 37 | 0 | 0 |
| 13575 | WSA | N/A | 0.45 | 24 | 759 | 6 | N/A | 5.43 | 574 | 18411 | 136 | 0 | 0 |
| 13576 | ESA | N/A | 2.95 | 313 | 55917 | 655 | N/A | 13.81 | 1245 | 222750 | 2611 | 0 | 0 |
| 13577 | ESA | N/A | 3.00 | 275 | 15199 | 286 | N/A | 8.47 | 682 | 37741 | 710 | 0 | 0 |
| 13579 | ESA | N/A | 4.18 | 418 | 33098 | 297 | N/A | 12.55 | 1099 | 87146 | 782 | 0 | 0 |
| 13582 | WSA | N/A | 6.23 | 183 | 17993 | 431 | N/A | 11.16 | 824 | 80969 | 1939 | 0 | 0 |
| 13583 | WSA | N/A | 4.55 | 124 | 1076 | 13 | N/A | 6.61 | 376 | 3255 | 41 | 0 | 0 |
| 13584 | WSA | N/A | 0.21 | 4 | 1510 | 13 | N/A | 10.43 | 956 | 350998 | 3134 | 0 | 0 |
| 13585 | WSA | N/A | 0.55 | 41 | 2465 | 47 | N/A | 6.89 | 1420 | 85103 | 1639 | 0 | 0 |
| 13586 | WSA | N/A | 8.51 | 257 | 23880 | 253 | N/A | 11.06 | 933 | 86638 | 919 | 0 | 0 |
| 13587 | WSA | N/A | 1.70 | 20 | 4517 | 37 | N/A | 13.81 | 2177 | 503297 | 4152 | 0 | 0 |
| 13589 | WSA | N/A | 0.47 | 11 | 362 | 3 | N/A | 8.98 | 782 | 24984 | 203 | 0 | 0 |
| 13590 | CSA | N/A | 3.29 | 412 | 2252 | 10 | N/A | 2.79 | 1040 | 5678 | 25 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13591 | CSA | N/A | 7.26 | 998 | 85527 | 1061 | N/A | 0.13 | 10 | 882 | 11 | 0 | 0 |
| 13592 | CSA | N/A | 16.03 | 1192 | 816286 | 8986 | N/A | 0.86 | 15 | 10565 | 116 | 0 | 0 |
| 13593 | CSA | N/A | 5.50 | 689 | 16069 | 136 | N/A | 1.27 | 79 | 1847 | 16 | 0 | 0 |
| 13600 | CSA | N/A | 6.39 | 590 | 85931 | 1299 | N/A | 1.66 | 408 | 59433 | 899 | 0 | 0 |
| 13605 | WSA | N/A | 2.58 | 314 | 2025 | 11 | N/A | 1.75 | 299 | 1932 | 11 | 0 | 0 |
| 13606 | WSA | N/A | 0.74 | 40 | 84 | 0 | N/A | 0.38 | 198 | 417 | 2 | 0 | 0 |
| 13610 | WSA | N/A | 5.78 | 582 | 11394 | 25 | N/A | 1.43 | 679 | 13287 | 29 | 0 | 0 |
| 13611 | WSA | N/A | 3.27 | 624 | 181050 | 841 | N/A | 0.21 | 86 | 25055 | 116 | 0 | 0 |
| 13612 | WSA | N/A | 7.49 | 1029 | 57345 | 320 | N/A | 1.02 | 322 | 17931 | 100 | 0 | 0 |
| 13613 | WSA | N/A | 5.49 | 829 | 45977 | 115 | N/A | 0.86 | 216 | 11979 | 30 | 0 | 0 |
| 13621 | WSA | N/A | 14.11 | 398 | 124845 | 416 | N/A | 8.29 | 353 | 110650 | 368 | 0 | 0 |
| 13622 | WSA | N/A | 22.72 | 715 | 55491 | 619 | N/A | 8.09 | 356 | 27626 | 308 | 0 | 0 |
| 13624 | WSA | N/A | 17.36 | 385 | 66191 | 707 | N/A | 9.18 | 255 | 43892 | 469 | 0 | 0 |
| 13630 | CSA | N/A | 6.07 | 743 | 91264 | 921 | N/A | 1.41 | 284 | 34888 | 352 | 0 | 0 |
| 13631 | CSA | N/A | 5.48 | 471 | 14376 | 91 | N/A | 9.59 | 868 | 26491 | 168 | 0 | 0 |
| 13632 | CSA | N/A | 5.29 | 506 | 6057 | 51 | N/A | 0.56 | 120 | 1440 | 12 | 0 | 0 |
| 13633 | CSA | N/A | 3.57 | 215 | 28736 | 423 | N/A | 6.89 | 1043 | 139417 | 2050 | 0 | 0 |
| 13635 | WSA | N/A | 0.21 | 25 | 64 | 0 | N/A | 3.13 | 31 | 81 | 1 | 0 | 0 |
| 13636 | WSA | N/A | 0.04 | 9 | 405 | 7 | N/A | 0.57 | 9 | 405 | 7 | 0 | 0 |
| 13637 | WSA | N/A | 1.20 | 68 | 440 | 3 | N/A | 0.67 | 91 | 586 | 4 | 0 | 0 |
| 13638 | WSA | N/A | 2.13 | 212 | 5591 | 30 | N/A | 0.59 | 126 | 3338 | 18 | 0 | 0 |
| 13639 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 161 | 664 | 5 | 0 | 0 |
| 13640 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13641 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13642 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 13645 | SH | N/A | 7.82 | 182 | 22029 | 141 | N/A | 12.83 | 774 | 93716 | 600 | 0 | 0 |
| 13646 | SH | N/A | 1.22 | 72 | 0 | 0 | N/A | 22.21 | 858 | 0 | 0 | 0 | 0 |
| 13648 | SH | N/A | 19.90 | 450 | 21619 | 177 | N/A | 5.55 | 217 | 10415 | 85 | 0 | 0 |
| 13649 | SH | N/A | 4.81 | 294 | 71 | 2 | N/A | 2.18 | 0 | 0 | 0 | 0 | 0 |
| 13650 | SH | N/A | 0.00 | 0 | 0 | 0 | N/A | 10.36 | 906 | 63423 | 881 | 0 | 0 |
| 13651 | SH | N/A | 4.00 | 170 | 4389 | 52 | N/A | 12.08 | 1368 | 35379 | 421 | 0 | 0 |
| 13652 | SH | N/A | 4.57 | 204 | 7235 | 102 | N/A | 29.95 | 1320 | 46920 | 662 | 0 | 0 |
| 13655 | PC | N/A | 7.68 | 359 | 23526 | 402 | N/A | 4.35 | 403 | 26425 | 452 | 0 | 0 |
| 13656 | PC | N/A | 40.23 | 1123 | 87440 | 1939 | N/A | 8.27 | 361 | 28106 | 623 | 0 | 0 |
| 13657 | PC | N/A | 35.16 | 746 | 88599 | 907 | N/A | 7.65 | 257 | 30551 | 313 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13659 | WH | N/A | 5.11 | 556 | 23166 | 223 | N/A | 9.18 | 663 | 27619 | 266 | 0 | 0 |
| 13660 | WH | N/A | 1.61 | 1039 | 13209 | 121 | N/A | 1.07 | 147 | 1870 | 17 | 0 | 0 |
| 13661 | WH | N/A | 7.88 | 400 | 23347 | 448 | N/A | 16.50 | 1085 | 63318 | 1215 | 0 | 0 |
| 13668 | PC | N/A | 9.16 | 261 | 7074 | 82 | N/A | 15.71 | 1130 | 30606 | 354 | 0 | 0 |
| 13669 | WSA | N/A | 2.53 | 168 | 7725 | 41 | N/A | 8.67 | 932 | 42936 | 230 | 0 | 0 |
| 13670 | WSA | N/A | 1.21 | 6 | 261 | 3 | N/A | 7.16 | 598 | 25252 | 328 | 0 | 0 |
| 13671 | WSA | N/A | 0.11 | 5 | 162 | 2 | N/A | 11.77 | 1632 | 51439 | 588 | 0 | 0 |
| 13672 | WSA | N/A | 3.92 | 261 | 10267 | 61 | N/A | 10.61 | 2084 | 81894 | 486 | 0 | 0 |
| 13673 | WSA | N/A | 1.07 | 19 | 416 | 5 | N/A | 10.40 | 1029 | 23145 | 279 | 0 | 0 |
| 13674 | WSA | N/A | 1.04 | 39 | 5331 | 90 | N/A | 9.99 | 1032 | 140716 | 2383 | 0 | 0 |
| 13677 | WSA | N/A | 3.99 | 96 | 15887 | 189 | N/A | 16.24 | 843 | 140081 | 1667 | 0 | 0 |
| 13678 | WSA | N/A | 5.28 | 122 | 13789 | 143 | N/A | 15.60 | 2114 | 238229 | 2479 | 0 | 0 |
| 13679 | WSA | N/A | 9.46 | 360 | 4050 | 22 | N/A | 15.05 | 702 | 7903 | 43 | 0 | 0 |
| 13685 | ESA | N/A | 2.39 | 119 | 8742 | 119 | N/A | 12.80 | 1038 | 76037 | 1036 | 0 | 0 |
| 13686 | ESA | N/A | 3.10 | 142 | 2653 | 11 | N/A | 14.73 | 1152 | 21529 | 86 | 0 | 0 |
| 13687 | ESA | N/A | 16.14 | 596 | 124519 | 1415 | N/A | 10.96 | 768 | 160371 | 1822 | 0 | 0 |
| 13690 | ESA | N/A | 1.69 | 96 | 5649 | 50 | N/A | 11.45 | 736 | 43491 | 382 | 0 | 0 |
| 13691 | ESA | N/A | 0.84 | 32 | 2856 | 23 | N/A | 10.81 | 863 | 77286 | 632 | 0 | 0 |
| 13692 | ESA | N/A | 1.24 | 34 | 354 | 3 | N/A | 6.57 | 618 | 6446 | 58 | 0 | 0 |
| 13693 | ESA | N/A | 4.91 | 212 | 4950 | 29 | N/A | 11.39 | 823 | 19224 | 111 | 0 | 0 |
| 13695 | WH | N/A | 17.50 | 1069 | 208659 | 1025 | N/A | 3.73 | 309 | 60248 | 296 | 0 | 0 |
| 13696 | WH | N/A | 12.77 | 1232 | 111522 | 1771 | N/A | 0.63 | 26 | 2327 | 37 | 0 | 0 |
| 13697 | WH | N/A | 0.52 | 44 | 286 | 3 | N/A | 0.18 | 5 | 33 | 0 | 0 | 0 |
| 13698 | WH | N/A | 16.95 | 1033 | 59490 | 437 | N/A | 1.75 | 11 | 652 | 5 | 0 | 0 |
| 13699 | WH | N/A | 5.81 | 269 | 17405 | 109 | N/A | 9.83 | 1016 | 65634 | 411 | 0 | 0 |
| 13705 | ESA | N/A | 8.63 | 547 | 49312 | 1221 | N/A | 11.08 | 913 | 82309 | 2039 | 0 | 0 |
| 13706 | ESA | N/A | 3.77 | 226 | 1105 | 12 | N/A | 10.04 | 1346 | 6573 | 72 | 0 | 0 |
| 13707 | ESA | N/A | 1.32 | 73 | 451 | 4 | N/A | 8.35 | 1102 | 6810 | 55 | 0 | 0 |
| 13708 | ESA | N/A | 1.66 | 78 | 1305 | 12 | N/A | 12.43 | 1360 | 22696 | 203 | 0 | 0 |
| 13709 | ESA | N/A | 6.24 | 572 | 27125 | 747 | N/A | 5.23 | 274 | 12977 | 357 | 0 | 0 |
| 13710 | ESA | N/A | 6.93 | 370 | 28223 | 447 | N/A | 14.31 | 2303 | 175531 | 2781 | 0 | 0 |
| 13711 | ESA | N/A | 1.81 | 17 | 1610 | 22 | N/A | 14.07 | 2397 | 220698 | 2980 | 0 | 0 |
| 13712 | ESA | N/A | 8.66 | 490 | 81224 | 797 | N/A | 5.38 | 481 | 79859 | 783 | 0 | 0 |
| 13713 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 26.14 | 2048 | 16466 | 112 | 0 | 0 |
| 13714 | CSA | N/A | 0.02 | 10 | 38 | 0 | N/A | 10.34 | 1865 | 6825 | 32 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13715 | CSA | N/A | 0.08 | 5 | 45 | 0 | N/A | 14.79 | 1225 | 10647 | 115 | 0 | 0 |
| 13716 | CSA | N/A | 0.02 | 6 | 415 | 6 | N/A | 6.15 | 327 | 22000 | 301 | 0 | 0 |
| 13717 | CSA | N/A | 2.09 | 27 | 0 | 0 | N/A | 20.95 | 555 | 0 | 0 | 0 | 0 |
| 13718 | CSA | N/A | 0.01 | 0 | 0 | 0 | N/A | 18.47 | 946 | 2256 | 4 | 0 | 0 |
| 13719 | CSA | N/A | 0.01 | 5 | 65 | 1 | N/A | 4.44 | 792 | 10065 | 95 | 0 | 0 |
| 13722 | PC | N/A | 9.61 | 457 | 58461 | 310 | N/A | 1.78 | 58 | 7373 | 39 | 0 | 0 |
| 13723 | PC | N/A | 16.66 | 590 | 124691 | 2522 | N/A | 12.80 | 733 | 154886 | 3132 | 0 | 0 |
| 13724 | PC | N/A | 26.03 | 734 | 129766 | 1749 | N/A | 6.10 | 264 | 46708 | 630 | 0 | 0 |
| 13729 | ESA | N/A | 2.26 | 52 | 49 | 0 | N/A | 12.26 | 970 | 901 | 7 | 0 | 0 |
| 13731 | ESA | N/A | 0.08 | 7 | 432 | 8 | N/A | 10.85 | 888 | 53247 | 968 | 0 | 0 |
| 13732 | ESA | N/A | 0.10 | 20 | 0 | 0 | N/A | 16.29 | 1266 | 0 | 0 | 0 | 0 |
| 13733 | ESA | N/A | 1.64 | 10 | 6 | 0 | N/A | 11.71 | 279 | 164 | 1 | 0 | 0 |
| 13737 | WSA | N/A | 3.92 | 654 | 18143 | 90 | N/A | 0.57 | 85 | 2368 | 12 | 0 | 0 |
| 13738 | WSA | N/A | 1.98 | 206 | 5947 | 17 | N/A | 1.24 | 333 | 9634 | 27 | 0 | 0 |
| 13739 | WSA | N/A | 0.83 | 82 | 207 | 2 | N/A | 0.88 | 121 | 305 | 2 | 0 | 0 |
| 13740 | WSA | N/A | 10.44 | 1207 | 56172 | 433 | N/A | 0.18 | 6 | 287 | 2 | 0 | 0 |
| 13745 | WSA | N/A | 1.64 | 43 | 1359 | 5 | N/A | 16.56 | 1800 | 56630 | 226 | 0 | 0 |
| 13747 | WSA | N/A | 0.74 | 99 | 2897 | 98 | N/A | 1.91 | 320 | 9386 | 316 | 0 | 0 |
| 13748 | WSA | N/A | 4.40 | 448 | 157418 | 783 | N/A | 7.69 | 714 | 250569 | 1246 | 0 | 0 |
| 13749 | WSA | N/A | 2.00 | 233 | 9010 | 79 | N/A | 9.15 | 1188 | 45843 | 400 | 0 | 0 |
| 13750 | WSA | N/A | 1.53 | 73 | 7081 | 48 | N/A | 5.95 | 578 | 56049 | 379 | 0 | 0 |
| 13753 | WSA | N/A | 3.69 | 688 | 8004 | 71 | N/A | 0.08 | 4 | 48 | 0 | 0 | 0 |
| 13754 | WSA | N/A | 7.45 | 1137 | 65898 | 482 | N/A | 1.03 | 242 | 14002 | 102 | 0 | 0 |
| 13756 | WSA | N/A | 3.32 | 956 | 49913 | 1010 | N/A | 1.23 | 806 | 42077 | 851 | 0 | 0 |
| 13761 | WSA | N/A | 0.39 | 35 | 296 | 39 | N/A | 1.38 | 348 | 2943 | 386 | 0 | 0 |
| 13762 | WSA | N/A | 0.15 | 7 | 12 | 0 | N/A | 1.40 | 21 | 33 | 1 | 0 | 0 |
| 13763 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.03 | 4 | 0 | 0 | 0 | 0 |
| 13764 | WSA | N/A | 0.16 | 13 | 169 | 13 | N/A | 1.39 | 305 | 3872 | 307 | 0 | 0 |
| 13765 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.22 | 10 | 0 | 0 | 0 | 0 |
| 13769 | WH | N/A | 16.71 | 399 | 2009 | 48 | N/A | 13.71 | 739 | 3723 | 90 | 0 | 0 |
| 13770 | WH | N/A | 4.03 | 232 | 648 | 6 | N/A | 21.81 | 1411 | 3933 | 36 | 0 | 0 |
| 13772 | WH | N/A | 18.81 | 616 | 133691 | 1511 | N/A | 10.17 | 558 | 121193 | 1370 | 0 | 0 |
| 13777 | SH | N/A | 2.18 | 268 | 1995 | 11 | N/A | 13.08 | 700 | 5205 | 29 | 0 | 0 |
| 13780 | SH | N/A | 7.13 | 621 | 38870 | 226 | N/A | 9.92 | 740 | 46336 | 270 | 0 | 0 |
| 13781 | SH | N/A | 2.35 | 101 | 15329 | 200 | N/A | 18.37 | 1801 | 273892 | 3575 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13785 | PC | N/A | 16.59 | 287 | 66677 | 581 | N/A | 2.77 | 52 | 12188 | 106 | 0 | 0 |
| 13786 | PC | N/A | 42.93 | 757 | 266935 | 3370 | N/A | 1.57 | 14 | 5078 | 64 | 0 | 0 |
| 13787 | PC | N/A | 41.50 | 875 | 275129 | 2841 | N/A | 6.97 | 70 | 21984 | 227 | 0 | 0 |
| 13793 | ESA | N/A | 3.70 | 200 | 5519 | 31 | N/A | 12.74 | 1368 | 37839 | 214 | 0 | 0 |
| 13795 | ESA | N/A | 8.43 | 298 | 12526 | 98 | N/A | 24.77 | 1620 | 68030 | 534 | 0 | 0 |
| 13796 | ESA | N/A | 5.80 | 188 | 9535 | 62 | N/A | 7.04 | 1055 | 53457 | 347 | 0 | 0 |
| 13797 | ESA | N/A | 4.72 | 209 | 7916 | 66 | N/A | 16.26 | 1292 | 48975 | 409 | 0 | 0 |
| 13798 | ESA | N/A | 3.46 | 205 | 6461 | 32 | N/A | 9.67 | 984 | 31071 | 155 | 0 | 0 |
| 13799 | ESA | N/A | 2.80 | 131 | 4624 | 36 | N/A | 10.81 | 1409 | 49876 | 391 | 0 | 0 |
| 13805 | PC | N/A | 45.95 | 1020 | 88788 | 667 | N/A | 4.22 | 55 | 4744 | 36 | 0 | 0 |
| 13807 | PC | N/A | 34.80 | 1026 | 197468 | 2646 | N/A | 2.61 | 78 | 15038 | 202 | 0 | 0 |
| 13808 | PC | N/A | 102.35 | 1831 | 189222 | 813 | N/A | 5.10 | 92 | 9461 | 41 | 0 | 0 |
| 13813 | DC | N/A | 43.48 | 733 | 277999 | 1685 | N/A | 5.45 | 76 | 28853 | 175 | 0 | 0 |
| 13815 | DC | N/A | 45.20 | 651 | 366805 | 1521 | N/A | 7.50 | 94 | 52732 | 219 | 0 | 0 |
| 13817 | SH | N/A | 20.29 | 822 | 52219 | 363 | N/A | 15.77 | 844 | 53657 | 373 | 0 | 0 |
| 13825 | CSA | N/A | 7.03 | 795 | 16137 | 94 | N/A | 2.12 | 578 | 11732 | 68 | 0 | 0 |
| 13826 | CSA | N/A | 3.64 | 289 | 19921 | 351 | N/A | 7.09 | 1333 | 91879 | 1620 | 0 | 0 |
| 13827 | CSA | N/A | 4.00 | 376 | 47752 | 478 | N/A | 3.40 | 384 | 48665 | 488 | 0 | 0 |
| 13828 | CSA | N/A | 5.94 | 474 | 32097 | 368 | N/A | 3.29 | 828 | 56049 | 642 | 0 | 0 |
| 13829 | CSA | N/A | 1.03 | 65 | 8660 | 85 | N/A | 8.28 | 809 | 108179 | 1067 | 0 | 0 |
| 13830 | CSA | N/A | 3.67 | 331 | 14568 | 88 | N/A | 5.84 | 300 | 13211 | 80 | 0 | 0 |
| 13831 | CSA | N/A | 0.62 | 154 | 8326 | 199 | N/A | 5.51 | 1055 | 56951 | 1360 | 0 | 0 |
| 13832 | CSA | N/A | 3.01 | 238 | 3503 | 23 | N/A | 1.36 | 162 | 2396 | 16 | 0 | 0 |
| 13835 | CSA | N/A | 5.51 | 557 | 49862 | 726 | N/A | 2.96 | 656 | 58694 | 854 | 0 | 0 |
| 13836 | CSA | N/A | 1.02 | 37 | 762 | 4 | N/A | 7.94 | 338 | 6963 | 39 | 0 | 0 |
| 13837 | CSA | N/A | 4.05 | 441 | 34439 | 155 | N/A | 7.72 | 623 | 48648 | 218 | 0 | 0 |
| 13838 | CSA | N/A | 9.42 | 668 | 20753 | 148 | N/A | 6.66 | 911 | 28287 | 202 | 0 | 0 |
| 13839 | CSA | N/A | 6.70 | 426 | 140764 | 876 | N/A | 15.74 | 702 | 232227 | 1446 | 0 | 0 |
| 13840 | CSA | N/A | 7.72 | 357 | 36525 | 365 | N/A | 10.24 | 1544 | 157994 | 1577 | 0 | 0 |
| 13844 | CSA | N/A | 0.23 | 6 | 161 | 5 | N/A | 2.54 | 563 | 14658 | 423 | 0 | 0 |
| 13845 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 3.94 | 0 | 0 | 0 | 0 | 0 |
| 13850 | PC | N/A | 0.07 | 5 | 23 | 0 | N/A | 11.32 | 629 | 2799 | 25 | 0 | 0 |
| 13853 | PC | N/A | 1.99 | 33 | 2890 | 64 | N/A | 26.92 | 1284 | 112792 | 2490 | 0 | 0 |
| 13854 | PC | N/A | 17.27 | 1065 | 166938 | 1534 | N/A | 16.09 | 1216 | 190464 | 1750 | 0 | 0 |
| 13858 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.25 | 0 | 0 | 0 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13860 | WSA | N/A | 1.83 | 70 | 842 | 7 | N/A | 7.90 | 945 | 11376 | 98 | 0 | 0 |
| 13863 | WSA | N/A | 0.76 | 20 | 629 | 6 | N/A | 7.42 | 701 | 22591 | 204 | 0 | 0 |
| 13864 | WSA | N/A | 2.24 | 218 | 24092 | 261 | N/A | 1.82 | 197 | 21819 | 236 | 0 | 0 |
| 13865 | WSA | N/A | 5.11 | 233 | 14383 | 261 | N/A | 13.31 | 1423 | 87691 | 1591 | 0 | 0 |
| 13866 | WSA | N/A | 3.60 | 172 | 4355 | 199 | N/A | 4.62 | 285 | 7224 | 330 | 0 | 0 |
| 13867 | WSA | N/A | 2.32 | 177 | 0 | 0 | N/A | 1.77 | 58 | 0 | 0 | 0 | 0 |
| 13869 | WSA | N/A | 0.18 | 13 | 637 | 2 | N/A | 5.74 | 557 | 26571 | 77 | 0 | 0 |
| 13870 | WSA | N/A | 3.66 | 93 | 2749 | 17 | N/A | 14.15 | 1594 | 47348 | 298 | 0 | 0 |
| 13871 | WSA | N/A | 0.33 | 5 | 25 | 0 | N/A | 8.08 | 971 | 4648 | 9 | 0 | 0 |
| 13872 | WSA | N/A | 0.01 | 5 | 260 | 6 | N/A | 9.70 | 853 | 43098 | 945 | 0 | 0 |
| 13873 | WSA | N/A | 4.23 | 10 | 783 | 4 | N/A | 16.15 | 1143 | 86964 | 494 | 0 | 0 |
| 13878 | ESA | N/A | 1.92 | 57 | 6121 | 80 | N/A | 8.35 | 1434 | 155152 | 2021 | 0 | 0 |
| 13879 | ESA | N/A | 0.27 | 7 | 69 | 0 | N/A | 8.61 | 2283 | 21993 | 125 | 0 | 0 |
| 13880 | ESA | N/A | 0.14 | 5 | 60 | 1 | N/A | 6.86 | 1237 | 14545 | 169 | 0 | 0 |
| 13881 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.42 | 124 | 11297 | 117 | 0 | 0 |
| 13882 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 1.12 | 108 | 0 | 0 | 0 | 0 |
| 13883 | ESA | N/A | 1.26 | 70 | 791 | 6 | N/A | 4.47 | 1334 | 15096 | 113 | 0 | 0 |
| 13884 | ESA | N/A | 0.33 | 34 | 3975 | 41 | N/A | 11.48 | 1519 | 177934 | 1850 | 0 | 0 |
| 13885 | ESA | N/A | 0.61 | 10 | 108 | 1 | N/A | 9.92 | 1208 | 12682 | 67 | 0 | 0 |
| 13886 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 11.82 | 1154 | 132247 | 1676 | 0 | 0 |
| 13888 | WSA | N/A | 0.82 | 23 | 1238 | 24 | N/A | 11.61 | 1162 | 63608 | 1249 | 0 | 0 |
| 13889 | WSA | N/A | 6.84 | 326 | 37128 | 390 | N/A | 13.57 | 1401 | 159522 | 1674 | 0 | 0 |
| 13890 | WSA | N/A | 0.70 | 32 | 614 | 3 | N/A | 7.02 | 663 | 12783 | 70 | 0 | 0 |
| 13891 | WSA | N/A | 0.01 | 4 | 55 | 0 | N/A | 17.73 | 1385 | 18589 | 119 | 0 | 0 |
| 13892 | WSA | N/A | 1.69 | 83 | 11678 | 181 | N/A | 7.16 | 828 | 116057 | 1801 | 0 | 0 |
| 13895 | WSA | N/A | 0.79 | 96 | 766 | 13 | N/A | 2.14 | 225 | 1805 | 30 | 0 | 0 |
| 13896 | SH | N/A | 8.31 | 645 | 37393 | 705 | N/A | 6.84 | 673 | 39003 | 735 | 0 | 0 |
| 13897 | SH | N/A | 4.40 | 129 | 31005 | 409 | N/A | 10.93 | 635 | 153038 | 2020 | 0 | 0 |
| 13898 | SH | N/A | 1.60 | 29 | 4675 | 60 | N/A | 26.42 | 1484 | 240944 | 3111 | 0 | 0 |
| 13899 | SH | N/A | 2.00 | 134 | 679 | 4 | N/A | 1.05 | 111 | 564 | 4 | 0 | 0 |
| 13900 | SH | N/A | 5.60 | 76 | 2102 | 4 | N/A | 17.03 | 1015 | 28030 | 48 | 0 | 0 |
| 13906 | ESA | N/A | 6.78 | 371 | 47968 | 448 | N/A | 3.41 | 342 | 44247 | 413 | 0 | 0 |
| 13909 | ESA | N/A | 7.47 | 584 | 53761 | 646 | N/A | 2.74 | 51 | 4733 | 57 | 0 | 0 |
| 13910 | ESA | N/A | 8.00 | 361 | 228280 | 1107 | N/A | 8.91 | 686 | 433796 | 2104 | 0 | 0 |
| 13911 | ESA | N/A | 6.70 | 451 | 86775 | 225 | N/A | 6.10 | 699 | 134412 | 349 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13916 | WH | N/A | 2.43 | 135 | 610 | 5 | N/A | 12.45 | 1627 | 7364 | 58 | 0 | 0 |
| 13918 | WH | N/A | 1.89 | 96 | 1300 | 6 | N/A | 10.47 | 631 | 8585 | 40 | 0 | 0 |
| 13919 | WH | N/A | 0.01 | 11 | 430 | 11 | N/A | 1.04 | 34 | 1290 | 32 | 0 | 0 |
| 13920 | WH | N/A | 1.93 | 65 | 3331 | 24 | N/A | 11.11 | 1433 | 73656 | 541 | 0 | 0 |
| 13921 | WH | N/A | 2.46 | 160 | 7349 | 46 | N/A | 6.24 | 590 | 27040 | 168 | 0 | 0 |
| 13922 | WH | N/A | 0.82 | 13 | 748 | 4 | N/A | 26.99 | 1529 | 85529 | 468 | 0 | 0 |
| 13924 | WH | N/A | 41.18 | 526 | 10959 | 87 | N/A | 1.79 | 32 | 665 | 5 | 0 | 0 |
| 13927 | WH | N/A | 26.19 | 756 | 92009 | 836 | N/A | 11.31 | 949 | 115544 | 1050 | 0 | 0 |
| 13929 | SH | N/A | 0.45 | 0 | 0 | 0 | N/A | 0.36 | 0 | 0 | 0 | 0 | 0 |
| 13930 | SH | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.47 | 0 | 0 | 0 | 0 | 0 |
| 13932 | CSA | N/A | 4.16 | 176 | 8746 | 65 | N/A | 7.82 | 442 | 21992 | 165 | 0 | 0 |
| 13934 | CSA | N/A | 1.50 | 51 | 87 | 1 | N/A | 8.86 | 1103 | 1868 | 12 | 0 | 0 |
| 13935 | CSA | N/A | 1.86 | 148 | 16698 | 184 | N/A | 4.25 | 312 | 35135 | 388 | 0 | 0 |
| 13939 | CSA | N/A | 2.65 | 171 | 2813 | 19 | N/A | 10.60 | 984 | 16217 | 109 | 0 | 0 |
| 13942 | CSA | N/A | 0.23 | 154 | 417 | 6 | N/A | 1.42 | 772 | 2088 | 30 | 0 | 0 |
| 13943 | CSA | N/A | 1.22 | 61 | 2391 | 16 | N/A | 0.96 | 17 | 689 | 4 | 0 | 0 |
| 13944 | CSA | N/A | 0.06 | 14 | 148 | 2 | N/A | 0.22 | 102 | 1043 | 18 | 0 | 0 |
| 13946 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 1330 | 0 | 0 | 0 | 0 |
| 13947 | CSA | N/A | 6.45 | 946 | 8432 | 47 | N/A | 0.15 | 0 | 0 | 0 | 0 | 0 |
| 13948 | CSA | N/A | 6.38 | 720 | 12558 | 60 | N/A | 2.58 | 392 | 6835 | 33 | 0 | 0 |
| 13951 | ESA | N/A | 0.93 | 78 | 3667 | 76 | N/A | 1.58 | 78 | 3667 | 76 | 0 | 0 |
| 13952 | ESA | N/A | 0.38 | 16 | 60 | 1 | N/A | 2.66 | 93 | 336 | 3 | 0 | 0 |
| 13953 | ESA | N/A | 4.10 | 158 | 23744 | 162 | N/A | 5.39 | 208 | 31145 | 213 | 0 | 0 |
| 13954 | ESA | N/A | 0.40 | 24 | 529 | 1 | N/A | 2.85 | 94 | 2092 | 5 | 0 | 0 |
| 13955 | ESA | N/A | 3.46 | 122 | 10150 | 116 | N/A | 8.34 | 2220 | 184143 | 2112 | 0 | 0 |
| 13956 | ESA | N/A | 1.30 | 60 | 6244 | 62 | N/A | 8.03 | 1544 | 161579 | 1601 | 0 | 0 |
| 13959 | PC | N/A | 12.75 | 471 | 249313 | 1469 | N/A | 2.65 | 201 | 106148 | 626 | 0 | 0 |
| 13961 | PC | N/A | 22.28 | 616 | 101489 | 706 | N/A | 14.65 | 1399 | 230427 | 1603 | 0 | 0 |
| 13962 | PC | N/A | 19.26 | 768 | 237133 | 2806 | N/A | 5.27 | 218 | 67299 | 796 | 0 | 0 |
| 13963 | ESA | N/A | 3.38 | 364 | 6368 | 36 | N/A | 2.18 | 103 | 1799 | 10 | 0 | 0 |
| 13964 | ESA | N/A | 7.18 | 466 | 39609 | 526 | N/A | 0.35 | 4 | 350 | 5 | 0 | 0 |
| 13967 | WH | N/A | 3.66 | 209 | 10384 | 207 | N/A | 13.96 | 1334 | 66347 | 1321 | 0 | 0 |
| 13968 | WH | N/A | 5.31 | 716 | 67446 | 818 | N/A | 1.45 | 358 | 33723 | 409 | 0 | 0 |
| 13971 | WH | N/A | 0.18 | 3 | 0 | 0 | N/A | 1.17 | 8 | 0 | 0 | 0 | 0 |
| 13972 | WH | N/A | 3.93 | 64 | 1456 | 10 | N/A | 18.82 | 1362 | 31096 | 212 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13973 | WH | N/A | 1.36 | 36 | 1240 | 11 | N/A | 16.27 | 1853 | 63821 | 544 | 0 | 0 |
| 13980 | PC | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 3 | 0 | 0 | 0 | 0 |
| 13982 | PC | N/A | 2.17 | 44 | 577 | 4 | N/A | 0.88 | 0 | 0 | 0 | 0 | 0 |
| 13983 | PC | N/A | 18.56 | 628 | 12041 | 75 | N/A | 4.48 | 174 | 3331 | 21 | 0 | 0 |
| 13984 | PC | N/A | 9.22 | 386 | 29249 | 485 | N/A | 6.45 | 299 | 22697 | 376 | 0 | 0 |
| 13985 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 23.40 | 1893 | 39847 | 74 | 0 | 0 |
| 13986 | CSA | N/A | 1.17 | 21 | 932 | 12 | N/A | 14.15 | 1572 | 71267 | 948 | 0 | 0 |
| 13987 | CSA | N/A | 0.05 | 7 | 91 | 0 | N/A | 10.08 | 2203 | 27784 | 105 | 0 | 0 |
| 13988 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 11.90 | 2003 | 49818 | 333 | 0 | 0 |
| 13989 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 19.58 | 1412 | 126533 | 1779 | 0 | 0 |
| 13990 | CSA | N/A | 0.59 | 13 | 480 | 3 | N/A | 21.68 | 1581 | 56725 | 365 | 0 | 0 |
| 13991 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 10.05 | 640 | 45393 | 155 | 0 | 0 |
| 13993 | CSA | N/A | 4.95 | 200 | 14572 | 85 | N/A | 11.29 | 891 | 65049 | 379 | 0 | 0 |
| 14000 | PC | N/A | 16.43 | 601 | 73582 | 718 | N/A | 6.32 | 385 | 47122 | 460 | 0 | 0 |
| 14001 | PC | N/A | 3.41 | 31 | 2090 | 22 | N/A | 1.04 | 44 | 2995 | 32 | 0 | 0 |
| 14002 | PC | N/A | 0.52 | 12 | 3870 | 28 | N/A | 14.60 | 828 | 259632 | 1892 | 0 | 0 |
| 14004 | PC | N/A | 0.05 | 5 | 0 | 0 | N/A | 0.22 | 5 | 0 | 0 | 0 | 0 |
| 14010 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 2.39 | 88 | 0 | 0 | 0 | 0 |
| 14011 | CSA | N/A | 0.87 | 10 | 249 | 3 | N/A | 5.34 | 962 | 23288 | 266 | 0 | 0 |
| 14012 | CSA | N/A | 11.41 | 690 | 71216 | 509 | N/A | 4.40 | 448 | 46275 | 331 | 0 | 0 |
| 14014 | CSA | N/A | 0.74 | 0 | 0 | 0 | N/A | 1.10 | 0 | 0 | 0 | 0 | 0 |
| 14020 | SH | N/A | 5.07 | 284 | 48950 | 921 | N/A | 10.75 | 946 | 163168 | 3068 | 0 | 0 |
| 14021 | SH | N/A | 8.53 | 342 | 42485 | 330 | N/A | 11.37 | 818 | 101429 | 787 | 0 | 0 |
| 14022 | SH | N/A | 1.23 | 95 | 1426 | 13 | N/A | 12.91 | 1168 | 17610 | 165 | 0 | 0 |
| 14023 | SH | N/A | 16.05 | 436 | 37777 | 470 | N/A | 4.81 | 291 | 25215 | 314 | 0 | 0 |
| 14024 | SH | N/A | 8.41 | 698 | 17519 | 163 | N/A | 13.08 | 1011 | 25363 | 236 | 0 | 0 |
| 14025 | SH | N/A | 9.27 | 254 | 23926 | 502 | N/A | 18.53 | 1741 | 163993 | 3438 | 0 | 0 |
| 14026 | SH | N/A | 3.42 | 6 | 6785 | 34 | N/A | 4.73 | 0 | 0 | 0 | 0 | 0 |
| 14030 | WSA | N/A | 6.57 | 251 | 15406 | 80 | N/A | 24.51 | 1838 | 112830 | 589 | 0 | 0 |
| 14031 | WSA | N/A | 7.51 | 363 | 19459 | 412 | N/A | 11.53 | 1442 | 77286 | 1638 | 0 | 0 |
| 14032 | WSA | N/A | 1.45 | 145 | 0 | 0 | N/A | 1.64 | 571 | 0 | 0 | 0 | 0 |
| 14035 | WSA | N/A | 1.01 | 86 | 3101 | 17 | N/A | 2.16 | 353 | 12662 | 68 | 0 | 0 |
| 14036 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.81 | 42 | 42 | 14 | 0 | 0 |
| 14037 | WSA | N/A | 0.81 | 5 | 69 | 0 | N/A | 18.55 | 1956 | 26201 | 118 | 0 | 0 |
| 14040 | CSA | N/A | 5.69 | 341 | 20768 | 373 | N/A | 11.91 | 1440 | 87575 | 1572 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14041 | CSA | N/A | 19.22 | 767 | 378732 | 2899 | N/A | 5.30 | 245 | 120829 | 925 | 0 | 0 |
| 14042 | CSA | N/A | 5.30 | 465 | 63877 | 677 | N/A | 13.30 | 1075 | 147679 | 1564 | 0 | 0 |
| 14050 | PC | N/A | 32.22 | 447 | 71390 | 1155 | N/A | 3.01 | 5 | 821 | 13 | 0 | 2 |
| 14051 | PC | N/A | 1.66 | 0 | 0 | 0 | N/A | 0.07 | 0 | 0 | 0 | 0 | 0 |
| 14059 | CSA | N/A | 0.07 | 3 | 147 | 3 | N/A | 2.07 | 1020 | 48773 | 1001 | 0 | 0 |
| 14060 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.53 | 9 | 0 | 0 | 0 | 0 |
| 14064 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.52 | 486 | 0 | 0 | 0 | 0 |
| 14065 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 8.36 | 1239 | 0 | 0 | 0 | 0 |
| 14066 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.39 | 0 | 0 | 0 | 0 | 0 |
| 14069 | WSA | N/A | 5.61 | 218 | 22125 | 222 | N/A | 17.33 | 776 | 78795 | 792 | 0 | 0 |
| 14070 | WSA | N/A | 0.07 | 19 | 2048 | 36 | N/A | 18.93 | 1191 | 131763 | 2335 | 0 | 0 |
| 14071 | WSA | N/A | 8.63 | 367 | 26697 | 457 | N/A | 22.22 | 1024 | 74483 | 1275 | 0 | 0 |
| 14079 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 15.92 | 1734 | 206074 | 4315 | 0 | 0 |
| 14080 | WSA | N/A | 0.03 | 0 | 0 | 0 | N/A | 15.92 | 1418 | 50282 | 1631 | 0 | 0 |
| 14081 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 10.42 | 1392 | 42791 | 205 | 0 | 0 |
| 14082 | WSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 13.52 | 1080 | 6621 | 104 | 0 | 0 |
| 14083 | WSA | N/A | 1.43 | 3 | 62 | 0 | N/A | 15.48 | 973 | 19696 | 96 | 0 | 0 |
| 14084 | WSA | N/A | 0.11 | 8 | 249 | 1 | N/A | 15.45 | 974 | 29471 | 118 | 0 | 0 |
| 14089 | CSA | N/A | 0.08 | 11 | 3133 | 37 | N/A | 24.49 | 1334 | 369377 | 4341 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14090 | CSA | N/A | 0.12 | 10 | 659 | 3 | N/A | 9.05 | 468 | 29972 | 139 | 0 | 0 |
| 14091 | CSA | N/A | 0.21 | 6 | 243 | 1 | N/A | 11.35 | 1047 | 41291 | 250 | 0 | 0 |
| 14094 | CSA | N/A | 0.03 | 10 | 0 | 0 | N/A | 11.36 | 1451 | 0 | 0 | 0 | 0 |
| 14095 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 14.78 | 881 | 18868 | 107 | 0 | 0 |
| 14096 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 14.06 | 1293 | 61104 | 1273 | 0 | 0 |
| 14099 | CSA | N/A | 2.60 | 46 | 12753 | 178 | N/A | 9.72 | 539 | 148501 | 2068 | 0 | 0 |
| 14100 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 19.45 | 1874 | 0 | 0 | 0 | 0 |
| 14101 | CSA | N/A | 0.00 | 0 | 0 | 0 | N/A | 20.68 | 1551 | 119686 | 1743 | 0 | 0 |
| 14102 | CSA | N/A | 2.20 | 48 | 666 | 10 | N/A | 20.07 | 1850 | 25504 | 388 | 0 | 0 |
| 14109 | ESA | N/A | 0.47 | 20 | 422 | 2 | N/A | 5.23 | 632 | 13650 | 57 | 0 | 0 |
| 14110 | ESA | N/A | 4.27 | 154 | 16652 | 67 | N/A | 14.79 | 679 | 73268 | 296 | 0 | 0 |
| 14111 | ESA | N/A | 7.54 | 530 | 27969 | 154 | N/A | 7.72 | 658 | 34757 | 192 | 0 | 0 |
| 14112 | ESA | N/A | 3.58 | 132 | 17783 | 45 | N/A | 10.50 | 670 | 90444 | 231 | 0 | 0 |
| 14114 | ESA | N/A | 6.05 | 299 | 46383 | 361 | N/A | 12.76 | 1070 | 165768 | 1288 | 0 | 0 |
| 14115 | ESA | N/A | 0.92 | 39 | 2007 | 41 | N/A | 3.09 | 133 | 6812 | 138 | 0 | 0 |
| 14116 | ESA | N/A | 1.13 | 101 | 8478 | 136 | N/A | 1.68 | 330 | 27770 | 444 | 0 | 0 |
| 14117 | ESA | N/A | 0.76 | 111 | 13561 | 106 | N/A | 1.67 | 84 | 10297 | 81 | 0 | 0 |
| 14119 | PC | N/A | 0.39 | 153 | 18229 | 237 | N/A | 27.66 | 1559 | 185469 | 2410 | 0 | 0 |
| 14120 | PC | N/A | 2.15 | 47 | 1916 | 7 | N/A | 15.16 | 913 | 36983 | 143 | 0 | 0 |
| 14121 | PC | N/A | 17.12 | 350 | 44972 | 556 | N/A | 22.47 | 1062 | 136636 | 1690 | 0 | 0 |
| 14122 | PC | N/A | 0.01 | 23 | 45 | 0 | N/A | 25.44 | 1443 | 2893 | 26 | 0 | 0 |
| 14123 | PC | N/A | 5.92 | 179 | 778 | 5 | N/A | 14.36 | 857 | 3722 | 25 | 0 | 0 |
| 14144 | SH | N/A | 7.03 | 545 | 44182 | 217 | N/A | 9.86 | 972 | 78777 | 387 | 0 | 0 |
| 14145 | SH | N/A | 0.18 | 42 | 0 | 0 | N/A | 13.69 | 537 | 0 | 0 | 0 | 0 |
| 14196 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.08 | 4 | 0 | 0 | 0 | 0 |
| 14197 | ESA | N/A | 1.96 | 67 | 3793 | 271 | N/A | 0.77 | 33 | 1868 | 133 | 0 | 0 |
| 14198 | ESA | N/A | 2.05 | 66 | 18264 | 220 | N/A | 4.11 | 239 | 66209 | 797 | 0 | 0 |
| 14199 | ESA | N/A | 1.12 | 65 | 270 | 2 | N/A | 0.81 | 21 | 86 | 0 | 0 | 0 |
| 14200 | SH | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 14201 | SH | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 14207 | ESA | N/A | 0.17 | 4 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 14208 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.05 | 4 | 0 | 0 | 0 | 0 |
| 14209 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 3 | 0 | 0 | 0 | 0 |
| 14216 | CSA | N/A | 7.13 | 0 | 0 | 0 | N/A | 17.81 | 0 | 0 | 0 | 0 | 0 |
| 14217 | CSA | N/A | 5.12 | 155 | 42 | 0 | N/A | 6.72 | 517 | 140 | 2 | 0 | 0 |

| (A) Circuit | (B) Service Area | (C) Number of OH Lateral Lines | (D) Number of OH Lateral Miles | (E) Number of Customers Served on OH Lateral Lines | (F) CMI for OH Lateral Lines | (G) CI for OH Lateral Lines | (H) Number of URD Lateral Lines | (I) Number of URD Lateral Miles | (J) Number of Customers Served on URD Lateral Lines | (K) CMI for URD Lateral Lines | (L) CI for URD Lateral Lines | (M) Number of Automatic Line Sectionalizing Devices on the Lateral | (N) Number of Automatic Line Sectionalizing Devices on the Feeder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14218 | CSA | N/A | 0.05 | 0 | 0 | 0 | N/A | 9.94 | 0 | 0 | 0 | 0 | 0 |
| 14274 | WSA | N/A | 27.41 | 493 | 101661 | 1163 | N/A | 5.98 | 263 | 54332 | 621 | 0 | 0 |
| 14275 | WSA | N/A | 2.53 | 28 | 3614 | 33 | N/A | 23.39 | 1227 | 159702 | 1443 | 0 | 0 |
| 14306 | DC | N/A | 17.02 | 434 | 135142 | 1048 | N/A | 1.34 | 16 | 5124 | 40 | 0 | 0 |
| 14310 | ESA | N/A | 0.00 | 0 | 0 | 0 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |
| 14341 | ESA | N/A | 6.43 | 25 | 688 | 2 | N/A | 0.00 | 0 | 0 | 0 | 0 | 0 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 3.91 | 0.09 | 0 | 0 | 0 | 3.82 | 62 | 7301 | 38 | 0.5% | 6.1 |
| YES | 2.85 | 0.05 | 0 | 0 | 0 | 2.80 | 14 | 107 | 1 | -50.6% | 2.3 |
| YES | 9.31 | 0.59 | 0 | 0 | 0 | 8.72 | 55 | 12867 | 126 | 24.7% | 5.2 |
| YES | 3.34 | 0.00 | 0 | 0 | 0 | 3.34 | 39 | 8598 | 118 | 4.0% | 5.8 |
| YES | 1.59 | 0.51 | 0 | 0 | 0 | 1.08 | 36 | 1138 | 7 | 0.0% | 3.4 |
| YES | 5.98 | 0.05 | 0 | 0 | 0 | 5.93 | 100 | 15833 | 294 | 1.4% | 6.2 |
| YES | 3.25 | 0.19 | 0 | 0 | 0 | 3.06 | 16 | 5759 | 43 | 9.3% | 7.4 |
| YES | 0.86 | 0.00 | 0 | 0 | 0 | 0.86 | 48 | 4023 | 31 | 0.0% | 2.8 |
| YES | 1.99 | 0.09 | 0 | 0 | 0 | 1.90 | 0 | 0 | 0 | 11.8% | 1.9 |
| YES | 4.83 | 0.20 | 0 | 0 | 0 | 4.63 | 52 | 3488 | 27 | 0.0% | 6.2 |
| YES | 6.95 | 0.54 | 0 | 0 | 0 | 6.41 | 106 | 9789 | 134 | 0.0% | 7.8 |
| YES | 0.83 | 0.32 | 0 | 0 | 0 | 0.51 | 0 | 0 | 0 | 0.5% | 4.3 |
| YES | 1.44 | 0.82 | 0 | 0 | 0 | 0.63 | 13 | 82 | 1 | 0.5% | 4.4 |
| YES | 0.86 | 0.15 | 0 | 0 | 0 | 0.70 | 0 | 0 | 0 | 0.5% | 1.5 |
| YES | 3.69 | 0.50 | 0 | 0 | 0 | 3.19 | 62 | 1478 | 11 | 4.1% | 7.4 |
| YES | 4.39 | 0.62 | 0 | 0 | 0 | 3.77 | 52 | 12751 | 45 | 0.5% | 8.0 |
| YES | 3.86 | 0.00 | 0 | 0 | 0 | 3.86 | 62 | 1620 | 8 | 0.5% | 4.1 |
| YES | 3.04 | 0.08 | 0 | 0 | 0 | 2.96 | 44 | 4771 | 60 | 0.0% | 6.2 |
| YES | 0.22 | 0.11 | 0 | 0 | 0 | 0.11 | 7 | 65 | 1 | 0.0% | 2.1 |
| YES | 2.35 | 0.10 | 0 | 0 | 0 | 2.25 | 68 | 6313 | 82 | 0.0% | 5.4 |
| YES | 1.06 | 0.12 | 0 | 0 | 0 | 0.94 | 46 | 2152 | 15 | 1.6% | 3.9 |
| YES | 1.29 | 0.04 | 0 | 0 | 0 | 1.25 | 83 | 10419 | 135 | 0.0% | 5.0 |
| YES | 1.19 | 0.48 | 0 | 0 | 0 | 0.71 | 23 | 8035 | 41 | 2.2% | 4.2 |
| YES | 1.47 | 0.02 | 0 | 0 | 0 | 1.45 | 52 | 546 | 5 | 0.0% | 5.3 |
| YES | 1.30 | 0.29 | 0 | 0 | 0 | 1.00 | 30 | 3982 | 37 | 2.1% | 4.9 |
| YES | 5.23 | 0.09 | 0 | 0 | 0 | 5.13 | 77 | 790 | 6 | 1.8% | 7.6 |
| YES | 3.47 | 0.00 | 0 | 0 | 0 | 3.47 | 39 | 1007 | 6 | 0.5% | 2.8 |
| YES | 2.06 | 0.04 | 0 | 0 | 0 | 2.02 | 33 | 1538 | 7 | 0.0% | 4.6 |
| YES | 2.06 | 0.00 | 0 | 0 | 0 | 2.06 | 38 | 426 | 3 | 1.8% | 5.5 |
| YES | 2.60 | 0.73 | 0 | 0 | 0 | 1.87 | 98 | 3364 | 18 | 0.0% | 6.4 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.40 | 0.00 | 0 | 0 | 0 | 2.40 | 102 | 1978 | 8 | 0.0% | 4.2 |
| YES | 2.15 | 0.13 | 0 | 0 | 0 | 2.02 | 38 | 800 | 3 | 1.4% | 3.7 |
| YES | 3.08 | 0.08 | 0 | 0 | 0 | 3.00 | 37 | 2092 | 8 | 3.1% | 5.3 |
| YES | 1.16 | 0.59 | 0 | 0 | 0 | 0.57 | 4 | 446 | 5 | 1.4% | 6.5 |
| YES | 4.28 | 0.00 | 0 | 0 | 0 | 4.28 | 59 | 11657 | 120 | 12.5% | 7.3 |
| YES | 2.45 | 0.04 | 0 | 0 | 0 | 2.41 | 70 | 9888 | 165 | 0.0% | 5.7 |
| YES | 2.11 | 0.05 | 0 | 0 | 0 | 2.06 | 147 | 5379 | 37 | 1.0% | 7.9 |
| YES | 1.51 | 0.03 | 0 | 0 | 0 | 1.48 | 119 | 18635 | 269 | 0.0% | 6.9 |
| YES | 1.72 | 0.11 | 0 | 0 | 0 | 1.61 | 81 | 4723 | 93 | 0.0% | 4.3 |
| YES | 3.17 | 0.00 | 0 | 0 | 0 | 3.17 | 97 | 11253 | 37 | 0.0% | 4.5 |
| YES | 1.37 | 0.04 | 0 | 0 | 0 | 1.32 | 27 | 176 | 1 | 0.0% | 2.5 |
| YES | 2.43 | 0.14 | 0 | 0 | 0 | 2.29 | 99 | 16605 | 214 | 0.0% | 5.0 |
| YES | 1.75 | 0.05 | 0 | 0 | 0 | 1.70 | 70 | 1260 | 8 | 0.0% | 4.0 |
| YES | 1.93 | 1.49 | 0 | 0 | 0 | 0.44 | 0 | 0 | 0 | 0.0% | 5.4 |
| YES | 2.03 | 0.14 | 0 | 0 | 0 | 1.88 | 25 | 1521 | 33 | 0.0% | 4.8 |
| YES | 1.56 | 0.08 | 0 | 0 | 0 | 1.47 | 0 | 0 | 0 | 6.5% | 6.6 |
| YES | 2.35 | 0.13 | 0 | 0 | 0 | 2.23 | 69 | 1269 | 12 | 0.0% | 6.1 |
| YES | 1.74 | 0.70 | 0 | 0 | 0 | 1.04 | 7 | 0 | 0 | 0.0% | 4.0 |
| YES | 3.42 | 1.14 | 0 | 0 | 0 | 2.28 | 0 | 0 | 0 | 0.0% | 3.5 |
| YES | 2.22 | 0.00 | 0 | 0 | 0 | 2.22 | 0 | 0 | 0 | 19.9% | 11.0 |
| YES | 1.38 | 0.00 | 0 | 0 | 0 | 1.38 | 128 | 24365 | 183 | 0.5% | 4.9 |
| YES | 1.98 | 0.00 | 0 | 0 | 0 | 1.98 | 35 | 665 | 8 | 0.5% | 5.5 |
| YES | 2.21 | 0.00 | 0 | 0 | 0 | 2.21 | 106 | 19281 | 133 | 0.5% | 3.2 |
| YES | 1.77 | 0.00 | 0 | 0 | 0 | 1.77 | 65 | 262 | 4 | 0.5% | 2.4 |
| YES | 3.09 | 0.00 | 0 | 0 | 0 | 3.09 | 94 | 3681 | 39 | 0.5% | 7.0 |
| YES | 1.98 | 0.00 | 0 | 0 | 0 | 1.98 | 135 | 5095 | 58 | 0.5% | 7.6 |
| YES | 0.65 | 0.00 | 0 | 0 | 0 | 0.65 | 180 | 6764 | 62 | 0.5% | 5.3 |
| YES | 0.59 | 0.07 | 0 | 0 | 0 | 0.52 | 10 | 86 | 1 | 0.5% | 1.8 |
| YES | 1.56 | 0.29 | 0 | 0 | 0 | 1.27 | 60 | 1846 | 16 | 0.5% | 4.4 |
| YES | 1.29 | 0.03 | 0 | 0 | 0 | 1.26 | 125 | 1033 | 7 | 0.5% | 4.9 |
| YES | 2.66 | 0.13 | 0 | 0 | 0 | 2.53 | 53 | 1454 | 55 | 0.5% | 5.1 |
| YES | 3.67 | 0.69 | 0 | 0 | 0 | 2.99 | 32 | 2980 | 22 | 0.5% | 5.3 |
| YES | 2.36 | 0.06 | 0 | 0 | 0 | 2.31 | 11 | 1613 | 14 | 0.5% | 8.9 |
| YES | 0.67 | 0.32 | 0 | 0 | 0 | 0.35 | 39 | 2319 | 78 | 0.5% | 5.8 |
| YES | 2.06 | 0.19 | 0 | 0 | 0 | 1.86 | 50 | 3338 | 108 | 0.5% | 5.8 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.60 | 0.00 | 0 | 0 | 0 | 1.60 | 12 | 178 | 1 | 0.5% | 4.6 |
| YES | 3.22 | 0.19 | 0 | 0 | 0 | 3.03 | 71 | 8867 | 83 | 0.5% | 5.8 |
| YES | 1.08 | 0.06 | 0 | 0 | 0 | 1.02 | 11 | 543 | 3 | 0.5% | 5.7 |
| YES | 2.49 | 0.26 | 0 | 0 | 0 | 2.22 | 92 | 4623 | 102 | 0.5% | 6.2 |
| YES | 2.22 | 0.16 | 0 | 0 | 0 | 2.06 | 107 | 3731 | 46 | 0.5% | 7.0 |
| YES | 0.45 | 0.19 | 0 | 0 | 0 | 0.25 | 55 | 6683 | 100 | 0.5% | 4.8 |
| YES | 0.52 | 0.00 | 0 | 0 | 0 | 0.52 | 29 | 1305 | 15 | 0.5% | 5.3 |
| YES | 2.41 | 0.12 | 0 | 0 | 0 | 2.29 | 11 | 1568 | 23 | 1.4% | 3.7 |
| YES | 1.23 | 0.37 | 0 | 0 | 0 | 0.85 | 0 | 0 | 0 | 2.6% | 4.2 |
| YES | 3.42 | 0.37 | 0 | 0 | 0 | 3.05 | 28 | 60 | 0 | 1.4% | 5.8 |
| YES | 2.64 | 0.24 | 0 | 0 | 0 | 2.40 | 31 | 4078 | 50 | 1.4% | 7.9 |
| YES | 1.15 | 0.04 | 0 | 0 | 0 | 1.11 | 20 | 101 | 1 | 0.0% | 2.4 |
| YES | 0.33 | 0.00 | 0 | 0 | 0 | 0.33 | 47 | 633 | 3 | 0.0% | 5.2 |
| YES | 2.64 | 0.37 | 0 | 0 | 0 | 2.28 | 41 | 2899 | 84 | 0.0% | 5.2 |
| YES | 2.58 | 0.24 | 0 | 0 | 0 | 2.34 | 67 | 544 | 4 | 0.0% | 5.1 |
| YES | 1.39 | 0.19 | 0 | 0 | 0 | 1.21 | 95 | 12745 | 200 | 0.0% | 3.0 |
| YES | 1.61 | 0.21 | 0 | 0 | 0 | 1.39 | 73 | 2884 | 20 | 0.0% | 4.0 |
| YES | 3.50 | 0.89 | 0 | 0 | 0 | 2.62 | 74 | 16521 | 184 | 5.3% | 6.6 |
| YES | 3.35 | 0.08 | 0 | 0 | 0 | 3.27 | 76 | 14644 | 104 | 0.0% | 7.5 |
| YES | 5.88 | 1.18 | 0 | 0 | 0 | 4.70 | 0 | 0 | 0 | 0.0% | 5.7 |
| YES | 4.46 | 0.07 | 0 | 0 | 0 | 4.39 | 101 | 5387 | 27 | 1.8% | 6.3 |
| YES | 6.45 | 0.07 | 0 | 0 | 0 | 6.38 | 0 | 0 | 0 | 0.0% | 7.5 |
| YES | 2.36 | 0.22 | 0 | 0 | 0 | 2.14 | 57 | 3484 | 57 | 0.0% | 6.4 |
| YES | 1.19 | 0.00 | 0 | 0 | 0 | 1.19 | 87 | 1186 | 16 | 0.0% | 3.7 |
| YES | 2.58 | 0.13 | 0 | 0 | 0 | 2.46 | 135 | 1853 | 9 | 0.0% | 1.9 |
| YES | 2.11 | 0.16 | 0 | 0 | 0 | 1.95 | 94 | 1120 | 12 | 0.0% | 3.5 |
| YES | 2.15 | 0.00 | 0 | 0 | 0 | 2.15 | 49 | 864 | 4 | 0.0% | 4.7 |
| YES | 1.67 | 0.00 | 0 | 0 | 0 | 1.67 | 59 | 4126 | 69 | 5.1% | 6.2 |
| YES | 1.25 | 0.09 | 0 | 0 | 0 | 1.16 | 194 | 9112 | 213 | 0.0% | 5.5 |
| YES | 3.16 | 0.00 | 0 | 0 | 0 | 3.16 | 77 | 4493 | 37 | 14.9% | 7.7 |
| YES | 0.96 | 0.22 | 0 | 0 | 0 | 0.74 | 172 | 11773 | 48 | 0.5% | 4.9 |
| YES | 1.75 | 0.08 | 0 | 0 | 0 | 1.67 | 0 | 0 | 0 | 0.5% | 6.0 |
| YES | 1.02 | 0.08 | 0 | 0 | 0 | 0.94 | 12 | 3071 | 24 | 0.5% | 4.9 |
| YES | 4.02 | 0.21 | 0 | 0 | 0 | 3.81 | 95 | 899 | 11 | 20.2% | 9.2 |
| YES | 1.05 | 0.06 | 0 | 0 | 0 | 0.98 | 17 | 870 | 11 | 0.5% | 2.2 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.85 | 1.16 | 0 | 0 | 0 | 0.69 | 58 | 3249 | 67 | -61.0% | 3.2 |
| YES | 3.34 | 0.59 | 0 | 0 | 0 | 2.75 | 64 | 1505 | 11 | 0.5% | 5.3 |
| YES | 5.59 | 2.47 | 0 | 0 | 0 | 3.12 | 34 | 3555 | 86 | 0.5% | 4.1 |
| YES | 7.00 | 1.09 | 0 | 0 | 0 | 5.91 | 75 | 1849 | 99 | 3.8% | 5.4 |
| YES | 1.85 | 0.08 | 0 | 0 | 0 | 1.77 | 0 | 0 | 0 | 0.0% | 5.0 |
| YES | 2.91 | 0.74 | 0 | 0 | 0 | 2.17 | 14 | 180 | 10 | 0.0% | 5.7 |
| YES | 3.16 | 0.26 | 0 | 0 | 0 | 2.90 | 36 | 2340 | 54 | 0.0% | 6.9 |
| YES | 1.43 | 0.09 | 0 | 0 | 0 | 1.34 | 22 | 444 | 23 | 37.4% | 7.8 |
| YES | 2.08 | 0.00 | 0 | 0 | 0 | 2.08 | 70 | 17875 | 303 | 0.0% | 4.5 |
| YES | 4.04 | 0.02 | 0 | 0 | 0 | 4.02 | 47 | 3623 | 130 | -42.6% | 3.5 |
| YES | 3.38 | 0.86 | 0 | 0 | 0 | 2.52 | 73 | 1098 | 7 | 0.0% | 5.9 |
| YES | 4.77 | 0.15 | 0 | 0 | 0 | 4.62 | 32 | 77 | 1 | 8.8% | 3.7 |
| YES | 2.56 | 0.00 | 0 | 0 | 0 | 2.56 | 56 | 12984 | 91 | 1.4% | 5.3 |
| YES | 3.43 | 0.03 | 0 | 0 | 0 | 3.40 | 39 | 37730 | 168 | 1.4% | 5.9 |
| YES | 2.00 | 0.13 | 0 | 0 | 0 | 1.87 | 6 | 368 | 2 | 1.4% | 4.4 |
| YES | 3.55 | 0.07 | 0 | 0 | 0 | 3.48 | 63 | 6965 | 47 | 1.4% | 5.0 |
| YES | 0.57 | 0.00 | 0 | 0 | 0 | 0.57 | 0 | 0 | 0 | 1.4% | 2.7 |
| YES | 1.43 | 0.00 | 0 | 0 | 0 | 1.43 | 97 | 2568 | 21 | 1.4% | 4.0 |
| YES | 1.14 | 0.07 | 0 | 0 | 0 | 1.07 | 50 | 2599 | 13 | 1.4% | 1.5 |
| YES | 1.49 | 0.08 | 0 | 0 | 0 | 1.41 | 26 | 2749 | 34 | 0.5% | 2.8 |
| YES | 1.35 | 0.16 | 0 | 0 | 0 | 1.19 | 73 | 399 | 4 | 0.5% | 5.9 |
| YES | 1.26 | 0.03 | 0 | 0 | 0 | 1.23 | 82 | 30850 | 219 | 0.5% | 4.8 |
| YES | 1.72 | 0.04 | 0 | 0 | 0 | 1.68 | 39 | 5202 | 24 | 0.5% | 8.1 |
| YES | 0.11 | 0.08 | 0 | 0 | 0 | 0.03 | 45 | 428 | 2 | 4.9% | 2.8 |
| YES | 1.34 | 0.38 | 0 | 0 | 0 | 0.96 | 37 | 325 | 3 | 0.5% | 5.7 |
| YES | 1.05 | 0.28 | 0 | 0 | 0 | 0.77 | 140 | 1341 | 6 | 0.5% | 4.9 |
| YES | 1.42 | 0.39 | 0 | 0 | 0 | 1.03 | 26 | 2556 | 20 | 0.5% | 9.0 |
| YES | 8.51 | 0.31 | 0 | 0 | 0 | 8.19 | 13 | 524 | 4 | 0.0% | 1.5 |
| YES | 5.56 | 0.02 | 0 | 0 | 0 | 5.55 | 37 | 3877 | 15 | 0.0% | 3.0 |
| YES | 4.19 | 0.00 | 0 | 0 | 0 | 4.19 | 43 | 11349 | 100 | 0.0% | 2.1 |
| YES | 3.67 | 0.33 | 0 | 0 | 0 | 3.34 | 51 | 3909 | 54 | 0.5% | 6.5 |
| YES | 3.57 | 0.05 | 0 | 0 | 0 | 3.51 | 4 | 376 | 3 | 0.5% | 5.5 |
| YES | 2.91 | 0.14 | 0 | 0 | 0 | 2.77 | 89 | 1650 | 22 | 0.5% | 5.8 |
| YES | 2.35 | 0.04 | 0 | 0 | 0 | 2.31 | 49 | 3307 | 60 | 0.5% | 6.9 |
| YES | 1.36 | 0.00 | 0 | 0 | 0 | 1.36 | 83 | 1494 | 8 | 0.5% | 7.7 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 3.18 | 1.12 | 0 | 0 | 0 | 2.06 | 61 | 2768 | 48 | 0.5% | 7.0 |
| YES | 2.16 | 0.07 | 0 | 0 | 0 | 2.09 | 29 | 3173 | 35 | 0.5% | 4.7 |
| YES | 1.21 | 0.34 | 0 | 0 | 0 | 0.87 | 25 | 882 | 7 | 0.5% | 3.7 |
| YES | 2.09 | 0.06 | 0 | 0 | 0 | 2.03 | 106 | 7576 | 28 | 0.0% | 4.6 |
| YES | 3.31 | 0.09 | 0 | 0 | 0 | 3.21 | 74 | 4780 | 85 | 0.0% | 5.4 |
| YES | 1.19 | 0.43 | 0 | 0 | 0 | 0.76 | 23 | 3321 | 71 | 0.0% | 4.9 |
| YES | 0.28 | 0.05 | 0 | 0 | 0 | 0.23 | 22 | 211 | 2 | 0.5% | 2.5 |
| YES | 1.51 | 0.00 | 0 | 0 | 0 | 1.51 | 133 | 11969 | 141 | 0.5% | 7.3 |
| YES | 1.49 | 0.06 | 0 | 0 | 0 | 1.43 | 99 | 16188 | 94 | 0.5% | 6.9 |
| YES | 1.63 | 0.36 | 0 | 0 | 0 | 1.27 | 10 | 451 | 4 | 0.5% | 5.3 |
| YES | 0.31 | 0.21 | 0 | 0 | 0 | 0.10 | 21 | 823 | 2 | 0.5% | 3.4 |
| YES | 4.17 | 0.15 | 0 | 0 | 0 | 4.03 | 106 | 2360 | 165 | 0.5% | 8.7 |
| YES | 1.47 | 0.00 | 0 | 0 | 0 | 1.47 | 148 | 17649 | 178 | 0.5% | 7.1 |
| YES | 3.44 | 1.72 | 0 | 0 | 0 | 1.72 | 2 | 93 | 1 | 2.4% | 8.9 |
| YES | 5.31 | 2.64 | 0 | 0 | 0 | 2.66 | 4 | 0 | 0 | 15.5% | 8.2 |
| YES | 4.03 | 0.15 | 0 | 0 | 0 | 3.88 | 51 | 1157 | 9 | 1.4% | 7.0 |
| YES | 1.49 | 0.02 | 0 | 0 | 0 | 1.47 | 11 | 921 | 9 | 1.4% | 1.7 |
| YES | 3.53 | 0.55 | 0 | 0 | 0 | 2.98 | 2 | 23 | 0 | 8.6% | 3.1 |
| YES | 2.78 | 0.36 | 0 | 0 | 0 | 2.42 | 3 | 200 | 1 | 19.2% | 6.4 |
| YES | 3.36 | 0.23 | 0 | 0 | 0 | 3.13 | 64 | 9906 | 196 | 5.1% | 8.2 |
| YES | 3.74 | 0.38 | 0 | 0 | 0 | 3.36 | 76 | 16042 | 235 | 9.7% | 8.7 |
| YES | 1.65 | 0.20 | 0 | 0 | 0 | 1.46 | 66 | 4071 | 36 | 0.0% | 3.7 |
| YES | 2.89 | 0.38 | 0 | 0 | 0 | 2.51 | 22 | 1884 | 43 | 7.3% | 5.9 |
| YES | 1.34 | 0.56 | 0 | 0 | 0 | 0.78 | 39 | 42 | 0 | 12.0% | 4.7 |
| YES | 1.81 | 0.19 | 0 | 0 | 0 | 1.62 | 44 | 12775 | 161 | 0.0% | 6.1 |
| YES | 1.35 | 0.22 | 0 | 0 | 0 | 1.14 | 33 | 567 | 7 | 4.2% | 3.2 |
| YES | 1.98 | 0.40 | 0 | 0 | 0 | 1.58 | 0 | 0 | 0 | 0.0% | 2.2 |
| YES | 1.27 | 0.06 | 0 | 0 | 0 | 1.21 | 44 | 432 | 3 | 0.0% | 3.7 |
| YES | 2.26 | 0.00 | 0 | 0 | 0 | 2.26 | 129 | 1987 | 6 | 0.0% | 2.7 |
| YES | 2.29 | 0.07 | 0 | 0 | 0 | 2.22 | 70 | 6778 | 32 | 0.0% | 4.9 |
| YES | 2.67 | 0.00 | 0 | 0 | 0 | 2.67 | 65 | 2371 | 78 | 0.0% | 5.7 |
| YES | 1.86 | 0.01 | 0 | 0 | 0 | 1.85 | 17 | 154 | 1 | 0.5% | 8.2 |
| YES | 4.30 | 0.43 | 0 | 0 | 0 | 3.86 | 128 | 5872 | 66 | 0.5% | 6.8 |
| YES | 3.15 | 0.30 | 0 | 0 | 0 | 2.85 | 51 | 1303 | 9 | 0.5% | 6.9 |
| YES | 4.19 | 0.40 | 0 | 0 | 0 | 3.79 | 10 | 883 | 10 | 0.5% | 7.8 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 4.89 | 1.81 | 0 | 0 | 0 | 3.08 | 1 | 8 | 0 | 0.5% | 4.1 |
| YES | 1.35 | 0.12 | 0 | 0 | 0 | 1.23 | 11 | 143 | 1 | 0.5% | 2.9 |
| YES | 2.09 | 1.43 | 0 | 0 | 0 | 0.65 | 0 | 0 | 0 | 0.5% | 5.9 |
| YES | 2.92 | 0.34 | 0 | 0 | 0 | 2.57 | 33 | 4389 | 48 | 5.1% | 4.9 |
| YES | 0.34 | 0.10 | 0 | 0 | 0 | 0.25 | 75 | 5122 | 98 | 7.1% | 4.1 |
| YES | 0.65 | 0.05 | 0 | 0 | 0 | 0.60 | 0 | 0 | 0 | 0.5% | 4.4 |
| YES | 2.29 | 0.72 | 0 | 0 | 0 | 1.58 | 35 | 36 | 0 | 0.5% | 5.1 |
| YES | 2.58 | 0.24 | 0 | 0 | 0 | 2.34 | 98 | 24557 | 211 | 0.0% | 4.3 |
| YES | 1.10 | 0.37 | 0 | 0 | 0 | 0.73 | 47 | 2106 | 12 | 0.0% | 3.0 |
| YES | 0.94 | 0.15 | 0 | 0 | 0 | 0.79 | 100 | 4125 | 29 | 0.5% | 6.9 |
| YES | 0.72 | 0.17 | 0 | 0 | 0 | 0.55 | 46 | 5937 | 65 | 0.5% | 6.4 |
| YES | 1.21 | 0.25 | 0 | 0 | 0 | 0.95 | 38 | 2984 | 27 | 0.5% | 3.8 |
| YES | 2.46 | 0.40 | 0 | 0 | 0 | 2.05 | 66 | 2696 | 13 | 0.5% | 5.1 |
| YES | 2.23 | 0.30 | 0 | 0 | 0 | 1.93 | 0 | 0 | 0 | 2.4% | 7.0 |
| YES | 3.83 | 0.75 | 0 | 0 | 0 | 3.09 | 95 | 36989 | 207 | 1.4% | 7.9 |
| YES | 3.44 | 0.56 | 0 | 0 | 0 | 2.88 | 48 | 587 | 51 | 11.3% | 4.5 |
| YES | 2.66 | 0.54 | 0 | 0 | 0 | 2.11 | 72 | 2446 | 28 | 0.5% | 4.4 |
| YES | 1.54 | 0.13 | 0 | 0 | 0 | 1.41 | 61 | 5093 | 34 | 0.5% | 4.6 |
| YES | 2.53 | 0.00 | 0 | 0 | 0 | 2.53 | 150 | 11004 | 106 | 0.5% | 6.2 |
| YES | 1.50 | 0.08 | 0 | 0 | 0 | 1.42 | 7 | 670 | 9 | 0.5% | 3.1 |
| YES | 1.58 | 0.16 | 0 | 0 | 0 | 1.43 | 12 | 1041 | 3 | 0.0% | 4.1 |
| YES | 2.33 | 0.37 | 0 | 0 | 0 | 1.96 | 31 | 573 | 5 | 0.0% | 6.0 |
| YES | 2.80 | 0.00 | 0 | 0 | 0 | 2.80 | 15 | 133 | 15 | 0.0% | 4.9 |
| YES | 3.03 | 0.75 | 0 | 0 | 0 | 2.28 | 78 | 6510 | 167 | 1.0% | 8.0 |
| YES | 0.62 | 0.06 | 0 | 0 | 0 | 0.56 | 26 | 3831 | 31 | 1.4% | 3.6 |
| YES | 3.98 | 0.13 | 0 | 0 | 0 | 3.85 | 47 | 5641 | 133 | 1.4% | 9.8 |
| YES | 2.90 | 0.03 | 0 | 0 | 0 | 2.87 | 64 | 9162 | 66 | 1.4% | 5.6 |
| YES | 3.48 | 0.14 | 0 | 0 | 0 | 3.34 | 60 | 453 | 2 | 1.4% | 7.0 |
| YES | 2.33 | 0.10 | 0 | 0 | 0 | 2.23 | 74 | 11978 | 217 | 1.4% | 5.6 |
| YES | 2.56 | 0.21 | 0 | 0 | 0 | 2.36 | 23 | 1133 | 26 | 1.4% | 5.0 |
| YES | 3.50 | 0.20 | 0 | 0 | 0 | 3.30 | 27 | 254 | 2 | 1.4% | 5.9 |
| YES | 1.49 | 0.05 | 0 | 0 | 0 | 1.44 | 5 | 4 | 0 | 0.5% | 0.8 |
| YES | 8.29 | 3.13 | 0 | 0 | 0 | 5.16 | 1 | 43 | 1 | 5.5% | 8.4 |
| YES | 10.26 | 3.15 | 0 | 0 | 0 | 7.11 | 36 | 20150 | 291 | -35.7% | 6.6 |
| YES | 3.12 | 2.22 | 0 | 0 | 0 | 0.90 | 0 | 0 | 0 | 661.6% | 5.2 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 3.05 | 0.31 | 0 | 0 | 0 | 2.74 | 1 | 59 | 1 | 53.5% | 1.7 |
| YES | 1.93 | 0.00 | 0 | 0 | 0 | 1.93 | 37 | 5740 | 46 | 0.0% | 6.3 |
| YES | 3.59 | 0.10 | 0 | 0 | 0 | 3.49 | 19 | 928 | 20 | 5.4% | 3.6 |
| YES | 2.24 | 0.00 | 0 | 0 | 0 | 2.24 | 85 | 11400 | 93 | 0.0% | 5.2 |
| YES | 0.46 | 0.05 | 0 | 0 | 0 | 0.42 | 0 | 0 | 0 | 0.0% | 7.9 |
| YES | 12.58 | 0.28 | 0 | 0 | 0 | 12.30 | 138 | 40432 | 394 | 3.6% | 5.1 |
| YES | 2.01 | 0.28 | 0 | 0 | 0 | 1.73 | 36 | 10816 | 129 | 0.5% | 2.9 |
| YES | 0.29 | 0.29 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 5.4 |
| YES | 0.77 | 0.77 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 5.3 |
| YES | 1.07 | 1.07 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.1 |
| YES | 0.76 | 0.76 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 3.3 |
| YES | 0.15 | 0.15 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.8 |
| YES | 1.17 | 1.17 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 3.7% | 6.7 |
| YES | 0.53 | 0.53 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 3.4 |
| YES | 1.37 | 0.06 | 0 | 0 | 0 | 1.31 | 1 | 5 | 0 | 0.5% | 2.8 |
| YES | 2.00 | 2.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 2.9 |
| YES | 1.72 | 1.72 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.2 |
| YES | 3.21 | 0.07 | 0 | 0 | 0 | 3.13 | 85 | 593 | 6 | 79.4% | 5.7 |
| YES | 3.43 | 0.35 | 0 | 0 | 0 | 3.08 | 19 | 9 | 0 | 0.5% | 3.8 |
| YES | 0.87 | 0.70 | 0 | 0 | 0 | 0.18 | 0 | 0 | 0 | 0.5% | 6.3 |
| YES | 1.48 | 0.97 | 0 | 0 | 0 | 0.51 | 0 | 0 | 0 | 0.5% | 8.3 |
| YES | 6.26 | 0.30 | 0 | 0 | 0 | 5.97 | 14 | 3418 | 68 | -49.5% | 4.1 |
| YES | 1.29 | 0.51 | 0 | 0 | 0 | 0.78 | 59 | 6 | 0 | -37.1% | 4.2 |
| YES | 1.11 | 0.00 | 0 | 0 | 0 | 1.11 | 0 | 0 | 0 | 0.5% | 4.9 |
| YES | 2.96 | 0.17 | 0 | 0 | 0 | 2.79 | 16 | 2294 | 22 | 0.5% | 3.4 |
| YES | 3.00 | 0.14 | 0 | 0 | 0 | 2.86 | 59 | 3312 | 66 | 0.5% | 3.4 |
| YES | 1.37 | 0.00 | 0 | 0 | 0 | 1.37 | 23 | 159 | 2 | 0.5% | 5.2 |
| YES | 2.35 | 0.00 | 0 | 0 | 0 | 2.35 | 61 | 20 | 0 | 0.5% | 3.0 |
| YES | 3.49 | 0.07 | 0 | 0 | 0 | 3.42 | 124 | 18973 | 275 | 0.5% | 4.3 |
| YES | 3.73 | 0.27 | 0 | 0 | 0 | 3.46 | 83 | 1449 | 16 | 26.3% | 9.9 |
| YES | 3.74 | 0.62 | 0 | 0 | 0 | 3.12 | 34 | 763 | 1 | 0.5% | 4.9 |
| YES | 4.37 | 0.20 | 0 | 0 | 0 | 4.17 | 68 | 1905 | 8 | 7.7% | 6.0 |
| YES | 3.81 | 0.12 | 0 | 0 | 0 | 3.69 | 121 | 656 | 5 | 0.5% | 5.0 |
| YES | 24.02 | 0.00 | 0 | 0 | 0 | 24.02 | 25 | 5752 | 79 | 0.5% | 7.1 |
| YES | 8.75 | 3.32 | 0 | 0 | 0 | 5.43 | 79 | 10762 | 70 | 8.2% | 5.6 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.92 | 1.44 | 0 | 0 | 0 | 1.48 | 3 | 370 | 6 | 0.5% | 6.1 |
| YES | 5.37 | 0.09 | 0 | 0 | 0 | 5.28 | 137 | 11939 | 86 | 0.5% | 8.0 |
| YES | 3.50 | 1.52 | 0 | 0 | 0 | 1.97 | 3 | 304 | 7 | 15.7% | 4.6 |
| YES | 5.22 | 0.09 | 0 | 0 | 0 | 5.13 | 40 | 1177 | 5 | 32.4% | 3.1 |
| YES | 3.23 | 0.05 | 0 | 0 | 0 | 3.18 | 82 | 3096 | 27 | 0.5% | 6.1 |
| YES | 1.83 | 0.04 | 0 | 0 | 0 | 1.79 | 4 | 561 | 8 | 0.5% | 3.4 |
| YES | 1.36 | 0.05 | 0 | 0 | 0 | 1.30 | 11 | 1093 | 14 | 0.5% | 3.0 |
| YES | 2.98 | 0.06 | 0 | 0 | 0 | 2.92 | 58 | 1003 | 10 | 0.5% | 4.2 |
| YES | 2.59 | 0.04 | 0 | 0 | 0 | 2.55 | 16 | 92 | 1 | 0.5% | 7.4 |
| YES | 1.75 | 0.22 | 0 | 0 | 0 | 1.53 | 31 | 1022 | 31 | 0.5% | 5.4 |
| YES | 1.42 | 0.32 | 0 | 0 | 0 | 1.10 | 21 | 4 | 0 | 0.5% | 3.9 |
| YES | 0.38 | 0.38 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 1.7 |
| YES | 3.53 | 2.52 | 0 | 0 | 0 | 1.01 | 5 | 252 | 5 | 0.5% | 4.7 |
| YES | 1.83 | 1.83 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 4.1 |
| YES | 2.72 | 2.72 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.7 |
| YES | 2.26 | 2.26 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 7.7 |
| YES | 1.88 | 1.88 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.2 |
| YES | 2.68 | 2.31 | 0 | 0 | 0 | 0.38 | 1 | 22 | 0 | 0.5% | 3.6 |
| YES | 1.91 | 0.83 | 0 | 0 | 0 | 1.08 | 7 | 248 | 3 | 0.5% | 1.9 |
| YES | 4.03 | 0.10 | 0 | 0 | 0 | 3.94 | 48 | 284 | 5 | 1.4% | 5.1 |
| YES | 1.65 | 0.11 | 0 | 0 | 0 | 1.54 | 0 | 0 | 0 | 26.5% | 5.0 |
| YES | 5.63 | 0.00 | 0 | 0 | 0 | 5.63 | 16 | 1143 | 13 | 1.4% | 6.6 |
| YES | 1.25 | 0.00 | 0 | 0 | 0 | 1.25 | 0 | 0 | 0 | 453.8% | 9.1 |
| YES | 1.42 | 0.07 | 0 | 0 | 0 | 1.35 | 14 | 1548 | 18 | 0.0% | 3.2 |
| YES | 2.85 | 0.06 | 0 | 0 | 0 | 2.80 | 22 | 5456 | 87 | 2.0% | 4.6 |
| YES | 4.82 | 0.20 | 0 | 0 | 0 | 4.62 | 136 | 16898 | 211 | 0.0% | 6.1 |
| YES | 3.90 | 0.11 | 0 | 0 | 0 | 3.79 | 89 | 21063 | 303 | 29.7% | 4.7 |
| YES | 1.86 | 0.06 | 0 | 0 | 0 | 1.80 | 69 | 4153 | 13 | 0.5% | 4.8 |
| YES | 2.17 | 0.19 | 0 | 0 | 0 | 1.99 | 24 | 1069 | 23 | 0.5% | 4.3 |
| YES | 2.20 | 0.13 | 0 | 0 | 0 | 2.07 | 45 | 1330 | 11 | 0.5% | 5.0 |
| YES | 0.92 | 0.20 | 0 | 0 | 0 | 0.72 | 0 | 0 | 0 | 0.5% | 4.3 |
| YES | 1.56 | 0.18 | 0 | 0 | 0 | 1.38 | 1 | 5 | 0 | 0.5% | 5.0 |
| YES | 2.72 | 0.17 | 0 | 0 | 0 | 2.55 | 82 | 383 | 2 | 0.5% | 6.3 |
| YES | 3.36 | 0.14 | 0 | 0 | 0 | 3.23 | 6 | 406 | 7 | 0.5% | 4.8 |
| YES | 1.45 | 1.04 | 0 | 0 | 0 | 0.41 | 3 | 260 | 2 | 0.5% | 7.6 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 8.41 | 2.90 | 0 | 0 | 0 | 5.51 | 1 | 15 | 0 | 101.6% | 6.0 |
| YES | 6.66 | 0.39 | 0 | 0 | 0 | 6.27 | 59 | 1484 | 8 | 1.7% | 8.7 |
| YES | 4.93 | 0.12 | 0 | 0 | 0 | 4.81 | 11 | 859 | 8 | 0.5% | 5.5 |
| YES | 2.34 | 0.70 | 0 | 0 | 0 | 1.64 | 6 | 0 | 0 | 0.5% | 6.5 |
| YES | 4.31 | 0.97 | 0 | 0 | 0 | 3.34 | 6 | 20 | 0 | 17.3% | 5.3 |
| YES | 2.73 | 0.32 | 0 | 0 | 0 | 2.41 | 195 | 11251 | 255 | 9.8% | 6.7 |
| YES | 1.22 | 0.60 | 0 | 0 | 0 | 0.62 | 6 | 570 | 11 | 0.0% | 2.7 |
| YES | 0.70 | 0.39 | 0 | 0 | 0 | 0.31 | 4 | 0 | 0 | 0.0% | 5.2 |
| YES | 1.39 | 0.30 | 0 | 0 | 0 | 1.08 | 25 | 3213 | 38 | 0.0% | 5.5 |
| YES | 1.87 | 0.86 | 0 | 0 | 0 | 1.01 | 24 | 3168 | 44 | 0.0% | 5.7 |
| YES | 1.47 | 1.47 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 1.4 |
| YES | 2.18 | 0.07 | 0 | 0 | 0 | 2.11 | 31 | 732 | 4 | 0.0% | 6.9 |
| YES | 1.03 | 0.75 | 0 | 0 | 0 | 0.28 | 0 | 0 | 0 | 0.0% | 7.0 |
| YES | 2.23 | 0.41 | 0 | 0 | 0 | 1.82 | 98 | 5497 | 214 | 0.5% | 7.0 |
| YES | 3.51 | 1.44 | 0 | 0 | 0 | 2.06 | 19 | 1188 | 11 | 0.5% | 5.7 |
| YES | 1.59 | 0.77 | 0 | 0 | 0 | 0.82 | 0 | 0 | 0 | 0.5% | 0.1 |
| YES | 1.18 | 0.53 | 0 | 0 | 0 | 0.66 | 0 | 0 | 0 | 0.0% | 6.4 |
| YES | 1.39 | 0.21 | 0 | 0 | 0 | 1.18 | 9 | 88 | 0 | 33.5% | 5.0 |
| YES | 1.54 | 0.09 | 0 | 0 | 0 | 1.46 | 3 | 92 | 0 | 0.0% | 3.7 |
| YES | 5.26 | 1.67 | 0 | 0 | 0 | 3.59 | 27 | 544 | 3 | 0.0% | 5.4 |
| YES | 1.29 | 0.90 | 0 | 0 | 0 | 0.39 | 0 | 0 | 0 | 0.0% | 5.6 |
| YES | 1.59 | 0.12 | 0 | 0 | 0 | 1.47 | 6 | 108 | 1 | 0.0% | 6.6 |
| YES | 0.21 | 0.21 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 4.4 |
| YES | 0.32 | 0.32 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 5.3 |
| YES | 4.65 | 0.18 | 0 | 0 | 0 | 4.47 | 99 | 3791 | 36 | 29.8% | 8.9 |
| YES | 4.15 | 0.39 | 0 | 0 | 0 | 3.77 | 33 | 1261 | 34 | 3.7% | 6.5 |
| YES | 1.33 | 0.11 | 0 | 0 | 0 | 1.22 | 10 | 103 | 1 | 0.5% | 5.8 |
| YES | 4.08 | 0.84 | 0 | 0 | 0 | 3.24 | 76 | 5029 | 92 | 0.5% | 4.9 |
| YES | 0.80 | 0.80 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 2.1 |
| YES | 0.84 | 0.84 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 1.6 |
| YES | 3.08 | 0.84 | 0 | 0 | 0 | 2.24 | 41 | 12388 | 186 | 0.5% | 6.0 |
| YES | 0.00 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 0.0 |
| YES | 1.15 | 0.58 | 0 | 0 | 0 | 0.57 | 202 | 58542 | 457 | 0.5% | 5.1 |
| YES | 0.99 | 0.99 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 4.6 |
| YES | 0.85 | 0.85 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 4.7 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 0.00 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 0.0 |
| YES | 0.74 | 0.74 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.1 |
| YES | 0.00 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 4.88 | 0.85 | 0 | 0 | 0 | 4.03 | 52 | 1207 | 6 | 1.7% | 4.7 |
| YES | 6.29 | 0.04 | 0 | 0 | 0 | 6.26 | 135 | 26735 | 390 | 0.0% | 4.6 |
| YES | 6.50 | 0.30 | 0 | 0 | 0 | 6.20 | 166 | 26707 | 343 | 0.0% | 5.7 |
| YES | 9.97 | 1.45 | 0 | 0 | 0 | 8.52 | 94 | 4752 | 37 | 2.9% | 6.8 |
| YES | 1.95 | 1.00 | 0 | 0 | 0 | 0.94 | 14 | 307 | 2 | 0.0% | 3.9 |
| YES | 1.65 | 1.31 | 0 | 0 | 0 | 0.34 | 6 | 1 | 0 | 460.5% | 0.6 |
| YES | 0.67 | 0.23 | 0 | 0 | 0 | 0.43 | 0 | 0 | 0 | 106.5% | 1.9 |
| YES | 1.59 | 0.25 | 0 | 0 | 0 | 1.34 | 17 | 2344 | 54 | 0.0% | 3.5 |
| YES | 3.07 | 0.67 | 0 | 0 | 0 | 2.41 | 2 | 374 | 1 | 0.5% | 1.5 |
| YES | 4.45 | 0.25 | 0 | 0 | 0 | 4.20 | 0 | 0 | 0 | 0.5% | 4.1 |
| YES | 4.62 | 0.05 | 0 | 0 | 0 | 4.56 | 28 | 2389 | 41 | 0.0% | 6.7 |
| YES | 2.71 | 0.04 | 0 | 0 | 0 | 2.67 | 34 | 6273 | 49 | 0.0% | 5.0 |
| YES | 3.16 | 0.25 | 0 | 0 | 0 | 2.90 | 105 | 10535 | 120 | 0.0% | 4.8 |
| YES | 1.44 | 0.13 | 0 | 0 | 0 | 1.31 | 175 | 6468 | 67 | 0.0% | 5.4 |
| YES | 1.60 | 0.14 | 0 | 0 | 0 | 1.46 | 108 | 8663 | 129 | 0.0% | 6.5 |
| YES | 2.18 | 0.10 | 0 | 0 | 0 | 2.08 | 114 | 1376 | 4 | 0.0% | 6.2 |
| YES | 7.91 | 0.12 | 0 | 0 | 0 | 7.78 | 56 | 27250 | 245 | 9.7% | 6.4 |
| YES | 2.67 | 0.18 | 0 | 0 | 0 | 2.49 | 49 | 9884 | 128 | 25.8% | 5.4 |
| YES | 0.99 | 0.14 | 0 | 0 | 0 | 0.85 | 0 | 0 | 0 | 0.5% | 4.9 |
| YES | 1.15 | 0.07 | 0 | 0 | 0 | 1.07 | 32 | 1516 | 16 | 0.5% | 6.6 |
| YES | 0.16 | 0.07 | 0 | 0 | 0 | 0.09 | 0 | 0 | 0 | 0.5% | 1.2 |
| YES | 2.60 | 0.05 | 0 | 0 | 0 | 2.55 | 55 | 2120 | 14 | 0.5% | 4.5 |
| YES | 4.64 | 0.78 | 0 | 0 | 0 | 3.86 | 46 | 24578 | 200 | 19.6% | 4.3 |
| YES | 2.38 | 0.08 | 0 | 0 | 0 | 2.30 | 25 | 1793 | 25 | 12.6% | 6.3 |
| YES | 3.43 | 0.25 | 0 | 0 | 0 | 3.18 | 15 | 2655 | 32 | 1.4% | 5.8 |
| YES | 4.27 | 0.10 | 0 | 0 | 0 | 4.17 | 112 | 3496 | 21 | 4.9% | 4.5 |
| YES | 2.96 | 0.12 | 0 | 0 | 0 | 2.84 | 3 | 224 | 1 | 1.4% | 2.4 |
| YES | 3.24 | 0.12 | 0 | 0 | 0 | 3.12 | 44 | 1524 | 7 | 1.4% | 5.4 |
| YES | 5.10 | 3.26 | 0 | 0 | 0 | 1.84 | 9 | 170 | 1 | 0.5% | 7.5 |
| YES | 4.04 | 0.65 | 0 | 0 | 0 | 3.39 | 51 | 12074 | 130 | 0.5% | 5.3 |
| YES | 6.55 | 0.57 | 0 | 0 | 0 | 5.98 | 6 | 1799 | 43 | 20.9% | 5.4 |
| YES | 2.89 | 0.14 | 0 | 0 | 0 | 2.74 | 53 | 6162 | 172 | 3.4% | 7.2 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.22 | 0.04 | 0 | 0 | 0 | 2.18 | 28 | 2239 | 31 | 0.5% | 3.7 |
| YES | 2.48 | 0.23 | 0 | 0 | 0 | 2.25 | 19 | 146 | 1 | 0.5% | 2.6 |
| YES | 1.25 | 1.25 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.3 |
| YES | 1.31 | 0.11 | 0 | 0 | 0 | 1.19 | 0 | 0 | 0 | 0.5% | 6.6 |
| YES | 1.15 | 0.68 | 0 | 0 | 0 | 0.47 | 5 | 112 | 0 | 0.5% | 3.5 |
| YES | 1.69 | 0.89 | 0 | 0 | 0 | 0.79 | 24 | 83 | 1 | 0.5% | 5.2 |
| YES | 2.77 | 1.51 | 0 | 0 | 0 | 1.26 | 0 | 0 | 0 | 0.5% | 6.6 |
| YES | 1.21 | 0.29 | 0 | 0 | 0 | 0.92 | 0 | 0 | 0 | 0.5% | 4.9 |
| YES | 0.71 | 0.14 | 0 | 0 | 0 | 0.57 | 0 | 0 | 0 | 0.5% | 1.3 |
| YES | 3.37 | 2.90 | 0 | 0 | 0 | 0.47 | 0 | 0 | 0 | 1.4% | 7.2 |
| YES | 2.30 | 0.12 | 0 | 0 | 0 | 2.19 | 41 | 6563 | 64 | 1.4% | 6.5 |
| YES | 2.09 | 0.13 | 0 | 0 | 0 | 1.95 | 52 | 2290 | 9 | 3.5% | 4.1 |
| YES | 2.50 | 0.71 | 0 | 0 | 0 | 1.79 | 21 | 8 | 0 | 1.4% | 4.7 |
| YES | 2.55 | 0.07 | 0 | 0 | 0 | 2.48 | 22 | 150 | 2 | 1.4% | 4.5 |
| YES | 8.31 | 0.63 | 0 | 0 | 0 | 7.68 | 38 | 4203 | 34 | 1.4% | 3.0 |
| YES | 5.66 | 1.68 | 0 | 0 | 0 | 3.98 | 62 | 6648 | 126 | 6.2% | 4.5 |
| YES | 7.33 | 0.11 | 0 | 0 | 0 | 7.21 | 50 | 4922 | 35 | 1.4% | 5.0 |
| YES | 6.89 | 0.19 | 0 | 0 | 0 | 6.70 | 63 | 18345 | 209 | 1.4% | 6.6 |
| YES | 3.93 | 0.21 | 0 | 0 | 0 | 3.73 | 32 | 5550 | 105 | 0.0% | 8.8 |
| YES | 3.11 | 0.10 | 0 | 0 | 0 | 3.01 | 63 | 11771 | 31 | 0.0% | 7.9 |
| YES | 1.83 | 0.10 | 0 | 0 | 0 | 1.73 | 19 | 418 | 2 | 0.0% | 2.1 |
| YES | 1.80 | 0.12 | 0 | 0 | 0 | 1.68 | 15 | 150 | 1 | 1.9% | 4.0 |
| YES | 1.57 | 0.08 | 0 | 0 | 0 | 1.50 | 0 | 0 | 0 | 0.0% | 1.4 |
| YES | 2.67 | 0.14 | 0 | 0 | 0 | 2.53 | 77 | 2065 | 5 | 0.0% | 4.2 |
| YES | 4.09 | 0.55 | 0 | 0 | 0 | 3.54 | 8 | 4044 | 62 | 0.0% | 7.2 |
| YES | 5.16 | 0.26 | 0 | 0 | 0 | 4.90 | 40 | 3491 | 29 | 2.9% | 8.8 |
| YES | 3.36 | 0.22 | 0 | 0 | 0 | 3.14 | 26 | 1790 | 17 | 0.5% | 2.5 |
| YES | 2.44 | 0.02 | 0 | 0 | 0 | 2.42 | 37 | 6884 | 80 | 0.5% | 3.2 |
| YES | 4.85 | 0.05 | 0 | 0 | 0 | 4.79 | 40 | 1020 | 41 | 0.5% | 4.4 |
| YES | 1.00 | 0.03 | 0 | 0 | 0 | 0.97 | 1 | 15 | 0 | 0.5% | 4.7 |
| YES | 5.63 | 2.64 | 0 | 0 | 0 | 2.99 | 0 | 0 | 0 | 0.5% | 3.4 |
| YES | 2.55 | 0.64 | 0 | 0 | 0 | 1.92 | 4 | 387 | 5 | 0.5% | 6.6 |
| YES | 1.61 | 1.49 | 0 | 0 | 0 | 0.12 | 77 | 9691 | 101 | 0.5% | 6.8 |
| YES | 3.75 | 0.73 | 0 | 0 | 0 | 3.03 | 8 | 137 | 1 | 0.5% | 5.0 |
| YES | 2.56 | 0.08 | 0 | 0 | 0 | 2.47 | 9 | 105 | 2 | 0.5% | 5.9 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 3.40 | 0.83 | 0 | 0 | 0 | 2.57 | 202 | 38438 | 418 | 0.5% | 6.4 |
| YES | 3.75 | 0.82 | 0 | 0 | 0 | 2.93 | 9 | 35 | 2 | 28.8% | 5.0 |
| YES | 1.94 | 0.07 | 0 | 0 | 0 | 1.87 | 39 | 2521 | 26 | 3.3% | 4.3 |
| YES | 2.77 | 0.13 | 0 | 0 | 0 | 2.63 | 29 | 243 | 1 | 0.5% | 5.2 |
| YES | 2.04 | 0.28 | 0 | 0 | 0 | 1.77 | 91 | 11256 | 317 | 0.5% | 5.8 |
| YES | 1.98 | 0.38 | 0 | 0 | 0 | 1.60 | 55 | 9899 | 81 | 0.5% | 2.7 |
| YES | 2.40 | 0.80 | 0 | 0 | 0 | 1.60 | 0 | 0 | 0 | 0.5% | 2.3 |
| YES | 6.39 | 0.01 | 0 | 0 | 0 | 6.38 | 9 | 10818 | 49 | 5.0% | 9.5 |
| YES | 3.19 | 1.17 | 0 | 0 | 0 | 2.02 | 10 | 108 | 0 | 6.0% | 5.3 |
| YES | 4.32 | 2.20 | 0 | 0 | 0 | 2.12 | 3 | 77 | 1 | 0.0% | 8.6 |
| YES | 0.72 | 0.72 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 56.1% | 6.4 |
| YES | 3.23 | 1.63 | 0 | 0 | 0 | 1.59 | 0 | 0 | 0 | 0.0% | 4.5 |
| YES | 1.83 | 0.12 | 0 | 0 | 0 | 1.71 | 0 | 0 | 0 | 6.9% | 4.0 |
| YES | 2.27 | 1.14 | 0 | 0 | 0 | 1.13 | 74 | 817 | 5 | 1.4% | 7.3 |
| YES | 1.86 | 1.02 | 0 | 0 | 0 | 0.83 | 0 | 0 | 0 | 5.9% | 4.7 |
| YES | 2.51 | 1.03 | 0 | 0 | 0 | 1.47 | 28 | 1009 | 8 | 1.4% | 5.5 |
| YES | 2.66 | 1.14 | 0 | 0 | 0 | 1.52 | 21 | 1905 | 30 | 5.0% | 4.9 |
| YES | 1.52 | 1.35 | 0 | 0 | 0 | 0.17 | 0 | 0 | 0 | 1.4% | 3.0 |
| YES | 4.25 | 0.90 | 0 | 0 | 0 | 3.35 | 19 | 1635 | 26 | 1.4% | 6.5 |
| YES | 1.85 | 0.07 | 0 | 0 | 0 | 1.78 | 19 | 1619 | 51 | 0.5% | 5.8 |
| YES | 2.34 | 0.39 | 0 | 0 | 0 | 1.95 | 12 | 969 | 15 | 0.5% | 5.8 |
| YES | 2.29 | 0.29 | 0 | 0 | 0 | 2.00 | 53 | 10671 | 107 | 0.5% | 5.7 |
| YES | 0.94 | 0.56 | 0 | 0 | 0 | 0.39 | 0 | 0 | 0 | 0.5% | 5.4 |
| YES | 3.35 | 0.11 | 0 | 0 | 0 | 3.24 | 3 | 6 | 0 | 20.1% | 6.2 |
| YES | 1.94 | 0.12 | 0 | 0 | 0 | 1.82 | 48 | 2034 | 9 | 2.5% | 5.3 |
| YES | 1.76 | 0.07 | 0 | 0 | 0 | 1.69 | 59 | 1736 | 15 | 0.5% | 6.9 |
| YES | 1.13 | 0.16 | 0 | 0 | 0 | 0.96 | 0 | 0 | 0 | 0.5% | 7.0 |
| YES | 0.96 | 0.02 | 0 | 0 | 0 | 0.94 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 2.13 | 0.37 | 0 | 0 | 0 | 1.76 | 19 | 85 | 0 | 0.5% | 4.8 |
| YES | 0.48 | 0.17 | 0 | 0 | 0 | 0.31 | 0 | 0 | 0 | 0.5% | 3.9 |
| YES | 1.32 | 0.27 | 0 | 0 | 0 | 1.05 | 121 | 6994 | 163 | 0.5% | 6.5 |
| YES | 1.62 | 0.23 | 0 | 0 | 0 | 1.40 | 123 | 2219 | 185 | 0.5% | 3.4 |
| YES | 1.60 | 0.38 | 0 | 0 | 0 | 1.22 | 33 | 2699 | 74 | 0.5% | 8.1 |
| YES | 0.82 | 0.18 | 0 | 0 | 0 | 0.64 | 11 | 504 | 2 | 0.5% | 3.6 |
| YES | 3.04 | 0.61 | 0 | 0 | 0 | 2.43 | 6 | 584 | 6 | 0.5% | 4.1 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.92 | 0.04 | 0 | 0 | 0 | 1.89 | 43 | 8049 | 73 | 0.5% | 5.7 |
| YES | 2.84 | 0.02 | 0 | 0 | 0 | 2.82 | 57 | 2985 | 14 | 0.5% | 5.6 |
| YES | 2.15 | 0.08 | 0 | 0 | 0 | 2.08 | 103 | 5753 | 119 | 0.5% | 8.4 |
| YES | 2.49 | 1.07 | 0 | 0 | 0 | 1.42 | 8 | 131 | 1 | 0.5% | 6.0 |
| YES | 2.05 | 0.12 | 0 | 0 | 0 | 1.94 | 11 | 900 | 11 | 0.5% | 5.0 |
| YES | 1.97 | 0.17 | 0 | 0 | 0 | 1.80 | 4 | 27 | 0 | 0.5% | 2.9 |
| YES | 1.69 | 1.69 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 5.7 |
| YES | 2.10 | 0.06 | 0 | 0 | 0 | 2.04 | 1 | 3 | 0 | 0.5% | 3.4 |
| YES | 4.65 | 0.58 | 0 | 0 | 0 | 4.07 | 8 | 1173 | 14 | 0.0% | 7.8 |
| YES | 3.44 | 0.15 | 0 | 0 | 0 | 3.29 | 50 | 2676 | 19 | 0.0% | 3.2 |
| YES | 0.33 | 0.10 | 0 | 0 | 0 | 0.23 | 0 | 0 | 0 | 0.0% | 0.7 |
| YES | 1.64 | 0.06 | 0 | 0 | 0 | 1.58 | 0 | 0 | 0 | 40.0% | 5.3 |
| YES | 0.35 | 0.35 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 2.0 |
| YES | 0.31 | 0.31 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 4.5 |
| YES | 1.48 | 1.48 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 2.3 |
| YES | 2.95 | 2.95 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 3.1 |
| YES | 2.44 | 2.44 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 3.7 |
| YES | 1.70 | 1.70 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 2.6 |
| YES | 1.57 | 1.57 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 3.6 |
| YES | 1.99 | 1.99 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 2.2 |
| YES | 1.13 | 0.21 | 0 | 0 | 0 | 0.92 | 5 | 190 | 3 | 0.5% | 4.0 |
| YES | 1.28 | 0.30 | 0 | 0 | 0 | 0.98 | 5 | 340 | 5 | 0.5% | 4.5 |
| YES | 1.89 | 0.16 | 0 | 0 | 0 | 1.73 | 11 | 89 | 1 | 0.5% | 3.9 |
| YES | 1.06 | 0.12 | 0 | 0 | 0 | 0.94 | 12 | 396 | 3 | 0.5% | 2.6 |
| YES | 4.82 | 0.40 | 0 | 0 | 0 | 4.42 | 71 | 12692 | 149 | 1.4% | 7.1 |
| YES | 3.33 | 0.00 | 0 | 0 | 0 | 3.33 | 44 | 2448 | 46 | 1.4% | 4.3 |
| YES | 2.56 | 0.15 | 0 | 0 | 0 | 2.41 | 81 | 6440 | 58 | 1.4% | 5.0 |
| YES | 5.73 | 1.85 | 0 | 0 | 0 | 3.88 | 4 | 404 | 10 | 0.5% | 7.2 |
| YES | 3.15 | 0.09 | 0 | 0 | 0 | 3.06 | 6 | 53 | 1 | 30.3% | 7.0 |
| YES | 2.14 | 0.05 | 0 | 0 | 0 | 2.10 | 6 | 2265 | 20 | 0.5% | 4.3 |
| YES | 1.60 | 0.44 | 0 | 0 | 0 | 1.16 | 0 | 0 | 0 | 0.5% | 5.8 |
| YES | 3.40 | 0.50 | 0 | 0 | 0 | 2.90 | 4 | 382 | 4 | 0.5% | 7.0 |
| YES | 2.42 | 0.62 | 0 | 0 | 0 | 1.80 | 2 | 475 | 4 | 0.5% | 7.5 |
| YES | 4.68 | 1.94 | 0 | 0 | 0 | 2.74 | 0 | 0 | 0 | 20.1% | 6.2 |
| YES | 3.07 | 0.03 | 0 | 0 | 0 | 3.04 | 154 | 842 | 4 | 0.0% | 5.9 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.76 | 0.14 | 0 | 0 | 0 | 2.62 | 118 | 10140 | 126 | 0.0% | 3.8 |
| YES | 4.69 | 0.13 | 0 | 0 | 0 | 4.57 | 76 | 52118 | 574 | 4.6% | 9.5 |
| YES | 2.74 | 0.14 | 0 | 0 | 0 | 2.59 | 46 | 1079 | 9 | 2.6% | 4.5 |
| YES | 1.43 | 0.14 | 0 | 0 | 0 | 1.29 | 23 | 3294 | 50 | 15.9% | 6.5 |
| YES | 0.86 | 0.20 | 0 | 0 | 0 | 0.66 | 53 | 345 | 2 | 0.5% | 2.5 |
| YES | 1.46 | 0.05 | 0 | 0 | 0 | 1.41 | 59 | 123 | 1 | 0.5% | 2.8 |
| YES | 1.31 | 0.23 | 0 | 0 | 0 | 1.08 | 56 | 1087 | 2 | 0.5% | 5.6 |
| YES | 0.91 | 0.16 | 0 | 0 | 0 | 0.75 | 75 | 21774 | 101 | 0.5% | 2.6 |
| YES | 1.35 | 0.14 | 0 | 0 | 0 | 1.21 | 43 | 2406 | 13 | 0.5% | 5.2 |
| YES | 1.36 | 0.26 | 0 | 0 | 0 | 1.10 | 55 | 3023 | 8 | 0.5% | 3.9 |
| YES | 2.38 | 0.03 | 0 | 0 | 0 | 2.35 | 41 | 12904 | 43 | 0.5% | 5.8 |
| YES | 2.94 | 0.06 | 0 | 0 | 0 | 2.88 | 65 | 5030 | 56 | 0.5% | 5.9 |
| YES | 3.26 | 0.00 | 0 | 0 | 0 | 3.26 | 57 | 9734 | 104 | 0.5% | 3.9 |
| YES | 3.52 | 0.33 | 0 | 0 | 0 | 3.19 | 117 | 14410 | 145 | 0.0% | 5.1 |
| YES | 2.22 | 0.31 | 0 | 0 | 0 | 1.92 | 48 | 1475 | 9 | 0.0% | 6.4 |
| YES | 1.94 | 0.06 | 0 | 0 | 0 | 1.89 | 84 | 1010 | 8 | 0.0% | 2.7 |
| YES | 3.60 | 0.15 | 0 | 0 | 0 | 3.44 | 76 | 10174 | 150 | 2.3% | 7.8 |
| YES | 2.90 | 1.24 | 0 | 0 | 0 | 1.66 | 0 | 0 | 0 | 0.5% | 7.8 |
| YES | 1.89 | 0.74 | 0 | 0 | 0 | 1.14 | 0 | 0 | 0 | 0.5% | 5.8 |
| YES | 2.06 | 0.10 | 0 | 0 | 0 | 1.96 | 12 | 80 | 1 | 0.5% | 1.7 |
| YES | 1.65 | 0.40 | 0 | 0 | 0 | 1.25 | 13 | 353 | 2 | 0.5% | 1.9 |
| YES | 0.42 | 0.42 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 0.6 |
| YES | 1.92 | 1.92 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 1.90 | 1.90 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 1.92 | 1.92 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 4.57 | 0.43 | 0 | 0 | 0 | 4.14 | 9 | 1120 | 7 | -17.3% | 8.4 |
| YES | 4.87 | 4.12 | 0 | 0 | 0 | 0.75 | 0 | 0 | 0 | 54.6% | 8.1 |
| YES | 4.62 | 0.05 | 0 | 0 | 0 | 4.57 | 67 | 3208 | 26 | 0.5% | 5.1 |
| YES | 1.68 | 0.08 | 0 | 0 | 0 | 1.60 | 60 | 14 | 0 | 6.1% | 1.9 |
| YES | 2.89 | 1.67 | 0 | 0 | 0 | 1.23 | 0 | 0 | 0 | 0.5% | 4.2 |
| YES | 5.31 | 1.12 | 0 | 0 | 0 | 4.20 | 25 | 638 | 8 | 0.5% | 8.1 |
| YES | 8.99 | 3.82 | 0 | 0 | 0 | 5.17 | 33 | 1169 | 17 | 7.6% | 11.4 |
| YES | 3.21 | 0.08 | 0 | 0 | 0 | 3.13 | 39 | 2562 | 44 | 0.0% | 2.8 |
| YES | 8.48 | 0.34 | 0 | 0 | 0 | 8.14 | 146 | 11370 | 252 | 0.8% | 7.3 |
| YES | 3.36 | 0.17 | 0 | 0 | 0 | 3.19 | 124 | 14787 | 151 | 10.2% | 5.4 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.85 | 0.03 | 0 | 0 | 0 | 2.81 | 42 | 1756 | 17 | 0.5% | 4.2 |
| YES | 2.88 | 0.17 | 0 | 0 | 0 | 2.71 | 76 | 968 | 9 | 150.2% | 2.5 |
| YES | 4.82 | 1.24 | 0 | 0 | 0 | 3.58 | 15 | 900 | 17 | 0.5% | 7.3 |
| YES | 3.06 | 1.92 | 0 | 0 | 0 | 1.14 | 39 | 1058 | 12 | 3.0% | 6.9 |
| YES | 2.26 | 0.18 | 0 | 0 | 0 | 2.08 | 37 | 1706 | 9 | 0.5% | 3.9 |
| YES | 0.90 | 0.11 | 0 | 0 | 0 | 0.79 | 2 | 87 | 1 | 0.5% | 2.8 |
| YES | 3.18 | 1.73 | 0 | 0 | 0 | 1.45 | 17 | 551 | 6 | 0.5% | 5.6 |
| YES | 4.31 | 0.81 | 0 | 0 | 0 | 3.50 | 11 | 445 | 3 | 0.0% | 6.4 |
| YES | 3.19 | 1.04 | 0 | 0 | 0 | 2.15 | 3 | 69 | 1 | 0.5% | 5.6 |
| YES | 4.27 | 1.45 | 0 | 0 | 0 | 2.82 | 5 | 701 | 12 | 0.5% | 6.3 |
| YES | 6.18 | 3.46 | 0 | 0 | 0 | 2.72 | 1 | 171 | 2 | 0.5% | 7.0 |
| YES | 3.10 | 0.28 | 0 | 0 | 0 | 2.82 | 2 | 232 | 2 | 0.5% | 6.7 |
| YES | 4.85 | 0.18 | 0 | 0 | 0 | 4.68 | 52 | 590 | 3 | 0.5% | 7.6 |
| YES | 4.49 | 1.70 | 0 | 0 | 0 | 2.79 | 44 | 3240 | 44 | 1.8% | 6.6 |
| YES | 2.97 | 0.13 | 0 | 0 | 0 | 2.84 | 22 | 404 | 2 | 3.2% | 7.9 |
| YES | 6.44 | 0.19 | 0 | 0 | 0 | 6.25 | 109 | 22757 | 259 | 10.6% | 7.9 |
| YES | 2.90 | 1.29 | 0 | 0 | 0 | 1.61 | 25 | 1458 | 13 | 1.4% | 5.6 |
| YES | 3.17 | 0.73 | 0 | 0 | 0 | 2.45 | 10 | 921 | 8 | 1.4% | 5.6 |
| YES | 2.19 | 0.16 | 0 | 0 | 0 | 2.02 | 7 | 75 | 1 | 1.4% | 2.9 |
| YES | 3.73 | 0.99 | 0 | 0 | 0 | 2.73 | 46 | 1081 | 6 | 1.4% | 6.2 |
| YES | 2.13 | 0.00 | 0 | 0 | 0 | 2.13 | 75 | 14660 | 72 | 0.5% | 6.2 |
| YES | 3.20 | 0.11 | 0 | 0 | 0 | 3.08 | 84 | 7633 | 121 | 0.5% | 6.6 |
| YES | 2.33 | 0.36 | 0 | 0 | 0 | 1.97 | 2 | 13 | 0 | 0.5% | 0.4 |
| YES | 5.48 | 0.69 | 0 | 0 | 0 | 4.78 | 97 | 5570 | 41 | 0.5% | 6.4 |
| YES | 2.04 | 0.38 | 0 | 0 | 0 | 1.67 | 7 | 465 | 3 | 0.5% | 3.7 |
| YES | 3.18 | 0.14 | 0 | 0 | 0 | 3.04 | 27 | 2410 | 60 | -5.9% | 6.4 |
| YES | 2.81 | 0.22 | 0 | 0 | 0 | 2.58 | 45 | 221 | 2 | 1.4% | 7.0 |
| YES | 3.43 | 0.92 | 0 | 0 | 0 | 2.51 | 11 | 70 | 1 | 1.4% | 4.9 |
| YES | 4.04 | 0.73 | 0 | 0 | 0 | 3.31 | 14 | 240 | 2 | 1.4% | 7.7 |
| YES | 2.59 | 0.12 | 0 | 0 | 0 | 2.47 | 39 | 1854 | 51 | 1.4% | 3.5 |
| YES | 3.12 | 0.27 | 0 | 0 | 0 | 2.85 | 25 | 1882 | 30 | 8.3% | 9.7 |
| YES | 4.08 | 1.03 | 0 | 0 | 0 | 3.05 | 3 | 284 | 4 | 1.4% | 8.4 |
| YES | 5.37 | 0.51 | 0 | 0 | 0 | 4.86 | 53 | 8873 | 87 | 1.4% | 5.3 |
| YES | 3.79 | 3.12 | 0 | 0 | 0 | 0.67 | 4 | 33 | 0 | 0.0% | 9.8 |
| YES | 3.81 | 2.09 | 0 | 0 | 0 | 1.72 | 0 | 0 | 0 | 0.0% | 5.6 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.45 | 0.39 | 0 | 0 | 0 | 2.06 | 2 | 18 | 0 | 0.0% | 5.2 |
| YES | 4.21 | 0.60 | 0 | 0 | 0 | 3.61 | 1 | 69 | 1 | 0.0% | 3.3 |
| YES | 4.68 | 0.49 | 0 | 0 | 0 | 4.20 | 5 | 0 | 0 | 0.9% | 4.8 |
| YES | 3.63 | 2.54 | 0 | 0 | 0 | 1.09 | 0 | 0 | 0 | 0.0% | 6.1 |
| YES | 3.22 | 2.04 | 0 | 0 | 0 | 1.18 | 4 | 52 | 0 | 0.0% | 3.6 |
| YES | 3.50 | 0.02 | 0 | 0 | 0 | 3.48 | 5 | 658 | 3 | 0.0% | 4.9 |
| YES | 5.81 | 0.07 | 0 | 0 | 0 | 5.74 | 35 | 7386 | 149 | 0.0% | 5.6 |
| YES | 6.21 | 0.07 | 0 | 0 | 0 | 6.14 | 76 | 13449 | 181 | 0.0% | 5.6 |
| YES | 2.53 | 0.18 | 0 | 0 | 0 | 2.34 | 3 | 3 | 0 | 4.6% | 6.7 |
| YES | 2.28 | 0.99 | 0 | 0 | 0 | 1.29 | 0 | 0 | 0 | 1.4% | 4.2 |
| YES | 1.96 | 1.80 | 0 | 0 | 0 | 0.16 | 0 | 0 | 0 | 1.4% | 7.5 |
| YES | 4.73 | 2.01 | 0 | 0 | 0 | 2.73 | 1 | 1 | 0 | 83.5% | 5.9 |
| YES | 2.44 | 0.17 | 0 | 0 | 0 | 2.28 | 45 | 1255 | 6 | 0.5% | 4.8 |
| YES | 2.31 | 0.69 | 0 | 0 | 0 | 1.62 | 36 | 1041 | 3 | 0.5% | 5.7 |
| YES | 1.84 | 0.23 | 0 | 0 | 0 | 1.61 | 0 | 0 | 0 | 0.5% | 3.9 |
| YES | 1.39 | 0.28 | 0 | 0 | 0 | 1.11 | 99 | 4593 | 35 | 0.5% | 5.7 |
| YES | 1.72 | 0.00 | 0 | 0 | 0 | 1.72 | 13 | 421 | 2 | 0.5% | 7.6 |
| YES | 1.17 | 0.22 | 0 | 0 | 0 | 0.95 | 7 | 211 | 7 | 0.5% | 1.9 |
| YES | 3.88 | 0.39 | 0 | 0 | 0 | 3.48 | 29 | 10109 | 50 | 0.5% | 7.5 |
| YES | 2.19 | 0.30 | 0 | 0 | 0 | 1.89 | 17 | 675 | 6 | 0.5% | 4.7 |
| YES | 1.73 | 0.31 | 0 | 0 | 0 | 1.42 | 13 | 1297 | 9 | 0.5% | 4.2 |
| YES | 1.88 | 0.05 | 0 | 0 | 0 | 1.83 | 97 | 1125 | 10 | 0.5% | 4.6 |
| YES | 0.74 | 0.14 | 0 | 0 | 0 | 0.59 | 131 | 7567 | 55 | 0.5% | 6.2 |
| YES | 0.79 | 0.14 | 0 | 0 | 0 | 0.65 | 86 | 4508 | 91 | 0.5% | 5.5 |
| YES | 1.74 | 0.66 | 0 | 0 | 0 | 1.08 | 0 | 0 | 0 | 0.5% | 2.5 |
| YES | 2.45 | 1.92 | 0 | 0 | 0 | 0.53 | 0 | 0 | 0 | 0.5% | 5.1 |
| YES | 0.52 | 0.52 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 3.5 |
| YES | 0.88 | 0.12 | 0 | 0 | 0 | 0.76 | 0 | 0 | 0 | 0.5% | 5.5 |
| YES | 0.86 | 0.86 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 1.3 |
| YES | 6.83 | 1.20 | 0 | 0 | 0 | 5.63 | 16 | 83 | 2 | 0.5% | 4.5 |
| YES | 3.99 | 0.40 | 0 | 0 | 0 | 3.60 | 67 | 186 | 2 | 0.5% | 7.6 |
| YES | 10.96 | 4.62 | 0 | 0 | 0 | 6.34 | 5 | 1116 | 13 | 0.5% | 6.2 |
| YES | 4.53 | 2.19 | 0 | 0 | 0 | 2.34 | 87 | 650 | 4 | 0.5% | 5.7 |
| YES | 2.19 | 0.55 | 0 | 0 | 0 | 1.64 | 93 | 5792 | 34 | 0.5% | 7.5 |
| YES | 5.19 | 0.19 | 0 | 0 | 0 | 5.00 | 9 | 1408 | 18 | 1.1% | 8.4 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.94 | 0.39 | 0 | 0 | 0 | 1.55 | 34 | 7887 | 69 | 0.0% | 1.8 |
| YES | 5.51 | 0.56 | 0 | 0 | 0 | 4.95 | 39 | 13782 | 174 | 0.0% | 3.3 |
| YES | 8.94 | 0.24 | 0 | 0 | 0 | 8.70 | 86 | 27157 | 280 | 0.0% | 5.6 |
| YES | 3.26 | 0.72 | 0 | 0 | 0 | 2.54 | 52 | 1451 | 8 | 7.1% | 6.9 |
| YES | 4.53 | 0.07 | 0 | 0 | 0 | 4.46 | 57 | 2376 | 19 | 1.4% | 9.6 |
| YES | 4.12 | 0.54 | 0 | 0 | 0 | 3.58 | 17 | 886 | 6 | 1.4% | 4.1 |
| YES | 2.86 | 0.06 | 0 | 0 | 0 | 2.80 | 34 | 1287 | 11 | 1.4% | 8.6 |
| YES | 2.09 | 0.25 | 0 | 0 | 0 | 1.84 | 32 | 1006 | 5 | 1.4% | 6.6 |
| YES | 2.83 | 0.29 | 0 | 0 | 0 | 2.54 | 39 | 1383 | 11 | 1.4% | 6.0 |
| YES | 5.55 | 0.03 | 0 | 0 | 0 | 5.52 | 87 | 7608 | 57 | 1.9% | 5.5 |
| YES | 6.34 | 0.09 | 0 | 0 | 0 | 6.25 | 115 | 22161 | 297 | 1.6% | 5.4 |
| YES | 14.94 | 0.25 | 0 | 0 | 0 | 14.69 | 114 | 11800 | 51 | 0.0% | 7.4 |
| YES | 5.14 | 0.03 | 0 | 0 | 0 | 5.11 | 12 | 4679 | 28 | 0.0% | 3.1 |
| YES | 6.99 | 0.26 | 0 | 0 | 0 | 6.73 | 28 | 15646 | 65 | 0.0% | 2.9 |
| YES | 7.85 | 1.82 | 0 | 0 | 0 | 6.03 | 76 | 4836 | 34 | 0.5% | 7.0 |
| YES | 2.58 | 0.02 | 0 | 0 | 0 | 2.56 | 147 | 2985 | 17 | 0.0% | 5.4 |
| YES | 3.23 | 0.57 | 0 | 0 | 0 | 2.65 | 96 | 6593 | 116 | 0.0% | 4.9 |
| YES | 1.16 | 0.03 | 0 | 0 | 0 | 1.13 | 24 | 3001 | 30 | 0.0% | 3.2 |
| YES | 1.45 | 0.15 | 0 | 0 | 0 | 1.31 | 38 | 2576 | 30 | 0.0% | 6.0 |
| YES | 3.27 | 0.05 | 0 | 0 | 0 | 3.22 | 2 | 275 | 3 | 0.0% | 3.8 |
| YES | 2.95 | 0.00 | 0 | 0 | 0 | 2.95 | 41 | 1810 | 11 | 0.0% | 4.2 |
| YES | 1.47 | 0.03 | 0 | 0 | 0 | 1.45 | 92 | 4940 | 118 | 0.0% | 3.5 |
| YES | 1.47 | 0.85 | 0 | 0 | 0 | 0.62 | 28 | 409 | 3 | 0.0% | 2.3 |
| YES | 1.42 | 0.02 | 0 | 0 | 0 | 1.40 | 45 | 4048 | 59 | 0.0% | 5.1 |
| YES | 1.26 | 0.07 | 0 | 0 | 0 | 1.19 | 10 | 212 | 1 | 0.0% | 2.8 |
| YES | 2.67 | 0.53 | 0 | 0 | 0 | 2.14 | 35 | 2729 | 12 | 3.7% | 5.2 |
| YES | 4.61 | 0.16 | 0 | 0 | 0 | 4.45 | 138 | 4278 | 31 | 0.0% | 6.0 |
| YES | 5.60 | 0.12 | 0 | 0 | 0 | 5.48 | 20 | 6460 | 40 | 0.0% | 8.0 |
| YES | 4.53 | 0.07 | 0 | 0 | 0 | 4.47 | 137 | 13999 | 140 | 0.0% | 6.7 |
| YES | 2.44 | 0.53 | 0 | 0 | 0 | 1.91 | 5 | 134 | 4 | 5.6% | 3.7 |
| YES | 0.55 | 0.55 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 2.1 |
| YES | 0.81 | 0.41 | 0 | 0 | 0 | 0.40 | 0 | 0 | 0 | 0.0% | 2.7 |
| YES | 4.49 | 2.90 | 0 | 0 | 0 | 1.59 | 4 | 361 | 8 | 0.0% | 7.6 |
| YES | 7.08 | 0.81 | 0 | 0 | 0 | 6.27 | 59 | 9185 | 84 | 4.9% | 9.5 |
| YES | 0.55 | 0.55 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 5.5 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.54 | 0.05 | 0 | 0 | 0 | 1.49 | 17 | 210 | 2 | 0.5% | 5.8 |
| YES | 1.83 | 0.92 | 0 | 0 | 0 | 0.91 | 9 | 298 | 3 | 0.5% | 3.2 |
| YES | 2.63 | 0.16 | 0 | 0 | 0 | 2.47 | 34 | 3750 | 41 | 0.5% | 5.1 |
| YES | 4.53 | 0.65 | 0 | 0 | 0 | 3.88 | 17 | 1077 | 20 | 0.5% | 7.8 |
| YES | 3.31 | 0.15 | 0 | 0 | 0 | 3.16 | 7 | 183 | 8 | 0.5% | 7.9 |
| YES | 1.71 | 0.19 | 0 | 0 | 0 | 1.52 | 0 | 0 | 0 | 0.5% | 5.5 |
| YES | 1.15 | 0.17 | 0 | 0 | 0 | 0.99 | 3 | 147 | 0 | 0.5% | 6.5 |
| YES | 2.34 | 0.06 | 0 | 0 | 0 | 2.28 | 12 | 367 | 2 | 0.5% | 7.4 |
| YES | 1.76 | 0.33 | 0 | 0 | 0 | 1.43 | 7 | 34 | 0 | 0.5% | 4.0 |
| YES | 1.35 | 0.81 | 0 | 0 | 0 | 0.53 | 0 | 0 | 0 | 0.5% | 3.4 |
| YES | 1.33 | 0.18 | 0 | 0 | 0 | 1.15 | 7 | 548 | 3 | 0.5% | 8.3 |
| YES | 2.62 | 0.41 | 0 | 0 | 0 | 2.21 | 15 | 1669 | 22 | 8.0% | 5.8 |
| YES | 2.73 | 1.72 | 0 | 0 | 0 | 1.01 | 3 | 30 | 0 | 4.7% | 7.0 |
| YES | 2.72 | 1.54 | 0 | 0 | 0 | 1.18 | 4 | 48 | 1 | 15.5% | 7.6 |
| YES | 1.82 | 1.18 | 0 | 0 | 0 | 0.64 | 0 | 0 | 0 | 1.4% | 4.5 |
| YES | 1.25 | 1.25 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 1.4% | 3.3 |
| YES | 2.24 | 0.53 | 0 | 0 | 0 | 1.72 | 5 | 58 | 0 | 2.4% | 5.9 |
| YES | 2.23 | 0.28 | 0 | 0 | 0 | 1.95 | 6 | 723 | 8 | 1.4% | 6.5 |
| YES | 2.50 | 0.77 | 0 | 0 | 0 | 1.72 | 11 | 119 | 1 | 1.4% | 4.9 |
| YES | 1.84 | 1.43 | 0 | 0 | 0 | 0.41 | 0 | 0 | 0 | 0.5% | 4.9 |
| YES | 2.57 | 0.45 | 0 | 0 | 0 | 2.13 | 2 | 113 | 2 | 0.5% | 5.6 |
| YES | 3.30 | 0.31 | 0 | 0 | 0 | 2.99 | 35 | 3982 | 42 | 0.5% | 10.0 |
| YES | 1.19 | 0.07 | 0 | 0 | 0 | 1.12 | 27 | 515 | 3 | 0.5% | 3.7 |
| YES | 1.67 | 0.96 | 0 | 0 | 0 | 0.71 | 9 | 124 | 1 | 0.5% | 6.9 |
| YES | 2.93 | 0.12 | 0 | 0 | 0 | 2.81 | 4 | 577 | 9 | 0.5% | 6.5 |
| YES | 2.07 | 0.07 | 0 | 0 | 0 | 1.99 | 3 | 25 | 0 | 0.5% | 4.6 |
| YES | 3.96 | 1.73 | 0 | 0 | 0 | 2.23 | 62 | 3578 | 67 | 5.9% | 5.9 |
| YES | 5.52 | 2.90 | 0 | 0 | 0 | 2.62 | 8 | 1984 | 26 | 29.4% | 3.1 |
| YES | 9.76 | 5.10 | 0 | 0 | 0 | 4.66 | 3 | 501 | 6 | 0.5% | 8.1 |
| YES | 1.99 | 0.05 | 0 | 0 | 0 | 1.94 | 0 | 0 | 0 | 125.6% | 4.5 |
| YES | 7.59 | 1.13 | 0 | 0 | 0 | 6.46 | 5 | 142 | 0 | 13.7% | 6.1 |
| YES | 2.61 | 0.11 | 0 | 0 | 0 | 2.49 | 23 | 2923 | 27 | 1.4% | 4.0 |
| YES | 2.73 | 0.23 | 0 | 0 | 0 | 2.50 | 32 | 2934 | 35 | 2.9% | 6.3 |
| YES | 2.60 | 0.08 | 0 | 0 | 0 | 2.52 | 89 | 56582 | 274 | 1.4% | 7.1 |
| YES | 2.05 | 0.08 | 0 | 0 | 0 | 1.97 | 115 | 22139 | 58 | 1.4% | 4.7 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 1.22 | 0.00 | 0 | 0 | 0 | 1.22 | 17 | 79 | 1 | 0.5% | 5.7 |
| YES | 2.51 | 0.18 | 0 | 0 | 0 | 2.33 | 7 | 98 | 0 | 9.8% | 3.6 |
| YES | 0.83 | 0.25 | 0 | 0 | 0 | 0.58 | 0 | 0 | 0 | 0.5% | 1.6 |
| YES | 2.04 | 0.32 | 0 | 0 | 0 | 1.72 | 14 | 740 | 5 | 0.5% | 5.0 |
| YES | 1.56 | 0.00 | 0 | 0 | 0 | 1.56 | 36 | 1649 | 10 | 0.5% | 2.7 |
| YES | 5.55 | 2.31 | 0 | 0 | 0 | 3.24 | 2 | 115 | 1 | 0.5% | 5.8 |
| YES | 28.12 | 0.00 | 0 | 0 | 0 | 28.12 | 25 | 515 | 4 | 0.5% | 3.3 |
| YES | 5.21 | 0.32 | 0 | 0 | 0 | 4.89 | 94 | 11392 | 104 | 0.5% | 6.6 |
| YES | 0.36 | 0.36 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 0.29 | 0.29 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 2.07 | 0.05 | 0 | 0 | 0 | 2.01 | 40 | 1995 | 15 | 0.0% | 4.0 |
| YES | 2.39 | 0.12 | 0 | 0 | 0 | 2.26 | 13 | 23 | 0 | 0.0% | 6.5 |
| YES | 2.51 | 0.29 | 0 | 0 | 0 | 2.22 | 35 | 3943 | 44 | 0.0% | 2.9 |
| YES | 2.75 | 0.08 | 0 | 0 | 0 | 2.67 | 29 | 474 | 3 | 0.0% | 5.5 |
| YES | 1.31 | 1.19 | 0 | 0 | 0 | 0.12 | 7 | 19 | 0 | 11.0% | 3.0 |
| YES | 2.26 | 1.28 | 0 | 0 | 0 | 0.98 | 0 | 0 | 0 | 0.0% | 3.6 |
| YES | 1.28 | 0.99 | 0 | 0 | 0 | 0.28 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 0.06 | 0.06 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 1.08 | 0.00 | 0 | 0 | 0 | 1.08 | 106 | 944 | 5 | 0.0% | 2.7 |
| YES | 2.10 | 0.00 | 0 | 0 | 0 | 2.10 | 79 | 1381 | 7 | 0.0% | 6.4 |
| YES | 2.29 | 0.58 | 0 | 0 | 0 | 1.71 | 0 | 0 | 0 | 1.4% | 3.8 |
| YES | 1.12 | 0.15 | 0 | 0 | 0 | 0.97 | 0 | 0 | 0 | 1.4% | 3.5 |
| YES | 2.53 | 0.15 | 0 | 0 | 0 | 2.38 | 8 | 1233 | 8 | 1.4% | 8.7 |
| YES | 2.24 | 0.32 | 0 | 0 | 0 | 1.91 | 0 | 0 | 0 | 1.4% | 4.6 |
| YES | 4.31 | 1.67 | 0 | 0 | 0 | 2.64 | 12 | 1023 | 12 | 21.9% | 8.8 |
| YES | 3.44 | 0.80 | 0 | 0 | 0 | 2.64 | 7 | 754 | 7 | 18.2% | 7.1 |
| YES | 6.06 | 0.02 | 0 | 0 | 0 | 6.04 | 44 | 23407 | 138 | 0.0% | 2.7 |
| YES | 3.82 | 0.00 | 0 | 0 | 0 | 3.82 | 33 | 5422 | 38 | 0.0% | 7.5 |
| YES | 4.45 | 0.25 | 0 | 0 | 0 | 4.20 | 92 | 28253 | 334 | 0.0% | 6.7 |
| YES | 2.32 | 0.59 | 0 | 0 | 0 | 1.73 | 21 | 360 | 2 | 1.4% | 4.1 |
| YES | 2.02 | 0.20 | 0 | 0 | 0 | 1.82 | 26 | 2186 | 29 | 1.4% | 2.7 |
| YES | 3.60 | 0.06 | 0 | 0 | 0 | 3.54 | 148 | 7366 | 147 | 0.5% | 6.5 |
| YES | 2.96 | 0.06 | 0 | 0 | 0 | 2.91 | 91 | 8528 | 103 | 0.5% | 3.3 |
| YES | 0.40 | 0.21 | 0 | 0 | 0 | 0.19 | 0 | 0 | 0 | 0.5% | 1.5 |
| YES | 3.18 | 0.06 | 0 | 0 | 0 | 3.12 | 11 | 258 | 2 | 0.5% | 5.6 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 3.84 | 1.47 | 0 | 0 | 0 | 2.37 | 32 | 1098 | 9 | 0.5% | 5.7 |
| YES | 0.98 | 0.06 | 0 | 0 | 0 | 0.92 | 0 | 0 | 0 | 0.0% | 0.3 |
| YES | 6.08 | 0.50 | 0 | 0 | 0 | 5.58 | 0 | 0 | 0 | 3.1% | 6.7 |
| YES | 5.57 | 0.15 | 0 | 0 | 0 | 5.42 | 60 | 1143 | 7 | 5.6% | 3.8 |
| YES | 6.18 | 1.09 | 0 | 0 | 0 | 5.10 | 40 | 3042 | 50 | 0.0% | 6.6 |
| YES | 9.95 | 6.66 | 0 | 0 | 0 | 3.28 | 14 | 303 | 1 | 2.0% | 10.3 |
| YES | 3.28 | 2.29 | 0 | 0 | 0 | 1.00 | 4 | 186 | 2 | 5.8% | 7.3 |
| YES | 6.13 | 2.87 | 0 | 0 | 0 | 3.26 | 3 | 39 | 0 | 3.8% | 4.9 |
| YES | 3.17 | 3.17 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 6.3 |
| YES | 3.51 | 1.47 | 0 | 0 | 0 | 2.05 | 1 | 92 | 1 | 0.0% | 6.2 |
| YES | 7.25 | 5.10 | 0 | 0 | 0 | 2.15 | 0 | 0 | 0 | 3.4% | 9.1 |
| YES | 1.67 | 1.09 | 0 | 0 | 0 | 0.58 | 1 | 73 | 0 | 0.0% | 3.2 |
| YES | 4.95 | 0.18 | 0 | 0 | 0 | 4.77 | 48 | 3530 | 21 | 0.0% | 5.5 |
| YES | 4.13 | 0.56 | 0 | 0 | 0 | 3.57 | 27 | 3276 | 32 | 0.0% | 5.7 |
| YES | 1.32 | 0.13 | 0 | 0 | 0 | 1.19 | 0 | 0 | 0 | 25.4% | 2.2 |
| YES | 3.12 | 1.98 | 0 | 0 | 0 | 1.15 | 1 | 323 | 2 | 0.0% | 4.0 |
| YES | 0.44 | 0.04 | 0 | 0 | 0 | 0.41 | 0 | 0 | 0 | 0.0% | 0.3 |
| YES | 1.57 | 1.57 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 13.6% | 9.3 |
| YES | 2.03 | 1.57 | 0 | 0 | 0 | 0.46 | 5 | 125 | 1 | 25.3% | 8.9 |
| YES | 7.43 | 0.77 | 0 | 0 | 0 | 6.67 | 31 | 3184 | 23 | 0.9% | 6.7 |
| YES | 0.34 | 0.07 | 0 | 0 | 0 | 0.28 | 0 | 0 | 0 | 1.3% | 1.6 |
| YES | 3.94 | 0.21 | 0 | 0 | 0 | 3.74 | 12 | 2128 | 40 | 0.5% | 7.6 |
| YES | 2.37 | 0.06 | 0 | 0 | 0 | 2.31 | 29 | 3572 | 28 | 0.5% | 6.6 |
| YES | 2.61 | 0.32 | 0 | 0 | 0 | 2.29 | 6 | 93 | 1 | 0.5% | 5.4 |
| YES | 4.43 | 0.03 | 0 | 0 | 0 | 4.40 | 66 | 5702 | 71 | 0.5% | 5.7 |
| YES | 4.88 | 0.14 | 0 | 0 | 0 | 4.74 | 65 | 1625 | 15 | 0.5% | 8.3 |
| YES | 5.19 | 1.61 | 0 | 0 | 0 | 3.58 | 21 | 1937 | 41 | 0.5% | 8.3 |
| YES | 2.14 | 0.50 | 0 | 0 | 0 | 1.64 | 2 | 2262 | 11 | 0.5% | 2.2 |
| YES | 2.56 | 0.24 | 0 | 0 | 0 | 2.33 | 41 | 2526 | 13 | 0.5% | 10.1 |
| YES | 2.87 | 0.78 | 0 | 0 | 0 | 2.09 | 28 | 1488 | 32 | 0.5% | 7.8 |
| YES | 1.92 | 0.79 | 0 | 0 | 0 | 1.13 | 27 | 0 | 0 | 0.5% | 3.0 |
| YES | 1.66 | 0.95 | 0 | 0 | 0 | 0.71 | 0 | 0 | 0 | 0.5% | 4.5 |
| YES | 1.31 | 1.25 | 0 | 0 | 0 | 0.05 | 0 | 0 | 0 | 0.5% | 2.8 |
| YES | 3.35 | 1.90 | 0 | 0 | 0 | 1.45 | 0 | 0 | 0 | 0.5% | 7.9 |
| YES | 3.74 | 0.02 | 0 | 0 | 0 | 3.71 | 43 | 2627 | 47 | 0.0% | 6.3 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 4.47 | 0.23 | 0 | 0 | 0 | 4.24 | 28 | 13707 | 105 | 0.0% | 7.7 |
| YES | 4.72 | 0.08 | 0 | 0 | 0 | 4.64 | 29 | 3957 | 42 | 8.5% | 8.2 |
| YES | 14.74 | 4.82 | 0 | 0 | 0 | 9.91 | 8 | 1313 | 21 | 51.1% | 3.0 |
| YES | 0.00 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.4 |
| YES | 1.89 | 1.89 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 2.0% | 5.7 |
| YES | 0.84 | 0.84 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 2.0% | 3.2 |
| YES | 2.24 | 2.24 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 2.0% | 7.8 |
| YES | 0.38 | 0.38 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 2.0% | 4.9 |
| YES | 0.70 | 0.70 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 0.0 |
| YES | 5.17 | 3.99 | 0 | 0 | 0 | 1.18 | 9 | 939 | 9 | 0.5% | 6.4 |
| YES | 3.14 | 0.80 | 0 | 0 | 0 | 2.34 | 7 | 796 | 14 | 0.5% | 7.5 |
| YES | 8.23 | 4.65 | 0 | 0 | 0 | 3.58 | 45 | 3290 | 56 | 4.2% | 8.5 |
| YES | 4.43 | 4.17 | 0 | 0 | 0 | 0.26 | 1 | 122 | 3 | 0.5% | 8.1 |
| YES | 2.70 | 2.23 | 0 | 0 | 0 | 0.47 | 0 | 0 | 0 | 0.5% | 6.5 |
| YES | 2.92 | 2.92 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 5.3 |
| YES | 2.88 | 2.88 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 6.6 |
| YES | 6.53 | 3.66 | 0 | 0 | 0 | 2.87 | 0 | 0 | 0 | 0.5% | 8.0 |
| YES | 3.34 | 1.39 | 0 | 0 | 0 | 1.96 | 4 | 124 | 1 | 0.5% | 8.0 |
| YES | 6.73 | 4.21 | 0 | 0 | 0 | 2.52 | 4 | 1139 | 13 | 0.0% | 10.0 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 4.22 | 2.93 | 0 | 0 | 0 | 1.30 | 2 | 132 | 1 | 0.0% | 6.2 |
| YES | 3.83 | 2.08 | 0 | 0 | 0 | 1.75 | 0 | 0 | 0 | 0.0% | 6.0 |
| YES | 3.85 | 2.25 | 0 | 0 | 0 | 1.60 | 0 | 0 | 0 | 0.0% | 7.8 |
| YES | 2.91 | 2.91 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 7.6% | 6.5 |
| YES | 4.88 | 4.04 | 0 | 0 | 0 | 0.84 | 0 | 0 | 0 | 0.0% | 6.1 |
| YES | 6.30 | 1.95 | 0 | 0 | 0 | 4.35 | 4 | 1134 | 16 | 10.1% | 4.4 |
| YES | 4.43 | 4.43 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 7.3 |
| YES | 5.61 | 5.61 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.0% | 7.9 |
| YES | 4.81 | 2.75 | 0 | 0 | 0 | 2.06 | 34 | 468 | 7 | 0.0% | 8.7 |
| YES | 1.72 | 0.29 | 0 | 0 | 0 | 1.43 | 4 | 89 | 0 | 1.4% | 2.7 |
| YES | 2.56 | 0.16 | 0 | 0 | 0 | 2.40 | 29 | 3108 | 13 | 1.4% | 5.4 |
| YES | 2.97 | 0.06 | 0 | 0 | 0 | 2.92 | 30 | 1575 | 9 | 1.4% | 6.2 |
| YES | 3.10 | 0.24 | 0 | 0 | 0 | 2.87 | 20 | 2640 | 7 | 4.5% | 6.2 |
| YES | 2.99 | 0.15 | 0 | 0 | 0 | 2.84 | 26 | 3985 | 31 | 1.4% | 6.8 |
| YES | 2.90 | 1.64 | 0 | 0 | 0 | 1.26 | 0 | 0 | 0 | 7.9% | 6.7 |
| YES | 1.93 | 0.15 | 0 | 0 | 0 | 1.78 | 40 | 3374 | 54 | 1.4% | 3.5 |
| YES | 2.12 | 0.21 | 0 | 0 | 0 | 1.91 | 12 | 1507 | 12 | 1.4% | 5.2 |
| YES | 5.21 | 3.77 | 0 | 0 | 0 | 1.44 | 0 | 0 | 0 | 0.0% | 10.0 |
| YES | 4.75 | 3.09 | 0 | 0 | 0 | 1.66 | 0 | 0 | 0 | 0.0% | 9.2 |
| YES | 7.67 | 2.19 | 0 | 0 | 0 | 5.48 | 22 | 2778 | 34 | 0.0% | 8.6 |
| YES | 3.41 | 3.19 | 0 | 0 | 0 | 0.22 | 0 | 0 | 0 | 0.0% | 8.8 |
| YES | 6.15 | 2.47 | 0 | 0 | 0 | 3.67 | 33 | 143 | 1 | 0.0% | 6.4 |
| YES | 1.63 | 0.14 | 0 | 0 | 0 | 1.49 | 76 | 6169 | 30 | 0.5% | 4.9 |
| YES | 3.44 | 1.28 | 0 | 0 | 0 | 2.16 | 1 | 0 | 0 | 0.5% | 3.7 |
| YES | 0.00 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 1.4% | 6.3 |
| YES | 2.02 | 0.00 | 0 | 0 | 0 | 2.02 | 0 | 0 | 0 | 1.4% | 2.6 |
| YES | 3.04 | 0.62 | 0 | 0 | 0 | 2.42 | 5 | 1427 | 17 | 1.4% | 5.7 |
| YES | 2.36 | 0.25 | 0 | 0 | 0 | 2.12 | 0 | 0 | 0 | 6.2% | 6.4 |
| YES | 0.08 | 0.08 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 7.7 |
| YES | 0.12 | 0.12 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.5% | 9.4 |
| YES | 0.24 | 0.03 | 0 | 0 | 0 | 0.21 | 0 | 0 | 0 | 1.4% | 5.2 |
| YES | 0.26 | 0.08 | 0 | 0 | 0 | 0.18 | 0 | 0 | 0 | 1.4% | 2.7 |
| YES | 0.49 | 0.07 | 0 | 0 | 0 | 0.42 | 0 | 0 | 0 | 1.4% | 0.7 |
| YES | 4.88 | 0.57 | 0 | 0 | 0 | 4.30 | 0 | 0 | 0 | 0.0% | 6.3 |
| YES | 3.09 | 1.22 | 0 | 0 | 0 | 1.87 | 1 | 0 | 0 | 25.4% | 3.5 |

| (O) Feeder Looped? | (P) Total Length of Feeder | (Q) Length of URD Portion of Feeder Circuit | (R) Number of Customers Served by URD Feeders | (S) CMI for URD Feeders | (T) CI for URD Feeders | (U) Length of Overhead Portion of the Feeder Circuit | (V) Number of Customers Served by Overhead Feeders | (W) CMI for Overhead Feeders | (X) CI for Overhead Feeders | (Y) % Load Growth Since December 31 2010 | (Z) Recorded Peak Load Recorded through December 31 2011 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YES | 2.70 | 0.30 | 0 | 0 | 0 | 2.40 | 0 | 0 | 0 | 0.0% | 3.7 |
| YES | 5.27 | 0.32 | 0 | 0 | 0 | 4.95 | 19 | 3820 | 44 | 0.5% | 3.5 |
| YES | 5.44 | 3.05 | 0 | 0 | 0 | 2.39 | 1 | 134 | 1 | 0.5% | 7.7 |
| YES | 3.64 | 0.51 | 0 | 0 | 0 | 3.13 | 48 | 15051 | 117 | 10.1% | 3.7 |
| YES | 0.40 | 0.10 | 0 | 0 | 0 | 0.30 | 0 | 0 | 0 | 0.0% | 14.8 |
| YES | 1.10 | 0.09 | 0 | 0 | 0 | 1.01 | 0 | 0 | 0 | 1.4% | 0.1 |