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March 1, 2018

VIA: ELECTRONIC MAIL

Mr. Tom Ballinger, Director
Division of Engineering
Florida Public Service Commission
Room 215J – Gerald L. Gunter Building
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Storm Implementation Plan and Annual Reliability Performance Reports

Dear Mr. Ballinger:

Submitted herewith is Tampa Electric Company's 2017 Storm Implementation Plan and Annual Reliability Performance Reports.

Sincerely,

James D. Beasley

JDB/pp
Enclosure

2017

STORM IMPLEMENTATION PLAN
&
ANNUAL RELIABILITY PERFORMANCE REPORTS

FILED: March 1, 2018

TECO TAMPA ELECTRIC AN EMERA COMPANY

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TAMPA ELECTRIC COMPANY

SUMMARY OF 2017

STORM HARDENING PLAN, ANNUAL RELIABILITY PERFORMANCE REPORTS and ANNUAL WOOD POLE INSPECTIONS

Tampa Electric received approval of its 2016-2018 Storm Hardening Plan in Docket No. 160105-EI, Order No. PSC-16-0569-PAA-EI, issued December 19, 2016 and finalized by Consummating Order No. PSC-17-0023-CO-EI issued January 12, 2017.

In 2017, Tampa Electric continued to perform the required system hardening activities such as equipment upgrades, system and equipment maintenance, upgrading of distribution wood structures, replacement of transmission wood structures and the company's distribution and transmission inspection processes. These continued storm hardening activities will ensure Tampa Electric's electrical system will perform at an acceptable level if another major storm impacts the company's service area.

Tampa Electric's 2017 distribution reliability indices showed significant improvement in System Average Interruption Duration Index ("SAIDI"), Customer Average Interruption Duration Index ("CAIDI"), Momentary Average Interruption Event Frequency Index ("MAIFIe") and Average Duration of Outage Events ("L-Bar"). SAIDI, CAIDI and MAIFIe are the lowest they have been in the preceding five-year comparisons. L-Bar improved in 2017 for both underground and overhead outages with the underground L-Bar trend decreasing while the overhead L-Bar trend is increasing over the past five years. The improvements in SAIDI and CAIDI are attributed to less severe weather events than the previous year. The improvement in MAIFIe was

directly attributed to fewer breaker operations than the previous year. The improvements to L-Bar are attributed to quicker restoration times on outages when compared to 2016.

Tampa Electric saw unfavorable results in 2017 for System Average Interruption Frequency Index ("SAIFI") and Customers Experiencing More than Five Interruptions ("CEMI-5") as compared to the 2016. Adjusted SAIFI increased by 1.98 percent and adjusted CEMI-5 increased 16.30 percent. The main contributing factor to these two reliability indices dropping in performance was the increased number of outages the company experienced in 2017, as compared to 2016.

For 2018, Tampa Electric remains committed to continued electric system storm hardening within the Commission approved 2016-2018 Storm Hardening Plan. Tampa Electric will also continue looking for innovative ways to reduce storm hardening expenditures while increasing the company's electrical system's ability to withstand severe weather events. The company will also consider the rate impacts prior to taking proactive steps to ensure that expenditures made to improve the company's electrical system are spent prudently and in the best interest of all of Tampa Electric's customers.

The following pages include the following reports:

1. Tampa Electric's 2017 activities and costs and 2018 projected activity and costs for each of the Ten Storm Hardening Initiatives.
2. Tampa Electric's 2017 Annual Distribution Service Reliability Report as required by Rule 25-6.0342 Florida Administrative Code ("FAC").
3. Tampa Electric's 2017 Annual Wood Pole Inspection Report as required by Docket Nos. 07-0634-EI and 07-0635-TL, Order No. PSC-07-0918-PAA-PU issued November 14, 2007.

A) Initiative 1: Four-year Vegetation Management

Tampa Electric's Vegetation Management Program (“VMP”) incorporates a balanced approach to electrical safety and reliability while adhering to National Electric Safety Code (“NESC”) and the American National Standards Institute ("ANSI") A300 pruning standards. The company manages approximately 6,300 miles of overhead distribution and 1,300 miles of overhead transmission lines over five counties within Florida. Tampa Electric’s current VMP calls for trimming the company’s distribution system on a four-year cycle approved by the Commission in Docket No. 120038-EI, Order No. 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 2017, Tampa Electric conducted comprehensive loading analyses and continued to streamline processes to better manage attachment requests from attaching entities. The comprehensive loading analysis was performed on 1,179 poles and all poles determined to be overloaded will be corrected.

For 2018, Tampa Electric will continue conducting comprehensive loading analyses where necessary.

C) Initiative 3: Transmission Structure Inspection Program

Tampa Electric’s Transmission Structure Inspection Program is a multi-pronged approach that identifies potential transmission system issues.

In 2017, all scheduled inspections were completed. These included the annual ground patrol and substation inspections. The above ground, ground line and aerial infrared inspections for 2017 were completed in 2016.

In August 2016, Tampa Electric identified a scheduling opportunity that enabled the company to perform the above ground, ground line and aerial infrared inspections scheduled for 2017 in late 2016. As a result, the 2017 above ground, ground line and aerial infrared inspections were completed in the last four months of 2016.

For 2018, the ground line, ground patrol, aerial infrared patrol, above ground and substation inspections are scheduled to meet program requirements.

D) Initiative 4: Hardening of Existing Transmission Structures

Tampa Electric continues hardening the existing transmission system in a prudent and cost-effective manner utilizing the company's inspection and maintenance program to systematically replace wood structures with non-wood structures.

In 2017, Tampa Electric hardened 407 structures that included 389 pole replacements utilizing steel or concrete poles and 18 sets of insulators replaced with polymer insulators.

For 2018, Tampa Electric is projecting to harden 58 transmission structures as part of the pole inspection and maintenance program.

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. All transmission, substation and distribution facilities are inputted into the company's GIS.

In 2017, Tampa Electric implemented over 35 changes and enhancements to

the company's GIS system. These changes included data updates, plus metadata and functionality changes, to closer align with business processes and improve user performance.

F) Initiative 6: Post-Storm Data Collection

Tampa Electric's process for post-storm data collection and forensic analysis has been in place for approximately ten years. The company has continued the relationship with outside contractors to perform data collection, forensic analysis, forensic reporting and the following critical components of the plan:

- The establishment of a field asset database
- Implement forensic measurement protocol
- Perform the integration of forensics activity with overall system restoration efforts
- Perform forensic data sampling
- Provide reporting in a standardized format

Should a Category One or greater storm impact Tampa Electric's service area, the overall process will facilitate post-storm data collection and forensic analysis that will be used to determine the root cause of damage occurring to the company's transmission and distribution system.

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

Tampa Electric was impacted by two weather events in 2017. The two named storms were Tropical Storm ("TS") Emily and Hurricane Irma. An established process is in place for collecting post-storm data. 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 2017, Tampa Electric's communication efforts focused on maintaining existing vital government contacts and continued participation on standing disaster recovery planning committees. Tampa Electric continues to be involved in improving emergency response to vulnerable populations. In addition, the company also participated in joint storm exercises with the Florida Public Service Commission ("FPSC"), the Florida Division of Emergency Management ("FDEM"), the City of Tampa ("COT"), as well as Hillsborough, Pasco, Pinellas and Polk Counties.

I) Initiative 9: Collaborative Research

Tampa Electric is participating in a collaborative research effort with the state's other investor-owned, municipal and cooperative electric utilities 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. The Memorandum of Understanding ("MOU") was signed with PURC in December 2015 which expires on December 31, 2018 allowing this collaborative research to cover the three-year period of the current Commission approved Storm Hardening Plan.

In 2017, the Steering Committee organized a web-based workshop for over 40 participants from the Project Sponsors hosted by the University of Florida. The workshop was held to orient new members on the model of the costs and benefits of storm hardening strategies and to discuss the integration of data from recent storm activities.

The presenter for the workshop was Ted Kury from PURC. Ted gave an

overview of the model and described the overall flow of the simulation element. He then described the 115 different inputs to the model and demonstrated where to find them. Next, he demonstrated a test run of 50 hurricane years for the state and demonstrated how the model illustrates the shift in the probability distribution of the outcome variables. Finally, he demonstrated the model's ability to simulate single hurricanes, both historical and hypothetical.

Following the demonstration, the members discussed strategies for adding data from recent storm experiences to the model.

J) Initiative 10: Disaster Preparedness and Recovery Plan

Tampa Electric Emergency Management plans address all hazards, including extreme weather events. Tampa Electric follows the policy set by TECO Energy for Emergency Management and Business Continuity which delineates the responsibility at employee, company and community levels.

In 2017, Tampa Electric participated in the following disaster preparedness and recovery plan activities which included in-depth coordination with local, state and federal emergency management in the following areas:

- Principal member of the National Fire Protection Association ("NFPA") 1600 – Committee on Business Continuity, Emergency Management and Disaster Recovery
- Member of the Edison Electric Institute ("EEI") Business Continuity Leadership Team
- Member of the EEI Mutual Assistance Committee
- Member of the Electric Subsector Coordinating Council ("ESCC") Leadership Working Group
- Member of the Local Mitigation Strategy ("LMS") and Vulnerable Population Committees

- Member of the GridEx Working Group ("GEWG") for the planning and development of GridEx IV exercise design plan and exercise scenario; Co-chair of the Physical Security GEWG Subteam
- Member of the Critical Facility Working Group to review restoration priorities
- Member of the Southeastern Electric Exchange ("SEE") Mutual Assistance Committee
- Member of the SEE Logistics Subcommittee
- Member of the Florida Emergency Preparedness Association ("FEPA")

Tampa Electric continues to participate in internal and external preparedness exercises, collaborating with government emergency management agencies, at local, state and federal levels.

For 2018, Tampa Electric will continue in leadership roles in county and national preparedness groups: Hillsborough County and the COT PDRP, EEI, FEPA, ESCC, and the NFPA 1600 Committee on Emergency Management, Business Continuity and Disaster Recovery. In addition, Tampa Electric will continue to be active participants in LMS, Vulnerable Population Committee, SEE's Mutual Assistance Committee and Logistics Subcommittee, EEI Mutual Assistance Committee, as well as the Critical Facility Working Group. Tampa Electric will also continue to promote growth of its website, Twitter and Facebook followers.

K) Wood Pole Inspection Program

Tampa Electric's Ground Line Inspection Program for the company's transmission, distribution and lighting poles is based on the requirements of the NESC and is designed to inspect the entire pole population every eight years. Tampa Electric manages a total pole population of approximately 409,000 over the company's entire service area. Out of this population, there

are approximately 285,000 distribution and lighting wood poles and 26,000 transmission poles appropriate for inspection for a total pole inspection population of approximately 311,000 over five counties within Florida.

In 2017, available resources and earlier scheduling have enabled Tampa Electric to complete additional pole inspections over the first three years of the company's second cycle to remain on schedule to meet the eight-year inspection plan. Tampa Electric did not schedule or perform any wood pole inspections in 2017. Tampa Electric will resume wood pole inspections in 2018 to continue to meet the eight-year wood pole inspection cycle.

SECTION I - Storm Preparedness Plans

A) Initiative 1: Four-year Vegetation Management

1) Program Overview

Tampa Electric's VMP 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 facilitates the VMP with an emphasis on critical trimming needed in areas identified by the company's reliability based methodology.

In 2017, Tampa Electric continued the four-year trim cycle in which the tables in Section D of the Appendix show the trimmed miles on a system-wide basis as well as by specific service area.

2) Description of Vegetation Management Program

In 2017, Tampa Electric's VMP utilized eight full-time company employees and approximately 146 contracted tree trim personnel to manage the company's distribution tree trimming requirements. The company's VMP utilizes ANSI A300 standards which are implemented through Tampa

Electric's Transmission and Distribution Line Clearance Specifications. This comprehensive document covers specifications related to operations, notification guidelines, tree trimming and removal, chemical application, targeted completion dates, overtime and non-compliance.

In 2017, Tampa Electric utilized approximately 24 contracted tree trim personnel to manage the company's transmission tree trimming requirements. In addition, Tampa Electric's Transmission Vegetation Management Program ("TVMP") continues to comply with the North American Electric Reliability Corporation ("NERC") standard for Transmission Vegetation Management FAC-003-3.

For 2018, Tampa Electric has 195 dedicated distribution tree trim personnel throughout the company's seven service areas. These dedicated resources are broken out into two categories: Proactive and Reactive. The proactive resources are utilized for circuit tree trimming activities and consist of 171 personnel. The reactive resources consist of 24 personnel and are employed for hotspot trims, customer requested work and work orders associated with circuit improvement process. Lastly, Tampa Electric has 24 dedicated personnel responsible for the vegetation management of the company's transmission system.

3) Summary of Past and Future Activities

In 2017, 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 VMP which optimizes activities from both a reliability based and cost-effective standpoint within the company's overall VMP.

For 2018, Tampa Electric will continue to review current reliability-based information and pertinent field and customer information along with the company's annual trimming plan to maximize the overall effectiveness of the company's VMP.

4) Tree-related Terms and Definitions

Tampa Electric utilizes the following three tree-related terms and definitions:

- Hazard tree - A dead, diseased, or damaged tree with the potential to impact the distribution or transmission facilities.
- Top for removal - A tree that must be cleared to a safe distance from the overhead electrical facilities for property owner removal.
- Hotspot trimming - Any internal or external customer driven request for tree trimming. Therefore, all tree trim requests outside of full circuit trimming activities are categorized as hotspot trims.

5) Criteria Used to Select a Vegetation Management Response

Tampa Electric's Line Clearance arborists, in conjunction with a contracted tree trim general foreman, evaluate whether to remove a tree, hotspot 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, any tree which cannot be trimmed in accordance with ANSI A300 standards is considered for removal. On occasion, Tampa Electric has replaced a tree with a more suitable tree at the company'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 website 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 inside and outside utility easements

and Rights of Way ("ROW") utilize a variety of methods to determine the corrective actions to be taken on a case-by-case basis.

Inside utility easements, where tree and/or brush removal is required to complete the maintenance activity Tampa Electric's tree trimming practices, the contractor or company representative is required to make every reasonable effort to notify the property owner(s) prior to removing and/or chemically treating any trees or brush.

Outside utility easements and ROW, 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 from property owners prior to removing and/or chemically treating any trees or brush. Instances where removal is not possible, Tampa Electric will clear to the extent of the company's distribution Line Clearance specifications.

7) Relevant Utility Tariffs

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

8) Company Practices Regarding Trimming Requests

Most external based requests for tree trimming are routed to representatives in Tampa Electric's Customer Service - One Source Department for input into the work order management system. Work orders are received by Tampa Electric's Line Clearance personnel and assigned to tree trim contractors for a field inspection. Once the field inspection is complete, proper action is taken to satisfy the customer(s) request. These actions include communicating directly with the customer on-site or leaving a door hanger with detailed tree trimming information.

In 2017, approximately 73 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 were the responsibility of other utilities.

9) Local Community Participation

Tampa Electric continued 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 local government and community partners, has developed tree-planting guides, which minimizes the company's tree trimming activities. Moreover, Tampa Electric's Line Clearance Department holds periodic meetings with local governments and communities related to vegetation management.

In 2017, Tampa Electric partnered with Hillsborough County Schools for Arbor Day where company arborists spoke about the importance of Right Tree, Right Place and handed out oak seedlings to students at Buckhorn Elementary. Tampa Electric also served on the Hillsborough County's Tree and Landscape Advisory Committee and the City of Tampa's Natural Resources Advisory Committee.

During the fourth quarter 2017, Tampa Electric submitted its renewal application to the National Arbor Day Foundation's Tree Line USA Program and expects to receive endorsement in the first quarter of 2018. This will be the tenth consecutive year Tampa Electric has received the National Arbor Day Foundation's prestigious Tree Line USA Program designation.

10) Hazard Tree Program and Related Information

Tampa Electric utilizes its work order management system to document hazard trees and top for removals that are reported by customers and confirmed by Tampa Electric. Criteria, such as ownership, location and

potential impact to the electrical facilities, are used to determine whether Tampa Electric will remove the tree or perform a top for removal. Tampa Electric does not specifically track the removal or identification of all hazard trees or top for removals including hazard trees or top for removals that are addressed during Tampa Electric's regular maintenance cycle or during outage restoration.

11) Conclusion

Tampa Electric has set forth an aggressive program to effectively operate and manage the company's overall VMP and will continue to enhance the level of communication and coordination with local governments and communities.

For 2018, the company will continue to operate the VMP on a four-year cycle in accordance with Commission approved Docket No. 120038-EI, Order No. PSC-12-0303-PAA-EI, issued June 12, 2012.

B) Initiative 2: Joint Use Pole Attachments Audit

1) Overview

In 2017, Tampa Electric conducted comprehensive loading analyses and continued to streamline processes to better manage attachment requests from attaching entities. A comprehensive loading analysis was performed on 1,179 poles and all poles determined to be overloaded will be corrected.

For 2018, Tampa Electric will continue conducting comprehensive loading analyses where necessary.

2) Joint Use Agreements

Due to the size of Tampa Electric's service area and the number of poles the company has, there will always be the potential for unknown foreign attachments to exist on facilities which could place additional loading on a facility which may create an overload situation. To help mitigate these

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 the company's 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.

In 2017, Tampa Electric reviewed all known attachment records and verified that the company has joint use agreements with all attaching entities. Tampa Electric added four new third party agreements for a total of 35 joint use agreements with attaching entities.

For 2018, Tampa Electric's Joint Use Department will continue working with third party attachers on new attachment agreements.

3) Tampa Electric's Joint Use Department

Tampa Electric's Joint Use Department strives to ensure the poles are not overloaded and meet the NESC or Tampa Electric Standards, whichever is more stringent, in an effort to lessen storm related issues on poles with joint use attachments. All joint use agreements require attaching entities to apply for and gain permission to make attachments to Tampa Electric's poles. 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. The company also uses National Joint Utility Notification Systems ("NJUNS") for the purpose of improving the coordination and notification process with attaching entities.

In 2017, Tampa Electric processed 79 pole attachment applications for 3,225 poles. As a result, the company identified eight distribution poles that were overloaded due to joint use attachments and 35 poles were overloaded due to Tampa Electric's attachments. Out of the 3,225 poles that were assessed through the pole attachment application process and the comprehensive loading analysis, there were 545 poles that had NESC violations due to joint use attachments and 121 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.

In 2017, effort was made by third party "attachers" to notify Tampa Electric of poles planned for over-lashing. Over-lashing is one specific area of concern which is when a joint use entity attaches to an existing attachment without prior Tampa Electric engineering and authorization. This concern continues to be mitigated through a stipulation agreement signed in 2010 whereby the attaching entities agreed to submit notification of all proposed over-lashed attachments to Tampa Electric.

For 2018, Tampa Electric's Joint Use Department will continue working with small cell companies to finalize attachment agreements. Tampa Electric expects to have small cell deployment begin across the company's entire service territory.

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

Tampa Electric's pole inspection program continues to align with two

initiatives implemented in 2008. These initiatives are the Comprehensive Loading Analysis and the Pole Attachment Audit.

During the inspection process, poles are screened to identify those potentially overloaded. The poles screened included those with joint users attached. A comprehensive loading analysis was performed by Tampa Electric to determine if an overloading condition exists. If any pole is found overloaded, the company's 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 Extended and Tapered Truss ("E-T Truss").

Tampa Electric's Joint Use Department completed the last pole attachment audit in 2014 and will prepare to initiate the next pole attachment audit in the last quarter of 2018. 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 2017, Tampa Electric's Joint Use Department continued ensuring the performance of the Comprehensive Loading Analysis Initiative and the processes for facilitating pole attachments were efficient to both the attaching entities and the company.

For 2018, Tampa Electric's Joint Use Department is prepared to effectively handle the anticipated start of small cell deployment by attachers to the company's poles and will continue to look for more efficient processes for attaching entities as well as the Comprehensive Loading Analysis Initiative.

C) Initiative 3: Eight-year Inspection Cycle for Transmission Structures

1) Overview

Tampa Electric's 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 and eight-years depending on the goals or requirements of the individual inspection activity. Formal inspection activities included in the program are ground line, ground patrol, aerial infrared patrol, above ground and substation inspections. Typically, the ground patrol, aerial infrared patrol and substation inspections are performed on one-year cycles. The ground line and above ground inspections are performed on an eight-year cycle. Additionally, pre-climb inspections are performed prior to commencing work on any structure.

2) Ground Line Inspection

Tampa Electric has continued the company's ground line inspection program that complies with the Commission's order requiring ground line inspection of wooden transmission structures. In addition, Tampa Electric has been including provisions in the Ground Line Inspection Program to identify deficiencies with non-wood structures. Ground line inspections are performed on an eight-year cycle. Each year approximately 12.5 percent of all transmission structures are scheduled for inspection.

The 2017 ground line inspections were completed in 2016 as reported to the commission last year.

For 2018, ground line inspections are planned on approximately 12.5 percent of all transmission structures.

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 2017, all 230 kV, 138 kV and 69 kV circuits were patrolled by ground at least once. The cost for the 2017 ground patrol inspections was $125,188.

For 2018, 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 2018. Transmission circuits are typically scheduled to be patrolled by level of system criticality, with the most critical circuits patrolled first. The 2018 budget for the ground patrol inspections is $133,554.

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. Since many of these structures are on limited access ROW, this aerial inspection provides a frequent review of the entire transmission system and helps identify potential reliability issues in a timely manner.

The 2017 aerial infrared patrol was performed in 2016 and reported last year.

For 2018, the aerial infrared patrol is planned on the entire transmission system.

5) Above Ground Inspections

Above ground inspections will continue to be performed on transmission structures on an eight-year cycle; therefore, each year approximately 12.5 percent or one-eighth of transmission structures are inspected. This inspection is performed either by internal team members or contractors specializing in above ground power pole inspections and may be performed by climbers, bucket truck, helicopter or Unmanned Aerial Systems ("UAS"). 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 2017, above ground inspections were performed in 2016 and reported last year.

For 2018, above ground inspections are planned on approximately 12.5 percent of all transmission structures.

6) Substation Inspections

Substation inspections consist at a minimum of an annual inspection of all transmission substations as well as sample and perform dissolved gas analyses annually for all transmission system autotransformers. These inspections identify equipment deficiencies and the information is entered into a maintenance database. The database is reviewed by substation leadership for prioritization and facilitation of the remediation process across Tampa Electric's system.

In 2017, substation inspections were performed on all transmission substations.

For 2018, 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 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 maintenance 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 the company's 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.

In 2017, Tampa Electric hardened 407 structures at a cost of $9.96 million. This included 389 pole replacements with steel or concrete poles and 18 sets

of insulators replaced with polymer insulators.

For 2018, Tampa Electric plans to harden 58 transmission structures as a part of the pole inspection and maintenance program with a budget of $2.3 million. This includes 58 structure replacements with steel or concrete poles as well as replacing insulators with polymer insulators as needed.

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 2017, over 35 changes and enhancements were implemented in the GIS system. These changes included data updates, plus metadata and functionality changes to better conform to business processes and improve the user experience.

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.

Tampa Electric has an ongoing activity directed toward improving the functionality of the company's GIS. User improvement requests are forwarded to Tampa Electric's GIS User's Group, which meets regularly to review, evaluate and recommend enhancements for implementation.

2) Conclusion

Tampa Electric has fully integrated GIS into the company's 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 2017, as in prior years, many improvements and enhancements were implemented.

For 2018, Tampa Electric expects to identify more opportunities to continue to enhance and improve the company's GIS.

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 post-storm forensic analysis resulting from a Category One or greater storm. Its purpose is to determine the root cause of storm damage on a significant part of the company's service area after a major storm.

2) Establishment of Forensics Measurements

In 2017, Tampa Electric revised the database that was constructed by a consultant in 2007 for the establishment of forensics measurements. The consultant used the company's existing data sources and built a database of distribution facilities on a geographic basis of Tampa Electric's service areas. The database is updated on an annual basis with the company's transmission and distribution facilities. Tampa Electric will continue utilizing the consultants to collect data and facilitate the completion of the database to provide 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. 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 impacted (leaning poles and damaged other equipment) and broken poles. 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 2017, Tampa Electric revised the database that was constructed by a consultant in 2007 for the establishment of post-storm forensics

measurements. The consultant used the company's existing data sources and built a database of transmission and distribution facilities on a geographic basis of Tampa Electric's service areas. The database was updated in 2017 with the company's transmission and distribution facilities.

Tampa Electric also utilizes a pole database that 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 and a number of other important factors and variables used for forensic analysis.

The pole 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

Tampa Electric currently utilizes two separate contractors to perform the forensic and restoration process integration. The first consultant is used for data gathering immediately following a Category One or greater storm impacting the company's service area. The second consultant is used to conduct the actual forensic analysis on the data captured from the large storm event. As a Category One or greater storm approaches, the consultants will be notified that a request to mobilize may be imminent when Tampa Electric activates the company's Incident Command System ("ICS"). 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 consultants will be made by the company in conjunction with the decision to mobilize foreign crews for restoration work.

Prior to data collection, the consultants 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 only, 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 computer 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

Following a storm resulting in significant system damage, Tampa Electric will work with the consultant to perform the initial damage 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 direct the areas in which samples should be collected. The consultant will use weather reports and wind data 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 provided in 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 an established process in place to gather the necessary data for forensics analysis following a Category One or greater storm that significantly impacts the company's service area. This data will be used to determine the root cause of damage after a storm event.

In 2017, Tampa Electric initiated the performance of a forensic analysis for Hurricane Irma. The report will be completed by the Forensics consultant and will be submitted to the FPSC upon completion.

For 2018, 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 contractors.

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

1) Overview

Tampa Electric was impacted by two weather events in 2017. The two named storms were TS Emily and Hurricane Irma. An established process is in place for collecting post-storm data. 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 2017 activities with local governments in support of ongoing programs, storm preparation and plans for 2018. This information is represented in the matrix provided in Appendix D.

1) Communication Efforts

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

In 2017, Tampa Electric's Emergency Management Department communication efforts continued to focus on local, state and federal governments and agencies for all emergency management missions. Tampa Electric was invited to participate in local, state and federal government drills. In addition, Tampa Electric played an integral role in developing the NERC GridEx IV exercise design plan and scenario. Other communication topics in 2017 included updating governmental officials of the company's transmission line inspections, structural upgrades and providing information on undergrounding overhead distribution lines.

In 2017, community focused communications included pre-hurricane season news releases to all major media outlets that serve Tampa Electric customers. All releases were also posted on Tampa Electric's website. Hurricane guides were published in several major newspapers including the Tampa Tribune, Lakeland Ledger and the Winter Haven News Chief. In addition, Tampa Electric in partnership with Hillsborough County, promoted the national flood insurance program to county residents through the company's news and on power bills.

2) Storm Workshop and Training with Local Government

In 2017, Tampa Electric participated with government officials in joint storm exercises with the FDEM, the FPSC, the COT, as well as Hillsborough, Pasco, Pinellas and Polk Counties.

3) Emergency Operations Centers – Key Personnel Contact

In 2017, one named tropical weather event triggered all local county and municipal agencies to open their EOC at either full or partial activation levels to support emergency response activities. Specifically, Tampa Electric activated its EOC personnel to support emergency operations for Hurricane Irma. The table below shows the activation levels for the tropical weather event by county or municipal EOC which covers Tampa Electric's service area:

EOC	Hurricane Irma Activation Level
City of Oldsmar	Full
City of Plant City	Full
City of Tampa	Full
City of Temple Terrace	Full
Hillsborough County	Full
Pasco County	Full
Pinellas County	Full
Polk County	Full

Local and County EOCs did not activate for TS Emily.

Tampa Electric continues to work with local, state and federal governments to streamline the flow of information and incorporate lessons learned to restore electric service as quickly and as safely as possible. Prior to June 1st of each year, the company's Emergency Response Plan is reviewed and updated to ensure Tampa Electric representatives are fully trained to support EOC activation.

4) Search and Rescue Teams – Assistance to Local Government

In 2017, Tampa Electric deployed search and rescue teams to local governments in support of Hurricane Irma. Specifically, Tampa Electric provided linemen and vehicles to the Cities of Tampa and Temple Terrace as well as to Hillsborough County.

5) Tree Ordinances, Planting Guides and Trim Procedures

In previous years, Tampa Electric Line Clearance personnel communicated with municipal officials on several projects. Some of these projects include providing guidance to planning boards on changes to their landscaping ordinance, and covered issues including ROW landscaping issues, as well as assisting in the production of public information shows for radio and television.

In 2017, several discussions between Tampa Electric and the City of Tampa took place in revising existing tree ordinances.

For 2018, the company's Manager of Line Clearance will continue to work with Tampa Electric's 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-storm and post-storm events and to better coordinate the company's tree trimming procedures with governmental ordinances.

6) Underground Conversions

Over the past five years, the Dana Shores Civic Association and Tampa Electric have been working with Hillsborough County to create a Municipal Service Benefit Units ("MSBU") ordinance. The ordinance would allow neighborhoods to set up self-elected taxing districts that would fund capital upgrade through annual Ad Valorem taxes. Tampa Electric employees have attended several meetings with officers of the association, county officials, as well as regular association meetings to provide assistance. These meetings

have also created interest in other neighborhoods, such as the City of Tampa, for the possibility of converting portions of the system to underground. 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. In 2015, the ordinance was passed by the County Commission and the Dana Shores Civic Association leadership continues to work on getting the necessary neighborhood consensus documentation to put the County's processes in motion. The construction for this underground conversion is projected to start in 2018. Other similar conversations have begun within other communities within the company's service area such as Palma Ceia, Avila and Cardenas Avenue.

7) Conclusion

For 2018, Tampa Electric will continue to focus its government communication efforts in providing governmental officials with the company's emergency response contacts, to review the company's Emergency Response Plan, incorporate lessons learned and to validate restoration priority for critical facilities. In addition, Tampa Electric will continue communicating storm preparedness information to customers through its annual media pre-hurricane season press release. Tampa Electric will also continue to train the company's EOC representatives and designated search and rescue personnel.

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

Final Report dated February 2018

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). The third extension of this MOU was approved last year by the Research Collaboration Partners and now extends through December 31, 2018.

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 2017.

II. Steering Committee Workshop

On December 5, the Steering Committee organized a web-based workshop for over 40 participants from the Project Sponsors hosted by the University of Florida. The workshop was held to orient new members on the model of the costs and benefits of storm hardening strategies and to discuss the integration of data from recent storm activities.

The presenter for the workshop was Ted Kury. He first described the model and the overall flow of the simulation element. He then described the 115 different inputs to the model and demonstrated where to find them. Next, he demonstrated a test run of 50 hurricane years for the state and demonstrated how the model illustrates the shift in the probability distribution of the outcome variables. Finally, he demonstrated the model's ability to simulate single hurricanes, both historical and hypothetical.

Following the demonstration, the members discussed strategies for adding data from recent storm experiences to the model.

III. 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.

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 the University of Wisconsin and North Carolina State University with an interest in the model, though no additional relationships have been established. In addition to universities, PURC was again contacted by researchers at the Argonne National Laboratory who expressed interest in modeling the effects of storm damage. The researchers developed a deterministic model, rather than a probabilistic one, but did use many of the factors that the Collaborative have attempted to quantify. They are currently working to incorporate stochastic elements into their model and have consulted PURC for guidance. Every researcher that contacts PURC cites the model as the only non-proprietary model of its kind.

The research discussed in previous years' reports 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.

IV. 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, it was renewed in April 2017 and will renew automatically annually on the effective date for an additional one year period, unless terminated by the parties to the agreement.

V. Public Outreach

In last year's report we discussed the impact of increasingly severe storms on greater interest in storm preparedness. PURC researchers continue to discuss the collaborative effort in Florida with the engineering departments of the state regulators in Connecticut, New York, and New Jersey, Pennsylvania, and regulators in Jamaica, Grenada, Curacao, Samoa, and the Philippines. 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. PURC researchers also engaged with the popular media in preparation for, and in the wake of, Hurricane Irma.

VI. 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) 2017 Emergency Management Summary

In 2017, Tampa Electric worked with the local governments within the company's service areas to further enhance dialogue and seek opportunities to partner in training. As in the past, the company provided local communities with public service information at the beginning of storm season via local news media. During the State of Florida's mock hurricane exercise, Tampa Electric's Emergency Response Team tested its response and communication plans.

Prior to June 1, 2017, all emergency support functions were reviewed, personnel trained, and the Incident Command System ("ICS") Logistics and Planning Section plans were tested.

2) 2018 Emergency Management Activities and Budget

For 2018, the company's Emergency Response Plan will be reviewed prior to hurricane season to ensure it is up to date and ready for the 2018 storm season. Tampa Electric's Emergency Management budget for 2018 is $571,666, which will be used to cover labor costs, preparedness resources such as emergency notification system, weather services, resilience management products, internal and external training, exercises to test plans and the following initiatives to enhance capabilities:

- Tampa Electric Emergency Preparedness Fair with representation from government agencies, and support additional external county fairs
- Annual cyber security exercise
- Retain and train additional Tampa Electric Certified Business Emergency Response Team ("BERT") members
- Continue to participate in the NFPA 1600 EM-BC Standard Committee
- Participate in local, state and federal emergency management and

business continuity forums

- Participate in the SEE Mutual Assistance Committee
- Participate in the SEE Logistics Subcommittee
- Participate in the EEI Mutual Assistance Committee
- Support of Hillsborough County in communicating the national flood insurance to county residents
- Support the ESCC strategy
- Support Hillsborough County and the COT PDRP planning, State of Florida Division of Emergency Management and Department of Homeland Security ("DHS")
- Participate in the Critical Facilities Working Group to support the review of restoration priorities for critical facilities
- 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
- Support the Hillsborough County LMS Working Group
- Participate in public/private storm related exercises
- Attend annual FEPA Conference
- Conduct all-hazards internal preparedness exercises and training sessions using the company ICS model to test plans
- Participate with the City of Tampa in their "Push team" (debris cleaning) exercise

3) 2017 Energy Delivery Emergency Management

In 2017, Tampa Electric's Energy Delivery Department was involved in many activities throughout the entire storm season.

In April 2017, the department conducted an Incident Base Exercise for all company Incident Base personnel. The exercise was based on a Category

Four hurricane with 140 miles per hour ("mph") winds coming up the mouth of Tampa Bay resulting in 75 percent of Tampa Electric's customers being out of power and the arrival of 4,075 foreign crew personnel. In addition to exposing all participants to an Incident Base setup/situation, this exercise covered onboarding, logistics, ICS, Incident Base layouts, Incident Base safety, assignments, working conditions, workflow and the handling of foreign crews. Observers from Tampa Electric's sister companies in Canada, Maine and the Caribbean attended the exercise to share ideas and practices from their companies.

Tampa Electric's Emergency Management Department also served as lead representative for the company in the development of a state wide Mutual Assistance agreement. To date, agreements have been signed with seven municipalities.

Tampa Electric annually reviews sites for incident bases and staging sites which ensure primary and backup locations for distribution, transmission, and materials. Additionally, logistical needs and equipment requirements are reviewed for each incident base site. Throughout Tampa Electric's service territory, the company is constantly developing and maintaining relationships with property owners for potential incident bases and staging sites. Energy Delivery also annually reviews existing purchase orders and contacted vendors who would assist the company with restoration efforts. All of these activities were performed in 2017.

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

4) Mutual Assistance

In 2017, Energy Delivery participated in numerous conference calls with other SEE utilities regarding tropical storm and ice events. The company's participation in these calls was to both request and offer mutual assistance to assist in restoration activities.

In March 2017, Tampa Electric deployed 61 team members to Long Island to assist in the restoration process from outages caused by a winter storm.

In August 2017, Tampa Electric deployed two team members with amphibious vehicles to Houston to assist Centerpoint Energy with restoration efforts resulting from Hurricane Harvey.

In September 2017, Tampa Electric secured a total of 3,408 SEE and non-SEE resources to assist in the restoration process from outages caused by Hurricane Irma.

In November 2017, Tampa Electric deployed 53 team members to Boston to assist National Grid with restoration efforts resulting from a winter storm. Tampa Electric also deployed six team members to Bangor, Maine to assist Emera Maine with restoration efforts resulting from the same winter storm. After being released by National Grid, approximately one-half of those team members traveled on to Maine to provide additional assistance to Emera Maine.

5) Mutual Assistance Lessons Learned

In 2017, Tampa Electric both provided and received mutual assistance for restoration efforts due to being impacted by storm events. During this assistance, Tampa Electric learned many lessons that will help improve the

company's existing Emergency Management plan and reinforced several existing provisions already contained within the plan. Most of the lessons learned resulted from Hurricane Irma. Some of the common lessons learned themes from Mutual Assistance activities in 2017 include:

- Use of the "Gateway" model to initially process and orient foreign resources
- Efficiently handling and directing large numbers of foreign resources
- Handling logistics for large numbers of foreign resources
- Coordinating the flow of information for ETRs

6) 2018 Energy Delivery Emergency Management

For 2018, Tampa Electric's Energy Delivery Department 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.

Tampa Electric's Energy Delivery Department is currently planning the next mock storm exercise. Tentative plans are to conduct several focused exercises along with another Incident Base exercise. Follow-up items and lessons learned will be recorded. In addition, the company will utilize a new crew tracking and managing software that is scheduled to be implemented that will facilitate not only blue-sky crew management but allow for better tracking and allocation of foreign crews. Tampa Electric's Energy Delivery Emergency Management Plans will be updated to incorporate this new functionality.

Prior to hurricane season, Tampa Electric's 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 2016-2018 Storm Hardening Plan was approved by the Commission in Docket No. 160105-EI, Order No. PSC-16-0569-PAA-EI, issued December 19, 2016 and finalized by Consummating Order No. PSC-17-0023-CO-EI issued January 12, 2017. 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 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 2017, a total of 16 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 of mostly 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 as approximately 2,500 hotel rooms and 6.5 million square feet 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 network vaults contain two network transformers and two network protectors. In 2017, a total of 64 network protectors were tested and 14 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) Extreme Wind Pilot Projects

As part of Tampa Electric's previous storm hardening plans, the company hardened to extreme wind criteria the following portions of the company's service area:

- Distribution systems for two critical facilities, namely, the Port of Tampa and Saint Joseph's Hospital.
- Distribution circuits for two feeders to the City of Tampa Tippins Water Treatment Plant.

No additional extreme wind hardening efforts were conducted in 2017. Tampa Electric did not have significant hurricane force winds from Hurricane Irma to test the extreme wind hardened structures. Tampa Electric will continue to monitor these projects to determine the effectiveness of these types of hardening efforts and their appropriateness for broader system deployment.

4) Underground Equipment Construction Standard

Tampa Electric's standard specifies the use of stainless steel transformers and switchgear. Tampa Electric will continually evaluate and implement reliable and cost-effective options that improve the performance of all underground installations exposed to harsh conditions.

In 2017, Tampa Electric continued the implementation standard for replacing live-front switchgear. The new specification standard converts live-front switchgear with dead-front switchgear when replacement is necessary. The use of dead-front switchgear is also being deployed in all new installations. The dead-front switchgear provides greater protection from service interruptions due to animals and harsh environments.

5) Coordination with Third Party Attachers

Tampa Electric continually conducts in-house and site meetings in advance with third party attachers to discuss hardening projects as well as coordination between companies. Communication has been the key to success in resolving any potential conflicts that have been brought to Tampa Electric's attention. Coordination with third party attachers will continue to play a vital role in achieving continued positive and productive results.

SECTION II - Storm Season Ready Status

A) Storm Season Ready Status: 2017 Accomplishments

1) Transmission

In 2017, 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 eight-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.

In 2017, Tampa Electric also hardened 407 structures that included 389 pole replacements utilizing steel or concrete poles and 18 sets of insulators replaced with polymer insulators.

2) Vegetation Management

In 2017, Tampa Electric continued to maximize the effectiveness of the company's VMP 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 2017, have better prepared Tampa Electric for future storm seasons.

3) Updated and Reviewed Circuit Priority

In 2017, Tampa Electric continued to work with county and municipal agencies in reviewing and updating the restoration priorities following established procedures. In addition, enhancements were made to Tampa Electric's GIS to capture critical facility identification and restoration priority information.

4) Capacitor Maintenance Program

In support of maintaining balanced voltage to both the transmission and distribution systems and in maintaining the interconnection power factor with Tampa Electric's neighboring utilities, the company continued its capacitor maintenance program in 2017. The company remotely monitors capacitor banks and when apparent problems were identified, a Tampa Electric field crew was dispatched to resolve any operational problems. In 2017, the company conducted field visits to 428 capacitor banks and made repairs as needed.

For 2018, 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 continues to make aggressive efforts to make capacitor bank repairs during the spring of 2018. 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. For 2018, the company estimates that approximately 565 capacitor banks will be field visited, tested and repaired if needed.

5) Increased Equipment Inventory

Tampa Electric's process for equipment inventory requires a review prior to hurricane season of each year. The company reviews the current level of

inventory in stock and then increases the inventory prior to the hurricane season. The stock increase secures a full four-day supply of overhead distribution supplies, parts and materials such as splices, fuses, connectors, service clamps, brackets, wire, poles, transformers, etc. This increase in stock ensures that Tampa Electric has enough inventory on hand to handle the immediate need for replacement supplies, parts and materials if a major restoration weather event occurs. The company has procurement contracts in place that will provide additional supplies, parts and materials that will be delivered within four days of landfall. These replacement supplies, parts and materials will replenish required stock for the duration of the restoration event. Following hurricane season, the level of inventory is managed to return to non-hurricane season levels.

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

In 2017, Tampa Electric continued its communication efforts focusing on maintaining vital governmental contacts and participation on standing disaster recovery planning committees. These committees are standing committees and will continue to meet. Tampa Electric also participated in joint storm exercises with the FDEM, the FPSC, the COT, as well as Hillsborough, Pasco, Pinellas, and Polk Counties.

7) **Secured and Expanded Incident Bases**

Tampa Electric annually reviews the company's current sites for incident bases and staging sites which ensure primary and backup locations for distribution, transmission and materials. Additionally, logistical needs and equipment requirements are reviewed for each incident base site. Throughout Tampa Electric's service territory, the company is constantly developing and maintaining relationships with property owners for potential incident bases and staging sites. Tampa Electric's Energy Delivery Department also annually reviews existing purchase orders and contacts

vendors who would support and assist the company with restoration efforts. All these activities were performed in 2017.

Based on Tampa Electric's experiences in 2017 with Hurricane Irma, incident base reviews will focus on the ability to accommodate large numbers of Foreign Crews.

8) Hurricane Preparedness Exercises

In April 2017, Tampa Electric's Energy Delivery department conducted an Incident Base Exercise for all company Incident Base personnel. The exercise was based on a Category Four hurricane with 140 mph winds coming up the mouth of Tampa Bay resulting in 75 percent of Tampa Electric's customers being out of power and the arrival of 4,075 foreign crew personnel. In addition to exposing all participants to an Incident Base setup/situation, this exercise covered onboarding, logistics, ICS, Incident Base layouts, Incident Base safety, assignments, working conditions, workflow and the handling of foreign crews. Observers from Tampa Electric's sister companies in Canada, Maine and the Caribbean attended the exercise to share ideas and practices from their companies.

9) Post-Storm Data Collection and Forensic Analysis Activities

In 2017, Tampa Electric continued its relationship with its outside consultants 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. Tampa Electric has also included transmission into the company's Forensic Analysis process. In addition, Tampa Electric initiated the performance of a forensic analysis for Hurricane Irma. The report will be completed by the Forensics consultant and will be submitted to the FPSC upon completion.

10) Storm Hardening

See Section K for update to this section.

B) Storm Season Ready Status: 2018 Planned Activities

1) Program Summary

Tampa Electric's 2018 Storm Season Readiness preparation focuses on a number of areas including additional distribution circuit protection equipment installations, pre-storm transmission inspections and maintenance, wood pole inspections and replacements, vegetation management, capacitor maintenance, local government interaction, increased equipment inventory, circuit priority reviews, hurricane preparation exercises, and industry research for best practices and procedures for storm restoration.

2) Transmission Inspections and Maintenance

Prior to hurricane season, all 230 kV, 138 kV and all priority 69 kV circuits will be patrolled with the remaining transmission circuits being completed by the end of 2018.

Tampa Electric plans to change out approximately 58 wood transmission poles throughout the year with steel or concrete structures. Also, Tampa Electric intends to replace existing insulators with polymer insulators as needed, with much of this work being completed prior to the peak of hurricane season.

3) Pole Inspections

In 2016, Tampa Electric identified a scheduling opportunity that would benefit overall reliability. This scheduling opportunity enabled the company to perform all the transmission ground line inspections scheduled for 2017. This scheduling opportunity also enabled the company to complete all the 2017 and a portion of the 2018 distribution and lighting wood pole inspections. This

aggressive inspection schedule will afford Tampa Electric an opportunity to accelerate the upgrade of the transmission and distribution system.

For 2018, Tampa Electric will resume the ground line inspections to ensure the company remains on pace for completing the eight-year inspection cycle. The future inspections coupled with the company's pole replacement program will enhance the storm resiliency of Tampa Electric's transmission and distribution system.

4) Capacitor Maintenance Program

For 2018, 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 will make aggressive efforts to make capacitor bank repairs during the spring of 2018. 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. For 2018, the company estimates that approximately 565 capacitor banks will be field visited, tested and repaired if needed.

5) Communication with Local Governments

Tampa Electric will continue to meet with various governmental agencies to enhance communication and coordination of emergency and vegetation management activities, 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 2017, the company will review and increase storm stock in 2018 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

For 2018, Tampa Electric will continue working with county and municipal agencies in reviewing and updating the restoration priorities for the areas served by the company.

8) Hurricane Preparedness Exercises

Tampa Electric's Energy Delivery department is currently planning the next mock storm exercise. Tentative plans are to conduct several focused exercises along with another Incident Base exercise. Follow-up items and lessons learned will be recorded. In addition, the company will utilize a new crew tracking and managing software that is scheduled to be implemented that will facilitate not only blue-sky crew management but allow for better tracking and allocation of foreign crews. Tampa Electric's Energy Delivery Emergency Management Plans will be updated to incorporate this new functionality.

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. Tampa Electric's 2016-2018 Storm Hardening Plan was filed on May 2, 2016 and approved by the Commission by Consummating Order

PSC-17-0023-CO-EI on January 12, 2017.

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 FPSC for Florida investor-owned electric utilities to harden the electric system against severe weather and unauthorized and unnoticed non-electric pole attachments which affect pole loading.

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 NESC strength requirements.

2) Inspection Cycle

Tampa Electric performs inspections of all wood poles on an eight-year cycle. Tampa Electric has approximately 285,000 distribution and lighting wood poles and 26,000 transmission poles appropriate for inspection for a total pole inspection population of approximately 311,000. 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.

4) Inspection in Conjunction with Other Field Work

As part of day-to-day operations, operation personnel are at times 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.

a) 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 passes the initial visual inspection, the balance of the required inspection methods will be performed.

b) 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.

c) 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 calculated.

For a pole in concrete or pavement where excavation is not possible, Tampa Electric will utilize a 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 discerned 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.

d) Hardware Inspection

The inspector shall inspect all of Tampa Electric's guying, grounding provisions and hardware that is visible from the ground. Any deficiencies or problems will be corrected as directed or reported to Tampa Electric to correct.

e) 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.

f) 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 originally designed to meet loading requirements.

g) 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.

5) 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.

6) Routing of Inspections

a) Distribution

Tampa Electric's distribution system is a radial system with many laterals and service drops. In 2017, the company continued to use the methodology determined to be the most cost-effective and reasonable approach for routing the work by substation and circuit for the performance of the annual inspection program. This approach affords Tampa Electric to better align and coordinate other maintenance activities. Therefore, inspectors will be provided substation and circuit

numbers to guide their inspection routes. All poles associated with selected circuits will be systematically inspected.

b) Transmission

Tampa Electric's transmission system is primarily a network system with few radials. 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.

7) 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.

8) Standards Superseding NESC Requirements

At this time, there are no standards that supersede 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 the annual Pole Inspection Report, as an inclusion to the company's Storm Implementation Plan and Annual Reliability Performance Reports, by March 1st 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) 2017 Accomplishments

Due to Tampa Electric's previous overall inspection activities, the company is currently exceeding the number of wood pole inspections necessary to meet the eight-year inspection cycle for transmission, distribution and lighting wood poles. In 2017, the company did not plan on performing ground line inspections. The ground line inspections will resume in 2018.

In 2017, the Ground Line Pole Inspection Program results include:

- There were no planned transmission, distribution and lighting pole inspections.
- There were no planned transmission, distribution and lighting ground line pole inspections.
- Tampa Electric did not perform any distribution or lighting pole reinforcements.

Expenditures for the 2017 Ground Line Pole Inspection Program include:

- Distribution and lighting ground line pole inspections: $0
- Transmission ground line pole inspections: $0
- Distribution and lighting pole reinforcements: $0

11) 2018 Activities and Budget Levels

For 2018, Tampa Electric will continue performing transmission, distribution and lighting wood pole inspections by circuit with the goal of completing approximately 12.5 percent of the system.

For 2018, the Ground Line Pole Inspection Program goals include:

- 1,285 transmission pole inspections
- 39,500 distribution and lighting wood pole inspections
- 40,785 total transmission, distribution and lighting ground line pole inspections.

Projected expenditures for the 2018 Ground Line Pole Inspection Program include:

- Transmission pole inspections: $60,000
- Distribution and lighting wood pole inspection: $975,000
- Distribution and lighting pole reinforcements: $251,000

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 FPSC 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 FAC

A) 2017 Reliability Performance

1) Overview

Tampa Electric's 2017 distribution reliability indices showed significant improvement in SAIDI, CAIDI, MAIFIe and L-Bar. SAIDI, CAIDI and MAIFIe are the lowest they have been in the preceding five-year comparisons. The improvements in SAIDI, CAIDI and L-Bar are attributed to less severe weather events combined with much quicker restoration times. MAIFIe improved for the second year in a row due to fewer breaker operations. SAIFI and CEMI-5 indices showed unfavorable results in 2017, as compared to 2016. The main contributing factor to these two reliability indices dropping in performance was the increased number of outages the company experienced in 2017, as compared to 2016.

2) Summary

Tampa Electric's actual 2017 SAIDI decreased by 16.13 minutes as compared to 2016 representing a 16.17 percent decrease. The adjusted 2017 SAIDI decreased by 10.44 minutes as compared to 2016 representing a 12.51 percent decrease. Actual 2017 CAIDI decreased by 12.45 minutes as

compared to 2016 representing a 15.55 percent decrease. The adjusted 2017 CAIDI decreased by 11.84 minutes as compared to 2016 representing a 14.30 percent decrease. Actual 2017 SAIFI decreased by 0.01 average events as compared to 2016 representing a 0.80 percent decrease. The adjusted 2017 SAIFI increased by 0.02 percent average events as compared to 2016 representing a 1.98 percent increase. Actual 2017 MAIFIe increased by 1.88 events as compared to 2016 representing a 16.36 percent increase. Adjusted 2017 MAIFIe decreased by 0.42 events as compared to 2016 representing a 4.38 percent decrease. A summary table of Tampa Electric's reliability performance for 2017 compared to 2016 is below:

Tampa Electric's 2017 Reliability Performance Summary				
Actual	**2016**	**2017**	**Difference**	**Percent Change**
SAIDI	99.76	83.63	-16.13	-16.17%
CAIDI	80.07	67.62	-12.45	-15.55%
SAIFI	1.25	1.24	-0.01	-0.80%
MAIFIe	11.49	13.37	1.88	16.36%
L-Bar	211.00	184.29	-26.71	-13.66%
CEMI-5	1.18%	1.75%	0.57%	48.31%
Adjusted	**2016**	**2017**	**Difference**	**Percent Change**
SAIDI	83.43	72.99	-10.44	-12.51%
CAIDI	82.78	70.94	-11.84	-14.30%
SAIFI	1.01	1.03	0.02	1.98%
MAIFIe	9.58	9.16	-0.42	-4.38%
L-Bar	202.57	177.04	-25.53	-12.60%
CEMI-5	0.92%	1.07%	0.15%	16.30%

Tampa Electric experienced an increase of 323 overall outages in 2017 as compared to 2016. Eight primary outage causes in 2017 had an increase in outages and three primary causes had a decrease in outages as compared to 2016. The following eight primary causes had an increase of 1,008 outages as compared to 2016:

- Animals increased by 454
- Vegetation increased by 149
- Other Weather increased by 95
- Down Wire increased by 67
- Electrical increased by 60
- Unknown increased by 41
- Vehicle increased by 38
- All Remaining Causes increased by 4

The following three primary causes had a decrease of 585 outages as compared to 2016:

- Lightning decreased by 493
- Bad Connection decreased by 70
- Defective Equipment decreased by 22

In comparison to the last five-year average, Tampa Electric experienced 31 more events in 2017 representing a 0.32 percent increase. For the 2017 outage causes, four of the eleven categories are lower when compared to the five-year average totals. Here is the listing of how the eleven categories changed as compared to the five-year average:

- Animals increased by 6.86 percent
- Vegetation increased by 9.42 percent
- Lightning decreased by 25.23 percent
- Electrical decreased by 2.78 percent
- Unknown increased by 14.51 percent
- Bad Connection decreased by 10.73 percent
- Down Wire increased by 11.37 percent
- Vehicle increased by 16.30 percent
- Other Weather increased by 28.82 percent

- Defective Equipment decreased by 29.48 percent
- All Remaining Causes increased by 19.37 percent

Tampa Electric currently tracks outage records in the company's Distribution Outage Database ("DOD") according to the date, duration, customer affected, cause, equipment-type, associated field reports, breaker operations, etc., and uses this information to track and report interdepartmental, intercompany and external regulatory request as required.

Tampa Electric 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 service area and major unplanned outages. In addition, Tampa Electric reviews the status of de-energized underground cables, reclosers, online capacitor banks and street lights previously identified as needing maintenance.

In 2017, Tampa Electric continued the company's focus on analyzing distribution circuit performance, including feeders represented on the three percent feeder list, through many different ongoing processes. These processes include tree trimming analysis and circuit analysis.

3) Conclusion

In 2017, Tampa Electric customers experienced a decrease in system average interruption duration, customer average interruption duration, and momentary average interruption frequency.

B) Generation Events - Adjustments

Tampa Electric experienced no outages due to generation events that would

have impacted Distribution Reliability. Because of this, there are no exclusions in the company's 2017 Annual Distribution Reliability Report related to generation outage events.

C) Transmission Events - Adjustments

1) Transmission Outage Summary

In 2017, there were 13 transmission outages that affected customers. These transmission outages included six outages that were due to equipment failures, one outage due to vehicle collision, two outages due to vegetation and four outages due to inclement weather. A total of 687,172 CMI and 42,634 Customer Interruptions ("CI") were excluded from the 2017 Annual Distribution Reliability Report per Rule 25-6.0455.

2) Equipment Failure Outages

There were six outages attributed to insulator, static wire, switch and equipment failures in 2017. The repair or replacement of structures and associated components has been identified and prioritized.

3) Vehicle Collision Outages

There was one outage due to vehicle collision in 2017.

4) Human Error Outages

There were no outages due to human error in 2017.

5) Vegetation Related Outages

There were two outages due to vegetation in 2017. Tampa Electric Linemen have been instructed to report vegetation growth that is near the conductor. Once a location is identified, the Line Clearance department will be contacted to remove the overgrown vegetation.

6) Animal Related Outages

There were no outages related to animals in 2017.

7) Clearance Outages

There were no outages due to insufficient clearance in 2017.

8) Other and Weather Outages

There were four weather related outages in 2017.

9) Transmission Outage Detail

69 kV Circuit

January 2017

Date: 1/23/2017 Circuit: 66095

Customers Affected: 3,654 SAIDI Impact: 14.62 seconds

Discussion: Service was interrupted when a porcelain insulator failed. The insulator was replaced, and the circuit was returned to service.

Event: Localized

February 2017

Date: 2/27/2017 Circuit: 66034

Customers Affected: 4,922 SAIDI Impact: 2.37 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

March 2017

Date: 3/10/2017 Circuit: 66835

Customers Affected: 2,160 SAIDI Impact: 0.22 seconds

Discussion: Service was interrupted when a substation switch insulator failed. Repairs were made, and the circuit was returned to service.

Event: Localized

July 2017

Date: 7/5/2017 Circuit: 66012
Customers Affected: 2,538 SAIDI Impact: 0.32 seconds
Discussion: Service was interrupted due to weather in the area. The weather passed, and the circuit was returned to service.
Event: Localized

Date: 7/12/2017 Circuit: 66419
Customers Affected: 2,457 SAIDI Impact: 12.34 seconds
Discussion: Service was interrupted due to weather in the area. The weather passed, and the circuit was returned to service.
Event: Localized

Date: 7/31/2017 Circuit: 66603
Customers Affected: 7,329 SAIDI Impact: 1.23 seconds
Discussion: Service was interrupted when a tree fell into the conductor, breaking conductor strands and an insulator. The insulator was replaced, conductor was repaired, and circuit was returned to service.
Event: Localized

August 2017

Date: 8/23/2017 Circuit: 66067
Customers Affected: 777 SAIDI Impact: 5.16 seconds
Discussion: Service was interrupted when a switch insulator failed causing damage to the motor mechanism. The motor mechanism and insulators were replaced, maintenance was performed on the switches, and the circuit was returned to service.
Event: Localized

September 2017

Date: 9/10/2017 Circuit: 66024

Customers Affected: 16,148 SAIDI Impact: 8.75 seconds

Discussion: Service was interrupted due to inclement weather associated to Hurricane Irma in the area. The weather passed, and the circuit was returned to service.

Event: Localized

Date: 9/11/2017 Circuit 66016

Customers Affected: 4,743 SAIDI Impact: 10.81 seconds

Discussion: Service was interrupted due to inclement weather associated to Hurricane Irma in the area. The weather passed, and the circuit was returned to service.

Event: Localized

October 2017

Date: 10/1/2017 Circuit 66840

Customers Affected: 2,646 SAIDI Impact: 0.52 seconds

Discussion: Service was interrupted when a tree branch fell on the conductor on another utility's end of the circuit. The branch was removed, and the circuit was returned to service.

Event: Localized

Date: 10/11/2017 Circuit 66033

Customers Affected: 20,064 SAIDI Impact: 7.05 seconds

Discussion: Service was interrupted when a static wire failed. The wire was replaced, and the circuit was returned to service.

Event: Localized

Date: 10/17/2017 Circuit: 66098
Customers Affected: 1,580 SAIDI Impact: 6.90 seconds
Discussion: Service was interrupted when an insulator failed. The insulator was replaced, and the circuit was returned to service.
Event: Localized

Date: 10/26/2017 Circuit: 66419
Customers Affected: 1,836 SAIDI Impact: 5.48 seconds
Discussion: Service was interrupted when a static wire failed. The wire was replaced, and the circuit was returned to service.
Event: Localized

138 kV Circuit

There were no outages on the 138 kV circuits in 2017.

230 kV Circuit

There were no outages on the 230 kV circuits in 2017.

D) Extreme Weather

Tampa Electric experienced one extreme weather event during 2017 which affected transmission customers in the company's service territory.

E) Other Distribution - Adjustments

In 2017, there were 2,891 Other distribution outages that affected customers. A total of 7,020,124 CMI and 156,999 CI were excluded from the 2017 Annual Distribution Reliability Report per Rule 25-6.0455. All outages were attributed to planned events as noted within the 2017 adjustments as provided in the Appendix starting on page 97.

F) Distribution Substation

1) 2017 Distribution Substation Adjustments

In 2017, there were 213 Distribution Substation outages that affected customers. A total of 28,354,829 CMI and 171,148 CI were excluded from the 2017 Annual Distribution Reliability Report per Rule 25-6.0455. All outages were attributed to substation equipment as noted within the 2017 Adjustments: Distribution Substation in Appendix B. This includes data from Hurricane Irma and the restoration efforts from September 10, 2017 through September 15, 2017.

2) Patterns and Trends - Distribution Substation Reliability Performance

In 2017, Substation outages due to circuit breaker mechanism mis-operation contributed the most to SAIDI. Tampa Electric currently has a program in place to replace aging and problematic circuit breakers. Since 2008, the total number of 13 kV circuit breakers that have been replaced through a 13 kV circuit breaker replacement program is 242. In 2017, 30 circuit breakers and associated circuit protection relaying were replaced as part of the company's capital asset replacement program.

In 2017, Substation outages due to animal contact were the second leading contributor to SAIDI. Tampa Electric has installed animal protection on 62 percent of the company's substation equipment. Tampa Electric installed complete animal protection on the 13 kV bus in four distribution substations. As part of all circuit breaker and transformer replacement projects animal protection is installed on all disconnect switches, insulators and terminal bushings within the project clearance points.

The third leading contributor to SAIDI in 2017 can be attributed to relay and control problems. Tampa Electric currently has a program in place to upgrade circuit protection relaying. As mentioned above, 30 circuit breakers and associated circuit protection relaying were replaced as part of the company's capital asset replacement program.

3) Process to Promote Substation Reliability

Tampa Electric's Substation Department utilizes the following processes and activities to determine the actions to promote substation reliability:
Routine substation inspections
Root cause analysis of outages
Track and review of all substation outages

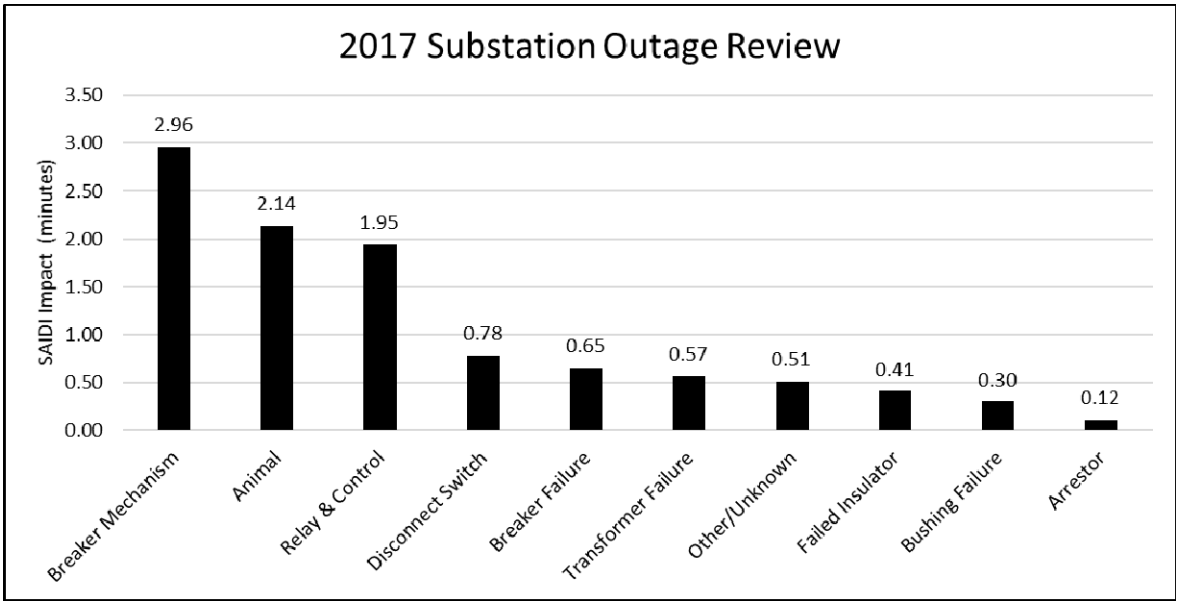
Tampa Electric findings support the following ongoing activities:
Review of all mis-operation of circuit breakers
Installation of animal protection in substations
Install microprocessor-based relays for reclosing in all new construction and upgrade projects
Replace station wide static under frequency relays with feeder based microprocessor under frequency relays in all new construction projects
Replacing 13 kV circuit breakers that have been identified as problem breakers
Increased lightning withstand protection on Tampa Electric Large Autotransformers
An improved standard of all bushings on all new transformers and circuit 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
2013	527
2014	396
2015	377
2016	361
2017	347

Exhibit 1: 2017 Distribution Substation Outages



Note 1: The SAIDI impact excluded from substation outages in 2017 due to Hurricane Irma was 27.20 minutes.

Exhibit 2: 2016 Distribution Substation Outages

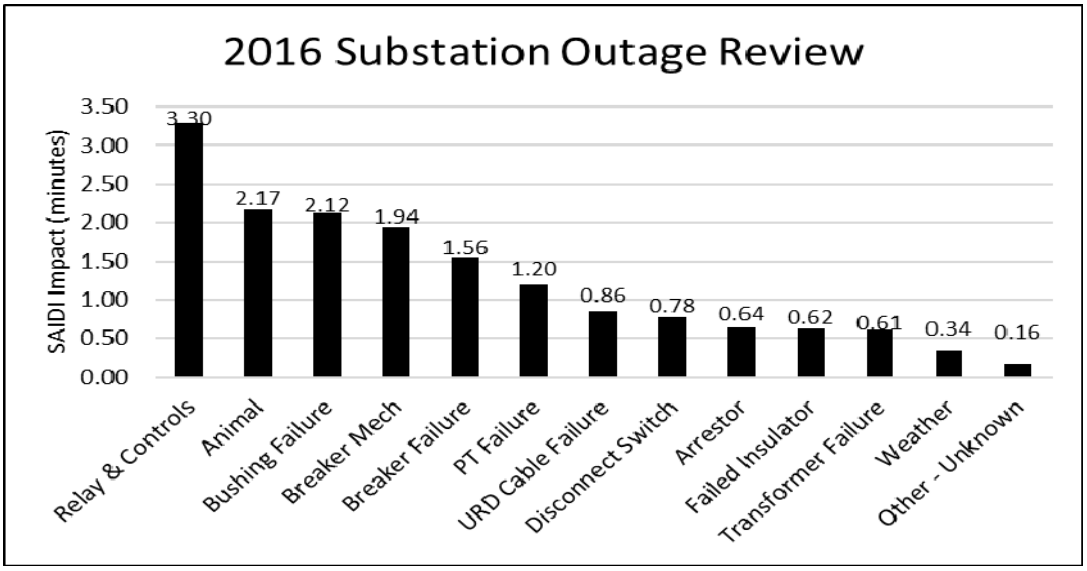


Exhibit 3: 2015 Distribution Substation Outages

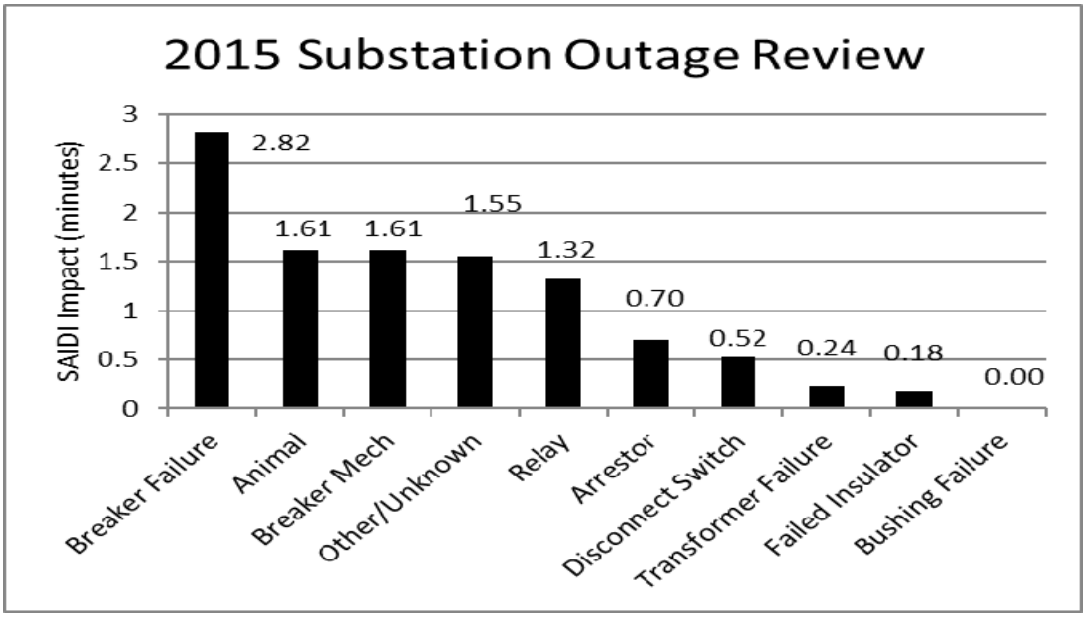


Exhibit 4: 2014 Distribution Substation Outages

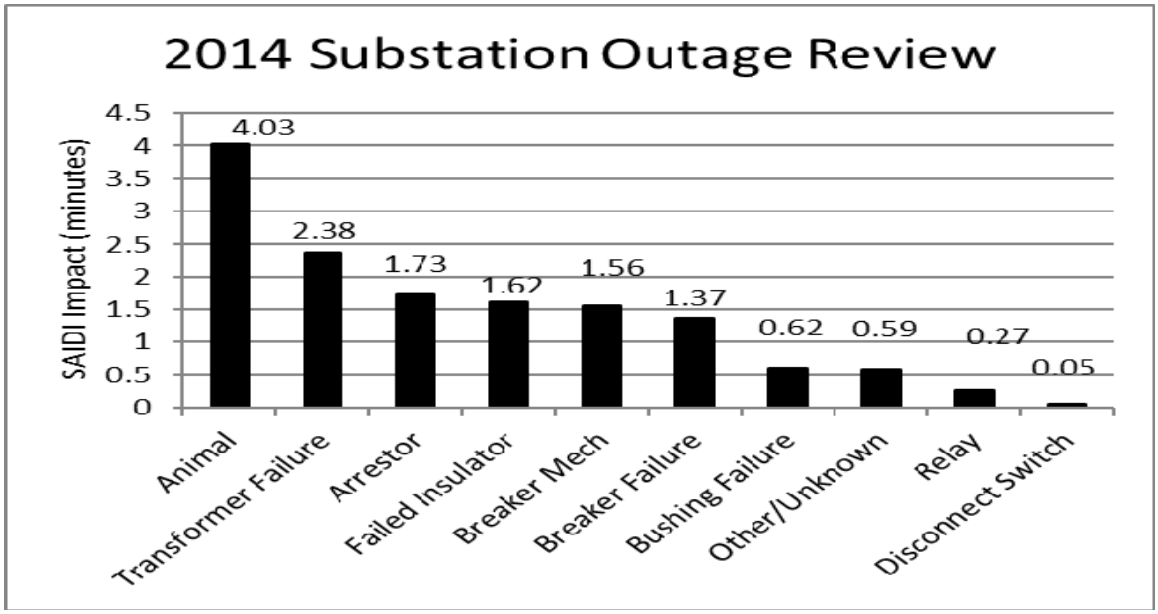


Exhibit 5: 2013 Distribution Substation Outages

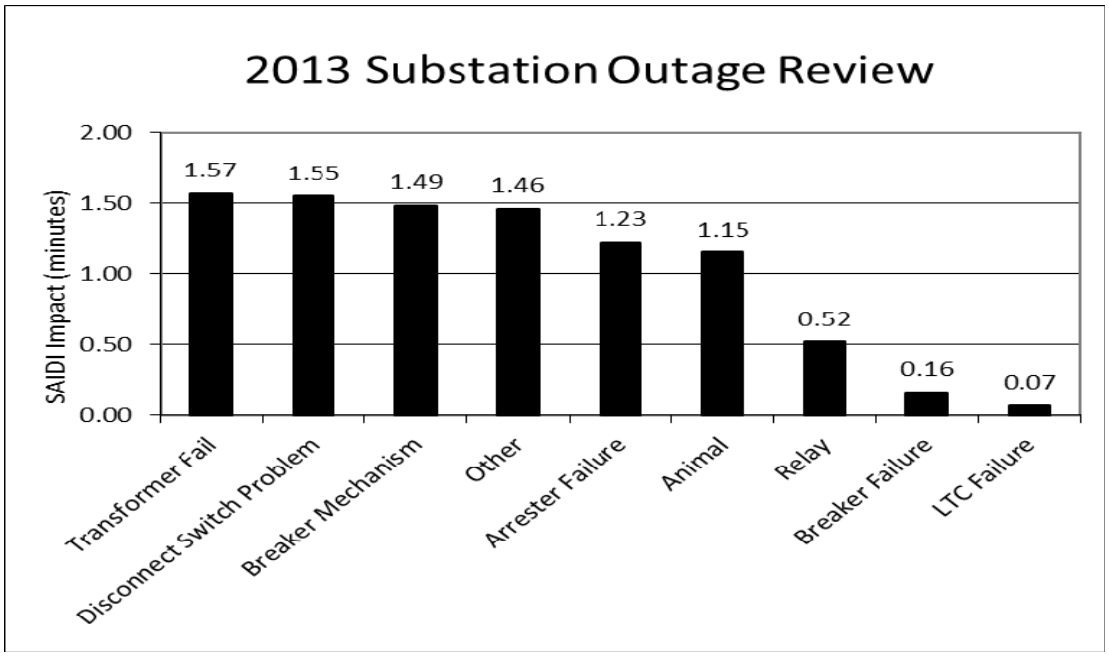


Exhibit 6: Substation Outages due to Breaker Mechanism

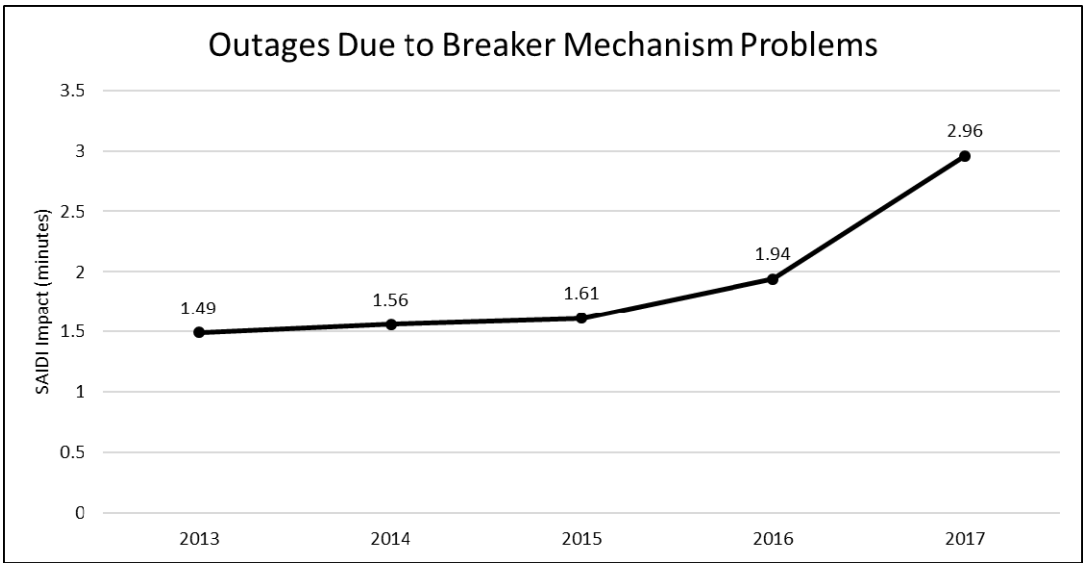


Exhibit 7: Substation Outages due to Animal Contact

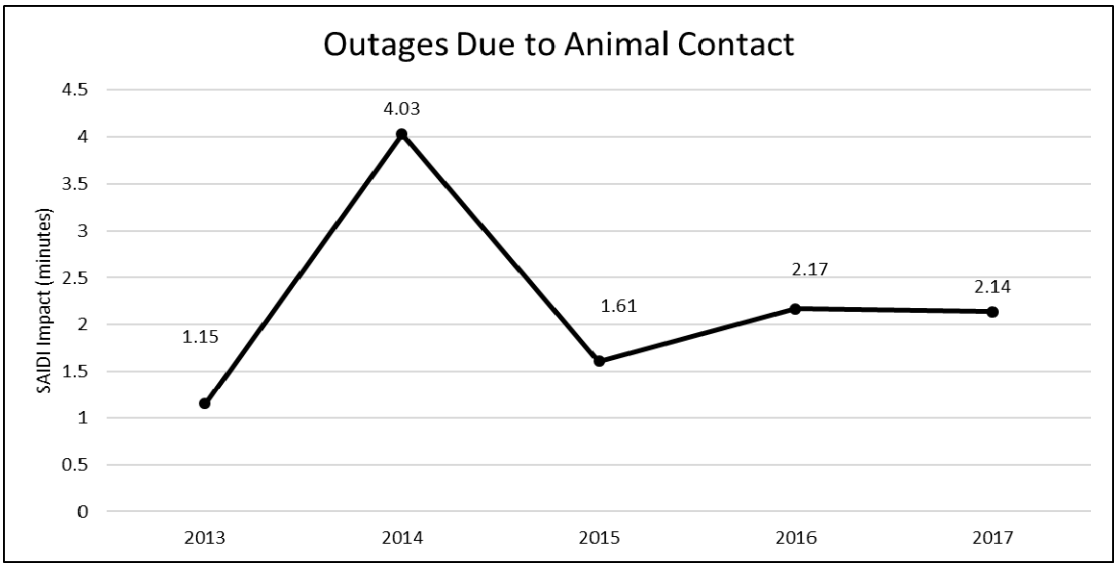
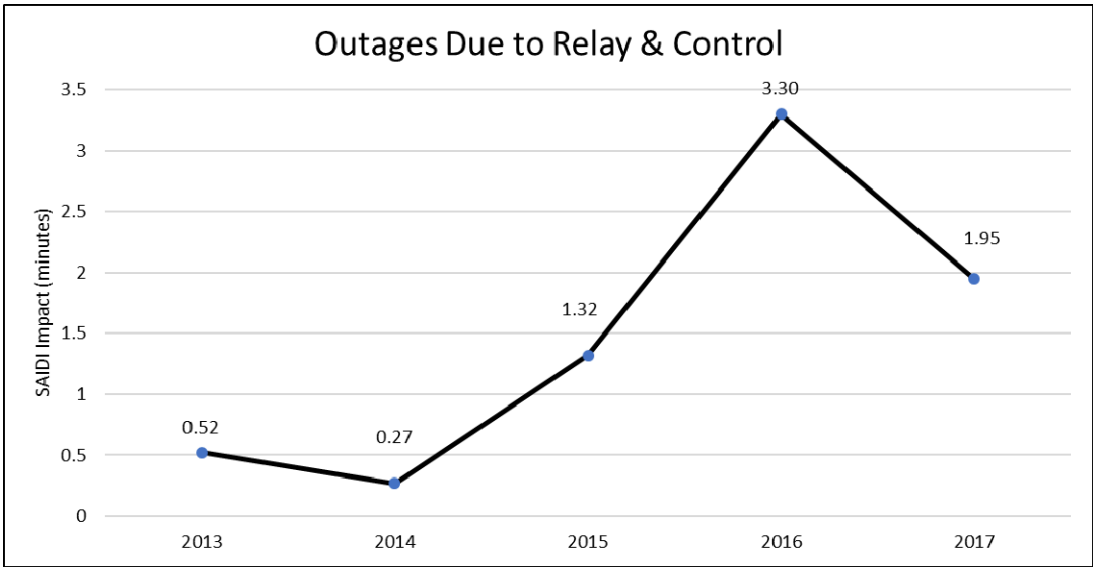


Exhibit 8: Substation Outages due to Relay & Control



G) 2017 Adjusted Distribution Reliability

1) Causes of Outages

Table 2: Cause of Outage Events by Year

	2013	2014	2015	2016	2017
Vegetation	1,959	1,974	2,064	1,959	2,108
Animals	1,918	1,483	1,321	1,178	1,632
Lightning	1,639	1,917	1,779	1,751	1,258
Electrical	1,154	1,256	1,184	1,053	1,113
Bad Connection	837	856	875	840	770
Unknown	892	850	792	931	972
Down Wire	599	512	563	544	611
Vehicle	306	343	397	363	401
Other Weather	261	209	166	183	278
Defective Equipment	206	164	170	144	122
All Remaining Causes	187	182	223	245	249
System Totals	9,958	9,746	9,534	9,191	9,514

2) Three Percent Feeder

In 2017, Tampa Electric has identified eight circuits that have been listed once before in the prior five years. These circuits include:

- 11th Avenue 13176
- South Seffner 13128
- Gallagher Road 13723
- Mulberry 13007
- 11th Avenue 13175
- Fort King 13422
- Clarkwild 13460
- Mulberry 13008

Actual events for 11th Avenue 13176 included four circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced transformers, lightning arrestor, wooden pole, 600-amp switch, bad cable and tightened wire.

Actual events for South Seffner 13128 included two circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced transformer and bad underground cable.

Actual events for Gallagher Road 13723 included three circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced bad underground cable, lightning arrestors and 600-amp switch.

Actual events for Mulberry 13007 included four circuit outages as reported. The company completed corrective activities on this circuit in 2017 by

performing the following: replaced fault indicators, removed bird nest debris and installed Avian protection.

Actual events for 11th Avenue 13175 included four circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced fuses and wires.

Actual events for Fort King 13422 included four circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced bad cutout, poles, burnt taps and installed a new main line recloser.

Actual events for Clarkwild 13460 included five circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced cutouts, “A” phase tap, rotten pole, cross arm, spliced overhead primary and neutral and removed tree limbs.

Actual events for Mulberry 13008 included three circuit outages as reported. The company completed corrective activities on this circuit in 2017 by performing the following: replaced lightning arrestors, insulator and removed bird nest debris.

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.

H) Regional Reliability Indices

1) Summary

Table 3 below represents customer by service area for 2017. Dade City, Plant City and Winter Haven have the fewest customers and represents the most rural, lowest customer density per line mile and comparison to the other four Tampa Electric service areas. Actual reliability indices for the rural areas have varied from those of the most urban, densely populated areas for this period. This is due to the greater distance travel for service restoration in rural area.

In 2017, SAIDI by service areas decreased, as compared to 2016, in all areas except for Central service area as shown in Table 4 below. The 2017 SAIDI performance for six out of the seven service areas improved and was lower than the five-year average. Winter Haven service area SAIDI performance was higher than the five-year average. Actual results by service areas and year have varied for the five-year period.

Table 5 below represents CAIDI by Service Area per Year. The 2017 CAIDI performance, as compared 2016, shows an improvement in all service areas except for Central service areas. The CAIDI five-year average was higher for all service areas Dade City, Eastern, Plant City, South Hillsborough, Western and Winter Haven which showed improvement in the CAIDI five-year average. Actual results by service areas and year have varied for the five-year period.

In 2017, SAIFI performance, as compared to 2016, for Central, Eastern, and South Hillsborough service areas improved as shown in Table 6 below. SAIFI performance in the Dade City, Plant City, Western and Winter Haven service areas declined as compared to the 2016 results. Three out of seven service areas showed improvement in the five-year SAIFI average. The Plant City,

South Hillsborough, Western and Winter Haven service areas showed a decrease in performance in the five-year SAIFI average.

In 2017, MAIFIe performance, as compared to 2016, in all service areas improved except for Central service area as shown in Table 7 below. All service areas improved MAIFIe performance when compared to the five-year average.

2) Regional Reliability Trends

Table 3: Number of Customers by Service Area per Year

	2013	2014	2015	2016	2017
Central	188,161	190,459	193,436	196,431	202,572
Dade City	13,965	14,165	14,372	14,492	14,801
Eastern	113,053	115,122	117,268	119,286	122,667
Plant City	56,438	57,220	58,472	59,381	61,187
South Hillsborough	67,071	69,431	72,340	75,450	80,194
Western	193,320	196,085	198,224	199,891	203,805
Winter Haven	68,529	69,687	70,799	71,888	74,403
System	700,537	712,169	724,911	736,819	759,629

Table 4: SAIDI by Service Area per Year

	2013	2014	2015	2016	2017
Central	69.51	62.95	69.57	63.10	63.83
Dade City	260.65	206.10	199.20	153.43	153.49
Eastern	92.53	76.33	67.28	85.28	63.49
Plant City	130.57	116.88	116.91	112.79	91.97
South Hillsborough	93.59	74.22	86.24	104.28	84.42
Western	75.24	81.39	77.79	81.26	70.79
Winter Haven	61.42	76.58	65.74	81.71	75.65
System	85.05	79.80	79.12	83.43	72.99

Table 5: CAIDI by Service Area per Year

	2013	2014	2015	2016	2017
Central	87.53	79.05	65.78	73.82	78.10
Dade City	94.81	87.37	103.99	85.64	73.25
Eastern	106.37	79.62	74.61	85.81	71.53
Plant City	87.35	79.37	80.18	93.66	63.83
South Hillsborough	84.18	87.83	78.44	76.97	70.37
Western	87.84	94.24	87.04	86.01	71.65
Winter Haven	75.76	82.69	70.64	86.62	62.31
System	89.43	84.54	76.92	82.78	70.94

Table 6: SAIFI by Service Area per Year

	2013	2014	2015	2016	2017
Central	0.79	0.80	1.06	0.85	0.82
Dade City	2.75	2.36	1.92	1.79	2.10
Eastern	0.87	0.96	0.90	0.99	0.89
Plant City	1.49	1.47	1.46	1.20	1.44
South Hillsborough	1.11	0.85	1.10	1.35	1.20
Western	0.86	0.86	0.89	0.94	0.99
Winter Haven	0.81	0.93	0.93	0.94	1.21
System	0.95	0.94	1.03	1.00	1.03

Table 7: MAIFIe by Service Area per Year

	2013	2014	2015	2016	2017
Central	10.01	8.31	8.46	7.80	7.87
Dade City	17.42	19.84	17.95	14.65	14.17
Eastern	13.76	9.85	9.08	9.22	8.76
Plant City	17.80	15.08	11.80	13.35	12.78
South Hillsborough	12.87	8.73	11.03	12.76	10.84
Western	10.90	9.64	8.71	8.81	8.40
Winter Haven	12.56	11.36	11.07	9.67	9.66
System	12.16	10.04	9.59	9.58	9.16

Table 8: CEMI-5 by Service Area per Year

	2013	2014	2015	2016	2017
Central	0.20%	0.83%	0.51%	0.96%	0.18%
Dade City	1.48%	5.94%	10.41%	2.72%	6.64%
Eastern	0.41%	0.33%	0.27%	0.47%	1.79%
Plant City	1.65%	1.37%	2.61%	2.15%	3.02%
South Hillsborough	0.84%	0.23%	0.82%	0.17%	2.43%
Western	0.33%	0.15%	0.42%	0.63%	0.30%
Winter Haven	0.01%	0.54%	0.15%	1.81%	0.20%
System	0.47%	0.63%	0.81%	0.92%	1.07%

I) Overhead – Underground Reliability

1) Five-Year Trends - Reliability Performance

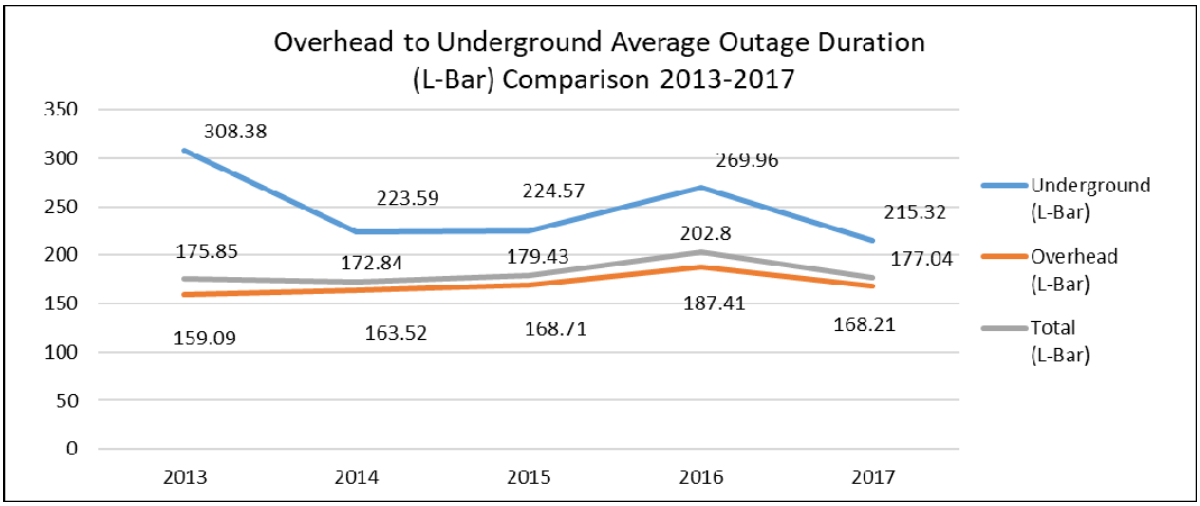
Table 9: Outages per Year

System Totals	2013	2014	2015	2016	2017
Number of Outages Events (N)	9,958	9,746	9,534	9,191	9,514
System Average Duration (L-Bar)	175.85	172.84	179.43	202.80	177.04
Average Restoration Time (CAIDI)	89.43	84.54	76.92	82.78	70.94

Overhead	2013	2014	2015	2016	2017
Number of Outages Events (N)	8,840	8,233	7,705	7,490	7,731
Overhead Average Duration (L-Bar)	159.09	163.52	168.71	187.41	168.21
Average Restoration Time (CAIDI)	85.77	79.08	70.55	77.16	65.45

Underground	2013	2014	2015	2016	2017
Number of Outages Events (N)	1,118	1,513	1,829	1,701	1,783
Underground Average Duration (L-Bar)	308.38	223.59	224.57	269.96	215.32
Average Restoration Time (CAIDI)	261.46	132.80	139.73	138.93	118.20

Exhibit 9: Overhead to Underground Outage Duration



2) Tracking Overhead to Underground Reliability Performance

Tampa Electric tracks outage records in the company's DOD 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 in which the circuit breaker does not operate is not currently captured and cannot be reported.

The company currently measures CEMI-5 through a query that is run through the company's OMS. There is no option to run a query for overhead or

underground systems. Therefore, the company is unable to provide CEMI-5 as previously requested by Commission Staff.

3) Underground Distribution System Conversions

Over the past five years, the Dana Shores Civic Association and Tampa Electric have been working with Hillsborough County to create a Municipal Service Benefit Units ("MSBU") ordinance. The total cost for converting this overhead system to underground is projected to exceed $3,000,000. The construction for this underground conversion is projected to start in 2018. Other similar conversations have begun within other communities within the company's service area such as Palma Ceia, Avila and Cardenas Avenue.

J) Reliability-Related Customer Complaints

In 2017, Tampa Electric experienced a decrease of two 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 in 53 complaints in 2017 as noted in Exhibit 11 below. In comparison to the five-year average, overall complaints increased by 42.86 percent in 2017.

When comparing, formal complaints logged against the company to reliability performance (Exhibits 12 and 13 below) over the last five years, the reliability performance has varied, and complaints have tracked accordingly. The company believes that a continued focus on activities such as vegetation management, circuit review activity and resulting line improvements and other maintenance activities will contribute toward minimizing service-related complaints in 2018 and beyond.

Tampa Electric's current process for responding to all service related complaints

includes the central intake and coordination of complaint resolution through the company's 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 region/service area level provides 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 monthly to review common areas of concern across the system and identifies opportunities for improvement.

Exhibit 10: Tampa Electric Formal Reliability Complaints Filed with the FPSC by Year

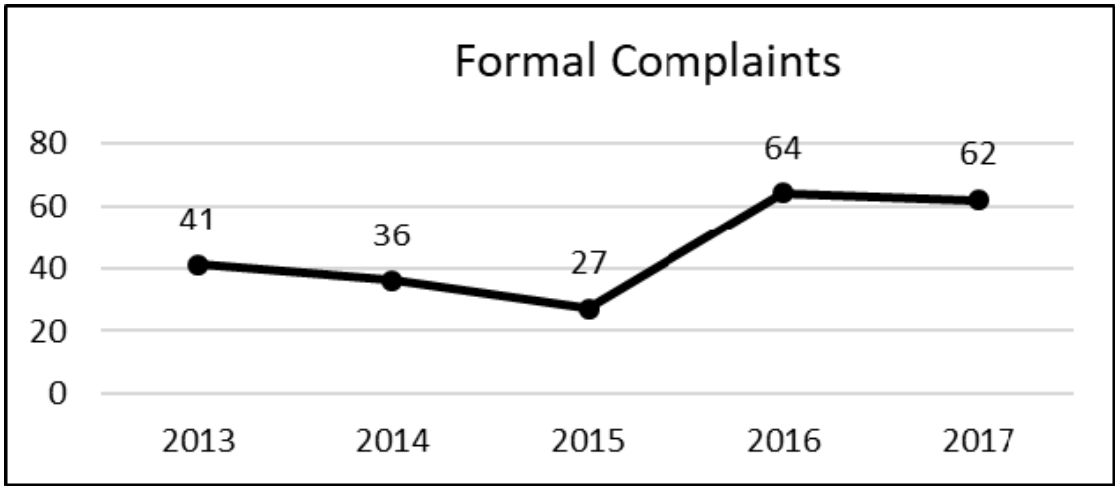


Exhibit 11: Tampa Electric Service Reliability Complaints by Year

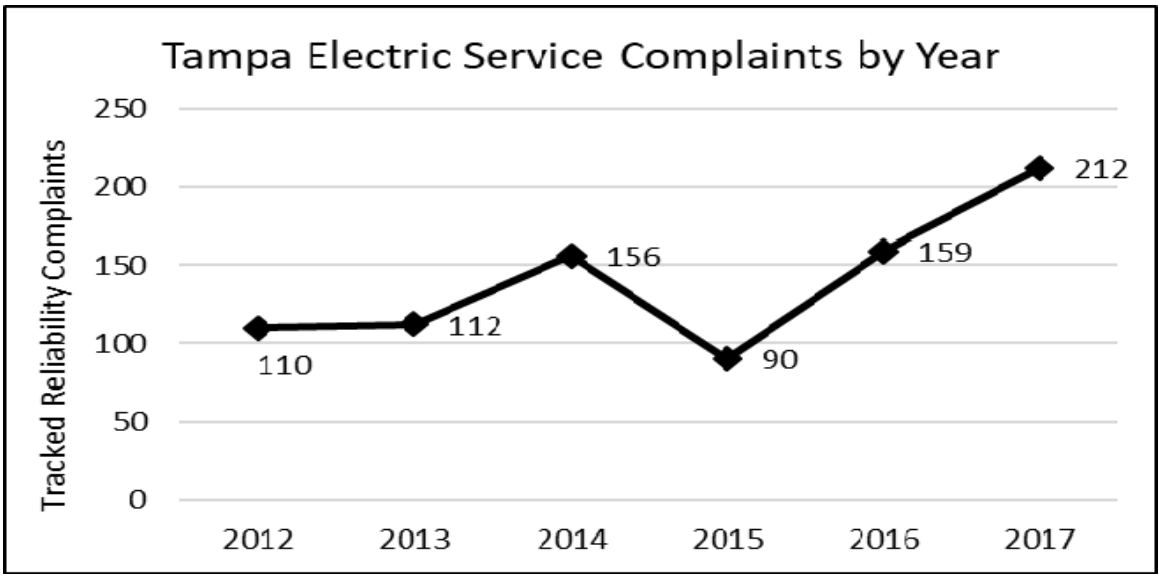


Exhibit 12: Formal Complaints *vs.* SAIDI by Year

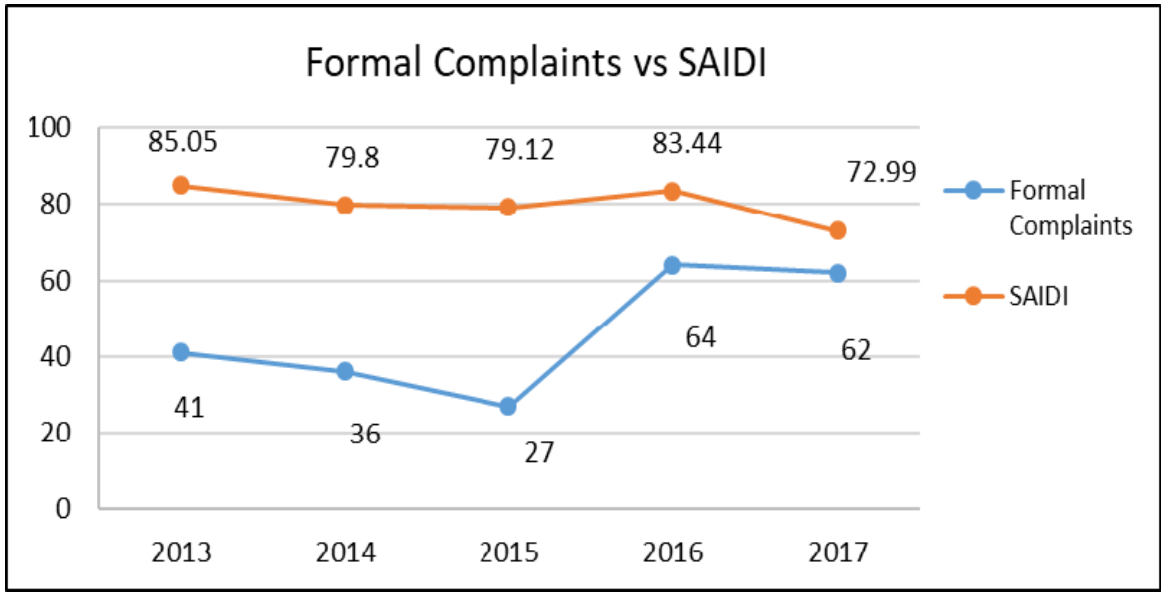
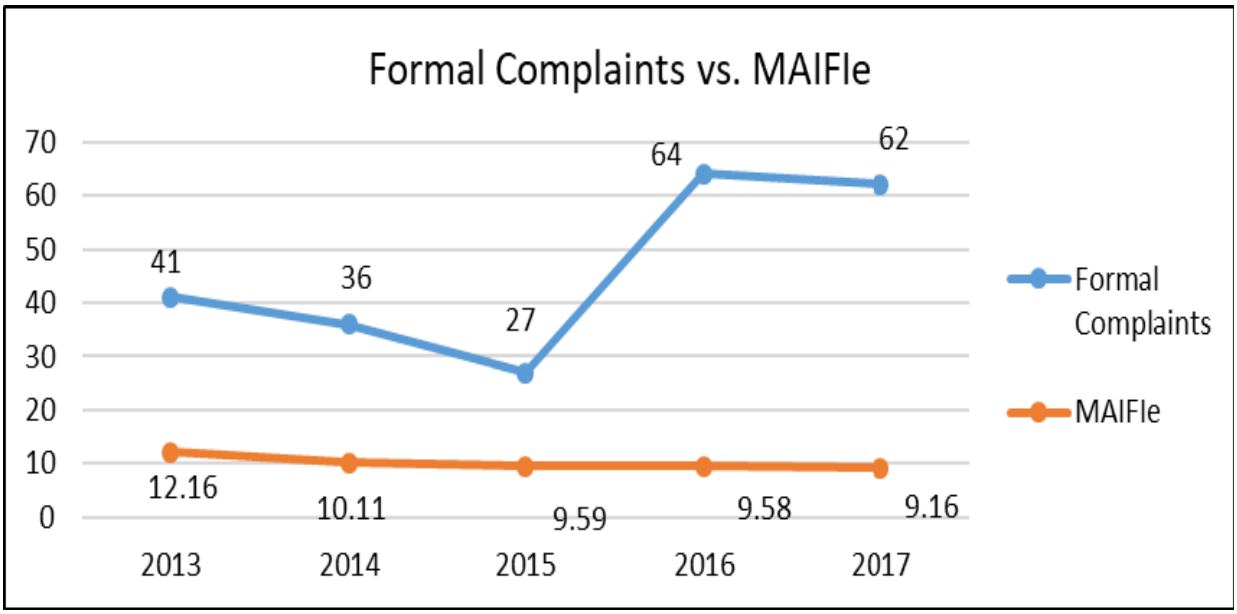


Exhibit 13: Formal Complaints *vs.* MAIFIe by Year



APPENDIX

2017

STORM IMPLEMENTATION PLAN
&
ANNUAL RELIABILITY
PERFORMANCE
REPORTS

Appendix A)

Form PSC/ECR 102-1(a) (8/06)

Primary Causes of Outage Events

Utility Name: Tampa Electric Year: 2017

Cause (a)	Number of Outages Events (N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Planned Outage	2,781	209.91	50.83
Vegetation	2,159	194.00	76.94
Animals	1,635	104.62	64.78
Lightning	1,270	205.65	89.45
Electrical	1,117	198.75	92.41
Unknown	981	140.73	38.43
Bad Connection	774	239.37	114.63
Down Wire	615	170.83	65.17
Vehicle	406	213.35	67.16
Other Weather	279	158.35	72.86
Human Interference	194	180.43	35.50
Defective Equipment	122	155.59	62.20
Unassigned	47	289.00	87.54
Customer Owned Equipment	32	181.69	184.27
Substation Equipment	13	64.49	54.56
Fire	12	167.75	46.29
Structure	11	193.87	232.25
Transmission Equipment	2	2.53	2.53
Total	12,450	184.29	67.62

Form 102 – Part II – Actual

FPSC Annual Report - 3 Percent Feeder List

Primary Circuit Id. No. or Name (a)	Substation Origin (b)	Location (c)	Number of Customers				Circuit Outages "N" (h)	Avg. Duration "L-Bar" (i)	CAIDI (j)	Listed Last Year? (k)	Years in the Last 5 (l)	Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Total (g)						
13935	LAKE	Central	409	63	344	472	18	330.09	112.60	N	0	5/16, 9/2, 10/17, 9/7, 6/29
13019	GIBSONTON	South Hillsborough	1,518	217	1,591	1,735	11	219.84	59.77	N	0	9/30, 6/1, 11/7, 12/21
13304	SUN CITY	South Hillsborough	1,435	72	215	1,507	10	179.15	54.60	N	0	9/7, 8/18, 9/8
13225	BRANDON	Eastern	761	62	430	823	9	197.31	94.74	N	0	4/24, 3/3, 5/19, 7/21, 2/2, 9/21
13454	LAKEWOOD	Eastern	1,531	137	1,482	1,671	9	163.26	43.04	N	0	5/9, 7/10, 11/13, 5/9, 7/11
13328	DADE CTY	Dade City	386	163	1,161	549	8	105.40	46.91	N	0	4/8, 8/18, 5/26, 4/7
13983	CORONET	Plant City	829	63	387	892	8	132.42	38.28	Y	1	5/17, 10/20, 8/12, 7/20
13390	KIRKLAND RD	Plant City	1,512	228	688	1,740	8	174.14	47.70	N	0	6/27, 6/28, 8/14, 6/27, 8/14
13696	BERKLEY	Winter Haven	1,314	185	4,078	1,507	8	181.79	42.67	N	0	1/2, 7/19, 4/26
13420	JUNEAU	Central	1,707	239	817	1,946	7	188.64	32.10	N	0	1/31, 1/18, 3/22, 7/7, 5/5
13546	MARITIME	Central	261	137	8,957	417	7	172.19	79.55	N	0	8/28, 5/23, 10/31, 8/3, 8/15
13020	GIBSONTON	South Hillsborough	1,031	174	2,404	1,209	7	184.85	43.68	N	0	12/15, 8/23, 3/9, 4/10
13155	JACKSON ROAD	Western	1,524	191	1,247	1,715	7	95.74	50.80	N	0	7/23, 9/11, 12/30, 7/17, 9/1
13176	11TH.AVE	Central	782	157	9,083	958	6	215.69	54.87	N	1	8/25,6/12,10/18,5/23,12/16
13351	27TH.ST	Central	1,790	220	1,806	2,010	6	175.76	67.66	N	0	10/2, 11/17,5/16, 4/7, 6/28
13088	PLYMOUTH ST	Central	659	77	430	736	6	249.92	40.02	N	0	8/6, 12/7, 5/3, 1/22, 3/8
13128	S.SEFNER	Eastern	1,139	73	666	1,213	6	143.51	61.95	N	1	4/3, 7/6, 10/5
13723	GALLAGHER RD	Plant City	1,218	140	903	1,358	6	218.82	68.47	N	1	5/7, 12/9, 8/1, 5/5
13656	HAMPTON	Plant City	1,624	183	903	1,807	6	145.39	32.17	N	0	4/4, 3/9, 5/23, 6/11
13007	MULBERRY	Plant City	327	193	10,790	545	6	147.57	58.96	N	2	1/25, 7/30, 3/14
13303	SUN CITY	South Hillsborough	1,686	327	3,048	2,017	6	173.60	71.26	N	1	9/25, 6/29, 8/9, 6/15
13531	COOLIDGE	Western	1	208	8,880	233	6	188.77	118.83	N	0	5/11, 3/9, 1/23, 8/20
13892	EHRLICH	Western	835	113	1,591	948	6	121.84	42.19	N	0	7/7, 6/15, 4/5, 9/9
13575	ROCKY CR	Western	582	39	387	621	6	129.45	96.53	N	0	2/9, 1/5, 8/9, 1/12
13153	CYP.GRND	Winter Haven	894	116	890	1,010	6	174.93	41.90	N	0	6/2
13661	LAKE	Winter Haven	1,484	78	172	1,562	6	177.22	47.30	N	1	1/9, 1/5, 1/20, 1/2, 2/2
13175	11TH.AVE	Central	1,642	252	3,704	1,899	5	137.61	100.39	N	1	3/7, 2/1, 3/13, 3/17, 7/31
13352	27TH.ST	Central	1,483	146	430	1,629	5	150.46	56.99	N	0	11/1, 5/12, 10/17, 9/1, 8/16
13932	LAKE	Central	305	15	0	320	5	163.36	79.64	N	0	4/10, 4/22, 8/1, 6/19, 5/13
13026	TEMP.TER	Central	1,643	232	1,978	1,875	5	203.69	40.34	N	2	6/30, 6/19, 2/6, 3/28, 2/23
13422	FORT KING	Dade City	1,272	137	473	1,409	5	152.14	64.04	Y	1	3/15, 6/2, 3/1, 8/24
13458	CLARKWILD	Eastern	479	127	602	606	5	196.90	67.32	N	0	7/21, 7/21, 9/30
13460	CLARKWILD	Eastern	1,035	159	1,225	1,195	5	170.57	66.46	N	2	7/31, 6/23, 6/20, 6/30, 9/18, 4/12, 4/24, 5/8
13127	S.SEFNER	Eastern	1,231	25	43	1,256	5	135.32	45.73	N	0	10/30, 10/2, 7/26
13008	MULBERRY	Plant City	322	88	7,992	432	5	185.98	54.87	N	1	3/24, 4/25, 7/7, 9/29
13256	GULF CITY	South Hillsborough	992	268	946	1,260	5	228.99	69.78	N	1	8/16, 10/13, 7/20, 4/26
13208	LOIS AV	Western	555	32	172	587	5	126.63	64.77	N	0	9/30, 9/11, 10/12, 7/26
14082	WESTCHASE	Western	1,013	38	172	1,051	5	165.53	66.87	N	0	10/20, 2/7, 6/30, 9/8
13279	ARIANA	Winter Haven	896	258	3,695	1,160	5	150.06	50.33	N	0	12/5, 10/27, 11/27, 12/3

Form 102 – Part III – Actual

ANNUAL DISTRIBUTION RELIABILITY REPORT - 2017
Utility Name: Tampa Electric

SAIDI: System Average Interruption Duration Index
= Sum of All Customer Minutes Interrupted (CMI) / Total number of Customers Served (C)
63,528,978 / 759,629 = **83.63**

CAIDI: System Average Interruption Duration Index
= Sum of All Customer Minutes Interrupted (CMI) / Total number of Customer Interruptions (CI)
63,528,978 / 939,454 = **67.62**

SAIFI: System Average Interruption Frequency Index
= Total number of Customer Interruptions (CI) / Total number of Customers Served (C)
939,454 / 759,629 = **1.24**

MAIFIe: Momentary Average Interruption Event
= Sum of All Customer Momentary Interruption Events (CME) / Total number of Customers Served (C)
10,155,363 / 759,629 = **13.37**

L-Bar:
= Minutes of Interruption / Total number of Outages
2,294,421 / 12,450 = **184.29**

District	C	CMI	CI	CME	# Cust > 5
Central	202,572	14,589,037	198,262	2,244,207	485
Dade City	14,801	2,451,709	34,011	285,398	1,938
Eastern	122,667	8,673,247	128,075	1,655,933	2,295
Plant City	61,187	6,455,621	116,167	1,120,341	3,176
South Hillsborough	80,194	7,972,199	120,498	1,189,730	3,891
Western	203,805	17,235,613	233,071	2,468,610	825
Winter Haven	74,403	6,151,551	109,370	1,211,144	673
System Total:	759,629	63,528,978	939,454	10,155,363	13,311

Form 102 – Part III continued – Actual

Service Reliability Indices - Actual					
Utility Name: Tampa Electric				Year: 2017	
District or Service Area (a)	**SAIDI** (b)	**CAIDI** (c)	**SAIFI** (d)	**MAIFIe** (e)	**CEMI-5 %** (f)
Central	72.02	73.58	0.98	10.98	0.24%
Dade City	165.64	72.09	2.30	19.28	13.09%
Eastern	70.70	67.72	1.04	13.50	1.87%
Plant City	105.51	55.57	1.90	18.31	5.19%
South Hillsborough	99.41	66.16	1.50	14.84	4.85%
Western	84.57	73.95	1.14	12.11	0.40%
Winter Haven	82.68	56.25	1.47	16.28	0.90%
System Total:	83.63	67.62	1.24	13.37	1.75%

Form PSC/ECR 102-3, Docket No. 011351-EI, Rule 25-6.0455(c)
Note: L-Bar and CAIDI are expressed in minutes

Appendix B)

Form PSC/ECR 102-1(b) (8/06)

Causes of Outage Events - Adjusted			
Utility Name: Tampa Electric			Year: 2017
Cause (a)	**Number of Outages Events (N)** (b)	**Average Duration (L-Bar)** (c)	**Average Restoration Time (CAIDI)** (d)
1. Vegetation	2,108	194.72	77.88
2. Lightning	1,258	206.44	89.77
3. Animals	1,632	104.72	64.78
4. Electrical	1,113	199.18	93.92
5. Bad Connection	770	239.58	114.50
6. Unknown	972	141.10	38.37
7. Down Wire	611	171.11	64.89
8. Vehicle	401	213.68	68.12
All Remaining Causes	649	147.01	82.66
Total	9,514	177.04	70.94

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

FORM 103 - Part II – Adjusted

FPSC Annual Report - 3 Percent Feeder List - Adjusted

Primary Circuit Id. No. or Name (a)	Substation Origin (b)	Location (c)	Number of Customers				Circuit Outages "N" (h)	Avg. Duration "L-Bar" (i)	CAIDI (j)	Listed Last Year? (k)	Years in the Last 5 (l)	Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Total (g)						
13935	LAKE	Central	409	63	344	472	18	349.87	114.15	N	0	5/16, 9/2, 10/17, 9/7, 6/29
13019	GIBSONTON	South Hillsborough	1,518	217	1,591	1,735	10	162.35	76.08	N	1	9/30, 6/1, 11/7, 12/21
13304	SUN CITY	South Hillsborough	1,435	72	215	1,507	10	179.15	54.60	N	1	9/7, 8/18, 9/8
13225	BRANDON	Eastern	761	62	430	823	9	204.91	95.17	N	0	4/24, 3/3, 5/19, 7/21, 2/2, 9/21
13454	LAKEWOOD	Eastern	1,531	137	1,482	1,671	9	165.05	43.02	N	0	5/9, 7/10, 11/13, 5/9, 7/11
13546	MARITIME	Central	261	137	8,957	417	7	172.19	79.55	N	0	8/28, 5/23, 10/31, 8/3, 8/15
13020	GIBSONTON	South Hillsborough	1,031	174	2,404	1,209	7	155.29	39.76	N	0	12/15, 8/23, 3/9, 4/10
13155	JACKSON ROAD	Western	1,524	191	1,247	1,715	7	94.54	50.66	N	0	7/23, 9/11, 12/30, 7/17, 9/1
13696	BERKLEY	Winter Haven	1,314	185	4,078	1,507	7	175.88	50.88	N	1	1/2, 7/19, 4/26
13176	11TH.AVE	Central	782	157	9,083	958	6	240.91	54.86	N	2	8/25, 6/12, 10/18, 5/23, 12/16
13351	27TH.ST	Central	1,790	220	1,806	2,010	6	182.37	67.76	N	0	10/2, 11/17, 5/16, 4/7, 6/28
13420	JUNEAU	Central	1,707	239	817	1,946	6	141.21	26.23	N	0	1/31, 1/18, 3/22, 7/7, 5/5
13088	PLYMOUTH ST	Central	659	77	430	736	6	245.63	39.31	N	0	8/6, 12/7, 5/3, 1/22, 3/8
13328	DADE CTY	Dade City	386	163	1,161	549	6	114.58	54.24	N	0	4/8, 8/18, 5/26, 4/7
13128	S.SEFNER	Eastern	1,139	73	666	1,213	6	144.77	61.69	N	3	4/3, 7/6, 10/5
13723	GALLAGHER RD	Plant City	1,218	140	903	1,358	6	221.17	68.10	N	1	5/7, 12/9, 8/1, 5/5
13390	KIRKLAND RD	Plant City	1,512	228	688	1,740	6	163.86	59.08	N	1	6/27, 6/28, 8/14
13007	MULBERRY	Plant City	327	193	10,790	545	6	172.28	68.85	Y	2	1/25, 7/30, 3/14
13303	SUN CITY	South Hillsborough	1,686	327	3,048	2,017	6	164.99	68.71	N	0	9/25, 6/29, 8/9, 6/15
13531	COOLIDGE	Western	1	208	8,880	233	6	178.44	118.51	N	0	5/11, 3/9, 1/23, 8/20
13892	EHRLICH	Western	835	113	1,591	948	6	104.35	42.14	N	2	7/7, 6/15, 4/5, 9/9
13575	ROCKY CR	Western	582	39	387	621	6	129.45	96.53	N	0	2/9, 1/5, 8/9, 1/12
13153	CYP.GRND	Winter Haven	894	116	890	1,010	6	164.26	39.32	N	0	6/2
13175	11TH.AVE	Central	1,642	252	3,704	1,899	5	129.63	100.80	N	1	3/7, 2/1, 3/13, 3/17, 7/31
13352	27TH.ST	Central	1,483	146	430	1,629	5	127.57	54.34	N	2	11/1, 5/12, 10/17, 9/1, 8/16
13932	LAKE	Central	305	15	0	320	5	172.12	79.84	N	0	4/10, 4/22, 8/1, 6/18, 5/13
13422	FORT KING	Dade City	1,272	137	473	1,409	5	158.30	65.41	N	2	3/15, 6/2, 3/1, 8/24
13458	CLARKWILD	Eastern	479	127	602	606	5	196.90	67.32	N	0	7/21, 7/31, 9/30
13460	CLARKWILD	Eastern	1,035	159	1,225	1,195	5	166.59	66.04	N	1	7/31, 6/23, 6/20,6/30,9/18,4/12,4/24
13127	S.SEFNER	Eastern	1,231	25	43	1,256	5	140.14	58.90	N	0	10/30, 10/2, 7/26
13983	CORONET	Plant City	829	63	387	892	5	132.29	43.44	N	0	5/17, 10/20, 8/12, 7/20
13656	HAMPTON	Plant City	1,624	183	903	1,807	5	139.37	37.68	N	1	4/4, 3/9, 5/23, 6/11
13008	MULBERRY	Plant City	322	88	7,992	432	5	169.43	73.27	N	1	3/24, 4/25, 7/7, 9/29
14082	WESTCHASE	Western	1,013	38	172	1,051	5	180.27	67.03	N	0	10/20, 2/7, 6/30, 9/8
13661	LAKE WINTERSET	Winter Haven	1,484	78	172	1,562	5	78.97	57.88	N	0	1/9, 1/5, 1/20, 1/2, 2/2

Form 103 – Part III – Adjusted

PART III
ANNUAL DISTRIBUTION RELIABILITY REPORT - 2017
Utility Name: Tampa Electric

SAIDI: System Average Interruption Duration Index
= Sum of All Customer Minutes Interrupted (CMI) / Total number of Customers Served (C)
55,443,934 / 759,629 = **72.99**

CAIDI: System Average Interruption Duration Index
= Sum of All Customer Minutes Interrupted (CMI) / Total number of Customer Interruptions (CI)
55,443,934 / 781,548 = **70.94**

SAIFI: System Average Interruption Frequency Index
= Total number of Customer Interruptions (CI) / Total number of Customers Served (C)
781,548 / 759,629 = **1.03**

MAIFIe: Momentary Average Interruption Event
= Sum of All Customer Momentary Interruption Events (CME) / Total number of Customers Served (C)
6,960,378 / 759,629 = **9.16**

L-Bar:
= Minutes of Interruption / Total number of Outages
1, 684,373 / 9,514 = **117.04**

District	C	CMI	CI	CME	# Cust > 5
Central	202,572	12,930,272	165,567	1,595,127	363
Dade City	14,801	2,271,864	31,014	209,684	983
Eastern	122,667	7,788,028	108,882	1,074,673	2,201
Plant City	61,187	5,627,143	88,162	781,672	1,845
South Hillsborough	80,194	6,770,286	96,216	868,555	1,947
Western	203,805	14,427,976	201,381	1,712,191	613
Winter Haven	74,403	5,628,365	90,326	718,476	146
System Total:	759,629	55,443,934	781,548	6,960,378	8,113

Form 103 – Part III continued – Adjusted

Service Reliability Indices - Adjusted					
Utility Name: Tampa Electric				Year: 2017	
District or Service Area (a)	**SAIDI** (b)	**CAIDI** (c)	**SAIFI** (d)	**MAIFIe** (e)	**CEMI-5 %** (f)
Central	63.83	78.10	0.82	7.87	0.18%
Dade City	153.49	73.25	2.10	14.17	6.64%
Eastern	63.49	71.53	0.89	8.76	1.79%
Plant City	91.97	63.83	1.44	12.78	3.02%
South Hillsborough	84.42	70.37	1.20	10.83	2.43%
Western	70.79	71.65	0.99	8.40	0.30%
Winter Haven	75.65	62.31	1.21	9.66	0.20%
System Total:	72.99	70.94	1.03	9.16	1.07%

Form PSC/ECR 102-3, Docket No. 011351-EI, Rule 25-6.0455(c)
Note: L-Bar and CAIDI are expressed in minutes

Actual Data: CMI, CI and Documented Exclusions

2017	CMI		CI	
	Value	% of Actual	Value	% of Actual
Reported Actual Data	244,456,219	100.00%	1,441,901	100.00%
Documented Exclusions				
Planned Service Interruptions	7,020,124	2.87%	156,999	10.89%
Named Storm	173,523,001	70.98%	300,668	20.85%
Tornadoes	0.00	0.00%	0.00	0.00%
Ice on Lines	0.00	0.00%	0.00	0.00%
Planned Load Management Events	0.00	0.00%	0.00	0.00%
Generation/Transmission Events	8,469,160	3.46%	202,686	14.06%
Extreme Weather (EOC Activation/Fire)	0.00	0.00%	0.00	0.00%
Reported Adjusted Data	55,443,934	22.68%	781,548	54.20%

2017 Adjustments: Planned Distribution Outage Events

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Step Restoration	PLANNED OUTAGE	1/3/2017 1:06:15 PM	1,313.20	2
Circuit Out	PLANNED OUTAGE	1/3/2017 11:17:28 PM	1,406.10	774
Connections	PLANNED OUTAGE	1/4/2017 8:22:48 AM	317.45	1
OH Other	PLANNED OUTAGE	1/6/2017 8:25:58 AM	57.85	1
Meter Damaged	PLANNED OUTAGE	1/7/2017 10:31:35 PM	1.80	1
OH Other	PLANNED OUTAGE	1/8/2017 2:11:16 AM	134.00	1
OH Other	PLANNED OUTAGE	1/8/2017 4:53:20 PM	3.97	1
OH Other	PLANNED OUTAGE	1/9/2017 8:16:11 AM	173.60	1
UG Other	PLANNED OUTAGE	1/10/2017 10:05:30 AM	6,871.67	25
UG Other	PLANNED OUTAGE	1/10/2017 10:05:30 AM	6,871.67	25
Pole	PLANNED OUTAGE	1/10/2017 5:29:43 PM	112.72	1
TX Replaced (PM)	PLANNED OUTAGE	1/10/2017 6:00:32 PM	2,863.70	7
UG Other	PLANNED OUTAGE	1/11/2017 8:50:18 AM	61.33	1
Circuit Out	PLANNED OUTAGE	1/11/2017 1:37:44 PM	5,773.17	670
Service - Non Crew	PLANNED OUTAGE	1/13/2017 2:43:32 PM	67.57	1
OH Other	PLANNED OUTAGE	1/14/2017 7:20:39 AM	70.25	1
Circuit Out	PLANNED OUTAGE	1/15/2017 8:54:20 AM	5,329.67	271
Circuit Out	PLANNED OUTAGE	1/15/2017 8:55:20 AM	6,739.00	879
Riser	PLANNED OUTAGE	1/16/2017 10:03:03 AM	67.77	1
OH Other	PLANNED OUTAGE	1/17/2017 6:04:18 PM	110.27	1
Secondary Wire	PLANNED OUTAGE	1/18/2017 12:44:31 PM	177.92	5
Circuit Out	PLANNED OUTAGE	1/19/2017 1:20:58 PM	3,635.33	1064
Tap or Riser	PLANNED OUTAGE	1/20/2017 7:31:20 AM	48.77	1
PLF	PLANNED OUTAGE	1/22/2017 12:22:07 PM	20,713.88	41
Circuit Out	PLANNED OUTAGE	1/22/2017 3:46:44 PM	4,876.80	1152
Circuit Out	PLANNED OUTAGE	1/22/2017 7:47:28 PM	8,009.47	254
Circuit Out	PLANNED OUTAGE	1/23/2017 12:12:32 AM	11,334.40	2024
Circuit Out	PLANNED OUTAGE	1/23/2017 1:14:13 AM	4,940.00	456
PLF	PLANNED OUTAGE	1/23/2017 1:42:40 AM	1,140.42	17
OH Other	PLANNED OUTAGE	1/23/2017 8:20:34 AM	713.62	1
OCR, Sec.	PLANNED OUTAGE	1/23/2017 5:30:16 PM	0.00	142
OH Other	PLANNED OUTAGE	1/26/2017 9:38:15 AM	88.03	1
Service - Non Crew	PLANNED OUTAGE	1/26/2017 10:23:17 AM	74.30	1
URD Outage	PLANNED OUTAGE	1/27/2017 8:30:37 AM	141.93	1
OH Other	PLANNED OUTAGE	1/27/2017 9:35:02 AM	77.12	1
Circuit Out	PLANNED OUTAGE	1/27/2017 3:36:23 PM	5,945.00	1230
OH Other	PLANNED OUTAGE	1/30/2017 8:21:41 AM	2,011.87	4
OH Other	PLANNED OUTAGE	1/30/2017 8:21:49 AM	2,514.92	5
UG Other	PLANNED OUTAGE	1/30/2017 9:19:42 AM	117.78	1
OH Other	PLANNED OUTAGE	1/30/2017 9:20:45 AM	2,203.80	6
OH Other	PLANNED OUTAGE	1/30/2017 9:25:40 AM	1,543.20	4
OH Other	PLANNED OUTAGE	1/30/2017 9:54:30 AM	520.77	2
UG Other	PLANNED OUTAGE	1/30/2017 9:57:35 AM	408.70	6
OH Other	PLANNED OUTAGE	1/30/2017 10:38:45 AM	1,257.60	4
OH Other	PLANNED OUTAGE	1/30/2017 10:40:17 AM	302.83	2
OH Other	PLANNED OUTAGE	1/30/2017 12:32:25 PM	1,581.07	8
OH Other	PLANNED OUTAGE	1/30/2017 12:47:41 PM	350.10	6
OH Other	PLANNED OUTAGE	1/30/2017 1:12:03 PM	1,224.67	5
UG Other	PLANNED OUTAGE	1/30/2017 1:26:13 PM	683.20	12
OH Other	PLANNED OUTAGE	1/30/2017 1:29:59 PM	307.20	3
Circuit Out	PLANNED OUTAGE	1/30/2017 10:53:53 PM	1,641.92	1037
PLF	PLANNED OUTAGE	1/31/2017 7:17:00 AM	107.38	1
OH Other	PLANNED OUTAGE	1/31/2017 8:12:37 AM	3,927.17	10

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	1/31/2017 8:16:40 AM	1,217.93	4
OH Other	PLANNED OUTAGE	1/31/2017 8:32:53 AM	2,358.80	6
OH Other	PLANNED OUTAGE	1/31/2017 9:27:25 AM	677.30	2
OH Other	PLANNED OUTAGE	1/31/2017 9:27:36 AM	699.27	2
PLF	PLANNED OUTAGE	1/31/2017 9:53:59 AM	19.93	1
UG Other	PLANNED OUTAGE	1/31/2017 10:02:27 AM	2,597.10	9
OH Other	PLANNED OUTAGE	1/31/2017 10:19:37 AM	780.93	2
OH Other	PLANNED OUTAGE	1/31/2017 10:24:02 AM	146.40	4
OH Other	PLANNED OUTAGE	1/31/2017 11:07:29 AM	1,364.27	4
OH Other	PLANNED OUTAGE	1/31/2017 11:07:40 AM	279.73	1
OH Other	PLANNED OUTAGE	1/31/2017 11:25:17 AM	1,294.93	4
OH Other	PLANNED OUTAGE	1/31/2017 11:27:13 AM	965.70	3
OH Other	PLANNED OUTAGE	1/31/2017 12:06:44 PM	2,701.75	15
OH Other	PLANNED OUTAGE	1/31/2017 12:10:39 PM	74.35	3
OH Other	PLANNED OUTAGE	1/31/2017 1:03:07 PM	343.42	5
UG Other	PLANNED OUTAGE	1/31/2017 1:14:38 PM	283.10	6
UG Other	PLANNED OUTAGE	1/31/2017 1:14:38 PM	377.47	8
UG Other	PLANNED OUTAGE	1/31/2017 1:14:38 PM	707.75	15
OH Other	PLANNED OUTAGE	1/31/2017 1:41:02 PM	791.00	7
OH Other	PLANNED OUTAGE	1/31/2017 1:43:54 PM	386.47	4
OH Other	PLANNED OUTAGE	1/31/2017 2:14:42 PM	2,235.20	11
OH Other	PLANNED OUTAGE	1/31/2017 2:31:48 PM	533.98	7
OH Other	PLANNED OUTAGE	1/31/2017 2:31:56 PM	457.30	6
OH Other	PLANNED OUTAGE	2/1/2017 9:07:33 AM	4,892.80	12
OH Other	PLANNED OUTAGE	2/1/2017 9:11:37 AM	1,366.87	4
OH Other	PLANNED OUTAGE	2/1/2017 9:23:21 AM	977.50	15
OH Other	PLANNED OUTAGE	2/1/2017 9:47:32 AM	1,533.70	6
UG Other	PLANNED OUTAGE	2/1/2017 9:59:30 AM	126.95	3
OH Other	PLANNED OUTAGE	2/1/2017 10:35:35 AM	409.87	2
OH Other	PLANNED OUTAGE	2/1/2017 10:47:50 AM	2,192.17	7
OH Other	PLANNED OUTAGE	2/1/2017 10:48:06 AM	2,761.80	9
OH Other	PLANNED OUTAGE	2/1/2017 11:04:59 AM	1,528.22	7
OH Other	PLANNED OUTAGE	2/1/2017 11:14:15 AM	357.50	11
OH Other	PLANNED OUTAGE	2/1/2017 11:25:20 AM	1,045.17	5
OH Other	PLANNED OUTAGE	2/1/2017 12:28:44 PM	81.40	1
OH Other	PLANNED OUTAGE	2/1/2017 1:08:42 PM	1,412.37	7
UG Other	PLANNED OUTAGE	2/1/2017 1:15:10 PM	49.75	1
OH Other	PLANNED OUTAGE	2/1/2017 1:25:50 PM	508.17	10
OH Other	PLANNED OUTAGE	2/1/2017 3:04:29 PM	1,119.60	8
OH Other	PLANNED OUTAGE	2/1/2017 3:06:42 PM	1,102.93	8
OH Other	PLANNED OUTAGE	2/1/2017 3:57:04 PM	212.03	2
OH Other	PLANNED OUTAGE	2/2/2017 5:46:47 AM	1,146.43	2
UG Other	PLANNED OUTAGE	2/2/2017 7:53:14 AM	11,042.68	23
OH Other	PLANNED OUTAGE	2/2/2017 8:25:45 AM	1,954.25	5
OH Other	PLANNED OUTAGE	2/2/2017 8:41:38 AM	3,420.95	13
UG Other	PLANNED OUTAGE	2/2/2017 9:09:25 AM	371.80	4
UG Other	PLANNED OUTAGE	2/2/2017 9:32:50 AM	2,684.25	9
UG Other	PLANNED OUTAGE	2/2/2017 9:32:50 AM	2,684.25	9
OH Other	PLANNED OUTAGE	2/2/2017 9:34:18 AM	539.40	2
OH Other	PLANNED OUTAGE	2/2/2017 9:36:12 AM	7,747.50	18
OH Other	PLANNED OUTAGE	2/2/2017 9:40:36 AM	2,420.02	7
OH Other	PLANNED OUTAGE	2/2/2017 9:54:25 AM	957.42	5
OH Other	PLANNED OUTAGE	2/2/2017 10:08:51 AM	846.75	9

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	2/2/2017 10:30:19 AM	262.28	1
OH Other	PLANNED OUTAGE	2/2/2017 11:03:49 AM	3,892.40	12
OH Other	PLANNED OUTAGE	2/2/2017 11:19:35 AM	2,159.20	4
OH Other	PLANNED OUTAGE	2/2/2017 12:14:36 PM	869.93	4
OH Other	PLANNED OUTAGE	2/2/2017 12:16:50 PM	557.60	3
OH Other	PLANNED OUTAGE	2/2/2017 12:34:46 PM	1,974.53	8
URD Outage	PLANNED OUTAGE	2/2/2017 1:37:48 PM	349.70	6
UG Other	PLANNED OUTAGE	2/2/2017 1:37:48 PM	407.98	7
OH Other	PLANNED OUTAGE	2/2/2017 1:54:35 PM	329.58	7
PLF	PLANNED OUTAGE	2/3/2017 7:07:59 AM	4,084.80	96
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 8:33:50 AM	4,217.40	12
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 8:45:41 AM	143.00	2
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 9:07:30 AM	243.57	1
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 9:31:48 AM	1,570.57	14
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 9:32:15 AM	447.73	4
PLF	PLANNED OUTAGE	2/3/2017 10:04:38 AM	1,019.35	3
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 10:35:17 AM	139.40	4
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 11:13:52 AM	1,443.07	8
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 11:54:28 AM	670.17	10
TX Repaired (OH)	PLANNED OUTAGE	2/3/2017 12:59:47 PM	358.75	5
OH Other	PLANNED OUTAGE	2/4/2017 8:10:37 AM	843.97	2
Circuit Out	PLANNED OUTAGE	2/4/2017 1:20:26 PM	2,043.50	335
URD Outage	PLANNED OUTAGE	2/5/2017 5:14:52 PM	7,083.40	107
UG Other	PLANNED OUTAGE	2/6/2017 8:39:46 AM	113.77	1
OH Other	PLANNED OUTAGE	2/6/2017 9:18:40 AM	3,042.78	7
OH Other	PLANNED OUTAGE	2/6/2017 10:00:28 AM	786.40	2
OH Other	PLANNED OUTAGE	2/6/2017 10:37:46 AM	2,468.30	6
OH Other	PLANNED OUTAGE	2/6/2017 10:46:53 AM	104.27	2
OH Other	PLANNED OUTAGE	2/6/2017 10:51:31 AM	3,415.83	10
OH Other	PLANNED OUTAGE	2/6/2017 12:24:23 PM	1,753.10	6
OH Other	PLANNED OUTAGE	2/6/2017 12:39:53 PM	1,628.55	7
OH Other	PLANNED OUTAGE	2/6/2017 12:40:53 PM	2,506.93	7
OH Other	PLANNED OUTAGE	2/6/2017 12:50:21 PM	642.00	8
OH Other	PLANNED OUTAGE	2/7/2017 6:56:13 AM	4,183.00	6
OH Other	PLANNED OUTAGE	2/7/2017 8:37:58 AM	4,558.40	21
UG Other	PLANNED OUTAGE	2/7/2017 8:45:35 AM	202.25	5
OH Other	PLANNED OUTAGE	2/7/2017 8:51:48 AM	1,969.40	4
OH Other	PLANNED OUTAGE	2/7/2017 8:54:01 AM	1,755.33	5
UG Other	PLANNED OUTAGE	2/7/2017 9:03:16 AM	637.00	10
OH Other	PLANNED OUTAGE	2/7/2017 9:37:59 AM	1,242.17	5
OH Other	PLANNED OUTAGE	2/7/2017 9:39:02 AM	1,085.13	2
OH Other	PLANNED OUTAGE	2/7/2017 10:24:53 AM	1,534.28	7
OH Other	PLANNED OUTAGE	2/7/2017 10:35:52 AM	3,844.30	37
OH Other	PLANNED OUTAGE	2/7/2017 10:44:49 AM	721.57	2
OH Other	PLANNED OUTAGE	2/7/2017 10:47:45 AM	105.27	1
OH Other	PLANNED OUTAGE	2/7/2017 10:49:33 AM	1,058.08	5
OH Other	PLANNED OUTAGE	2/7/2017 10:51:29 AM	1,468.48	7
OH Other	PLANNED OUTAGE	2/7/2017 10:52:40 AM	874.15	3
OH Other	PLANNED OUTAGE	2/7/2017 10:52:46 AM	1,166.47	4
OH Other	PLANNED OUTAGE	2/7/2017 11:12:45 AM	1,468.25	5
OH Other	PLANNED OUTAGE	2/7/2017 11:19:47 AM	2,443.80	9
OH Other	PLANNED OUTAGE	2/7/2017 12:00:28 PM	641.60	6
OH Other	PLANNED OUTAGE	2/7/2017 1:54:20 PM	366.20	3

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	2/7/2017 1:58:51 PM	184.37	1
OH Other	PLANNED OUTAGE	2/7/2017 2:00:52 PM	276.10	11
OH Other	PLANNED OUTAGE	2/7/2017 2:27:38 PM	378.30	2
OH Other	PLANNED OUTAGE	2/8/2017 2:45:54 AM	916.93	26
OH Other	PLANNED OUTAGE	2/8/2017 8:02:55 AM	1,405.83	5
OH Other	PLANNED OUTAGE	2/8/2017 8:06:45 AM	1,242.15	21
OH Other	PLANNED OUTAGE	2/8/2017 8:31:19 AM	3,844.00	12
OH Other	PLANNED OUTAGE	2/8/2017 8:48:00 AM	3,019.33	7
OH Other	PLANNED OUTAGE	2/8/2017 8:48:07 AM	2,157.00	5
OH Other	PLANNED OUTAGE	2/8/2017 9:00:52 AM	1,895.92	5
OH Other	PLANNED OUTAGE	2/8/2017 9:05:02 AM	483.35	7
OH Other	PLANNED OUTAGE	2/8/2017 9:28:07 AM	1,614.70	6
OH Other	PLANNED OUTAGE	2/8/2017 9:47:38 AM	3,845.55	9
OH Other	PLANNED OUTAGE	2/8/2017 9:48:39 AM	1,380.13	4
OH Other	PLANNED OUTAGE	2/8/2017 9:56:03 AM	2,220.80	8
OH Other	PLANNED OUTAGE	2/8/2017 9:56:17 AM	3,499.20	12
OH Other	PLANNED OUTAGE	2/8/2017 9:57:34 AM	1,779.15	9
OH Other	PLANNED OUTAGE	2/8/2017 10:25:38 AM	1,551.20	4
OH Other	PLANNED OUTAGE	2/8/2017 10:47:33 AM	109.78	1
OH Other	PLANNED OUTAGE	2/8/2017 11:02:22 AM	40.57	2
OH Other	PLANNED OUTAGE	2/8/2017 11:15:10 AM	1,477.42	5
OH Other	PLANNED OUTAGE	2/8/2017 12:21:42 PM	680.30	3
OH Other	PLANNED OUTAGE	2/8/2017 2:06:01 PM	1,530.53	8
OH Other	PLANNED OUTAGE	2/8/2017 5:04:10 PM	1,741.95	9
OH Other	PLANNED OUTAGE	2/8/2017 5:11:18 PM	267.47	4
UG Other	PLANNED OUTAGE	2/9/2017 8:33:15 AM	176.33	1
UG Other	PLANNED OUTAGE	2/9/2017 9:09:42 AM	171.58	1
OH Other	PLANNED OUTAGE	2/9/2017 9:15:00 AM	1,388.13	8
OH Other	PLANNED OUTAGE	2/9/2017 9:25:36 AM	716.10	7
OH Other	PLANNED OUTAGE	2/9/2017 9:30:38 AM	974.50	3
OH Other	PLANNED OUTAGE	2/9/2017 9:40:20 AM	72.07	2
OH Other	PLANNED OUTAGE	2/9/2017 9:58:45 AM	3,277.47	8
OH Other	PLANNED OUTAGE	2/9/2017 10:31:59 AM	2,594.08	7
OH Other	PLANNED OUTAGE	2/9/2017 10:45:26 AM	612.13	4
OH Other	PLANNED OUTAGE	2/9/2017 10:52:47 AM	1,911.62	11
OH Other	PLANNED OUTAGE	2/9/2017 11:20:01 AM	2,968.40	12
OH Other	PLANNED OUTAGE	2/9/2017 11:23:05 AM	122.23	2
OH Other	PLANNED OUTAGE	2/9/2017 12:10:33 PM	359.83	5
OH Other	PLANNED OUTAGE	2/9/2017 12:26:05 PM	1,245.50	5
OH Other	PLANNED OUTAGE	2/9/2017 12:49:29 PM	10.52	1
UG Other	PLANNED OUTAGE	2/9/2017 12:54:08 PM	377.00	20
OH Other	PLANNED OUTAGE	2/9/2017 1:15:56 PM	94.32	1
OH Other	PLANNED OUTAGE	2/9/2017 2:27:40 PM	79.80	2
OH Other	PLANNED OUTAGE	2/9/2017 2:30:57 PM	4,463.20	24
OH Other	PLANNED OUTAGE	2/9/2017 2:37:41 PM	128.97	2
OH Other	PLANNED OUTAGE	2/10/2017 9:12:34 AM	919.00	12
OH Other	PLANNED OUTAGE	2/10/2017 9:51:28 AM	997.40	4
UG Other	PLANNED OUTAGE	2/10/2017 10:42:24 AM	65.15	1
OH Other	PLANNED OUTAGE	2/10/2017 12:58:00 PM	2,780.48	41
UG Other	PLANNED OUTAGE	2/11/2017 8:29:42 AM	227.95	1
OH Other	PLANNED OUTAGE	2/11/2017 11:16:48 AM	1,551.70	59
OH Other	PLANNED OUTAGE	2/11/2017 11:18:28 AM	737.00	10
OH Other	PLANNED OUTAGE	2/11/2017 10:13:11 PM	49.38	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	2/12/2017 1:10:41 PM	3,961.50	90
OH Other	PLANNED OUTAGE	2/12/2017 6:29:00 PM	71,635.47	761
Circuit Out	PLANNED OUTAGE	2/12/2017 6:33:25 PM	39,235.00	1596
OH Other	PLANNED OUTAGE	2/12/2017 9:56:00 PM	8,672.77	31
Circuit Out	PLANNED OUTAGE	2/13/2017 8:02:49 AM	12,581.25	1125
OH Other	PLANNED OUTAGE	2/13/2017 8:51:34 AM	535.15	7
OH Other	PLANNED OUTAGE	2/13/2017 8:56:31 AM	3,334.45	7
UG Other	PLANNED OUTAGE	2/13/2017 10:20:19 AM	152.85	3
OH Other	PLANNED OUTAGE	2/13/2017 10:22:22 AM	1,407.60	4
OH Other	PLANNED OUTAGE	2/13/2017 10:30:28 AM	575.60	3
OH Other	PLANNED OUTAGE	2/13/2017 10:35:21 AM	1,103.60	4
OH Other	PLANNED OUTAGE	2/13/2017 10:55:08 AM	346.83	5
OH Other	PLANNED OUTAGE	2/13/2017 10:57:51 AM	344.07	2
OH Other	PLANNED OUTAGE	2/13/2017 11:02:34 AM	689.90	2
OH Other	PLANNED OUTAGE	2/13/2017 11:13:18 AM	1,342.00	4
OH Other	PLANNED OUTAGE	2/13/2017 11:14:30 AM	3,529.07	13
OH Other	PLANNED OUTAGE	2/13/2017 11:36:04 AM	184.27	1
OH Other	PLANNED OUTAGE	2/13/2017 12:08:22 PM	2,215.80	9
Oil Switch	PLANNED OUTAGE	2/13/2017 12:14:04 PM	1,412.08	5
OH Other	PLANNED OUTAGE	2/13/2017 12:26:02 PM	267.38	1
UG Other	PLANNED OUTAGE	2/13/2017 12:26:53 PM	3,991.80	9
OH Other	PLANNED OUTAGE	2/13/2017 12:39:13 PM	490.50	6
OH Other	PLANNED OUTAGE	2/13/2017 1:08:14 PM	1,098.17	5
OH Other	PLANNED OUTAGE	2/13/2017 1:35:46 PM	478.62	13
OH Other	PLANNED OUTAGE	2/13/2017 1:38:11 PM	949.83	5
OH Other	PLANNED OUTAGE	2/13/2017 1:56:44 PM	518.20	3
OH Other	PLANNED OUTAGE	2/13/2017 1:58:37 PM	171.00	1
OH Other	PLANNED OUTAGE	2/13/2017 2:59:39 PM	299.13	4
OH Other	PLANNED OUTAGE	2/13/2017 4:37:45 PM	1,858.27	8
OH Other	PLANNED OUTAGE	2/14/2017 9:07:45 AM	1,276.80	3
OH Other	PLANNED OUTAGE	2/14/2017 9:25:19 AM	4,296.50	13
OH Other	PLANNED OUTAGE	2/14/2017 9:54:01 AM	352.00	4
OH Other	PLANNED OUTAGE	2/14/2017 10:02:25 AM	2,869.75	13
OH Other	PLANNED OUTAGE	2/14/2017 10:23:53 AM	572.25	7
OH Other	PLANNED OUTAGE	2/14/2017 10:27:39 AM	1,578.53	4
OH Other	PLANNED OUTAGE	2/14/2017 10:31:11 AM	39.42	1
OH Other	PLANNED OUTAGE	2/14/2017 10:31:23 AM	2,574.80	12
OH Other	PLANNED OUTAGE	2/14/2017 10:50:35 AM	1,959.90	9
OH Other	PLANNED OUTAGE	2/14/2017 11:04:01 AM	613.80	3
OH Other	PLANNED OUTAGE	2/14/2017 11:44:21 AM	2,000.02	7
OH Other	PLANNED OUTAGE	2/14/2017 11:44:33 AM	1,902.80	6
OH Other	PLANNED OUTAGE	2/14/2017 12:13:46 PM	7,689.87	16
OH Other	PLANNED OUTAGE	2/14/2017 12:30:35 PM	1,347.83	5
OH Other	PLANNED OUTAGE	2/14/2017 1:34:19 PM	220.38	7
OH Other	PLANNED OUTAGE	2/14/2017 2:18:21 PM	977.50	6
OH Other	PLANNED OUTAGE	2/15/2017 8:16:53 AM	6,210.67	10
OH Other	PLANNED OUTAGE	2/15/2017 8:23:23 AM	3,085.60	7
OH Other	PLANNED OUTAGE	2/15/2017 8:30:45 AM	1,316.95	3
OH Other	PLANNED OUTAGE	2/15/2017 8:30:50 AM	3,036.67	5
UG Other	PLANNED OUTAGE	2/15/2017 8:33:24 AM	9,618.67	32
OH Other	PLANNED OUTAGE	2/15/2017 8:51:45 AM	4,387.93	26
OH Other	PLANNED OUTAGE	2/15/2017 9:08:34 AM	213.02	1
OH Other	PLANNED OUTAGE	2/15/2017 9:14:38 AM	21,734.67	40

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	2/15/2017 9:16:24 AM	1,248.75	3
OH Other	PLANNED OUTAGE	2/15/2017 9:27:12 AM	1,259.92	5
OH Other	PLANNED OUTAGE	2/15/2017 9:29:58 AM	3,229.07	8
OH Other	PLANNED OUTAGE	2/15/2017 9:32:13 AM	2,264.10	9
OH Other	PLANNED OUTAGE	2/15/2017 9:33:08 AM	2,006.92	5
OH Other	PLANNED OUTAGE	2/15/2017 9:33:47 AM	2,007.25	5
OH Other	PLANNED OUTAGE	2/15/2017 9:57:32 AM	3,406.80	9
OH Other	PLANNED OUTAGE	2/15/2017 10:37:40 AM	737.47	4
OH Other	PLANNED OUTAGE	2/15/2017 10:47:28 AM	1,460.92	5
OH Other	PLANNED OUTAGE	2/15/2017 12:04:59 PM	1,300.20	6
OH Other	PLANNED OUTAGE	2/15/2017 1:44:49 PM	580.90	3
Circuit Out	PLANNED OUTAGE	2/15/2017 5:18:09 PM	14,509.73	1522
OH Other	PLANNED OUTAGE	2/16/2017 9:10:28 AM	4,078.20	12
OH Other	PLANNED OUTAGE	2/16/2017 9:11:29 AM	196.02	1
OH Other	PLANNED OUTAGE	2/16/2017 9:11:41 AM	949.73	4
OH Other	PLANNED OUTAGE	2/16/2017 9:20:34 AM	4,299.47	8
OH Other	PLANNED OUTAGE	2/16/2017 9:25:56 AM	5,401.07	4
OH Other	PLANNED OUTAGE	2/16/2017 9:42:37 AM	3,889.25	15
OH Other	PLANNED OUTAGE	2/16/2017 9:43:02 AM	2,625.50	10
OH Other	PLANNED OUTAGE	2/16/2017 9:58:53 AM	1,954.50	10
OH Other	PLANNED OUTAGE	2/16/2017 10:06:08 AM	2,565.50	10
OH Other	PLANNED OUTAGE	2/16/2017 10:30:05 AM	3,562.90	11
UG Other	PLANNED OUTAGE	2/16/2017 10:49:25 AM	17,847.33	95
OH Other	PLANNED OUTAGE	2/16/2017 12:03:55 PM	356.58	11
OH Other	PLANNED OUTAGE	2/16/2017 12:19:14 PM	13.27	1
UG Other	PLANNED OUTAGE	2/16/2017 1:54:00 PM	4,230.73	68
UG Other	PLANNED OUTAGE	2/16/2017 1:54:00 PM	376.00	6
OH Other	PLANNED OUTAGE	2/16/2017 5:09:34 PM	261.73	4
OH Other	PLANNED OUTAGE	2/16/2017 5:18:15 PM	113.50	2
Circuit Out	PLANNED OUTAGE	2/17/2017 4:20:26 AM	976.50	651
OH Other	PLANNED OUTAGE	2/17/2017 8:58:00 AM	3,406.95	9
OH Other	PLANNED OUTAGE	2/17/2017 9:41:56 AM	1,163.30	3
OH Other	PLANNED OUTAGE	2/17/2017 10:00:05 AM	718.53	4
UG Other	PLANNED OUTAGE	2/17/2017 12:02:01 PM	356.73	4
Service - Crew	PLANNED OUTAGE	2/17/2017 12:28:41 PM	271.32	1
PLF	PLANNED OUTAGE	2/18/2017 8:21:04 AM	3,791.67	13
PLF	PLANNED OUTAGE	2/18/2017 12:55:09 PM	40.02	1
UG Other	PLANNED OUTAGE	2/19/2017 7:54:56 AM	171.73	1
OH Other	PLANNED OUTAGE	2/19/2017 8:08:02 AM	218.02	1
OH Other	PLANNED OUTAGE	2/19/2017 8:10:32 AM	951.80	6
OH Other	PLANNED OUTAGE	2/19/2017 8:10:55 AM	950.30	6
OH Other	PLANNED OUTAGE	2/19/2017 10:49:50 AM	681.70	6
OH Other	PLANNED OUTAGE	2/19/2017 11:48:43 AM	4,614.40	21
OH Other	PLANNED OUTAGE	2/19/2017 4:15:08 PM	475.75	3
OH Other	PLANNED OUTAGE	2/20/2017 8:20:22 AM	505.85	1
OH Other	PLANNED OUTAGE	2/20/2017 8:24:10 AM	1,773.47	4
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 8:58:59 AM	3,514.80	9
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 9:41:25 AM	4,331.33	8
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 9:42:50 AM	2,267.60	6
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 9:46:30 AM	722.93	8
PLF	PLANNED OUTAGE	2/20/2017 10:06:48 AM	655.77	2
OH Other	PLANNED OUTAGE	2/20/2017 10:13:20 AM	613.33	8
OH Other	PLANNED OUTAGE	2/20/2017 11:59:53 AM	290.98	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 12:16:16 PM	1,905.87	8
OH Other	PLANNED OUTAGE	2/20/2017 12:59:11 PM	1,265.72	7
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 1:11:19 PM	619.53	4
OH Other	PLANNED OUTAGE	2/20/2017 1:12:19 PM	1,581.47	8
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 1:24:50 PM	36.73	1
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 1:25:47 PM	300.65	7
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 1:31:21 PM	2,264.90	6
OH Other	PLANNED OUTAGE	2/20/2017 2:52:51 PM	459.33	5
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 3:53:58 PM	2,111.55	9
TX Repaired (OH)	PLANNED OUTAGE	2/20/2017 4:28:24 PM	399.43	2
OH Other	PLANNED OUTAGE	2/21/2017 7:42:37 AM	733.50	1
OH Other	PLANNED OUTAGE	2/21/2017 8:01:09 AM	728.75	1
OH Other	PLANNED OUTAGE	2/21/2017 8:40:52 AM	638.13	8
OH Other	PLANNED OUTAGE	2/21/2017 8:55:05 AM	2,285.10	9
OH Other	PLANNED OUTAGE	2/21/2017 9:20:01 AM	880.73	2
OH Other	PLANNED OUTAGE	2/21/2017 9:43:10 AM	136.83	1
OH Other	PLANNED OUTAGE	2/21/2017 9:57:59 AM	795.07	4
OH Other	PLANNED OUTAGE	2/21/2017 10:03:13 AM	1,264.40	8
OH Other	PLANNED OUTAGE	2/21/2017 10:08:45 AM	1,180.97	2
OH Other	PLANNED OUTAGE	2/21/2017 10:32:55 AM	901.73	2
OH Other	PLANNED OUTAGE	2/21/2017 10:36:22 AM	3,394.17	10
OH Other	PLANNED OUTAGE	2/21/2017 10:56:24 AM	203.35	1
OH Other	PLANNED OUTAGE	2/21/2017 10:56:31 AM	3,682.80	18
OH Other	PLANNED OUTAGE	2/21/2017 10:57:07 AM	1,088.07	2
OH Other	PLANNED OUTAGE	2/21/2017 11:29:41 AM	693.27	4
OH Other	PLANNED OUTAGE	2/21/2017 12:04:15 PM	230.83	2
OH Other	PLANNED OUTAGE	2/21/2017 12:20:06 PM	2,455.80	9
OH Other	PLANNED OUTAGE	2/21/2017 12:39:33 PM	464.10	7
OH Other	PLANNED OUTAGE	2/21/2017 1:09:18 PM	16.73	1
OH Other	PLANNED OUTAGE	2/21/2017 1:47:32 PM	1,501.47	4
OH Other	PLANNED OUTAGE	2/21/2017 3:40:08 PM	67.50	3
OH Other	PLANNED OUTAGE	2/22/2017 11:48:45 AM	2,534.47	4
OH Other	PLANNED OUTAGE	2/22/2017 1:03:56 PM	88.23	2
OH Other	PLANNED OUTAGE	2/23/2017 7:42:32 AM	10,099.00	15
OH Other	PLANNED OUTAGE	2/23/2017 8:45:57 AM	1,038.92	7
OH Other	PLANNED OUTAGE	2/23/2017 9:38:39 AM	1,502.42	5
OH Other	PLANNED OUTAGE	2/23/2017 9:41:01 AM	82.68	1
OH Other	PLANNED OUTAGE	2/23/2017 10:10:44 AM	1,363.70	6
OH Other	PLANNED OUTAGE	2/23/2017 10:16:23 AM	517.63	1
OH Other	PLANNED OUTAGE	2/23/2017 10:29:51 AM	1,007.07	2
OH Other	PLANNED OUTAGE	2/23/2017 11:18:38 AM	1,350.85	3
OH Other	PLANNED OUTAGE	2/23/2017 11:29:02 AM	959.00	3
OH Other	PLANNED OUTAGE	2/23/2017 11:51:15 AM	450.33	10
OH Other	PLANNED OUTAGE	2/23/2017 12:51:55 PM	1,081.90	3
OH Other	PLANNED OUTAGE	2/23/2017 12:53:33 PM	222.43	1
OH Other	PLANNED OUTAGE	2/23/2017 4:55:33 PM	320.30	2
Circuit Out	PLANNED OUTAGE	2/23/2017 9:48:40 PM	1,712.00	321
Circuit Out	PLANNED OUTAGE	2/23/2017 9:48:40 PM	2,501.33	469
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 5:06:58 AM	678.33	4
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 7:08:18 AM	582.00	6
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 8:09:35 AM	3,845.18	13
PLF	PLANNED OUTAGE	2/24/2017 8:17:16 AM	363.73	2
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 9:01:04 AM	652.93	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 9:10:59 AM	382.17	1
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 9:19:17 AM	1,636.53	4
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 9:31:36 AM	439.87	4
OH Other	PLANNED OUTAGE	2/24/2017 10:19:25 AM	386.15	1
TX Repaired (PM)	PLANNED OUTAGE	2/24/2017 11:26:44 AM	13,456.80	112
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 11:48:20 AM	253.92	5
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 12:34:06 PM	184.48	1
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 1:05:15 PM	346.70	2
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 1:33:16 PM	129.97	1
PLF	PLANNED OUTAGE	2/24/2017 1:51:01 PM	1,204.83	10
TX Repaired (OH)	PLANNED OUTAGE	2/24/2017 11:51:26 PM	550.93	2
TX Repaired (OH)	PLANNED OUTAGE	2/26/2017 7:55:39 AM	576.68	7
TX Repaired (OH)	PLANNED OUTAGE	2/26/2017 7:55:39 AM	966.90	3
TX Repaired (OH)	PLANNED OUTAGE	2/26/2017 8:39:13 AM	848.80	3
Switch 600 amp	PLANNED OUTAGE	2/26/2017 12:43:43 PM	510.80	24
Switch 600 amp	PLANNED OUTAGE	2/26/2017 2:33:22 PM	1,428.60	4
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 6:05:21 AM	551.05	3
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 8:03:52 AM	3,314.50	7
TX Repaired (PM)	PLANNED OUTAGE	2/27/2017 8:35:57 AM	120.27	1
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 8:48:26 AM	2,134.70	6
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 9:21:14 AM	312.85	1
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 9:39:41 AM	337.40	1
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 9:43:08 AM	2,507.20	8
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 10:06:21 AM	421.87	2
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 10:20:15 AM	1,647.90	6
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 10:39:11 AM	2,789.87	8
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 11:16:06 AM	794.33	4
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 11:25:01 AM	2,709.20	8
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 11:35:21 AM	131.20	4
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 12:43:30 PM	2,304.93	8
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 1:53:10 PM	2,569.73	4
TX Repaired (OH)	PLANNED OUTAGE	2/27/2017 2:50:24 PM	1,046.25	9
TX Repaired (PM)	PLANNED OUTAGE	2/28/2017 12:07:53 AM	899.20	8
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 8:14:25 AM	4,166.40	9
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 9:03:07 AM	1,617.87	4
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 9:09:33 AM	2,863.23	7
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 9:20:51 AM	164.22	1
TX Repaired (PM)	PLANNED OUTAGE	2/28/2017 9:37:43 AM	2,819.55	9
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 9:45:58 AM	2,594.20	7
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 10:01:43 AM	2,474.15	7
TX Repaired (PM)	PLANNED OUTAGE	2/28/2017 10:14:01 AM	2,876.40	24
OH Other	PLANNED OUTAGE	2/28/2017 12:03:22 PM	180.38	1
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 12:03:51 PM	267.65	3
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 12:08:01 PM	861.00	10
OH Other	PLANNED OUTAGE	2/28/2017 12:38:18 PM	369.07	1
TX Repaired (OH)	PLANNED OUTAGE	2/28/2017 12:47:06 PM	1,822.00	5
UG Other	PLANNED OUTAGE	2/28/2017 2:12:48 PM	272.60	1
OH Other	PLANNED OUTAGE	2/28/2017 2:18:21 PM	272.33	1
OH Other	PLANNED OUTAGE	3/1/2017 8:20:09 AM	1,799.87	4
UG Other	PLANNED OUTAGE	3/1/2017 8:25:00 AM	1,560.33	10
TX Repaired (OH)	PLANNED OUTAGE	3/1/2017 8:32:05 AM	2,432.00	8
OH Other	PLANNED OUTAGE	3/1/2017 8:42:03 AM	1,631.80	4
OH Other	PLANNED OUTAGE	3/1/2017 8:51:43 AM	874.53	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	3/1/2017 8:51:50 AM	877.00	2
OH Other	PLANNED OUTAGE	3/1/2017 8:53:37 AM	830.10	6
OH Other	PLANNED OUTAGE	3/1/2017 9:02:24 AM	1,249.20	4
OH Other	PLANNED OUTAGE	3/1/2017 9:02:47 AM	4,564.95	9
OH Other	PLANNED OUTAGE	3/1/2017 9:49:18 AM	914.90	7
OH Other	PLANNED OUTAGE	3/1/2017 10:02:18 AM	281.48	1
OH Other	PLANNED OUTAGE	3/1/2017 10:04:07 AM	2,226.75	5
OH Other	PLANNED OUTAGE	3/1/2017 10:04:13 AM	2,676.70	6
OH Other	PLANNED OUTAGE	3/1/2017 10:27:15 AM	222.20	2
OH Other	PLANNED OUTAGE	3/1/2017 10:31:07 AM	85.88	1
TX Repaired (OH)	PLANNED OUTAGE	3/1/2017 10:51:26 AM	3,996.33	10
TX Repaired (OH)	PLANNED OUTAGE	3/1/2017 11:44:47 AM	261.20	2
OH Other	PLANNED OUTAGE	3/1/2017 2:52:57 PM	3,286.13	8
OH Other	PLANNED OUTAGE	3/2/2017 7:50:02 AM	6,505.83	10
OH Other	PLANNED OUTAGE	3/2/2017 9:01:11 AM	375.93	2
UG Other	PLANNED OUTAGE	3/2/2017 9:21:38 AM	2,724.15	9
OH Other	PLANNED OUTAGE	3/2/2017 10:31:04 AM	1,468.30	3
OH Other	PLANNED OUTAGE	3/2/2017 10:41:10 AM	1,537.50	6
OH Other	PLANNED OUTAGE	3/2/2017 10:42:25 AM	290.55	1
OH Other	PLANNED OUTAGE	3/2/2017 10:48:57 AM	381.43	2
OH Other	PLANNED OUTAGE	3/2/2017 10:49:03 AM	763.07	4
OH Other	PLANNED OUTAGE	3/2/2017 10:57:30 AM	457.67	1
UG Other	PLANNED OUTAGE	3/2/2017 11:15:12 AM	117.02	17
OH Other	PLANNED OUTAGE	3/2/2017 12:02:23 PM	1,592.07	4
None	PLANNED OUTAGE	3/2/2017 1:04:46 PM	3,969.33	52
None	PLANNED OUTAGE	3/2/2017 1:04:46 PM	1,388.40	52
OH Other	PLANNED OUTAGE	3/2/2017 3:08:32 PM	423.50	2
OH Other	PLANNED OUTAGE	3/3/2017 8:22:10 AM	1,007.23	2
URD Outage	PLANNED OUTAGE	3/3/2017 8:32:09 AM	512.80	4
UG Other	PLANNED OUTAGE	3/3/2017 8:42:03 AM	1,703.30	6
OH Other	PLANNED OUTAGE	3/3/2017 9:21:33 AM	657.27	2
OH Other	PLANNED OUTAGE	3/3/2017 9:27:39 AM	3,517.47	8
OH Other	PLANNED OUTAGE	3/3/2017 10:01:50 AM	1,873.40	6
UG Other	PLANNED OUTAGE	3/3/2017 10:04:47 AM	206.05	1
OH Other	PLANNED OUTAGE	3/3/2017 11:21:15 AM	2,903.55	9
OH Other	PLANNED OUTAGE	3/3/2017 11:22:19 AM	3,223.33	10
OH Other	PLANNED OUTAGE	3/3/2017 11:25:35 AM	1,592.80	8
OH Other	PLANNED OUTAGE	3/3/2017 12:00:30 PM	685.27	4
UG Other	PLANNED OUTAGE	3/3/2017 3:22:57 PM	172.00	1
OH Other	PLANNED OUTAGE	3/4/2017 2:47:49 PM	396.75	3
OH Other	PLANNED OUTAGE	3/6/2017 9:28:53 AM	3,696.80	6
OH Other	PLANNED OUTAGE	3/6/2017 9:50:53 AM	531.43	2
OH Other	PLANNED OUTAGE	3/6/2017 9:55:26 AM	30.42	1
OH Other	PLANNED OUTAGE	3/6/2017 9:57:04 AM	2,498.00	10
OH Other	PLANNED OUTAGE	3/6/2017 10:10:14 AM	409.33	1
OH Other	PLANNED OUTAGE	3/6/2017 10:13:33 AM	2,166.20	6
OH Other	PLANNED OUTAGE	3/6/2017 10:28:17 AM	169.65	3
OH Other	PLANNED OUTAGE	3/6/2017 10:29:14 AM	231.28	1
OH Other	PLANNED OUTAGE	3/6/2017 11:25:28 AM	2,046.40	8
OH Other	PLANNED OUTAGE	3/6/2017 12:19:29 PM	404.93	4
OH Other	PLANNED OUTAGE	3/6/2017 12:26:41 PM	184.68	1
OH Other	PLANNED OUTAGE	3/6/2017 1:00:52 PM	256.73	2
OH Other	PLANNED OUTAGE	3/6/2017 2:09:28 PM	1,342.53	8

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	3/6/2017 2:17:52 PM	621.50	6
UG Other	PLANNED OUTAGE	3/7/2017 1:27:08 AM	5,529.33	22
OH Other	PLANNED OUTAGE	3/7/2017 8:37:09 AM	1,314.25	5
OH Other	PLANNED OUTAGE	3/7/2017 8:43:16 AM	5,835.70	13
OH Other	PLANNED OUTAGE	3/7/2017 9:11:13 AM	2,117.92	5
OH Other	PLANNED OUTAGE	3/7/2017 9:28:03 AM	3,259.07	8
OH Other	PLANNED OUTAGE	3/7/2017 10:33:07 AM	254.38	1
OH Other	PLANNED OUTAGE	3/7/2017 10:45:17 AM	312.70	2
OH Other	PLANNED OUTAGE	3/7/2017 10:59:54 AM	458.17	5
OH Other	PLANNED OUTAGE	3/7/2017 11:02:08 AM	1,033.25	1
OH Other	PLANNED OUTAGE	3/7/2017 11:29:05 AM	3,658.97	11
OH Other	PLANNED OUTAGE	3/7/2017 11:32:46 AM	1,046.13	4
OH Other	PLANNED OUTAGE	3/7/2017 11:39:12 AM	2,988.20	3
OH Other	PLANNED OUTAGE	3/7/2017 12:04:37 PM	654.67	2
OH Other	PLANNED OUTAGE	3/7/2017 12:29:34 PM	203.45	1
OH Other	PLANNED OUTAGE	3/7/2017 12:48:09 PM	498.13	8
OH Other	PLANNED OUTAGE	3/7/2017 2:02:24 PM	39.10	1
OH Other	PLANNED OUTAGE	3/7/2017 2:04:05 PM	1,257.47	8
OH Other	PLANNED OUTAGE	3/7/2017 2:04:58 PM	134.88	1
OH Other	PLANNED OUTAGE	3/7/2017 2:19:42 PM	71.55	1
OH Other	PLANNED OUTAGE	3/7/2017 3:52:43 PM	762.60	6
OH Other	PLANNED OUTAGE	3/7/2017 9:35:49 PM	1,590.47	4
OH Other	PLANNED OUTAGE	3/8/2017 8:29:38 AM	3,747.30	9
OH Other	PLANNED OUTAGE	3/8/2017 9:00:35 AM	2,302.93	8
OH Other	PLANNED OUTAGE	3/8/2017 9:18:21 AM	64.27	1
OH Other	PLANNED OUTAGE	3/8/2017 9:21:55 AM	3,926.13	8
OH Other	PLANNED OUTAGE	3/8/2017 9:24:57 AM	123.27	2
OH Other	PLANNED OUTAGE	3/8/2017 9:36:18 AM	952.37	2
OH Other	PLANNED OUTAGE	3/8/2017 9:37:59 AM	1,536.30	9
OH Other	PLANNED OUTAGE	3/8/2017 9:57:14 AM	329.90	1
OH Other	PLANNED OUTAGE	3/8/2017 10:02:16 AM	368.70	9
OH Other	PLANNED OUTAGE	3/8/2017 10:40:11 AM	343.47	2
OH Other	PLANNED OUTAGE	3/8/2017 10:42:31 AM	303.27	2
OH Other	PLANNED OUTAGE	3/8/2017 10:44:52 AM	1,294.20	9
OH Other	PLANNED OUTAGE	3/8/2017 10:46:39 AM	73.73	1
OH Other	PLANNED OUTAGE	3/8/2017 10:50:34 AM	557.40	3
OH Other	PLANNED OUTAGE	3/8/2017 11:06:15 AM	258.60	1
OH Other	PLANNED OUTAGE	3/8/2017 11:06:21 AM	219.82	11
OH Other	PLANNED OUTAGE	3/8/2017 11:08:23 AM	383.85	1
OH Other	PLANNED OUTAGE	3/8/2017 11:26:09 AM	237.72	1
OH Other	PLANNED OUTAGE	3/8/2017 11:32:53 AM	103.13	7
PLF	PLANNED OUTAGE	3/8/2017 11:46:19 AM	1,721.47	8
URD Outage	PLANNED OUTAGE	3/8/2017 11:46:20 AM	10,757.75	37
OH Other	PLANNED OUTAGE	3/8/2017 1:05:09 PM	266.85	1
OH Other	PLANNED OUTAGE	3/8/2017 1:16:48 PM	765.10	3
OH Other	PLANNED OUTAGE	3/8/2017 2:54:26 PM	628.40	4
OH Other	PLANNED OUTAGE	3/8/2017 8:39:40 PM	3,671.10	9
PLF	PLANNED OUTAGE	3/9/2017 3:26:38 AM	302.10	3
PLF	PLANNED OUTAGE	3/9/2017 6:37:08 AM	1,071.87	2
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 8:11:06 AM	930.95	3
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 8:17:13 AM	1,217.27	4
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 8:28:45 AM	167.58	5
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 8:37:42 AM	360.00	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 8:59:40 AM	1,473.40	2
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 9:29:52 AM	2,701.33	10
PLF	PLANNED OUTAGE	3/9/2017 9:37:30 AM	62.78	1
OH Other	PLANNED OUTAGE	3/9/2017 9:58:50 AM	64,093.33	80
OH Other	PLANNED OUTAGE	3/9/2017 9:58:50 AM	85,617.83	107
Step Restoration	PLANNED OUTAGE	3/9/2017 9:58:50 AM	518.80	2
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 10:01:47 AM	997.85	3
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 10:12:58 AM	664.00	1
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 10:13:07 AM	1,717.17	5
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 10:15:56 AM	1,744.40	8
OH Other	PLANNED OUTAGE	3/9/2017 10:16:47 AM	30.38	1
OH Other	PLANNED OUTAGE	3/9/2017 10:49:25 AM	1,235.13	4
OH Other	PLANNED OUTAGE	3/9/2017 1:16:23 PM	156.25	1
OH Other	PLANNED OUTAGE	3/9/2017 1:16:28 PM	476.60	1
TX Repaired (OH)	PLANNED OUTAGE	3/9/2017 2:02:35 PM	1,730.20	4
Connections	PLANNED OUTAGE	3/10/2017 8:12:42 AM	617.30	1
OH Other	PLANNED OUTAGE	3/10/2017 8:22:36 AM	1,890.20	3
OH Other	PLANNED OUTAGE	3/10/2017 8:47:49 AM	1,012.95	3
OH Other	PLANNED OUTAGE	3/10/2017 11:11:17 AM	248.50	1
OH Other	PLANNED OUTAGE	3/10/2017 11:16:08 AM	433.87	1
PLF	PLANNED OUTAGE	3/10/2017 11:37:52 AM	32.17	1
OH Other	PLANNED OUTAGE	3/11/2017 12:00:37 PM	299.40	1
OH Other	PLANNED OUTAGE	3/11/2017 8:24:40 PM	5,482.00	12
OH Other	PLANNED OUTAGE	3/12/2017 8:27:24 AM	403.80	6
OH Other	PLANNED OUTAGE	3/12/2017 10:54:16 AM	9,304.53	122
OH Other	PLANNED OUTAGE	3/12/2017 10:57:54 AM	5,271.27	37
Circuit Out	PLANNED OUTAGE	3/12/2017 2:18:34 PM	725.40	1674
OH Other	PLANNED OUTAGE	3/13/2017 9:00:16 AM	3,264.13	8
OH Other	PLANNED OUTAGE	3/13/2017 9:01:01 AM	1,631.80	4
OH Other	PLANNED OUTAGE	3/13/2017 9:16:07 AM	1,533.85	3
OH Other	PLANNED OUTAGE	3/13/2017 9:17:54 AM	510.53	1
OH Other	PLANNED OUTAGE	3/13/2017 9:33:46 AM	2,525.58	5
OH Other	PLANNED OUTAGE	3/13/2017 9:57:19 AM	2,371.67	5
OH Other	PLANNED OUTAGE	3/13/2017 12:18:32 PM	2,048.10	6
Circuit Out	PLANNED OUTAGE	3/13/2017 8:36:57 PM	12,554.10	1131
Circuit Out	PLANNED OUTAGE	3/13/2017 9:11:08 PM	6,079.50	1737
OH Other	PLANNED OUTAGE	3/14/2017 6:09:33 AM	1,126.30	14
UG Other	PLANNED OUTAGE	3/14/2017 8:50:30 AM	117.82	1
OH Other	PLANNED OUTAGE	3/14/2017 9:01:36 AM	996.47	2
UG Other	PLANNED OUTAGE	3/14/2017 9:20:13 AM	517.17	10
OH Other	PLANNED OUTAGE	3/14/2017 9:41:04 AM	3,196.67	8
OH Other	PLANNED OUTAGE	3/14/2017 9:49:50 AM	783.20	2
OH Other	PLANNED OUTAGE	3/14/2017 9:54:57 AM	5,350.80	12
OH Other	PLANNED OUTAGE	3/14/2017 10:13:42 AM	1,772.67	10
OH Other	PLANNED OUTAGE	3/14/2017 10:47:24 AM	220.00	15
OH Other	PLANNED OUTAGE	3/14/2017 10:47:24 AM	9,414.00	15
OH Other	PLANNED OUTAGE	3/14/2017 1:19:12 PM	225.37	2
Circuit Out	PLANNED OUTAGE	3/14/2017 6:34:10 PM	17,354.80	2018
OH Other	PLANNED OUTAGE	3/15/2017 3:35:05 AM	802.93	2
OH Other	PLANNED OUTAGE	3/15/2017 3:36:24 AM	4,017.00	10
OH Other	PLANNED OUTAGE	3/15/2017 7:33:04 AM	645.00	1
OH Other	PLANNED OUTAGE	3/15/2017 7:44:18 AM	331.30	1
OH Other	PLANNED OUTAGE	3/15/2017 7:56:50 AM	148.18	17

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	3/15/2017 8:03:10 AM	2,842.50	9
OH Other	PLANNED OUTAGE	3/15/2017 8:35:31 AM	2,179.80	6
OH Other	PLANNED OUTAGE	3/15/2017 8:51:53 AM	1,158.33	2
OH Other	PLANNED OUTAGE	3/15/2017 9:01:04 AM	4,633.20	12
OH Other	PLANNED OUTAGE	3/15/2017 9:05:30 AM	419.33	5
OH Other	PLANNED OUTAGE	3/15/2017 9:18:59 AM	4,068.20	12
OH Other	PLANNED OUTAGE	3/15/2017 9:43:51 AM	3,786.47	13
UG Other	PLANNED OUTAGE	3/15/2017 10:09:32 AM	20,152.68	139
UG Other	PLANNED OUTAGE	3/15/2017 10:09:32 AM	5,772.72	31
UG Other	PLANNED OUTAGE	3/15/2017 10:09:32 AM	49,635.90	262
OH Other	PLANNED OUTAGE	3/15/2017 11:14:59 AM	247.32	1
UG Other	PLANNED OUTAGE	3/15/2017 11:17:01 AM	203.75	1
OH Other	PLANNED OUTAGE	3/15/2017 11:29:52 AM	517.65	3
OH Other	PLANNED OUTAGE	3/15/2017 11:32:45 AM	1,347.00	10
OH Other	PLANNED OUTAGE	3/15/2017 12:34:20 PM	368.95	3
OH Other	PLANNED OUTAGE	3/15/2017 1:44:05 PM	863.60	3
OH Other	PLANNED OUTAGE	3/15/2017 1:46:39 PM	604.08	11
Service - Crew	PLANNED OUTAGE	3/15/2017 2:35:27 PM	485.93	1
OH Other	PLANNED OUTAGE	3/15/2017 4:15:36 PM	379.25	3
OH Other	PLANNED OUTAGE	3/16/2017 7:53:58 AM	3,672.50	10
OH Other	PLANNED OUTAGE	3/16/2017 7:54:20 AM	2,598.28	7
PLF	PLANNED OUTAGE	3/16/2017 9:08:38 AM	203.42	5
OH Other	PLANNED OUTAGE	3/16/2017 9:38:28 AM	7,521.67	20
OH Other	PLANNED OUTAGE	3/16/2017 10:25:58 AM	4,175.60	11
OH Other	PLANNED OUTAGE	3/16/2017 12:07:23 PM	205.47	1
OH Other	PLANNED OUTAGE	3/16/2017 12:13:23 PM	393.40	2
OH Other	PLANNED OUTAGE	3/16/2017 1:34:36 PM	468.20	6
OH Other	PLANNED OUTAGE	3/16/2017 2:34:28 PM	137.20	1
OH Other	PLANNED OUTAGE	3/17/2017 8:59:17 AM	7,493.50	21
OH Other	PLANNED OUTAGE	3/17/2017 10:32:30 AM	2,383.80	9
UG Other	PLANNED OUTAGE	3/17/2017 3:27:16 PM	5,607.47	56
UG Other	PLANNED OUTAGE	3/17/2017 3:27:16 PM	11,092.97	134
OH Other	PLANNED OUTAGE	3/17/2017 3:27:16 PM	6,606.93	19
Circuit Out	PLANNED OUTAGE	3/17/2017 4:14:33 PM	35.50	1
OH Other	PLANNED OUTAGE	3/18/2017 10:09:50 AM	600.87	4
OH Other	PLANNED OUTAGE	3/19/2017 7:50:23 AM	114.03	1
OH Other	PLANNED OUTAGE	3/19/2017 1:23:37 PM	32,531.40	297
Service - Non Crew	PLANNED OUTAGE	3/20/2017 8:39:25 AM	128.78	1
TX Repaired (OH)	PLANNED OUTAGE	3/20/2017 8:47:15 AM	4,050.15	9
TX Repaired (OH)	PLANNED OUTAGE	3/20/2017 9:24:44 AM	988.40	8
OH Other	PLANNED OUTAGE	3/20/2017 9:33:42 AM	1,213.67	4
UG Other	PLANNED OUTAGE	3/20/2017 9:40:57 AM	1,782.90	18
OH Other	PLANNED OUTAGE	3/20/2017 9:42:55 AM	6,134.50	10
OH Other	PLANNED OUTAGE	3/20/2017 9:51:03 AM	1,568.70	7
OH Other	PLANNED OUTAGE	3/20/2017 9:58:54 AM	190.80	1
OH Other	PLANNED OUTAGE	3/20/2017 10:36:29 AM	1,941.10	6
OH Other	PLANNED OUTAGE	3/20/2017 10:39:18 AM	681.67	2
OH Other	PLANNED OUTAGE	3/20/2017 10:45:03 AM	2,279.60	8
UG Other	PLANNED OUTAGE	3/20/2017 10:45:17 AM	471.90	9
OH Other	PLANNED OUTAGE	3/20/2017 10:49:24 AM	1,863.60	6
OH Other	PLANNED OUTAGE	3/20/2017 11:07:12 AM	82.80	1
OH Other	PLANNED OUTAGE	3/20/2017 12:16:36 PM	751.13	4
OH Other	PLANNED OUTAGE	3/20/2017 12:26:27 PM	433.10	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	3/20/2017 12:45:12 PM	111.58	1
OH Other	PLANNED OUTAGE	3/20/2017 1:17:42 PM	1,447.80	9
OH Other	PLANNED OUTAGE	3/20/2017 1:52:51 PM	161.43	1
OH Other	PLANNED OUTAGE	3/21/2017 4:33:34 AM	55.37	1
OH Other	PLANNED OUTAGE	3/21/2017 8:43:37 AM	3,406.23	17
OH Other	PLANNED OUTAGE	3/21/2017 9:43:02 AM	42.52	1
OH Other	PLANNED OUTAGE	3/21/2017 10:04:54 AM	2,035.00	3
OH Other	PLANNED OUTAGE	3/21/2017 10:24:34 AM	5,262.00	8
UG Other	PLANNED OUTAGE	3/21/2017 10:43:20 AM	184.70	1
OH Other	PLANNED OUTAGE	3/21/2017 10:52:40 AM	877.00	5
OH Other	PLANNED OUTAGE	3/21/2017 10:53:39 AM	2,651.73	8
OH Other	PLANNED OUTAGE	3/21/2017 10:53:46 AM	472.53	4
OH Other	PLANNED OUTAGE	3/21/2017 11:04:12 AM	1,434.67	10
OH Other	PLANNED OUTAGE	3/21/2017 11:20:27 AM	225.47	4
OH Other	PLANNED OUTAGE	3/21/2017 1:17:40 PM	3,384.03	7
OH Other	PLANNED OUTAGE	3/22/2017 7:45:28 AM	2,722.08	5
OH Other	PLANNED OUTAGE	3/22/2017 7:58:45 AM	2,660.58	5
UG Other	PLANNED OUTAGE	3/22/2017 8:21:07 AM	70.92	1
OH Other	PLANNED OUTAGE	3/22/2017 9:04:30 AM	467.47	1
OH Other	PLANNED OUTAGE	3/22/2017 9:32:13 AM	2,204.92	5
OH Other	PLANNED OUTAGE	3/22/2017 10:04:03 AM	437.67	2
OH Other	PLANNED OUTAGE	3/22/2017 10:19:23 AM	394.78	1
OH Other	PLANNED OUTAGE	3/22/2017 10:50:50 AM	287.83	2
OH Other	PLANNED OUTAGE	3/22/2017 10:53:26 AM	2,162.07	7
OH Other	PLANNED OUTAGE	3/22/2017 11:10:13 AM	760.33	4
OH Other	PLANNED OUTAGE	3/22/2017 11:41:28 AM	180.08	1
OH Other	PLANNED OUTAGE	3/22/2017 12:05:28 PM	2,371.72	7
OH Other	PLANNED OUTAGE	3/22/2017 12:11:37 PM	593.00	2
UG Other	PLANNED OUTAGE	3/22/2017 1:13:44 PM	278.85	1
UG Other	PLANNED OUTAGE	3/22/2017 2:38:48 PM	648.50	6
OH Other	PLANNED OUTAGE	3/22/2017 2:43:09 PM	3,375.20	8
UG Other	PLANNED OUTAGE	3/22/2017 2:59:22 PM	344.73	4
OH Other	PLANNED OUTAGE	3/23/2017 7:59:40 AM	472.12	1
OH Other	PLANNED OUTAGE	3/23/2017 8:23:49 AM	1,009.17	7
OH Other	PLANNED OUTAGE	3/23/2017 9:39:52 AM	372.93	1
OH Other	PLANNED OUTAGE	3/23/2017 9:43:07 AM	757.17	2
UG Other	PLANNED OUTAGE	3/23/2017 9:46:54 AM	754.13	8
OH Other	PLANNED OUTAGE	3/23/2017 9:58:24 AM	2,486.75	7
OH Other	PLANNED OUTAGE	3/23/2017 10:23:04 AM	3,934.40	12
OH Other	PLANNED OUTAGE	3/23/2017 11:29:20 AM	2,161.07	8
OH Other	PLANNED OUTAGE	3/23/2017 11:50:33 AM	989.95	3
OH Other	PLANNED OUTAGE	3/23/2017 12:01:55 PM	1,392.53	7
OH Other	PLANNED OUTAGE	3/23/2017 12:34:54 PM	207.75	1
OH Other	PLANNED OUTAGE	3/23/2017 3:19:01 PM	1,674.13	8
OH Other	PLANNED OUTAGE	3/24/2017 9:02:35 AM	976.62	7
OH Other	PLANNED OUTAGE	3/24/2017 9:03:55 AM	1,277.80	4
OH Other	PLANNED OUTAGE	3/24/2017 9:04:06 AM	1,597.50	5
OH Other	PLANNED OUTAGE	3/24/2017 9:32:07 AM	3,208.00	10
OH Other	PLANNED OUTAGE	3/24/2017 9:32:36 AM	1,489.25	7
OH Other	PLANNED OUTAGE	3/24/2017 10:59:34 AM	1,033.00	6
OH Other	PLANNED OUTAGE	3/24/2017 10:59:41 AM	866.67	5
OH Other	PLANNED OUTAGE	3/24/2017 2:21:02 PM	319.40	4
PLF	PLANNED OUTAGE	3/26/2017 2:01:13 PM	4,119.60	8

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
URD Outage	PLANNED OUTAGE	3/27/2017 2:07:19 AM	447.07	7
URD Outage	PLANNED OUTAGE	3/27/2017 2:07:19 AM	457.10	7
UG Other	PLANNED OUTAGE	3/27/2017 2:10:34 AM	301.20	9
OH Other	PLANNED OUTAGE	3/27/2017 3:18:03 AM	618.45	7
UG Other	PLANNED OUTAGE	3/27/2017 4:19:37 AM	102.40	3
OH Other	PLANNED OUTAGE	3/27/2017 8:23:58 AM	2,007.30	9
OH Other	PLANNED OUTAGE	3/27/2017 8:34:58 AM	2,161.13	4
OH Other	PLANNED OUTAGE	3/27/2017 9:41:27 AM	938.57	2
OH Other	PLANNED OUTAGE	3/27/2017 9:43:35 AM	1,871.80	4
OH Other	PLANNED OUTAGE	3/27/2017 9:56:26 AM	1,837.80	4
OH Other	PLANNED OUTAGE	3/27/2017 10:06:34 AM	446.73	1
OH Other	PLANNED OUTAGE	3/27/2017 10:10:05 AM	678.18	7
OH Other	PLANNED OUTAGE	3/27/2017 10:42:03 AM	831.97	2
OH Other	PLANNED OUTAGE	3/27/2017 11:19:08 AM	306.45	1
OH Other	PLANNED OUTAGE	3/27/2017 11:49:55 AM	688.53	2
OH Other	PLANNED OUTAGE	3/27/2017 12:34:56 PM	1,678.67	8
OH Other	PLANNED OUTAGE	3/27/2017 12:59:50 PM	904.50	9
OH Other	PLANNED OUTAGE	3/27/2017 3:28:13 PM	248.17	2
UG Other	PLANNED OUTAGE	3/27/2017 8:57:21 PM	147.33	8
UG Other	PLANNED OUTAGE	3/27/2017 10:28:19 PM	495.73	16
OH Other	PLANNED OUTAGE	3/28/2017 8:16:25 AM	1,483.07	8
OH Other	PLANNED OUTAGE	3/28/2017 8:26:04 AM	1,234.55	3
OH Other	PLANNED OUTAGE	3/28/2017 9:26:31 AM	563.27	4
OH Other	PLANNED OUTAGE	3/28/2017 10:07:40 AM	2,356.13	8
OH Other	PLANNED OUTAGE	3/28/2017 10:08:07 AM	4,198.70	11
OH Other	PLANNED OUTAGE	3/28/2017 11:32:01 AM	607.20	4
OH Other	PLANNED OUTAGE	3/28/2017 11:34:26 AM	753.83	5
OH Other	PLANNED OUTAGE	3/28/2017 11:45:41 AM	789.13	4
OH Other	PLANNED OUTAGE	3/28/2017 12:21:40 PM	1,571.50	10
OH Other	PLANNED OUTAGE	3/28/2017 12:23:14 PM	805.40	3
OH Other	PLANNED OUTAGE	3/28/2017 2:50:49 PM	169.80	4
OH Other	PLANNED OUTAGE	3/28/2017 5:26:14 PM	250.52	1
OH Other	PLANNED OUTAGE	3/28/2017 11:06:39 PM	458.55	3
UG Other	PLANNED OUTAGE	3/29/2017 7:56:55 AM	12,185.58	89
UG Other	PLANNED OUTAGE	3/29/2017 7:57:27 AM	12,001.73	88
OH Other	PLANNED OUTAGE	3/29/2017 8:06:37 AM	2,392.20	6
OH Other	PLANNED OUTAGE	3/29/2017 8:32:18 AM	599.18	1
UG Other	PLANNED OUTAGE	3/29/2017 9:01:18 AM	150.72	1
OH Other	PLANNED OUTAGE	3/29/2017 9:14:56 AM	1,164.53	8
OH Other	PLANNED OUTAGE	3/29/2017 9:42:50 AM	1,214.87	4
OH Other	PLANNED OUTAGE	3/29/2017 9:46:00 AM	4,734.75	9
OH Other	PLANNED OUTAGE	3/29/2017 10:24:53 AM	1,346.40	8
OH Other	PLANNED OUTAGE	3/29/2017 10:25:00 AM	1,691.50	10
OH Other	PLANNED OUTAGE	3/29/2017 10:26:21 AM	4,867.17	10
OH Other	PLANNED OUTAGE	3/29/2017 11:24:35 AM	607.20	4
OH Other	PLANNED OUTAGE	3/29/2017 12:36:30 PM	1,057.25	5
OH Other	PLANNED OUTAGE	3/29/2017 1:09:59 PM	1,621.25	5
OH Other	PLANNED OUTAGE	3/29/2017 2:12:47 PM	2,096.80	8
OH Other	PLANNED OUTAGE	3/30/2017 7:36:37 AM	3,418.87	4
TX Repaired (PM)	PLANNED OUTAGE	3/30/2017 8:51:16 AM	2,772.93	8
OH Other	PLANNED OUTAGE	3/30/2017 8:55:11 AM	1,665.60	4
OH Other	PLANNED OUTAGE	3/30/2017 9:05:24 AM	989.67	4
UG Other	PLANNED OUTAGE	3/30/2017 10:02:21 AM	716.50	10

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	3/30/2017 10:39:25 AM	6,045.45	9
OH Other	PLANNED OUTAGE	3/30/2017 11:30:52 AM	1,189.42	5
Service - Crew	PLANNED OUTAGE	3/30/2017 5:53:49 PM	174.18	1
OH Other	PLANNED OUTAGE	3/31/2017 10:27:34 AM	3,793.33	10
OH Other	PLANNED OUTAGE	3/31/2017 10:51:27 AM	1,328.25	7
OH Other	PLANNED OUTAGE	3/31/2017 11:07:40 AM	472.73	4
Service - Crew	PLANNED OUTAGE	3/31/2017 3:28:42 PM	4,649.63	14
UG Other	PLANNED OUTAGE	3/31/2017 6:45:35 PM	1,339.50	18
UG Other	PLANNED OUTAGE	4/1/2017 3:50:27 PM	2,729.30	21
OH Other	PLANNED OUTAGE	4/1/2017 3:56:59 PM	273.02	1
OH Other	PLANNED OUTAGE	4/2/2017 10:37:51 AM	11,406.47	46
PLF	PLANNED OUTAGE	4/2/2017 11:15:06 AM	164.87	2
OH Other	PLANNED OUTAGE	4/2/2017 11:20:31 AM	2,219.20	16
PLF	PLANNED OUTAGE	4/2/2017 1:18:31 PM	995.68	11
UG Other	PLANNED OUTAGE	4/3/2017 1:55:00 AM	16,722.00	135
OH Other	PLANNED OUTAGE	4/3/2017 8:36:58 AM	1,276.70	3
OH Other	PLANNED OUTAGE	4/3/2017 8:43:46 AM	139.18	7
OH Other	PLANNED OUTAGE	4/3/2017 8:52:29 AM	656.25	3
OH Other	PLANNED OUTAGE	4/3/2017 9:30:24 AM	415.62	1
OH Other	PLANNED OUTAGE	4/3/2017 10:32:55 AM	1,015.58	5
OH Other	PLANNED OUTAGE	4/3/2017 10:39:53 AM	736.63	2
OH Other	PLANNED OUTAGE	4/3/2017 11:15:24 AM	247.05	3
OH Other	PLANNED OUTAGE	4/3/2017 11:56:40 AM	585.40	2
OH Other	PLANNED OUTAGE	4/3/2017 12:16:15 PM	505.80	6
OH Other	PLANNED OUTAGE	4/3/2017 12:17:22 PM	3,283.00	12
OH Other	PLANNED OUTAGE	4/3/2017 12:33:31 PM	403.63	2
OH Other	PLANNED OUTAGE	4/3/2017 12:43:07 PM	681.33	8
OH Other	PLANNED OUTAGE	4/3/2017 3:13:32 PM	297.15	3
OH Other	PLANNED OUTAGE	4/3/2017 10:30:56 PM	2,916.30	9
Circuit Out	PLANNED OUTAGE	4/4/2017 5:02:27 AM	8,303.75	1825
OH Other	PLANNED OUTAGE	4/4/2017 7:45:22 AM	1,561.95	3
OH Other	PLANNED OUTAGE	4/4/2017 8:11:47 AM	3,467.10	7
OH Other	PLANNED OUTAGE	4/4/2017 8:30:47 AM	1,583.70	18
OH Other	PLANNED OUTAGE	4/4/2017 9:07:42 AM	985.50	5
OH Other	PLANNED OUTAGE	4/4/2017 10:36:30 AM	2,108.50	6
OH Other	PLANNED OUTAGE	4/4/2017 11:02:30 AM	724.13	2
OH Other	PLANNED OUTAGE	4/4/2017 11:11:54 AM	612.75	3
OH Other	PLANNED OUTAGE	4/4/2017 11:15:33 AM	1,542.08	5
OH Other	PLANNED OUTAGE	4/4/2017 11:30:25 AM	1,669.60	4
OH Other	PLANNED OUTAGE	4/4/2017 12:22:44 PM	214.10	2
OH Other	PLANNED OUTAGE	4/4/2017 12:31:49 PM	317.20	12
OH Other	PLANNED OUTAGE	4/4/2017 1:25:09 PM	4,332.17	10
OH Other	PLANNED OUTAGE	4/4/2017 1:53:16 PM	1,247.87	8
OH Other	PLANNED OUTAGE	4/4/2017 4:17:01 PM	957.00	30
UG Other	PLANNED OUTAGE	4/5/2017 9:37:23 AM	249.75	3
Step Restoration	PLANNED OUTAGE	4/5/2017 9:37:23 AM	833.00	10
Step Restoration	PLANNED OUTAGE	4/5/2017 9:37:23 AM	807.92	5
OH Other	PLANNED OUTAGE	4/5/2017 9:54:09 AM	1,726.13	8
OH Other	PLANNED OUTAGE	4/5/2017 10:12:09 AM	397.83	2
OH Other	PLANNED OUTAGE	4/5/2017 10:12:19 AM	196.07	1
OH Other	PLANNED OUTAGE	4/5/2017 10:12:26 AM	2,567.72	13
OH Other	PLANNED OUTAGE	4/5/2017 10:39:21 AM	1,843.60	4
OH Other	PLANNED OUTAGE	4/5/2017 10:47:45 AM	1,311.42	5

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
UG Other	PLANNED OUTAGE	4/5/2017 11:00:48 AM	12,370.80	104
OH Other	PLANNED OUTAGE	4/5/2017 11:27:29 AM	2,825.55	13
UG Other	PLANNED OUTAGE	4/5/2017 12:31:39 PM	167.38	1
OH Other	PLANNED OUTAGE	4/5/2017 2:32:22 PM	77.67	1
UG Other	PLANNED OUTAGE	4/5/2017 11:39:10 PM	161.70	14
OH Other	PLANNED OUTAGE	4/6/2017 7:44:52 AM	9,671.30	51
OH Other	PLANNED OUTAGE	4/6/2017 8:55:42 AM	4,132.00	12
UG Other	PLANNED OUTAGE	4/6/2017 9:07:30 AM	971.25	9
OH Other	PLANNED OUTAGE	4/6/2017 10:11:13 AM	582.67	8
URD Outage	PLANNED OUTAGE	4/6/2017 10:22:41 AM	128.00	1
OH Other	PLANNED OUTAGE	4/6/2017 11:23:27 AM	3,987.00	12
OH Other	PLANNED OUTAGE	4/6/2017 11:25:28 AM	236.57	2
OH Other	PLANNED OUTAGE	4/6/2017 11:50:56 AM	3,981.68	13
OH Other	PLANNED OUTAGE	4/6/2017 12:00:57 PM	2,331.60	8
OH Other	PLANNED OUTAGE	4/6/2017 12:03:11 PM	1,454.00	5
OH Other	PLANNED OUTAGE	4/6/2017 12:27:55 PM	1,362.75	5
OH Other	PLANNED OUTAGE	4/6/2017 12:43:30 PM	437.98	11
OH Other	PLANNED OUTAGE	4/6/2017 12:54:43 PM	1,905.00	3
Circuit Out	PLANNED OUTAGE	4/7/2017 7:46:48 AM	6,086.50	518
OH Other	PLANNED OUTAGE	4/7/2017 8:36:20 AM	217.30	1
OH Other	PLANNED OUTAGE	4/7/2017 8:43:24 AM	2,090.00	3
OH Other	PLANNED OUTAGE	4/7/2017 9:27:43 AM	126.93	1
UG Other	PLANNED OUTAGE	4/7/2017 9:36:20 AM	2,850.85	23
OH Other	PLANNED OUTAGE	4/7/2017 11:38:18 AM	3,145.90	6
OH Other	PLANNED OUTAGE	4/7/2017 11:40:58 AM	1,567.50	3
UG Other	PLANNED OUTAGE	4/7/2017 3:00:25 PM	279.57	1
Circuit Out	PLANNED OUTAGE	4/7/2017 5:20:57 PM	38,045.35	1491
OH Other	PLANNED OUTAGE	4/8/2017 9:42:48 AM	1,024.42	5
OH Other	PLANNED OUTAGE	4/10/2017 8:47:01 AM	3,086.30	7
OH Other	PLANNED OUTAGE	4/10/2017 8:47:33 AM	2,211.00	5
OH Other	PLANNED OUTAGE	4/10/2017 9:05:55 AM	2,973.60	7
OH Other	PLANNED OUTAGE	4/10/2017 9:16:48 AM	2,070.40	8
OH Other	PLANNED OUTAGE	4/10/2017 9:48:39 AM	1,368.93	4
OH Other	PLANNED OUTAGE	4/10/2017 10:11:26 AM	591.07	1
OH Other	PLANNED OUTAGE	4/10/2017 10:12:34 AM	1,180.97	2
OH Other	PLANNED OUTAGE	4/10/2017 10:27:26 AM	2,286.93	8
OH Other	PLANNED OUTAGE	4/10/2017 11:15:57 AM	2,673.00	9
OH Other	PLANNED OUTAGE	4/10/2017 11:35:56 AM	1,804.80	6
OH Other	PLANNED OUTAGE	4/10/2017 12:49:13 PM	1,189.75	5
OH Other	PLANNED OUTAGE	4/10/2017 2:08:32 PM	126.28	1
OH Other	PLANNED OUTAGE	4/10/2017 3:05:12 PM	2,983.50	10
OH Other	PLANNED OUTAGE	4/11/2017 8:43:21 AM	1,551.92	5
OH Other	PLANNED OUTAGE	4/11/2017 9:10:22 AM	1,723.60	4
OH Other	PLANNED OUTAGE	4/11/2017 9:12:12 AM	1,720.67	4
OH Other	PLANNED OUTAGE	4/11/2017 9:21:39 AM	3,915.33	8
OH Other	PLANNED OUTAGE	4/11/2017 9:26:33 AM	1,634.80	8
OH Other	PLANNED OUTAGE	4/11/2017 9:49:47 AM	915.83	5
OH Other	PLANNED OUTAGE	4/11/2017 10:30:56 AM	2,061.87	8
OH Other	PLANNED OUTAGE	4/11/2017 10:31:38 AM	457.08	5
OH Other	PLANNED OUTAGE	4/11/2017 11:26:33 AM	140.00	5
OH Other	PLANNED OUTAGE	4/11/2017 11:51:30 AM	452.60	4
OH Other	PLANNED OUTAGE	4/11/2017 2:35:33 PM	345.08	5
UG Other	PLANNED OUTAGE	4/11/2017 3:53:32 PM	145.40	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	4/12/2017 8:13:21 AM	2,437.33	5
OH Other	PLANNED OUTAGE	4/12/2017 8:28:31 AM	2,367.92	5
OH Other	PLANNED OUTAGE	4/12/2017 8:50:22 AM	3,584.80	8
OH Other	PLANNED OUTAGE	4/12/2017 9:02:02 AM	4,388.68	19
OH Other	PLANNED OUTAGE	4/12/2017 9:02:18 AM	897.20	2
OH Other	PLANNED OUTAGE	4/12/2017 9:02:25 AM	447.03	1
OH Other	PLANNED OUTAGE	4/12/2017 9:03:09 AM	976.67	5
OH Other	PLANNED OUTAGE	4/12/2017 10:05:19 AM	189.57	1
OH Other	PLANNED OUTAGE	4/12/2017 10:19:24 AM	445.50	1
OH Other	PLANNED OUTAGE	4/12/2017 11:00:39 AM	1,750.27	8
OH Other	PLANNED OUTAGE	4/12/2017 11:33:39 AM	966.73	4
OH Other	PLANNED OUTAGE	4/12/2017 1:29:42 PM	1,141.65	9
UG Other	PLANNED OUTAGE	4/12/2017 2:34:34 PM	1,284.07	11
OH Other	PLANNED OUTAGE	4/12/2017 2:55:41 PM	3,336.02	13
OH Other	PLANNED OUTAGE	4/13/2017 8:39:38 AM	1,497.50	6
OH Other	PLANNED OUTAGE	4/13/2017 8:40:51 AM	457.90	3
OH Other	PLANNED OUTAGE	4/13/2017 8:41:10 AM	1,807.33	5
OH Other	PLANNED OUTAGE	4/13/2017 9:17:11 AM	2,575.33	8
OH Other	PLANNED OUTAGE	4/13/2017 9:45:54 AM	8,835.00	30
OH Other	PLANNED OUTAGE	4/13/2017 10:28:32 AM	587.35	3
Service - Crew	PLANNED OUTAGE	4/13/2017 10:47:27 AM	98.65	1
OH Other	PLANNED OUTAGE	4/13/2017 2:47:58 PM	1,217.00	6
OH Other	PLANNED OUTAGE	4/13/2017 4:24:44 PM	534.83	5
OH Other	PLANNED OUTAGE	4/13/2017 4:27:33 PM	160.60	4
Circuit Out	PLANNED OUTAGE	4/13/2017 8:14:01 PM	1,721.82	1751
UG Other	PLANNED OUTAGE	4/14/2017 7:09:17 AM	204.92	1
OH Other	PLANNED OUTAGE	4/14/2017 8:37:27 AM	3,477.60	9
OH Other	PLANNED OUTAGE	4/14/2017 10:24:03 AM	1,190.73	4
OH Other	PLANNED OUTAGE	4/14/2017 10:57:57 AM	770.93	7
UG Other	PLANNED OUTAGE	4/15/2017 7:52:18 PM	484.00	5
OH Other	PLANNED OUTAGE	4/16/2017 9:32:52 PM	836.33	10
OH Other	PLANNED OUTAGE	4/17/2017 8:48:27 AM	128.80	1
OH Other	PLANNED OUTAGE	4/17/2017 9:01:57 AM	4,053.00	9
UG Other	PLANNED OUTAGE	4/17/2017 9:32:07 AM	178.42	5
OH Other	PLANNED OUTAGE	4/17/2017 10:39:32 AM	540.90	2
OH Other	PLANNED OUTAGE	4/17/2017 10:57:00 AM	3,646.13	11
OH Other	PLANNED OUTAGE	4/17/2017 11:09:44 AM	2,854.95	9
OH Other	PLANNED OUTAGE	4/17/2017 12:02:05 PM	1,854.00	10
OH Other	PLANNED OUTAGE	4/17/2017 12:03:37 PM	107.60	3
OH Other	PLANNED OUTAGE	4/17/2017 12:17:27 PM	823.90	6
OH Other	PLANNED OUTAGE	4/17/2017 12:20:48 PM	1,668.20	12
OH Other	PLANNED OUTAGE	4/17/2017 3:01:53 PM	75.02	7
OH Other	PLANNED OUTAGE	4/18/2017 8:05:26 AM	206.82	1
OH Other	PLANNED OUTAGE	4/18/2017 8:35:56 AM	3,330.10	3
OH Other	PLANNED OUTAGE	4/18/2017 8:55:10 AM	1,250.67	4
OH Other	PLANNED OUTAGE	4/18/2017 8:59:43 AM	1,555.47	4
OH Other	PLANNED OUTAGE	4/18/2017 9:11:08 AM	451.85	3
OH Other	PLANNED OUTAGE	4/18/2017 9:11:34 AM	141.98	7
OH Other	PLANNED OUTAGE	4/18/2017 9:22:42 AM	3,353.17	10
OH Other	PLANNED OUTAGE	4/18/2017 10:26:49 AM	715.40	14
OH Other	PLANNED OUTAGE	4/18/2017 10:51:00 AM	1,897.73	8
OH Other	PLANNED OUTAGE	4/18/2017 10:58:45 AM	2,072.70	9
OH Other	PLANNED OUTAGE	4/18/2017 10:59:49 AM	10,653.87	11

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	4/18/2017 11:12:58 AM	857.00	3
OH Other	PLANNED OUTAGE	4/18/2017 11:13:06 AM	565.53	2
OH Other	PLANNED OUTAGE	4/18/2017 11:19:58 AM	390.73	2
OH Other	PLANNED OUTAGE	4/18/2017 11:37:02 AM	2,137.00	15
OH Other	PLANNED OUTAGE	4/18/2017 12:34:39 PM	48.42	7
OH Other	PLANNED OUTAGE	4/18/2017 12:39:22 PM	94.85	3
OH Other	PLANNED OUTAGE	4/18/2017 2:16:05 PM	1,171.68	11
OH Other	PLANNED OUTAGE	4/18/2017 3:11:20 PM	84.57	1
OH Other	PLANNED OUTAGE	4/19/2017 8:29:48 AM	1,249.00	3
OH Other	PLANNED OUTAGE	4/19/2017 8:57:45 AM	557.07	4
OH Other	PLANNED OUTAGE	4/19/2017 9:13:30 AM	1,004.20	4
OH Other	PLANNED OUTAGE	4/19/2017 9:14:21 AM	2,603.53	7
OH Other	PLANNED OUTAGE	4/19/2017 9:17:14 AM	1,661.13	4
OH Other	PLANNED OUTAGE	4/19/2017 9:32:28 AM	812.93	2
OH Other	PLANNED OUTAGE	4/19/2017 9:39:02 AM	1,186.70	3
OH Other	PLANNED OUTAGE	4/19/2017 11:04:01 AM	639.92	7
OH Other	PLANNED OUTAGE	4/19/2017 11:25:46 AM	289.82	1
OH Other	PLANNED OUTAGE	4/19/2017 8:28:38 PM	1,092.30	9
UG Other	PLANNED OUTAGE	4/20/2017 8:03:35 AM	259.70	21
OH Other	PLANNED OUTAGE	4/20/2017 9:03:42 AM	94.05	1
OH Other	PLANNED OUTAGE	4/20/2017 9:10:49 AM	1,514.33	4
OH Other	PLANNED OUTAGE	4/20/2017 9:35:58 AM	6,693.60	18
OH Other	PLANNED OUTAGE	4/20/2017 10:57:31 AM	322.80	4
OH Other	PLANNED OUTAGE	4/21/2017 7:03:15 AM	902.90	6
OH Other	PLANNED OUTAGE	4/21/2017 10:07:56 AM	1,338.67	8
OH Other	PLANNED OUTAGE	4/21/2017 11:09:15 AM	1,700.92	5
OH Other	PLANNED OUTAGE	4/21/2017 12:06:53 PM	7,041.05	53
UG Other	PLANNED OUTAGE	4/21/2017 12:58:00 PM	3,602.30	17
UG Other	PLANNED OUTAGE	4/21/2017 4:58:20 PM	1,524.60	11
OH Other	PLANNED OUTAGE	4/21/2017 11:35:15 PM	1,772.17	98
OH Other	PLANNED OUTAGE	4/22/2017 9:05:07 AM	1,038.92	13
OH Other	PLANNED OUTAGE	4/22/2017 9:19:50 AM	99.67	10
OH Other	PLANNED OUTAGE	4/22/2017 9:52:17 AM	1,483.50	46
OH Other	PLANNED OUTAGE	4/22/2017 3:20:35 PM	1,703.25	15
OH Other	PLANNED OUTAGE	4/23/2017 9:46:12 AM	514.40	3
TX Replaced (PM)	PLANNED OUTAGE	4/23/2017 4:54:28 PM	2,112.60	6
OH Other	PLANNED OUTAGE	4/23/2017 10:41:33 PM	265.10	6
OH Other	PLANNED OUTAGE	4/24/2017 8:53:25 AM	14,982.00	18
OH Other	PLANNED OUTAGE	4/24/2017 1:04:03 PM	2,142.50	10
OH Other	PLANNED OUTAGE	4/25/2017 6:22:32 AM	570.60	4
OH Other	PLANNED OUTAGE	4/25/2017 9:04:00 AM	4,104.90	9
OH Other	PLANNED OUTAGE	4/25/2017 9:14:40 AM	458.93	1
OH Other	PLANNED OUTAGE	4/25/2017 9:51:12 AM	2,072.75	5
OH Other	PLANNED OUTAGE	4/25/2017 9:51:28 AM	2,908.15	7
OH Other	PLANNED OUTAGE	4/25/2017 10:54:17 AM	1,841.33	8
OH Other	PLANNED OUTAGE	4/25/2017 11:49:33 AM	586.53	2
OH Other	PLANNED OUTAGE	4/25/2017 11:57:36 AM	2,186.38	13
OH Other	PLANNED OUTAGE	4/25/2017 4:07:23 PM	259.95	1
Circuit Out	PLANNED OUTAGE	4/25/2017 10:17:20 PM	1,175.00	940
UG Other	PLANNED OUTAGE	4/26/2017 9:01:09 AM	343.00	6
OH Other	PLANNED OUTAGE	4/26/2017 9:49:02 AM	1,183.30	6
OH Other	PLANNED OUTAGE	4/26/2017 10:02:33 AM	425.33	4
OH Other	PLANNED OUTAGE	4/26/2017 10:04:32 AM	1,597.80	4

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	4/26/2017 10:35:24 AM	4,440.83	25
OH Other	PLANNED OUTAGE	4/26/2017 12:14:57 PM	1,715.17	10
OH Other	PLANNED OUTAGE	4/26/2017 7:03:48 PM	4,654.92	415
OH Other	PLANNED OUTAGE	4/27/2017 9:00:00 AM	34,004.85	33
OH Other	PLANNED OUTAGE	4/27/2017 9:09:06 AM	1,930.13	7
OH Other	PLANNED OUTAGE	4/27/2017 9:19:40 AM	16,547.87	79
UG Other	PLANNED OUTAGE	4/27/2017 9:22:53 AM	87.45	1
OH Other	PLANNED OUTAGE	4/27/2017 9:33:49 AM	1,379.70	9
OH Other	PLANNED OUTAGE	4/27/2017 9:49:01 AM	1,482.15	9
UG Other	PLANNED OUTAGE	4/27/2017 10:10:01 AM	180.50	6
OH Other	PLANNED OUTAGE	4/27/2017 11:55:43 AM	844.67	10
OH Other	PLANNED OUTAGE	4/27/2017 12:07:45 PM	1,266.90	9
OH Other	PLANNED OUTAGE	4/27/2017 12:09:10 PM	1,392.00	10
OH Other	PLANNED OUTAGE	4/27/2017 11:39:56 PM	2,042.60	7
OH Other	PLANNED OUTAGE	4/28/2017 8:52:37 AM	307.02	13
UG Other	PLANNED OUTAGE	4/28/2017 9:00:52 AM	62.72	1
OH Other	PLANNED OUTAGE	4/28/2017 9:18:00 AM	2,900.08	13
OH Other	PLANNED OUTAGE	4/28/2017 11:39:35 AM	821.83	10
OCR, Sec.	PLANNED OUTAGE	4/28/2017 7:55:25 PM	6,026.93	97
UG Other	PLANNED OUTAGE	4/29/2017 12:57:37 AM	8,438.73	28
UG Other	PLANNED OUTAGE	4/29/2017 12:57:37 AM	2,752.87	28
UG Other	PLANNED OUTAGE	4/29/2017 8:40:36 AM	1,016.83	2
OH Other	PLANNED OUTAGE	4/29/2017 9:46:51 AM	5,381.90	6
OH Other	PLANNED OUTAGE	4/29/2017 12:40:07 PM	456.45	17
UG Other	PLANNED OUTAGE	4/29/2017 3:43:34 PM	60.28	1
OH Other	PLANNED OUTAGE	4/29/2017 4:00:08 PM	2,425.40	3
OH Other	PLANNED OUTAGE	4/30/2017 2:42:18 PM	147.07	8
OH Other	PLANNED OUTAGE	5/1/2017 8:37:07 AM	1,346.45	7
UG Other	PLANNED OUTAGE	5/1/2017 8:48:38 AM	158.55	3
OH Other	PLANNED OUTAGE	5/1/2017 9:19:27 AM	1,271.50	5
OH Other	PLANNED OUTAGE	5/1/2017 9:50:41 AM	490.60	6
OH Other	PLANNED OUTAGE	5/1/2017 10:06:41 AM	961.40	4
OH Other	PLANNED OUTAGE	5/1/2017 10:06:58 AM	961.13	4
OH Other	PLANNED OUTAGE	5/1/2017 10:11:05 AM	1,982.20	11
OH Other	PLANNED OUTAGE	5/2/2017 8:34:23 AM	4,378.50	10
UG Other	PLANNED OUTAGE	5/2/2017 8:48:48 AM	488.67	1
OH Other	PLANNED OUTAGE	5/2/2017 8:59:17 AM	360.37	1
UG Other	PLANNED OUTAGE	5/2/2017 9:00:56 AM	898.60	4
UG Other	PLANNED OUTAGE	5/2/2017 9:05:40 AM	1,697.97	19
OH Other	PLANNED OUTAGE	5/2/2017 9:06:20 AM	74.72	1
OH Other	PLANNED OUTAGE	5/2/2017 9:23:22 AM	57.55	1
UG Other	PLANNED OUTAGE	5/2/2017 9:54:02 AM	714.17	5
OH Other	PLANNED OUTAGE	5/2/2017 9:56:34 AM	1,183.20	9
OH Other	PLANNED OUTAGE	5/2/2017 11:01:03 AM	5,211.75	15
OH Other	PLANNED OUTAGE	5/2/2017 12:32:11 PM	159.75	5
URD Outage	PLANNED OUTAGE	5/2/2017 12:46:16 PM	295.20	9
UG Other	PLANNED OUTAGE	5/2/2017 4:06:07 PM	548.47	4
OH Other	PLANNED OUTAGE	5/2/2017 4:16:29 PM	207.03	2
URD Outage	PLANNED OUTAGE	5/2/2017 4:17:22 PM	366.40	8
UG Other	PLANNED OUTAGE	5/2/2017 5:39:03 PM	1,058.82	17
OH Other	PLANNED OUTAGE	5/3/2017 5:10:08 AM	1,949.50	6
OH Other	PLANNED OUTAGE	5/3/2017 8:27:25 AM	1,472.65	3
OH Other	PLANNED OUTAGE	5/3/2017 9:58:26 AM	906.67	5

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	5/3/2017 12:18:07 PM	63.47	1
OH Other	PLANNED OUTAGE	5/3/2017 1:02:57 PM	162.40	4
UG Other	PLANNED OUTAGE	5/3/2017 1:41:55 PM	1,215.37	19
OH Other	PLANNED OUTAGE	5/3/2017 1:45:12 PM	1,573.20	9
OH Other	PLANNED OUTAGE	5/3/2017 2:27:50 PM	199.53	1
OH Other	PLANNED OUTAGE	5/3/2017 4:55:00 PM	10.30	2
OH Other	PLANNED OUTAGE	5/4/2017 6:07:08 AM	640.87	4
OH Other	PLANNED OUTAGE	5/4/2017 7:21:24 AM	76.53	1
OH Other	PLANNED OUTAGE	5/4/2017 9:20:09 AM	1,082.50	866
OH Other	PLANNED OUTAGE	5/4/2017 9:20:54 AM	1,536.07	4
OH Other	PLANNED OUTAGE	5/4/2017 9:22:00 AM	768.87	2
UG Other	PLANNED OUTAGE	5/4/2017 9:22:45 AM	322.70	3
OH Other	PLANNED OUTAGE	5/4/2017 9:33:03 AM	2,471.47	7
OH Other	PLANNED OUTAGE	5/4/2017 10:01:42 AM	2,053.20	6
OH Other	PLANNED OUTAGE	5/4/2017 10:06:23 AM	2,552.13	8
OH Other	PLANNED OUTAGE	5/4/2017 11:46:44 AM	1,499.63	14
OH Other	PLANNED OUTAGE	5/4/2017 3:52:17 PM	14,272.75	111
OH Other	PLANNED OUTAGE	5/4/2017 7:24:04 PM	1,857.50	6
OH Other	PLANNED OUTAGE	5/4/2017 7:29:57 PM	366.60	6
OH Other	PLANNED OUTAGE	5/4/2017 8:55:40 PM	1,082.92	5
UG Other	PLANNED OUTAGE	5/5/2017 12:27:59 AM	1,184.88	23
OH Other	PLANNED OUTAGE	5/5/2017 7:09:48 AM	301.20	6
OH Other	PLANNED OUTAGE	5/5/2017 8:39:41 AM	4,329.07	8
OH Other	PLANNED OUTAGE	5/5/2017 12:59:39 PM	282.53	1
OH Other	PLANNED OUTAGE	5/6/2017 6:20:08 AM	4,799.85	9
OH Other	PLANNED OUTAGE	5/6/2017 8:34:17 AM	1,971.90	9
UG Other	PLANNED OUTAGE	5/6/2017 12:12:28 PM	152.78	1
UG Other	PLANNED OUTAGE	5/6/2017 2:08:44 PM	2,591.00	10
OH Other	PLANNED OUTAGE	5/7/2017 6:59:57 AM	855.00	513
UG Other	PLANNED OUTAGE	5/7/2017 11:11:21 AM	677.33	5
PLF	PLANNED OUTAGE	5/7/2017 12:05:41 PM	3,294.37	46
OH Other	PLANNED OUTAGE	5/8/2017 8:51:19 AM	823.33	2
OH Other	PLANNED OUTAGE	5/8/2017 12:34:28 PM	2,834.25	15
OH Other	PLANNED OUTAGE	5/8/2017 1:19:33 PM	715.75	5
OH Other	PLANNED OUTAGE	5/8/2017 1:32:56 PM	2,091.60	24
OH Other	PLANNED OUTAGE	5/8/2017 1:32:56 PM	1,569.40	12
OH Other	PLANNED OUTAGE	5/8/2017 3:22:29 PM	1,409.67	10
OH Other	PLANNED OUTAGE	5/8/2017 9:50:07 PM	2,460.25	5
OH Other	PLANNED OUTAGE	5/9/2017 1:34:15 AM	307.23	2
OH Other	PLANNED OUTAGE	5/9/2017 1:44:08 AM	1,151.73	8
OH Other	PLANNED OUTAGE	5/9/2017 8:04:03 AM	3,572.80	8
OH Other	PLANNED OUTAGE	5/9/2017 10:07:13 AM	2,938.80	9
OH Other	PLANNED OUTAGE	5/9/2017 11:21:47 AM	506.47	2
OH Other	PLANNED OUTAGE	5/9/2017 1:07:47 PM	886.00	6
OH Other	PLANNED OUTAGE	5/9/2017 1:31:51 PM	504.40	4
OH Other	PLANNED OUTAGE	5/9/2017 3:02:26 PM	175.00	6
OH Other	PLANNED OUTAGE	5/10/2017 6:56:55 AM	9,754.12	13
OH Other	PLANNED OUTAGE	5/10/2017 7:49:15 AM	5,686.00	10
OH Other	PLANNED OUTAGE	5/10/2017 8:24:46 AM	2,132.87	4
OH Other	PLANNED OUTAGE	5/10/2017 8:45:52 AM	81.65	1
OH Other	PLANNED OUTAGE	5/10/2017 8:48:32 AM	83.33	1
OH Other	PLANNED OUTAGE	5/10/2017 8:53:42 AM	3,026.60	6
OH Other	PLANNED OUTAGE	5/10/2017 9:23:24 AM	1,857.15	9

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	5/10/2017 9:25:53 AM	2,244.55	11
OH Other	PLANNED OUTAGE	5/11/2017 8:05:36 AM	1,776.00	3
OH Other	PLANNED OUTAGE	5/11/2017 8:15:14 AM	54.62	1
OH Other	PLANNED OUTAGE	5/11/2017 8:35:43 AM	2,335.10	6
OH Other	PLANNED OUTAGE	5/11/2017 9:46:39 AM	7,378.25	15
OH Other	PLANNED OUTAGE	5/11/2017 11:31:26 AM	47.18	1
UG Other	PLANNED OUTAGE	5/11/2017 11:48:49 AM	16,457.10	66
OH Other	PLANNED OUTAGE	5/11/2017 1:40:06 PM	1,045.60	4
OH Other	PLANNED OUTAGE	5/11/2017 3:28:21 PM	925.70	6
OH Other	PLANNED OUTAGE	5/12/2017 6:19:56 AM	1,204.68	11
OH Other	PLANNED OUTAGE	5/12/2017 7:46:43 AM	559.83	1
OH Other	PLANNED OUTAGE	5/12/2017 9:23:16 AM	1,151.47	4
UG Other	PLANNED OUTAGE	5/12/2017 10:42:02 AM	617.90	6
Circuit Out	PLANNED OUTAGE	5/12/2017 12:35:13 PM	50,791.25	895
UG Other	PLANNED OUTAGE	5/12/2017 1:27:58 PM	504.15	9
PLF	PLANNED OUTAGE	5/13/2017 12:48:27 PM	4,667.50	75
PLF	PLANNED OUTAGE	5/13/2017 6:12:13 PM	3,682.70	21
Circuit Out	PLANNED OUTAGE	5/14/2017 11:57:34 AM	18,819.27	1646
OH Other	PLANNED OUTAGE	5/14/2017 2:49:49 PM	1,538.13	7
OH Other	PLANNED OUTAGE	5/15/2017 12:32:29 AM	3,948.75	1755
Circuit Out	PLANNED OUTAGE	5/15/2017 5:30:25 AM	2,655.40	852
OH Other	PLANNED OUTAGE	5/15/2017 8:44:43 AM	3,606.98	7
OH Other	PLANNED OUTAGE	5/15/2017 8:47:56 AM	3,123.75	7
UG Other	PLANNED OUTAGE	5/15/2017 9:44:08 AM	169.72	1
OH Other	PLANNED OUTAGE	5/15/2017 9:56:22 AM	385.45	3
OH Other	PLANNED OUTAGE	5/15/2017 10:30:59 AM	3,443.33	10
OH Other	PLANNED OUTAGE	5/15/2017 10:31:07 AM	123.90	1
Service - Crew	PLANNED OUTAGE	5/15/2017 11:05:20 AM	171.73	1
UG Other	PLANNED OUTAGE	5/15/2017 11:18:38 AM	10,149.87	16
URD Outage	PLANNED OUTAGE	5/15/2017 11:18:38 AM	103.42	1
OH Other	PLANNED OUTAGE	5/15/2017 12:02:21 PM	6,951.00	28
OH Other	PLANNED OUTAGE	5/15/2017 12:10:10 PM	169.47	1
UG Other	PLANNED OUTAGE	5/15/2017 12:36:25 PM	347.55	7
OH Other	PLANNED OUTAGE	5/15/2017 12:49:59 PM	2,637.92	13
URD Outage	PLANNED OUTAGE	5/15/2017 12:50:15 PM	212.40	4
OH Other	PLANNED OUTAGE	5/16/2017 8:11:42 AM	7,946.67	20
OH Other	PLANNED OUTAGE	5/16/2017 8:19:52 AM	6,873.35	11
OH Other	PLANNED OUTAGE	5/16/2017 8:29:13 AM	2,649.50	7
OH Other	PLANNED OUTAGE	5/16/2017 9:29:23 AM	1,639.67	5
OH Other	PLANNED OUTAGE	5/16/2017 9:35:27 AM	3,158.83	10
OH Other	PLANNED OUTAGE	5/16/2017 9:36:09 AM	219.58	5
OH Other	PLANNED OUTAGE	5/16/2017 9:41:43 AM	2,375.33	7
OH Other	PLANNED OUTAGE	5/16/2017 10:04:28 AM	4,625.98	17
OH Other	PLANNED OUTAGE	5/16/2017 10:19:53 AM	926.33	7
OH Other	PLANNED OUTAGE	5/16/2017 10:21:23 AM	769.90	6
OH Other	PLANNED OUTAGE	5/16/2017 10:48:09 AM	634.37	2
UG Other	PLANNED OUTAGE	5/16/2017 10:58:10 AM	353.07	4
OH Other	PLANNED OUTAGE	5/16/2017 11:41:19 AM	5,507.67	13
OH Other	PLANNED OUTAGE	5/17/2017 8:35:51 AM	8,265.18	37
OH Other	PLANNED OUTAGE	5/17/2017 8:42:07 AM	2,856.00	7
OH Other	PLANNED OUTAGE	5/17/2017 8:42:41 AM	1,219.65	3
OH Other	PLANNED OUTAGE	5/17/2017 9:20:18 AM	754.33	5
OH Other	PLANNED OUTAGE	5/17/2017 9:21:50 AM	293.53	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	5/17/2017 9:31:06 AM	5,519.83	10
OH Other	PLANNED OUTAGE	5/17/2017 12:04:39 PM	532.13	4
OH Other	PLANNED OUTAGE	5/17/2017 12:46:35 PM	2,503.90	7
UG Other	PLANNED OUTAGE	5/17/2017 1:19:09 PM	3,672.60	36
OH Other	PLANNED OUTAGE	5/17/2017 2:42:27 PM	1,234.33	10
OH Other	PLANNED OUTAGE	5/17/2017 2:57:03 PM	55.75	3
UG Other	PLANNED OUTAGE	5/17/2017 5:26:31 PM	250.78	1
UG Other	PLANNED OUTAGE	5/18/2017 12:43:55 AM	5,062.53	43
UG Other	PLANNED OUTAGE	5/18/2017 7:45:17 AM	264.20	1
OH Other	PLANNED OUTAGE	5/18/2017 8:53:29 AM	11,890.80	18
OH Other	PLANNED OUTAGE	5/18/2017 9:18:19 AM	480.00	8
OH Other	PLANNED OUTAGE	5/18/2017 9:23:04 AM	4,295.85	9
OH Other	PLANNED OUTAGE	5/18/2017 9:26:47 AM	457.35	3
OH Other	PLANNED OUTAGE	5/18/2017 9:35:42 AM	4,088.70	18
UG Other	PLANNED OUTAGE	5/18/2017 9:54:30 AM	120.30	6
OH Other	PLANNED OUTAGE	5/18/2017 10:05:04 AM	78.02	1
OH Other	PLANNED OUTAGE	5/18/2017 10:26:54 AM	1,019.72	17
OH Other	PLANNED OUTAGE	5/18/2017 10:45:32 AM	523.13	7
OH Other	PLANNED OUTAGE	5/18/2017 10:48:15 AM	720.00	4
OH Other	PLANNED OUTAGE	5/18/2017 11:37:10 AM	851.33	8
OH Other	PLANNED OUTAGE	5/18/2017 12:37:53 PM	1,076.55	9
OH Other	PLANNED OUTAGE	5/18/2017 1:33:01 PM	1,128.87	7
UG Other	PLANNED OUTAGE	5/18/2017 5:11:04 PM	318.62	1
Circuit Out	PLANNED OUTAGE	5/18/2017 6:40:19 PM	286.00	88
Circuit Out	PLANNED OUTAGE	5/18/2017 8:38:07 PM	2,272.90	714
OH Other	PLANNED OUTAGE	5/19/2017 1:52:38 AM	8,686.33	46
OH Other	PLANNED OUTAGE	5/19/2017 2:26:44 AM	150.67	4
UG Other	PLANNED OUTAGE	5/19/2017 5:02:46 AM	7,231.80	12
OH Other	PLANNED OUTAGE	5/19/2017 8:50:44 AM	314.53	2
OH Other	PLANNED OUTAGE	5/19/2017 8:51:37 AM	312.20	2
OH Other	PLANNED OUTAGE	5/19/2017 9:52:54 AM	921.33	16
UG Other	PLANNED OUTAGE	5/19/2017 9:57:37 AM	126.60	12
OH Other	PLANNED OUTAGE	5/19/2017 10:08:42 AM	98.48	1
OH Other	PLANNED OUTAGE	5/19/2017 10:34:23 AM	114.43	1
OH Other	PLANNED OUTAGE	5/19/2017 10:56:28 AM	2,672.40	18
Circuit Out	PLANNED OUTAGE	5/19/2017 12:36:55 PM	2,042.40	444
UG Other	PLANNED OUTAGE	5/20/2017 8:11:03 AM	158.33	2
OH Other	PLANNED OUTAGE	5/20/2017 8:42:41 AM	1,654.73	4
Circuit Out	PLANNED OUTAGE	5/20/2017 9:11:04 AM	49,326.80	2913
UG Other	PLANNED OUTAGE	5/20/2017 10:41:14 AM	156.75	1
OH Other	PLANNED OUTAGE	5/20/2017 2:32:21 PM	86.80	2
OH Other	PLANNED OUTAGE	5/21/2017 1:53:57 AM	2,221.70	6
Circuit Out	PLANNED OUTAGE	5/21/2017 8:12:18 AM	7,264.83	910
OH Other	PLANNED OUTAGE	5/21/2017 8:17:44 AM	18.92	1
OH Other	PLANNED OUTAGE	5/21/2017 10:50:19 AM	58.30	3
UG Other	PLANNED OUTAGE	5/22/2017 2:04:25 AM	2,801.70	22
OH Other	PLANNED OUTAGE	5/22/2017 8:18:28 AM	659.00	2
OH Other	PLANNED OUTAGE	5/22/2017 8:21:26 AM	107.80	11
UG Other	PLANNED OUTAGE	5/22/2017 9:09:12 AM	990.00	2
UG Other	PLANNED OUTAGE	5/22/2017 10:33:24 AM	427.50	9
OH Other	PLANNED OUTAGE	5/22/2017 11:18:51 AM	168.33	4
URD Outage	PLANNED OUTAGE	5/22/2017 12:45:25 PM	730.08	5
OH Other	PLANNED OUTAGE	5/22/2017 1:19:45 PM	284.67	10

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
UG Other	PLANNED OUTAGE	5/22/2017 1:56:51 PM	182.90	6
OH Other	PLANNED OUTAGE	5/22/2017 3:14:33 PM	201.40	6
OH Other	PLANNED OUTAGE	5/22/2017 5:20:02 PM	2,556.52	17
OH Other	PLANNED OUTAGE	5/22/2017 5:41:40 PM	386.67	8
UG Other	PLANNED OUTAGE	5/23/2017 7:40:21 AM	110.37	2
OH Other	PLANNED OUTAGE	5/23/2017 8:23:20 AM	820.72	1
OH Other	PLANNED OUTAGE	5/23/2017 8:33:14 AM	2,695.10	6
UG Other	PLANNED OUTAGE	5/23/2017 8:38:37 AM	542.85	21
OH Other	PLANNED OUTAGE	5/23/2017 9:04:18 AM	92.77	1
UG Other	PLANNED OUTAGE	5/23/2017 9:25:50 AM	1,160.90	19
OH Other	PLANNED OUTAGE	5/23/2017 9:28:00 AM	10,594.50	14
OH Other	PLANNED OUTAGE	5/23/2017 9:32:19 AM	1,078.00	6
OH Other	PLANNED OUTAGE	5/23/2017 9:46:51 AM	510.73	4
OH Other	PLANNED OUTAGE	5/23/2017 11:08:22 AM	299.07	1
OH Other	PLANNED OUTAGE	5/23/2017 11:11:43 AM	3,924.40	6
OH Other	PLANNED OUTAGE	5/23/2017 11:12:05 AM	2,613.00	4
UG Other	PLANNED OUTAGE	5/23/2017 12:03:31 PM	2,718.45	27
UG Other	PLANNED OUTAGE	5/23/2017 1:04:41 PM	39.43	1
UG Other	PLANNED OUTAGE	5/23/2017 4:15:34 PM	874.93	17
OH Other	PLANNED OUTAGE	5/24/2017 8:24:39 AM	170.00	1
PLF	PLANNED OUTAGE	5/24/2017 8:40:07 AM	331.10	2
OH Other	PLANNED OUTAGE	5/24/2017 9:48:06 AM	74.10	1
UG Other	PLANNED OUTAGE	5/24/2017 10:30:10 AM	2,614.00	5
UG Other	PLANNED OUTAGE	5/24/2017 10:30:10 AM	522.58	1
OH Other	PLANNED OUTAGE	5/24/2017 10:53:08 AM	1,473.85	7
OH Other	PLANNED OUTAGE	5/24/2017 11:10:54 AM	406.25	3
PLF	PLANNED OUTAGE	5/24/2017 11:37:16 AM	8,147.07	49
PLF	PLANNED OUTAGE	5/24/2017 11:52:43 AM	477.20	6
OH Other	PLANNED OUTAGE	5/24/2017 1:19:01 PM	192.55	3
UG Other	PLANNED OUTAGE	5/24/2017 3:07:24 PM	2,899.73	16
OH Other	PLANNED OUTAGE	5/24/2017 3:47:46 PM	5,073.10	1569
OH Other	PLANNED OUTAGE	5/24/2017 4:22:43 PM	2,653.70	42
OH Other	PLANNED OUTAGE	5/24/2017 4:28:53 PM	2,141.17	443
OCR, Sec.	PLANNED OUTAGE	5/24/2017 7:50:38 PM	2,542.80	36
TX Repaired (PM)	PLANNED OUTAGE	5/25/2017 3:48:12 AM	5,006.83	22
UG Other	PLANNED OUTAGE	5/25/2017 8:39:26 AM	866.13	7
OH Other	PLANNED OUTAGE	5/25/2017 9:12:21 AM	306.42	1
OH Other	PLANNED OUTAGE	5/25/2017 9:49:46 AM	958.33	5
UG Other	PLANNED OUTAGE	5/25/2017 9:52:05 AM	171.62	1
OH Other	PLANNED OUTAGE	5/25/2017 10:22:52 AM	769.83	10
OH Other	PLANNED OUTAGE	5/25/2017 11:34:03 AM	3,579.12	13
OH Other	PLANNED OUTAGE	5/25/2017 12:27:22 PM	222.80	1
OH Other	PLANNED OUTAGE	5/25/2017 1:32:42 PM	21.50	1
OH Other	PLANNED OUTAGE	5/25/2017 1:34:06 PM	268.60	4
OH Other	PLANNED OUTAGE	5/25/2017 1:34:18 PM	335.17	5
UG Other	PLANNED OUTAGE	5/25/2017 1:52:43 PM	191.17	5
UG Other	PLANNED OUTAGE	5/25/2017 3:34:11 PM	618.10	21
UG Other	PLANNED OUTAGE	5/25/2017 5:51:29 PM	427.40	1
OH Other	PLANNED OUTAGE	5/26/2017 1:30:25 AM	3,735.27	86
OH Other	PLANNED OUTAGE	5/26/2017 8:40:46 AM	1,415.20	8
OH Other	PLANNED OUTAGE	5/26/2017 3:02:41 PM	5,270.55	9
UG Other	PLANNED OUTAGE	5/27/2017 3:33:49 AM	1,254.13	8
OH Other	PLANNED OUTAGE	5/27/2017 10:11:34 AM	6,799.33	470

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	5/27/2017 12:42:47 PM	1,784.53	448
OH Other	PLANNED OUTAGE	5/29/2017 2:16:34 PM	6,882.12	1957
UG Other	PLANNED OUTAGE	5/30/2017 8:12:33 AM	6,643.50	10
OH Other	PLANNED OUTAGE	5/30/2017 9:21:46 AM	1,656.00	5
OH Other	PLANNED OUTAGE	5/30/2017 9:22:42 AM	595.13	1
OH Other	PLANNED OUTAGE	5/30/2017 9:26:54 AM	1,183.40	2
UG Other	PLANNED OUTAGE	5/30/2017 11:09:37 AM	363.92	5
UG Other	PLANNED OUTAGE	5/30/2017 12:13:14 PM	852.27	2
OH Other	PLANNED OUTAGE	5/30/2017 1:08:56 PM	1,485.00	4
OH Other	PLANNED OUTAGE	5/30/2017 2:46:52 PM	378.93	4
OH Other	PLANNED OUTAGE	5/30/2017 3:44:30 PM	1,860.08	1717
UG Other	PLANNED OUTAGE	5/31/2017 8:27:53 AM	3,537.13	17
OH Other	PLANNED OUTAGE	5/31/2017 8:35:03 AM	1,321.67	5
OH Other	PLANNED OUTAGE	5/31/2017 8:58:58 AM	1,208.13	8
OH Other	PLANNED OUTAGE	5/31/2017 9:18:37 AM	3,963.60	6
OH Other	PLANNED OUTAGE	5/31/2017 9:18:50 AM	1,686.17	5
OH Other	PLANNED OUTAGE	5/31/2017 11:03:39 AM	1,668.45	3
OH Other	PLANNED OUTAGE	5/31/2017 11:06:56 AM	678.70	11
OH Other	PLANNED OUTAGE	5/31/2017 2:50:00 PM	1,182.70	6
OH Other	PLANNED OUTAGE	6/1/2017 7:47:42 AM	176.02	1
UG Other	PLANNED OUTAGE	6/1/2017 8:39:58 AM	2,886.33	70
OH Other	PLANNED OUTAGE	6/1/2017 8:50:22 AM	5,754.47	11
OH Other	PLANNED OUTAGE	6/1/2017 8:50:31 AM	3,286.80	6
OH Other	PLANNED OUTAGE	6/1/2017 8:50:36 AM	6,023.60	11
OH Other	PLANNED OUTAGE	6/1/2017 8:59:27 AM	2,697.75	5
UG Other	PLANNED OUTAGE	6/1/2017 9:28:17 AM	1,821.33	16
OH Other	PLANNED OUTAGE	6/1/2017 9:42:17 AM	78.33	5
UG Other	PLANNED OUTAGE	6/1/2017 9:53:19 AM	3,798.17	65
OH Other	PLANNED OUTAGE	6/1/2017 11:25:13 AM	1,573.73	4
OH Other	PLANNED OUTAGE	6/1/2017 11:28:45 AM	200.73	1
OH Other	PLANNED OUTAGE	6/1/2017 12:07:08 PM	33,475.75	987
OH Other	PLANNED OUTAGE	6/1/2017 1:12:14 PM	239.27	2
OH Other	PLANNED OUTAGE	6/2/2017 6:08:40 AM	12,023.50	1038
OH Other	PLANNED OUTAGE	6/2/2017 8:42:20 AM	356.22	1
UG Other	PLANNED OUTAGE	6/2/2017 9:03:40 AM	1,244.60	6
OH Other	PLANNED OUTAGE	6/2/2017 9:26:18 AM	1,170.20	6
UG Other	PLANNED OUTAGE	6/2/2017 9:43:09 AM	1,469.87	4
UG Other	PLANNED OUTAGE	6/2/2017 9:43:09 AM	2,569.82	7
UG Other	PLANNED OUTAGE	6/2/2017 9:43:09 AM	1,469.13	4
OH Other	PLANNED OUTAGE	6/2/2017 9:49:35 AM	2,826.25	95
OH Other	PLANNED OUTAGE	6/2/2017 9:49:35 AM	5,692.17	205
UG Other	PLANNED OUTAGE	6/2/2017 9:55:07 AM	259.77	2
UG Other	PLANNED OUTAGE	6/2/2017 10:32:47 AM	500.67	10
UG Other	PLANNED OUTAGE	6/2/2017 11:01:05 AM	202.33	5
OH Other	PLANNED OUTAGE	6/2/2017 1:21:10 PM	306.72	7
OH Other	PLANNED OUTAGE	6/2/2017 8:16:42 PM	559.07	56
OH Other	PLANNED OUTAGE	6/3/2017 1:05:00 PM	225.25	1
OH Other	PLANNED OUTAGE	6/3/2017 1:19:49 PM	332.45	3
OH Other	PLANNED OUTAGE	6/4/2017 8:19:37 AM	11,256.00	168
OH Other	PLANNED OUTAGE	6/4/2017 9:35:14 AM	2,302.83	82
OH Other	PLANNED OUTAGE	6/4/2017 2:15:47 PM	99.33	2
Circuit Out	PLANNED OUTAGE	6/4/2017 3:17:46 PM	825.50	762
Circuit Out	PLANNED OUTAGE	6/5/2017 1:14:29 AM	1,106.82	371

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	6/5/2017 10:32:22 AM	1,181.20	3
OH Other	PLANNED OUTAGE	6/5/2017 10:46:04 AM	1,602.73	4
OH Other	PLANNED OUTAGE	6/5/2017 12:10:19 PM	823.90	7
OH Other	PLANNED OUTAGE	6/5/2017 4:47:24 PM	1,831.13	44
OH Other	PLANNED OUTAGE	6/6/2017 8:13:00 AM	138.23	1
OH Other	PLANNED OUTAGE	6/6/2017 8:26:29 AM	2,132.55	7
OH Other	PLANNED OUTAGE	6/6/2017 12:06:53 PM	1,420.25	3
UG Other	PLANNED OUTAGE	6/7/2017 9:26:34 AM	290.97	7
UG Other	PLANNED OUTAGE	6/7/2017 9:41:49 AM	330.40	7
OH Other	PLANNED OUTAGE	6/7/2017 3:04:19 PM	4,289.60	56
URD Outage	PLANNED OUTAGE	6/8/2017 6:22:33 AM	6.80	1
OH Other	PLANNED OUTAGE	6/8/2017 8:30:33 AM	2,886.67	10
OH Other	PLANNED OUTAGE	6/8/2017 8:33:32 AM	1,653.75	35
URD Outage	PLANNED OUTAGE	6/8/2017 9:00:26 AM	7,593.07	46
URD Outage	PLANNED OUTAGE	6/8/2017 9:00:26 AM	7,593.07	46
OH Other	PLANNED OUTAGE	6/8/2017 9:03:46 AM	10,346.05	33
OH Other	PLANNED OUTAGE	6/8/2017 9:05:21 AM	1,802.40	3
OH Other	PLANNED OUTAGE	6/8/2017 9:05:26 AM	1,803.65	3
URD Outage	PLANNED OUTAGE	6/8/2017 9:16:06 AM	556.67	8
OH Other	PLANNED OUTAGE	6/8/2017 10:14:08 AM	846.07	4
OH Other	PLANNED OUTAGE	6/8/2017 10:56:59 AM	3,016.58	5
OH Other	PLANNED OUTAGE	6/8/2017 11:31:01 AM	1,852.58	11
OH Other	PLANNED OUTAGE	6/8/2017 1:19:58 PM	37.40	2
OH Other	PLANNED OUTAGE	6/8/2017 4:25:17 PM	1,312.05	9
OH Other	PLANNED OUTAGE	6/8/2017 9:28:27 PM	18,185.88	679
UG Other	PLANNED OUTAGE	6/9/2017 9:15:43 AM	6,380.00	50
OH Other	PLANNED OUTAGE	6/9/2017 9:54:41 AM	20,172.40	232
OH Other	PLANNED OUTAGE	6/9/2017 10:04:25 AM	1,276.68	7
OH Other	PLANNED OUTAGE	6/9/2017 11:01:53 AM	310.00	6
OH Other	PLANNED OUTAGE	6/9/2017 12:43:36 PM	7,971.00	15
PLF	PLANNED OUTAGE	6/10/2017 8:13:57 AM	22.15	1
OH Other	PLANNED OUTAGE	6/10/2017 10:01:19 AM	1,957.63	11
OH Other	PLANNED OUTAGE	6/10/2017 12:51:41 PM	195.72	1
Circuit Out	PLANNED OUTAGE	6/10/2017 2:06:07 PM	12,645.93	1798
Circuit Out	PLANNED OUTAGE	6/10/2017 2:08:07 PM	156,216.23	1798
OH Other	PLANNED OUTAGE	6/11/2017 9:24:00 AM	839.35	3
Circuit Out	PLANNED OUTAGE	6/11/2017 1:37:22 PM	414.75	237
URD Outage	PLANNED OUTAGE	6/11/2017 1:37:50 PM	402.90	237
OH Other	PLANNED OUTAGE	6/12/2017 5:35:25 AM	854.47	7
UG Other	PLANNED OUTAGE	6/12/2017 7:43:41 AM	706.32	1
OH Other	PLANNED OUTAGE	6/12/2017 8:11:38 AM	1,870.10	2
UG Other	PLANNED OUTAGE	6/12/2017 10:53:53 AM	616.00	4
OH Other	PLANNED OUTAGE	6/12/2017 11:00:16 AM	269.90	2
UG Other	PLANNED OUTAGE	6/12/2017 11:44:19 AM	1,122.13	8
OH Other	PLANNED OUTAGE	6/12/2017 12:30:53 PM	783.92	5
OH Other	PLANNED OUTAGE	6/12/2017 1:13:52 PM	1,422.50	10
OH Other	PLANNED OUTAGE	6/12/2017 1:19:31 PM	1,358.25	9
OH Other	PLANNED OUTAGE	6/12/2017 2:14:11 PM	6,992.85	9
UG Other	PLANNED OUTAGE	6/13/2017 8:19:50 AM	239.43	1
Oil Switch	PLANNED OUTAGE	6/13/2017 8:58:00 AM	4,760.67	10
OH Other	PLANNED OUTAGE	6/13/2017 9:08:33 AM	14.78	1
URD Outage	PLANNED OUTAGE	6/13/2017 9:31:50 AM	14,218.20	54
URD Outage	PLANNED OUTAGE	6/13/2017 9:44:31 AM	359.05	3

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
URD Outage	PLANNED OUTAGE	6/13/2017 9:44:31 AM	4,432.47	34
UG Other	PLANNED OUTAGE	6/13/2017 9:51:30 AM	1,301.65	7
UG Other	PLANNED OUTAGE	6/13/2017 9:51:30 AM	2,301.60	9
OH Other	PLANNED OUTAGE	6/13/2017 10:10:01 AM	416.62	1
OH Other	PLANNED OUTAGE	6/13/2017 10:56:00 AM	7,155.33	20
OH Other	PLANNED OUTAGE	6/13/2017 10:56:31 AM	1,685.25	9
OH Other	PLANNED OUTAGE	6/13/2017 11:01:54 AM	735.45	3
OH Other	PLANNED OUTAGE	6/13/2017 11:10:27 AM	1,459.80	9
OH Other	PLANNED OUTAGE	6/13/2017 11:18:20 AM	2,346.87	7
UG Other	PLANNED OUTAGE	6/13/2017 11:37:01 AM	789.00	10
URD Outage	PLANNED OUTAGE	6/13/2017 11:59:10 AM	1,278.85	3
URD Outage	PLANNED OUTAGE	6/13/2017 12:56:31 PM	1,223.50	15
OH Other	PLANNED OUTAGE	6/13/2017 1:52:08 PM	3,603.60	231
UG Other	PLANNED OUTAGE	6/13/2017 2:18:31 PM	945.00	20
TX Repaired (PM)	PLANNED OUTAGE	6/14/2017 7:41:34 AM	147.02	1
OH Other	PLANNED OUTAGE	6/14/2017 8:58:39 AM	3,708.50	10
UG Other	PLANNED OUTAGE	6/14/2017 8:59:14 AM	979.33	10
URD Outage	PLANNED OUTAGE	6/14/2017 9:23:40 AM	2,134.17	26
URD Outage	PLANNED OUTAGE	6/14/2017 10:01:38 AM	1,316.40	18
OH Other	PLANNED OUTAGE	6/14/2017 10:42:10 AM	850.33	10
OH Other	PLANNED OUTAGE	6/14/2017 10:43:55 AM	14,294.33	20
TX Repaired (OH)	PLANNED OUTAGE	6/14/2017 2:59:51 PM	1,142.40	9
OH Other	PLANNED OUTAGE	6/15/2017 8:23:31 AM	1,914.33	10
UG Other	PLANNED OUTAGE	6/15/2017 8:48:33 AM	670.93	8
URD Outage	PLANNED OUTAGE	6/15/2017 8:59:30 AM	327.00	1
URD Outage	PLANNED OUTAGE	6/15/2017 9:08:21 AM	792.20	12
URD Outage	PLANNED OUTAGE	6/15/2017 9:08:21 AM	1,093.80	12
URD Outage	PLANNED OUTAGE	6/15/2017 9:08:21 AM	319.80	12
OH Other	PLANNED OUTAGE	6/15/2017 9:40:24 AM	981.60	4
OH Other	PLANNED OUTAGE	6/15/2017 9:43:05 AM	448.60	4
TX Repaired (OH)	PLANNED OUTAGE	6/15/2017 9:57:48 AM	1,901.72	11
OH Other	PLANNED OUTAGE	6/15/2017 10:01:48 AM	1,004.13	8
OH Other	PLANNED OUTAGE	6/15/2017 10:01:48 AM	2,505.60	9
OH Other	PLANNED OUTAGE	6/15/2017 10:01:48 AM	3,062.40	11
PLF	PLANNED OUTAGE	6/15/2017 10:33:28 AM	834.42	31
OH Other	PLANNED OUTAGE	6/15/2017 11:30:40 AM	374.50	3
OH Other	PLANNED OUTAGE	6/15/2017 11:48:35 AM	835.92	5
OH Other	PLANNED OUTAGE	6/15/2017 12:25:36 PM	1,412.67	20
TX Repaired (OH)	PLANNED OUTAGE	6/15/2017 12:31:45 PM	703.08	5
TX Repaired (PM)	PLANNED OUTAGE	6/15/2017 3:18:37 PM	1,035.73	1
Circuit Out	PLANNED OUTAGE	6/15/2017 6:25:09 PM	21,057.30	1418
OH Other	PLANNED OUTAGE	6/16/2017 1:38:58 AM	882.95	3
OH Other	PLANNED OUTAGE	6/16/2017 8:49:29 AM	176.48	1
OH Other	PLANNED OUTAGE	6/16/2017 11:44:57 AM	90.30	6
OH Other	PLANNED OUTAGE	6/16/2017 12:33:01 PM	52.65	1
PLF	PLANNED OUTAGE	6/18/2017 8:03:41 AM	2,531.90	14
Circuit Out	PLANNED OUTAGE	6/18/2017 4:39:05 PM	8,279.25	1197
PLF	PLANNED OUTAGE	6/18/2017 8:32:40 PM	1,892.70	27
OH Other	PLANNED OUTAGE	6/18/2017 11:19:37 PM	6,267.87	58
TX Repaired (OH)	PLANNED OUTAGE	6/18/2017 11:22:09 PM	211.67	2
OH Other	PLANNED OUTAGE	6/19/2017 1:03:14 AM	3,920.67	40
UG Other	PLANNED OUTAGE	6/19/2017 9:42:27 AM	403.70	11
URD Outage	PLANNED OUTAGE	6/19/2017 10:22:02 AM	302.08	5

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	6/19/2017 12:20:55 PM	321.05	3
OH Other	PLANNED OUTAGE	6/19/2017 1:11:38 PM	2,215.20	9
OH Other	PLANNED OUTAGE	6/19/2017 1:32:42 PM	2,037.57	11
OH Other	PLANNED OUTAGE	6/19/2017 1:36:29 PM	453.30	6
OH Other	PLANNED OUTAGE	6/19/2017 4:03:41 PM	2,737.93	7
OH Other	PLANNED OUTAGE	6/19/2017 7:20:57 PM	4,133.45	57
OH Other	PLANNED OUTAGE	6/20/2017 9:07:47 AM	2,831.75	5
OH Other	PLANNED OUTAGE	6/20/2017 9:37:57 AM	1,301.47	8
OH Other	PLANNED OUTAGE	6/20/2017 10:05:30 AM	2,022.10	6
OH Other	PLANNED OUTAGE	6/20/2017 10:37:58 AM	2,714.50	10
OH Other	PLANNED OUTAGE	6/20/2017 10:57:23 AM	462.33	5
OH Other	PLANNED OUTAGE	6/20/2017 11:10:44 AM	649.20	8
UG Other	PLANNED OUTAGE	6/20/2017 11:13:32 AM	209.88	1
OH Other	PLANNED OUTAGE	6/20/2017 11:14:02 AM	3,085.25	7
Circuit Out	PLANNED OUTAGE	6/20/2017 1:21:22 PM	3,284.17	1126
OH Other	PLANNED OUTAGE	6/20/2017 1:44:41 PM	422.70	3
OH Other	PLANNED OUTAGE	6/20/2017 2:27:39 PM	1,477.60	16
OH Other	PLANNED OUTAGE	6/20/2017 6:30:30 PM	260.20	2
OH Other	PLANNED OUTAGE	6/20/2017 8:45:47 PM	1,249.60	66
URD Outage	PLANNED OUTAGE	6/21/2017 8:32:14 AM	335.25	1
URD Outage	PLANNED OUTAGE	6/21/2017 8:55:18 AM	2,384.03	37
URD Outage	PLANNED OUTAGE	6/21/2017 8:59:53 AM	1,273.33	20
OH Other	PLANNED OUTAGE	6/21/2017 9:43:27 AM	3,509.70	9
OH Other	PLANNED OUTAGE	6/21/2017 9:43:39 AM	3,188.40	9
OH Other	PLANNED OUTAGE	6/21/2017 9:48:06 AM	1,740.75	5
URD Outage	PLANNED OUTAGE	6/21/2017 9:55:01 AM	202.00	1
OH Other	PLANNED OUTAGE	6/21/2017 10:15:22 AM	706.67	4
OH Other	PLANNED OUTAGE	6/21/2017 10:25:41 AM	1,255.13	4
OH Other	PLANNED OUTAGE	6/21/2017 10:37:09 AM	3,901.00	15
URD Outage	PLANNED OUTAGE	6/21/2017 10:43:37 AM	1,457.13	22
URD Outage	PLANNED OUTAGE	6/21/2017 11:03:01 AM	539.72	13
OH Other	PLANNED OUTAGE	6/21/2017 1:23:54 PM	443.20	6
TX Repaired (PM)	PLANNED OUTAGE	6/21/2017 5:05:37 PM	320.70	1
Circuit Out	PLANNED OUTAGE	6/21/2017 10:58:37 PM	5,633.48	763
TX Repaired (PM)	PLANNED OUTAGE	6/22/2017 8:25:44 AM	1,062.40	12
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 9:00:08 AM	1,832.58	5
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 9:24:53 AM	1,842.45	9
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 9:25:38 AM	273.47	1
OH Other	PLANNED OUTAGE	6/22/2017 9:47:31 AM	227.48	1
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 9:52:01 AM	1,804.40	6
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 10:10:12 AM	399.60	2
PLF	PLANNED OUTAGE	6/22/2017 11:13:22 AM	933.00	12
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 11:26:45 AM	1,147.67	5
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 11:27:37 AM	2,548.60	12
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 11:44:20 AM	640.50	7
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 2:51:31 PM	1,691.43	22
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 3:00:44 PM	350.17	5
UG Other	PLANNED OUTAGE	6/22/2017 4:19:40 PM	629.83	5
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 4:51:52 PM	32.17	2
TX Repaired (OH)	PLANNED OUTAGE	6/22/2017 5:41:34 PM	395.70	3
PLF	PLANNED OUTAGE	6/22/2017 11:05:31 PM	1,962.37	34
Circuit Out	PLANNED OUTAGE	6/22/2017 11:46:11 PM	1,576.00	30
OH Other	PLANNED OUTAGE	6/23/2017 9:19:33 AM	2,999.37	17

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (PM)	PLANNED OUTAGE	6/23/2017 9:43:27 AM	919.95	9
OH Other	PLANNED OUTAGE	6/23/2017 10:26:36 AM	4,028.40	18
TX Repaired (OH)	PLANNED OUTAGE	6/24/2017 3:41:26 AM	54.70	1
OH Other	PLANNED OUTAGE	6/24/2017 5:34:58 AM	65.42	1
OH Other	PLANNED OUTAGE	6/24/2017 7:17:33 AM	70.57	2
PLF	PLANNED OUTAGE	6/24/2017 7:43:37 AM	1,123.00	3
TX Repaired (OH)	PLANNED OUTAGE	6/24/2017 4:08:55 PM	986.67	5
TX Repaired (OH)	PLANNED OUTAGE	6/25/2017 8:05:14 AM	696.30	1
OH Other	PLANNED OUTAGE	6/25/2017 11:10:23 AM	592.85	3
PLF	PLANNED OUTAGE	6/25/2017 9:13:09 PM	8,198.17	70
PLF	PLANNED OUTAGE	6/26/2017 12:39:48 AM	666.30	18
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 5:02:55 AM	1,228.03	7
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 8:44:27 AM	1,710.50	6
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 9:08:03 AM	2,484.50	10
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 9:47:35 AM	3,069.20	12
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 10:02:43 AM	247.58	1
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 10:06:51 AM	242.35	1
TX Repaired (PM)	PLANNED OUTAGE	6/26/2017 10:13:06 AM	990.25	15
OH Other	PLANNED OUTAGE	6/26/2017 10:28:27 AM	260.33	1
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 10:32:58 AM	1,742.93	4
UG Other	PLANNED OUTAGE	6/26/2017 11:26:24 AM	123.72	1
TX Repaired (PM)	PLANNED OUTAGE	6/26/2017 1:25:30 PM	460.60	14
TX Repaired (OH)	PLANNED OUTAGE	6/26/2017 1:43:21 PM	69.27	4
TX Repaired (PM)	PLANNED OUTAGE	6/26/2017 1:45:21 PM	49.50	1
PLF	PLANNED OUTAGE	6/26/2017 5:21:58 PM	38,404.93	226
PLF	PLANNED OUTAGE	6/26/2017 9:03:04 PM	325.20	1
OH Other	PLANNED OUTAGE	6/27/2017 12:23:47 AM	169.95	3
OH Other	PLANNED OUTAGE	6/27/2017 6:48:34 AM	464.87	4
TX Repaired (OH)	PLANNED OUTAGE	6/27/2017 8:07:17 AM	48.32	1
OH Other	PLANNED OUTAGE	6/27/2017 8:12:14 AM	135.30	11
OH Other	PLANNED OUTAGE	6/27/2017 10:00:55 AM	541.30	6
OH Other	PLANNED OUTAGE	6/27/2017 10:19:52 AM	1,134.08	5
OH Other	PLANNED OUTAGE	6/27/2017 10:31:30 AM	562.17	5
OH Other	PLANNED OUTAGE	6/27/2017 10:47:11 AM	8,318.00	20
TX Repaired (OH)	PLANNED OUTAGE	6/27/2017 10:55:55 AM	1,375.18	11
TX Repaired (OH)	PLANNED OUTAGE	6/27/2017 10:56:02 AM	252.50	2
TX Repaired (OH)	PLANNED OUTAGE	6/27/2017 10:56:08 AM	1,017.47	8
OH Other	PLANNED OUTAGE	6/27/2017 12:32:27 PM	297.35	3
OCR, Sec.	PLANNED OUTAGE	6/27/2017 9:28:07 PM	29,262.20	564
PLF	PLANNED OUTAGE	6/28/2017 1:41:23 AM	823.27	106
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 8:25:05 AM	219.40	6
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 8:28:56 AM	1,332.22	7
PLF	PLANNED OUTAGE	6/28/2017 8:36:25 AM	592.00	24
OH Other	PLANNED OUTAGE	6/28/2017 8:56:19 AM	1,197.47	7
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 9:09:16 AM	2,595.47	8
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 9:11:21 AM	979.10	3
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 9:12:44 AM	2,611.07	8
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 9:13:44 AM	1,960.90	6
PLF	PLANNED OUTAGE	6/28/2017 9:16:20 AM	976.85	3
TX Repaired (PM)	PLANNED OUTAGE	6/28/2017 9:33:43 AM	1,177.67	20
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 9:39:31 AM	335.32	11
PLF	PLANNED OUTAGE	6/28/2017 9:44:22 AM	3,925.50	18
PLF	PLANNED OUTAGE	6/28/2017 10:08:09 AM	4,885.10	33

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OCR, Sec.	PLANNED OUTAGE	6/28/2017 11:55:53 AM	11,112.47	566
TX Repaired (PM)	PLANNED OUTAGE	6/28/2017 2:20:12 PM	132.00	8
TX Repaired (OH)	PLANNED OUTAGE	6/28/2017 5:03:43 PM	1,639.60	4
UG Other	PLANNED OUTAGE	6/29/2017 6:30:25 AM	169.32	1
OH Other	PLANNED OUTAGE	6/29/2017 7:27:45 AM	49.45	1
OH Other	PLANNED OUTAGE	6/29/2017 8:40:14 AM	3,680.20	6
TX Repaired (OH)	PLANNED OUTAGE	6/29/2017 8:47:47 AM	132.22	1
TX Repaired (OH)	PLANNED OUTAGE	6/29/2017 9:06:44 AM	259.07	1
TX Repaired (OH)	PLANNED OUTAGE	6/29/2017 9:45:52 AM	276.90	2
OH Other	PLANNED OUTAGE	6/29/2017 10:05:05 AM	38.45	1
TX Repaired (OH)	PLANNED OUTAGE	6/29/2017 1:03:31 PM	287.40	2
TX Repaired (OH)	PLANNED OUTAGE	6/29/2017 1:15:39 PM	1,694.08	5
OH Other	PLANNED OUTAGE	6/29/2017 1:26:24 PM	3,288.83	10
URD Outage	PLANNED OUTAGE	6/29/2017 1:29:15 PM	57.20	1
URD Outage	PLANNED OUTAGE	6/29/2017 1:34:59 PM	861.62	17
Service - Crew	PLANNED OUTAGE	6/29/2017 1:56:46 PM	185.73	1
OH Other	PLANNED OUTAGE	6/29/2017 8:52:30 PM	1,830.05	51
TX Repaired (OH)	PLANNED OUTAGE	6/30/2017 2:38:46 AM	353.00	6
PLF	PLANNED OUTAGE	6/30/2017 8:16:20 AM	502.18	1
OH Other	PLANNED OUTAGE	6/30/2017 8:36:50 AM	340.88	1
OH Other	PLANNED OUTAGE	6/30/2017 8:43:58 AM	196.80	6
OH Other	PLANNED OUTAGE	6/30/2017 11:28:06 AM	430.53	8
OH Other	PLANNED OUTAGE	6/30/2017 11:31:55 AM	242.28	1
TX Repaired (OH)	PLANNED OUTAGE	6/30/2017 11:48:19 AM	441.97	2
TX Repaired (OH)	PLANNED OUTAGE	6/30/2017 12:55:14 PM	337.00	1
OH Other	PLANNED OUTAGE	6/30/2017 3:42:37 PM	18.95	1
TX Repaired (PM)	PLANNED OUTAGE	6/30/2017 8:49:10 PM	465.92	5
TX Repaired (OH)	PLANNED OUTAGE	7/1/2017 2:59:02 AM	1,950.18	17
URD Outage	PLANNED OUTAGE	7/1/2017 7:41:28 AM	432.83	2
URD Outage	PLANNED OUTAGE	7/1/2017 8:27:12 AM	297.38	1
TX Repaired (OH)	PLANNED OUTAGE	7/1/2017 11:46:00 AM	5,711.42	5
OH Other	PLANNED OUTAGE	7/1/2017 9:42:03 PM	348.67	2
URD Outage	PLANNED OUTAGE	7/1/2017 9:42:55 PM	17,050.37	143
Circuit Out	PLANNED OUTAGE	7/1/2017 11:46:39 PM	3,983.20	766
PLF	PLANNED OUTAGE	7/1/2017 11:49:28 PM	664.30	26
TX Repaired (OH)	PLANNED OUTAGE	7/2/2017 8:10:27 AM	182.60	6
OH Other	PLANNED OUTAGE	7/3/2017 8:40:56 AM	1,906.53	4
TX Repaired (OH)	PLANNED OUTAGE	7/3/2017 8:59:46 AM	2,143.80	6
URD Outage	PLANNED OUTAGE	7/3/2017 9:21:43 AM	204.00	4
TX Repaired (OH)	PLANNED OUTAGE	7/3/2017 10:57:34 AM	681.77	2
TX Repaired (OH)	PLANNED OUTAGE	7/3/2017 11:33:01 AM	613.83	2
TX Repaired (OH)	PLANNED OUTAGE	7/3/2017 1:33:04 PM	86.42	1
OH Other	PLANNED OUTAGE	7/4/2017 4:00:42 PM	5,096.70	42
Circuit Out	PLANNED OUTAGE	7/4/2017 4:22:40 PM	67,888.52	1243
OH Other	PLANNED OUTAGE	7/4/2017 6:45:50 PM	871.17	10
TX Repaired (OH)	PLANNED OUTAGE	7/5/2017 9:31:36 AM	1,669.93	4
UG Other	PLANNED OUTAGE	7/5/2017 9:33:29 AM	1,964.28	19
URD Outage	PLANNED OUTAGE	7/5/2017 10:56:01 AM	4,549.80	36
OH Other	PLANNED OUTAGE	7/5/2017 11:04:32 AM	62.12	1
URD Outage	PLANNED OUTAGE	7/5/2017 11:49:39 AM	1,015.00	12
TX Repaired (OH)	PLANNED OUTAGE	7/5/2017 12:08:59 PM	1,337.25	5
TX Repaired (OH)	PLANNED OUTAGE	7/6/2017 2:17:04 AM	495.00	3
PLF	PLANNED OUTAGE	7/6/2017 5:03:43 AM	167.92	13

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (PM)	PLANNED OUTAGE	7/6/2017 8:08:55 AM	18,138.87	94
TX Replaced (OH)	PLANNED OUTAGE	7/6/2017 8:58:24 AM	607.80	3
TX Replaced (OH)	PLANNED OUTAGE	7/6/2017 9:58:14 AM	2,794.50	9
OH Other	PLANNED OUTAGE	7/6/2017 10:04:31 AM	4,260.90	14
OH Other	PLANNED OUTAGE	7/6/2017 10:04:39 AM	1,826.10	6
TX Repaired (OH)	PLANNED OUTAGE	7/6/2017 10:17:57 AM	1,074.00	6
TX Repaired (OH)	PLANNED OUTAGE	7/6/2017 10:20:09 AM	1,942.60	11
TX Repaired (OH)	PLANNED OUTAGE	7/6/2017 11:52:54 AM	394.08	1
Regulator	PLANNED OUTAGE	7/6/2017 1:40:32 PM	902.00	615
PLF	PLANNED OUTAGE	7/6/2017 11:39:09 PM	366.68	1
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 7:43:19 AM	48.85	1
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 8:18:31 AM	2,900.17	5
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 8:28:31 AM	1,360.67	10
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 8:54:53 AM	2,911.35	9
OH Other	PLANNED OUTAGE	7/7/2017 10:15:00 AM	3,543.47	8
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 12:18:44 PM	2,391.90	7
TX Repaired (PM)	PLANNED OUTAGE	7/7/2017 1:37:41 PM	185.07	4
TX Repaired (PM)	PLANNED OUTAGE	7/7/2017 1:37:41 PM	1,087.27	4
TX Repaired (OH)	PLANNED OUTAGE	7/7/2017 3:58:35 PM	800.57	7
UG Other	PLANNED OUTAGE	7/8/2017 5:16:18 AM	868.40	12
TX Repaired (OH)	PLANNED OUTAGE	7/8/2017 10:59:06 AM	461.80	1
TX Repaired (PM)	PLANNED OUTAGE	7/8/2017 3:28:17 PM	950.53	4
TX Repaired (PM)	PLANNED OUTAGE	7/9/2017 6:55:16 PM	94.73	1
TX Repaired (OH)	PLANNED OUTAGE	7/10/2017 8:40:47 AM	3,972.90	6
OH Other	PLANNED OUTAGE	7/10/2017 8:42:01 AM	601.65	9
TX Repaired (OH)	PLANNED OUTAGE	7/10/2017 9:09:47 AM	661.30	6
TX Repaired (OH)	PLANNED OUTAGE	7/10/2017 10:13:10 AM	2,281.93	13
TX Repaired (OH)	PLANNED OUTAGE	7/10/2017 10:25:03 AM	3,657.15	7
TX Repaired (OH)	PLANNED OUTAGE	7/10/2017 12:23:20 PM	637.70	3
OH Other	PLANNED OUTAGE	7/10/2017 1:42:51 PM	105.80	1
Circuit Out	PLANNED OUTAGE	7/10/2017 3:22:32 PM	36,885.33	1040
OH Other	PLANNED OUTAGE	7/10/2017 4:32:25 PM	7,171.00	12
Circuit Out	PLANNED OUTAGE	7/10/2017 8:01:44 PM	9,472.45	247
Service - Crew	PLANNED OUTAGE	7/10/2017 10:25:11 PM	926.10	1
OCR, Sec.	PLANNED OUTAGE	7/10/2017 11:33:21 PM	7,406.00	276
OH Other	PLANNED OUTAGE	7/11/2017 5:27:12 AM	6,985.77	13
TX Repaired (OH)	PLANNED OUTAGE	7/11/2017 11:47:13 AM	1,018.40	6
PLF	PLANNED OUTAGE	7/11/2017 12:25:10 PM	44,013.37	86
TX Repaired (OH)	PLANNED OUTAGE	7/11/2017 12:25:22 PM	1,010.70	6
PLF	PLANNED OUTAGE	7/11/2017 4:05:04 PM	689.72	29
OH Other	PLANNED OUTAGE	7/11/2017 4:22:39 PM	3,023.90	11
OH Other	PLANNED OUTAGE	7/11/2017 4:50:15 PM	214.55	7
OH Other	PLANNED OUTAGE	7/11/2017 5:48:41 PM	757.60	4
UG Other	PLANNED OUTAGE	7/12/2017 8:44:16 AM	23,732.42	179
OH Other	PLANNED OUTAGE	7/12/2017 8:55:45 AM	4,930.17	5
OH Other	PLANNED OUTAGE	7/12/2017 8:58:58 AM	5,897.80	6
OH Other	PLANNED OUTAGE	7/12/2017 9:38:34 AM	8,491.50	9
OH Other	PLANNED OUTAGE	7/12/2017 9:56:29 AM	411.80	4
OH Other	PLANNED OUTAGE	7/12/2017 9:56:57 AM	1,033.67	10
UG Other	PLANNED OUTAGE	7/12/2017 10:13:31 AM	273.30	6
OH Other	PLANNED OUTAGE	7/12/2017 12:46:32 PM	512.80	6
UG Other	PLANNED OUTAGE	7/12/2017 12:54:55 PM	528.80	8
OH Other	PLANNED OUTAGE	7/12/2017 2:59:43 PM	6,847.32	11

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	7/12/2017 5:25:10 PM	4,776.00	10
OH Other	PLANNED OUTAGE	7/12/2017 8:18:06 PM	73.50	3
OH Other	PLANNED OUTAGE	7/12/2017 8:21:55 PM	83.60	1
OH Other	PLANNED OUTAGE	7/13/2017 7:38:09 AM	254.10	11
OH Other	PLANNED OUTAGE	7/13/2017 8:31:15 AM	5,122.90	6
OH Other	PLANNED OUTAGE	7/13/2017 8:36:45 AM	7,656.90	9
OH Other	PLANNED OUTAGE	7/13/2017 10:37:17 AM	1,020.80	6
UG Other	PLANNED OUTAGE	7/13/2017 10:58:42 AM	280.35	7
OH Other	PLANNED OUTAGE	7/13/2017 2:31:25 PM	5,473.78	11
OH Other	PLANNED OUTAGE	7/13/2017 2:46:04 PM	295.73	4
OH Other	PLANNED OUTAGE	7/13/2017 7:10:40 PM	876.60	4
OH Other	PLANNED OUTAGE	7/13/2017 9:07:12 PM	12,863.43	203
Circuit Out	PLANNED OUTAGE	7/13/2017 9:22:12 PM	3,218.80	1238
OH Other	PLANNED OUTAGE	7/14/2017 8:03:06 AM	3,175.50	6
OH Other	PLANNED OUTAGE	7/14/2017 9:30:56 AM	833.47	7
OH Other	PLANNED OUTAGE	7/14/2017 9:48:31 AM	1,705.00	4
OH Other	PLANNED OUTAGE	7/14/2017 10:32:29 AM	97.53	1
OH Other	PLANNED OUTAGE	7/14/2017 12:07:00 PM	119.17	2
OH Other	PLANNED OUTAGE	7/14/2017 7:47:18 PM	2,901.03	7
PLF	PLANNED OUTAGE	7/15/2017 4:27:12 AM	69.65	1
PLF	PLANNED OUTAGE	7/15/2017 8:46:40 AM	1,085.60	3
TX Repaired (OH)	PLANNED OUTAGE	7/15/2017 9:01:53 AM	1,664.48	11
Circuit Out	PLANNED OUTAGE	7/15/2017 2:50:01 PM	97,342.70	798
TX Repaired (OH)	PLANNED OUTAGE	7/16/2017 6:39:30 PM	2,127.00	6
PLF	PLANNED OUTAGE	7/16/2017 10:16:00 PM	82.50	1
UG Other	PLANNED OUTAGE	7/17/2017 4:26:02 AM	175.50	39
OH Other	PLANNED OUTAGE	7/17/2017 8:47:05 AM	198.40	3
OH Other	PLANNED OUTAGE	7/17/2017 10:12:53 AM	1,927.30	6
OH Other	PLANNED OUTAGE	7/17/2017 12:30:10 PM	2,462.72	11
Connections	PLANNED OUTAGE	7/17/2017 4:19:34 PM	158.78	1
OH Other	PLANNED OUTAGE	7/17/2017 4:24:56 PM	3,663.33	7
OH Other	PLANNED OUTAGE	7/17/2017 9:15:14 PM	2,720.77	31
OH Other	PLANNED OUTAGE	7/18/2017 5:17:51 AM	953.40	7
OH Other	PLANNED OUTAGE	7/18/2017 8:40:55 AM	2,054.43	11
OH Other	PLANNED OUTAGE	7/18/2017 8:42:34 AM	481.50	1
OH Other	PLANNED OUTAGE	7/18/2017 9:28:05 AM	1,441.07	32
OH Other	PLANNED OUTAGE	7/18/2017 9:56:39 AM	1,611.67	4
OH Other	PLANNED OUTAGE	7/18/2017 10:19:05 AM	278.87	4
UG Other	PLANNED OUTAGE	7/18/2017 10:23:23 AM	448.70	7
OH Other	PLANNED OUTAGE	7/18/2017 10:31:49 AM	184.67	4
OH Other	PLANNED OUTAGE	7/18/2017 11:34:47 AM	6,319.95	21
OH Other	PLANNED OUTAGE	7/18/2017 12:33:55 PM	2,779.52	11
OH Other	PLANNED OUTAGE	7/18/2017 1:20:09 PM	344.33	4
OH Other	PLANNED OUTAGE	7/18/2017 2:36:45 PM	931.67	10
OH Other	PLANNED OUTAGE	7/18/2017 3:29:56 PM	622.40	8
OH Other	PLANNED OUTAGE	7/18/2017 3:32:05 PM	949.20	12
OH Other	PLANNED OUTAGE	7/18/2017 10:33:11 PM	1,881.97	86
URD Outage	PLANNED OUTAGE	7/19/2017 2:43:28 AM	253.05	9
OH Other	PLANNED OUTAGE	7/19/2017 8:03:40 AM	121.07	1
OH Other	PLANNED OUTAGE	7/19/2017 8:29:41 AM	2,430.45	11
OH Other	PLANNED OUTAGE	7/19/2017 9:01:13 AM	670.93	4
OH Other	PLANNED OUTAGE	7/19/2017 10:05:02 AM	843.08	5
OH Other	PLANNED OUTAGE	7/19/2017 10:09:31 AM	490.85	3

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	7/19/2017 10:24:25 AM	7,268.62	11
OH Other	PLANNED OUTAGE	7/19/2017 10:34:23 AM	639.80	6
OH Other	PLANNED OUTAGE	7/19/2017 11:15:51 AM	30.97	1
OH Other	PLANNED OUTAGE	7/19/2017 11:16:34 AM	822.75	15
UG Other	PLANNED OUTAGE	7/19/2017 12:01:21 PM	892.65	33
Circuit Out	PLANNED OUTAGE	7/19/2017 12:16:24 PM	1,870.85	1581
OH Other	PLANNED OUTAGE	7/19/2017 1:02:58 PM	117.47	2
OH Other	PLANNED OUTAGE	7/19/2017 3:11:37 PM	92.53	1
UG Other	PLANNED OUTAGE	7/19/2017 3:13:50 PM	246.23	1
OH Other	PLANNED OUTAGE	7/19/2017 8:32:58 PM	434.85	9
OH Other	PLANNED OUTAGE	7/19/2017 11:47:15 PM	1,041.83	38
OH Other	PLANNED OUTAGE	7/20/2017 8:38:05 AM	7,605.90	6
OH Other	PLANNED OUTAGE	7/20/2017 8:38:58 AM	10,140.67	8
OH Other	PLANNED OUTAGE	7/20/2017 8:49:40 AM	596.50	3
OH Other	PLANNED OUTAGE	7/20/2017 9:07:38 AM	410.27	4
OH Other	PLANNED OUTAGE	7/20/2017 9:23:18 AM	3,370.67	8
OH Other	PLANNED OUTAGE	7/20/2017 9:24:15 AM	4,625.13	11
UG Other	PLANNED OUTAGE	7/20/2017 9:31:37 AM	69.45	1
OH Other	PLANNED OUTAGE	7/20/2017 10:31:17 AM	1,231.42	5
OH Other	PLANNED OUTAGE	7/20/2017 10:34:43 AM	14.82	1
OH Other	PLANNED OUTAGE	7/20/2017 1:31:31 PM	971.42	1
OH Other	PLANNED OUTAGE	7/20/2017 2:07:25 PM	1,229.50	10
OH Other	PLANNED OUTAGE	7/20/2017 3:29:31 PM	68.18	1
OH Other	PLANNED OUTAGE	7/21/2017 8:36:42 AM	2,313.57	13
OH Other	PLANNED OUTAGE	7/21/2017 8:59:30 AM	3,364.00	8
OH Other	PLANNED OUTAGE	7/21/2017 9:11:17 AM	2,602.33	10
OH Other	PLANNED OUTAGE	7/21/2017 9:11:27 AM	1,043.07	4
OH Other	PLANNED OUTAGE	7/21/2017 9:36:46 AM	2,495.73	2
OH Other	PLANNED OUTAGE	7/21/2017 9:56:24 AM	51.90	2
OH Other	PLANNED OUTAGE	7/21/2017 10:38:17 AM	295.02	1
OH Other	PLANNED OUTAGE	7/21/2017 12:42:10 PM	76.90	1
OH Other	PLANNED OUTAGE	7/21/2017 12:58:55 PM	1,132.17	10
OH Other	PLANNED OUTAGE	7/21/2017 3:43:17 PM	195.35	1
URD Outage	PLANNED OUTAGE	7/22/2017 8:10:17 AM	4,578.08	5
URD Outage	PLANNED OUTAGE	7/22/2017 10:45:42 AM	110.33	1
OH Other	PLANNED OUTAGE	7/22/2017 12:07:25 PM	743.83	2
URD Outage	PLANNED OUTAGE	7/22/2017 4:43:01 PM	10,111.95	23
OH Other	PLANNED OUTAGE	7/22/2017 6:10:51 PM	237.45	3
URD Outage	PLANNED OUTAGE	7/22/2017 7:07:17 PM	151.70	6
PLF	PLANNED OUTAGE	7/23/2017 11:47:57 AM	228.08	5
TX Repaired (PM)	PLANNED OUTAGE	7/23/2017 12:33:24 PM	236.08	1
OH Other	PLANNED OUTAGE	7/24/2017 7:45:16 AM	392.70	1
OH Other	PLANNED OUTAGE	7/24/2017 8:53:00 AM	103.03	1
OH Other	PLANNED OUTAGE	7/24/2017 9:20:08 AM	5,286.60	11
OH Other	PLANNED OUTAGE	7/24/2017 10:08:47 AM	87.43	1
OH Other	PLANNED OUTAGE	7/24/2017 10:30:59 AM	751.95	9
OH Other	PLANNED OUTAGE	7/24/2017 10:47:01 AM	2,144.40	6
OH Other	PLANNED OUTAGE	7/24/2017 10:53:43 AM	2,815.47	8
OH Other	PLANNED OUTAGE	7/24/2017 11:11:03 AM	263.45	1
OH Other	PLANNED OUTAGE	7/24/2017 11:45:31 AM	3,181.17	10
OH Other	PLANNED OUTAGE	7/24/2017 12:23:35 PM	3,495.60	12
OH Other	PLANNED OUTAGE	7/24/2017 12:24:42 PM	584.60	2
OH Other	PLANNED OUTAGE	7/24/2017 3:10:44 PM	25.48	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	7/24/2017 4:33:34 PM	88.03	2
OH Other	PLANNED OUTAGE	7/24/2017 5:05:06 PM	398.45	1
UG Other	PLANNED OUTAGE	7/25/2017 8:38:33 AM	557.00	1
OH Other	PLANNED OUTAGE	7/25/2017 8:42:54 AM	94.07	1
OH Other	PLANNED OUTAGE	7/25/2017 9:08:47 AM	218.97	2
OH Other	PLANNED OUTAGE	7/25/2017 9:15:57 AM	1,391.87	13
OH Other	PLANNED OUTAGE	7/25/2017 9:20:34 AM	105.83	1
OH Other	PLANNED OUTAGE	7/25/2017 9:23:18 AM	35.05	3
OH Other	PLANNED OUTAGE	7/25/2017 9:27:43 AM	3,175.05	9
OH Other	PLANNED OUTAGE	7/25/2017 10:24:15 AM	130.60	4
OH Other	PLANNED OUTAGE	7/25/2017 10:29:59 AM	1,438.67	5
OH Other	PLANNED OUTAGE	7/25/2017 10:33:32 AM	2,267.73	8
OH Other	PLANNED OUTAGE	7/25/2017 10:40:16 AM	379.73	2
Service - Crew	PLANNED OUTAGE	7/25/2017 11:20:13 AM	2,791.62	11
OH Other	PLANNED OUTAGE	7/25/2017 1:28:14 PM	322.40	2
Circuit Out	PLANNED OUTAGE	7/25/2017 3:29:53 PM	8,903.18	1139
Step Restoration	PLANNED OUTAGE	7/25/2017 5:05:14 PM	22,202.28	391
Step Restoration	PLANNED OUTAGE	7/25/2017 5:15:44 PM	5,778.40	124
UG Other	PLANNED OUTAGE	7/25/2017 10:41:49 PM	247.40	3
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 6:40:50 AM	4,682.67	8
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 8:15:39 AM	119.60	3
OH Other	PLANNED OUTAGE	7/26/2017 8:52:53 AM	2,178.13	8
PLF	PLANNED OUTAGE	7/26/2017 10:23:17 AM	68.72	1
OH Other	PLANNED OUTAGE	7/26/2017 10:26:07 AM	976.95	3
OH Other	PLANNED OUTAGE	7/26/2017 11:39:57 AM	308.20	3
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 12:19:10 PM	234.92	1
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 1:13:00 PM	1,563.65	11
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 1:21:00 PM	353.47	2
OH Other	PLANNED OUTAGE	7/26/2017 1:31:51 PM	416.60	3
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 1:42:28 PM	332.25	1
Invalid	PLANNED OUTAGE	7/26/2017 1:44:01 PM	602.00	10
TX Repaired (OH)	PLANNED OUTAGE	7/26/2017 2:15:26 PM	528.20	4
OH Other	PLANNED OUTAGE	7/27/2017 8:13:27 AM	2,192.33	5
OH Other	PLANNED OUTAGE	7/27/2017 9:24:35 AM	3,265.35	9
URD Outage	PLANNED OUTAGE	7/27/2017 9:37:14 AM	437.17	5
OH Other	PLANNED OUTAGE	7/27/2017 11:35:30 AM	467.77	2
URD Outage	PLANNED OUTAGE	7/27/2017 11:47:48 AM	458.67	1
URD Outage	PLANNED OUTAGE	7/27/2017 12:15:07 PM	321.83	1
OH Other	PLANNED OUTAGE	7/27/2017 3:47:33 PM	72.82	1
OH Other	PLANNED OUTAGE	7/27/2017 3:55:46 PM	2,302.53	28
OCR, Sec.	PLANNED OUTAGE	7/27/2017 6:32:00 PM	776.00	97
OH Other	PLANNED OUTAGE	7/28/2017 9:26:04 AM	812.60	2
URD Outage	PLANNED OUTAGE	7/28/2017 9:27:47 AM	830.30	38
OH Other	PLANNED OUTAGE	7/28/2017 9:35:20 AM	2,783.78	7
OH Other	PLANNED OUTAGE	7/28/2017 10:30:00 AM	687.10	2
OH Other	PLANNED OUTAGE	7/28/2017 4:39:11 PM	135.07	1
UG Other	PLANNED OUTAGE	7/28/2017 7:42:49 PM	97.90	1
URD Outage	PLANNED OUTAGE	7/28/2017 8:33:37 PM	574.00	12
PLF	PLANNED OUTAGE	7/29/2017 7:43:59 AM	212.47	1
PLF	PLANNED OUTAGE	7/29/2017 7:49:31 AM	250.20	4
PLF	PLANNED OUTAGE	7/29/2017 1:07:42 PM	140.17	2
TX Repaired (OH)	PLANNED OUTAGE	7/29/2017 2:24:36 PM	955.75	5
TX Repaired (OH)	PLANNED OUTAGE	7/29/2017 3:05:31 PM	86.80	6

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Circuit Out	PLANNED OUTAGE	7/30/2017 5:36:49 AM	1,491.10	31
URD Outage	PLANNED OUTAGE	7/30/2017 5:43:01 AM	1,514.70	54
OH Other	PLANNED OUTAGE	7/30/2017 6:53:19 AM	177.37	1
OH Other	PLANNED OUTAGE	7/30/2017 4:09:29 PM	182.55	3
OH Other	PLANNED OUTAGE	7/30/2017 4:49:19 PM	2,721.33	65
TX Repaired (OH)	PLANNED OUTAGE	7/30/2017 9:59:20 PM	1,229.90	7
TX Repaired (PM)	PLANNED OUTAGE	7/31/2017 8:59:11 AM	375.10	11
Circuit Out	PLANNED OUTAGE	7/31/2017 10:17:12 AM	86,003.28	1751
Circuit Out	PLANNED OUTAGE	7/31/2017 10:17:22 AM	4,927.20	144
Step Restoration	PLANNED OUTAGE	7/31/2017 10:17:22 AM	69,462.73	1891
Circuit Out	PLANNED OUTAGE	7/31/2017 10:53:36 AM	63,265.87	1072
Step Restoration	PLANNED OUTAGE	7/31/2017 10:53:36 AM	17,982.80	183
OH Other	PLANNED OUTAGE	7/31/2017 11:26:47 AM	2,031.00	9
Circuit Out	PLANNED OUTAGE	7/31/2017 4:26:08 PM	23,805.83	350
Step Restoration	PLANNED OUTAGE	7/31/2017 4:26:08 PM	38,135.00	789
TX Repaired (OH)	PLANNED OUTAGE	7/31/2017 5:58:31 PM	416.17	2
OH Other	PLANNED OUTAGE	8/1/2017 8:54:49 AM	2,539.50	6
OH Other	PLANNED OUTAGE	8/1/2017 9:15:31 AM	1,869.45	9
OH Other	PLANNED OUTAGE	8/1/2017 10:50:48 AM	332.75	1
UG Other	PLANNED OUTAGE	8/1/2017 10:51:52 AM	531.33	8
OH Other	PLANNED OUTAGE	8/1/2017 11:04:06 AM	2,193.68	7
OH Other	PLANNED OUTAGE	8/1/2017 12:43:21 PM	1,514.57	7
OH Other	PLANNED OUTAGE	8/1/2017 1:09:41 PM	634.00	10
PLF	PLANNED OUTAGE	8/2/2017 7:29:14 AM	87.90	18
TX Repaired (OH)	PLANNED OUTAGE	8/2/2017 9:07:07 AM	6,837.60	14
TX Replaced (OH)	PLANNED OUTAGE	8/2/2017 9:41:42 AM	3,092.37	7
TX Repaired (OH)	PLANNED OUTAGE	8/2/2017 10:29:53 AM	162.85	3
TX Repaired (OH)	PLANNED OUTAGE	8/2/2017 12:52:20 PM	296.73	4
UG Other	PLANNED OUTAGE	8/2/2017 2:30:34 PM	113.28	1
PLF	PLANNED OUTAGE	8/2/2017 3:05:20 PM	5,457.75	57
Circuit Out	PLANNED OUTAGE	8/2/2017 3:15:40 PM	2,501.55	981
PLF	PLANNED OUTAGE	8/2/2017 11:15:48 PM	5,550.00	111
URD Outage	PLANNED OUTAGE	8/3/2017 9:18:40 AM	11,297.00	26
OH Other	PLANNED OUTAGE	8/3/2017 9:24:50 AM	3,934.40	6
URD Outage	PLANNED OUTAGE	8/3/2017 9:25:44 AM	15,642.30	69
OH Other	PLANNED OUTAGE	8/3/2017 11:27:44 AM	293.67	2
OH Other	PLANNED OUTAGE	8/3/2017 12:18:39 PM	162.08	1
OH Other	PLANNED OUTAGE	8/3/2017 12:55:25 PM	976.52	13
OH Other	PLANNED OUTAGE	8/3/2017 4:03:14 PM	1,276.17	5
Circuit Out	PLANNED OUTAGE	8/3/2017 4:55:44 PM	8,609.22	589
OH Other	PLANNED OUTAGE	8/3/2017 9:21:23 PM	5,583.60	188
URD Outage	PLANNED OUTAGE	8/4/2017 12:46:58 AM	747.33	4
OH Other	PLANNED OUTAGE	8/4/2017 8:13:37 AM	46.25	1
OH Other	PLANNED OUTAGE	8/4/2017 8:19:51 AM	2,828.30	6
OH Other	PLANNED OUTAGE	8/4/2017 11:43:34 AM	5,105.57	14
OH Other	PLANNED OUTAGE	8/4/2017 12:59:02 PM	580.87	2
OH Other	PLANNED OUTAGE	8/4/2017 5:19:25 PM	2,266.13	56
OH Other	PLANNED OUTAGE	8/4/2017 8:26:42 PM	2,519.10	27
TX Repaired (OH)	PLANNED OUTAGE	8/5/2017 6:37:04 AM	61.83	2
PLF	PLANNED OUTAGE	8/5/2017 7:31:03 AM	166.13	8
OH Other	PLANNED OUTAGE	8/5/2017 8:22:45 AM	809.37	1
PLF	PLANNED OUTAGE	8/5/2017 9:15:26 AM	166.40	3
None	PLANNED OUTAGE	8/5/2017 4:14:00 PM	80,190.00	135

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
PLF	PLANNED OUTAGE	8/5/2017 8:49:37 PM	668.33	25
OH Other	PLANNED OUTAGE	8/6/2017 6:10:37 AM	216.40	3
URD Outage	PLANNED OUTAGE	8/6/2017 8:34:16 PM	103,118.40	891
Circuit Out	PLANNED OUTAGE	8/6/2017 10:24:24 PM	12,639.20	2257
OH Other	PLANNED OUTAGE	8/7/2017 8:45:10 AM	2,003.60	4
Service - Non Crew	PLANNED OUTAGE	8/7/2017 11:02:17 AM	139.98	1
TX Repaired (OH)	PLANNED OUTAGE	8/7/2017 11:55:57 AM	113.53	1
OH Other	PLANNED OUTAGE	8/7/2017 12:57:34 PM	181.27	2
Circuit Out	PLANNED OUTAGE	8/7/2017 7:25:46 PM	8,170.90	1618
PLF	PLANNED OUTAGE	8/8/2017 5:10:08 AM	30.53	2
TX Repaired (OH)	PLANNED OUTAGE	8/8/2017 7:02:51 AM	1,588.80	9
URD Outage	PLANNED OUTAGE	8/8/2017 7:29:43 AM	321.93	4
PLF	PLANNED OUTAGE	8/8/2017 9:34:25 AM	21,252.00	60
OH Other	PLANNED OUTAGE	8/8/2017 9:37:39 AM	3,990.58	7
TX Repaired (OH)	PLANNED OUTAGE	8/8/2017 9:40:26 AM	2,445.87	8
OH Other	PLANNED OUTAGE	8/8/2017 9:54:21 AM	3,880.92	7
Service - Non Crew	PLANNED OUTAGE	8/8/2017 10:28:57 AM	134.85	1
OH Other	PLANNED OUTAGE	8/8/2017 11:56:24 AM	2,338.20	12
TX Repaired (OH)	PLANNED OUTAGE	8/8/2017 12:52:15 PM	89.67	1
OH Other	PLANNED OUTAGE	8/8/2017 1:24:27 PM	3,165.45	9
PLF	PLANNED OUTAGE	8/8/2017 2:13:52 PM	908.95	3
URD Outage	PLANNED OUTAGE	8/8/2017 2:53:31 PM	1,205.08	1
Service - Crew	PLANNED OUTAGE	8/8/2017 3:19:34 PM	258.53	1
OH Other	PLANNED OUTAGE	8/8/2017 3:31:46 PM	907.40	4
TX Repaired (OH)	PLANNED OUTAGE	8/8/2017 6:19:21 PM	60.22	1
OH Other	PLANNED OUTAGE	8/8/2017 11:22:15 PM	2,260.07	2
OH Other	PLANNED OUTAGE	8/8/2017 11:53:10 PM	93.88	1
Primary Wire	PLANNED OUTAGE	8/9/2017 1:37:00 AM	4,762.20	18
OH Other	PLANNED OUTAGE	8/9/2017 4:26:14 AM	94.15	1
TX Repaired (PM)	PLANNED OUTAGE	8/9/2017 8:33:36 AM	5,263.95	9
TX Repaired (OH)	PLANNED OUTAGE	8/9/2017 8:59:05 AM	1,732.60	12
OH Other	PLANNED OUTAGE	8/9/2017 9:04:34 AM	147.25	1
TX Repaired (OH)	PLANNED OUTAGE	8/9/2017 9:28:31 AM	1,173.13	4
OH Other	PLANNED OUTAGE	8/9/2017 9:57:43 AM	3,926.40	8
OH Other	PLANNED OUTAGE	8/9/2017 9:57:52 AM	1,968.33	4
PLF	PLANNED OUTAGE	8/9/2017 10:11:07 AM	1,517.53	4
TX Repaired (OH)	PLANNED OUTAGE	8/9/2017 11:19:37 AM	89.62	1
TX Repaired (OH)	PLANNED OUTAGE	8/9/2017 1:17:52 PM	15.28	1
OH Other	PLANNED OUTAGE	8/10/2017 5:33:08 AM	4,364.13	4
OH Other	PLANNED OUTAGE	8/10/2017 8:53:47 AM	8,947.87	14
OH Other	PLANNED OUTAGE	8/10/2017 11:22:34 AM	1,947.27	4
URD Outage	PLANNED OUTAGE	8/10/2017 12:13:15 PM	2,883.65	11
OH Other	PLANNED OUTAGE	8/10/2017 1:08:31 PM	1,911.67	5
OH Other	PLANNED OUTAGE	8/10/2017 2:09:42 PM	196.07	1
OH Other	PLANNED OUTAGE	8/10/2017 2:32:36 PM	113.70	2
UG Other	PLANNED OUTAGE	8/10/2017 2:37:43 PM	117.68	1
TX Repaired (OH)	PLANNED OUTAGE	8/11/2017 3:43:39 AM	940.12	13
OH Other	PLANNED OUTAGE	8/11/2017 9:00:56 AM	205.70	1
Invalid	PLANNED OUTAGE	8/11/2017 10:12:06 AM	45.10	1
TX Repaired (OH)	PLANNED OUTAGE	8/11/2017 10:29:14 PM	102.15	9
OH Other	PLANNED OUTAGE	8/12/2017 12:30:14 AM	463.60	4
URD Outage	PLANNED OUTAGE	8/12/2017 1:32:07 AM	120.65	1
URD Outage	PLANNED OUTAGE	8/12/2017 7:29:33 AM	17.58	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
URD Outage	PLANNED OUTAGE	8/12/2017 8:46:11 AM	4,213.20	36
URD Outage	PLANNED OUTAGE	8/12/2017 2:38:23 PM	125.62	1
TX Repaired (PM)	PLANNED OUTAGE	8/13/2017 3:07:36 AM	794.70	9
PLF	PLANNED OUTAGE	8/13/2017 9:02:28 AM	3,284.52	7
Oil Switch	PLANNED OUTAGE	8/13/2017 9:18:28 AM	638.75	3
TX Repaired (OH)	PLANNED OUTAGE	8/14/2017 8:37:16 AM	4,562.93	8
URD Outage	PLANNED OUTAGE	8/14/2017 9:43:08 AM	187.55	3
TX Repaired (OH)	PLANNED OUTAGE	8/14/2017 10:37:40 AM	448.60	1
OH Other	PLANNED OUTAGE	8/14/2017 2:38:01 PM	1,718.67	8
TX Repaired (OH)	PLANNED OUTAGE	8/14/2017 2:48:51 PM	1,134.00	4
OH Other	PLANNED OUTAGE	8/15/2017 5:23:33 AM	319.43	1
TX Repaired (OH)	PLANNED OUTAGE	8/15/2017 10:28:50 AM	1,254.80	6
TX Repaired (OH)	PLANNED OUTAGE	8/15/2017 10:42:21 AM	1,409.00	3
OH Other	PLANNED OUTAGE	8/15/2017 11:03:55 AM	850.97	7
OH Other	PLANNED OUTAGE	8/15/2017 12:14:09 PM	4,669.77	46
OH Other	PLANNED OUTAGE	8/15/2017 1:13:40 PM	154.05	3
TX Repaired (PM)	PLANNED OUTAGE	8/15/2017 1:43:05 PM	364.05	9
OH Other	PLANNED OUTAGE	8/15/2017 1:44:18 PM	106.00	4
PLF	PLANNED OUTAGE	8/15/2017 2:31:00 PM	4,432.07	38
OH Other	PLANNED OUTAGE	8/15/2017 2:56:44 PM	4,129.33	19
TX Replaced (PM)	PLANNED OUTAGE	8/15/2017 4:53:59 PM	5,329.90	6
URD Outage	PLANNED OUTAGE	8/15/2017 5:20:02 PM	498.58	5
OH Other	PLANNED OUTAGE	8/15/2017 7:41:06 PM	211.75	7
URD Outage	PLANNED OUTAGE	8/15/2017 9:02:08 PM	498.40	112
PLF	PLANNED OUTAGE	8/16/2017 7:52:09 AM	4,907.07	26
TX Repaired (PM)	PLANNED OUTAGE	8/16/2017 8:04:31 AM	521.08	13
PLF	PLANNED OUTAGE	8/16/2017 8:26:38 AM	233.57	13
PLF	PLANNED OUTAGE	8/16/2017 10:13:41 AM	8,779.87	23
TX Repaired (OH)	PLANNED OUTAGE	8/16/2017 11:22:55 AM	1,260.50	6
TX Repaired (OH)	PLANNED OUTAGE	8/16/2017 11:25:17 AM	2,400.90	9
OCR, Sec.	PLANNED OUTAGE	8/16/2017 4:14:17 PM	866.80	197
OH Other	PLANNED OUTAGE	8/17/2017 9:07:15 AM	2,024.83	10
URD Outage	PLANNED OUTAGE	8/17/2017 9:14:32 AM	1,396.80	6
URD Outage	PLANNED OUTAGE	8/17/2017 9:14:32 AM	1,165.00	5
URD Outage	PLANNED OUTAGE	8/17/2017 9:14:32 AM	1,165.58	5
URD Outage	PLANNED OUTAGE	8/17/2017 9:14:32 AM	1,399.40	6
OH Other	PLANNED OUTAGE	8/17/2017 9:58:33 AM	4,905.33	10
OH Other	PLANNED OUTAGE	8/17/2017 1:28:23 PM	907.40	13
OH Other	PLANNED OUTAGE	8/17/2017 7:03:15 PM	15,319.68	199
OH Other	PLANNED OUTAGE	8/17/2017 9:34:32 PM	516.33	20
OH Other	PLANNED OUTAGE	8/17/2017 11:53:40 PM	19,396.67	200
OH Other	PLANNED OUTAGE	8/18/2017 12:39:52 AM	1,228.80	9
Circuit Out	PLANNED OUTAGE	8/18/2017 9:36:55 AM	13,157.00	1770
URD Outage	PLANNED OUTAGE	8/18/2017 11:30:33 AM	4.52	1
OH Other	PLANNED OUTAGE	8/18/2017 12:48:34 PM	279.00	5
OH Other	PLANNED OUTAGE	8/19/2017 2:57:51 PM	504.68	1
OH Other	PLANNED OUTAGE	8/19/2017 4:05:25 PM	66.40	3
URD Outage	PLANNED OUTAGE	8/19/2017 4:08:50 PM	132.92	11
PLF	PLANNED OUTAGE	8/20/2017 5:52:46 AM	346.50	15
PLF	PLANNED OUTAGE	8/20/2017 6:15:07 AM	493.37	19
PLF	PLANNED OUTAGE	8/20/2017 6:40:48 AM	1,552.83	35
PLF	PLANNED OUTAGE	8/20/2017 7:25:18 AM	2,468.33	50
TX Repaired (OH)	PLANNED OUTAGE	8/20/2017 9:10:06 AM	3,394.53	8

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	8/20/2017 3:54:45 PM	115.53	1
URD Outage	PLANNED OUTAGE	8/21/2017 8:45:13 AM	4,300.83	10
OH Other	PLANNED OUTAGE	8/21/2017 9:18:24 AM	241.30	3
UG Other	PLANNED OUTAGE	8/21/2017 9:41:17 AM	1,280.50	26
TX Repaired (OH)	PLANNED OUTAGE	8/21/2017 10:01:17 AM	585.50	2
UG Other	PLANNED OUTAGE	8/21/2017 10:32:18 AM	893.75	11
Circuit Out	PLANNED OUTAGE	8/21/2017 4:49:15 PM	3,041.62	899
PLF	PLANNED OUTAGE	8/22/2017 7:59:50 AM	122.00	6
TX Repaired (OH)	PLANNED OUTAGE	8/22/2017 8:42:09 AM	667.03	2
OH Other	PLANNED OUTAGE	8/22/2017 9:10:01 AM	235.97	2
TX Repaired (OH)	PLANNED OUTAGE	8/22/2017 9:10:46 AM	2,972.83	10
OH Other	PLANNED OUTAGE	8/22/2017 10:36:59 AM	2,070.75	9
OH Other	PLANNED OUTAGE	8/22/2017 10:51:21 AM	94.70	1
OH Other	PLANNED OUTAGE	8/22/2017 3:13:28 PM	1,542.67	13
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 8:11:55 AM	2,655.33	7
OH Other	PLANNED OUTAGE	8/23/2017 8:19:05 AM	118.58	1
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 9:01:41 AM	2,168.83	11
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 9:45:16 AM	3,976.00	10
TX Repaired (PM)	PLANNED OUTAGE	8/23/2017 9:54:20 AM	359.58	5
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 9:54:36 AM	733.00	4
URD Outage	PLANNED OUTAGE	8/23/2017 10:14:23 AM	5,016.27	26
URD Outage	PLANNED OUTAGE	8/23/2017 10:14:23 AM	549.20	6
OH Other	PLANNED OUTAGE	8/23/2017 10:50:10 AM	1,487.20	6
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 11:05:49 AM	732.50	6
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 4:29:24 PM	623.78	13
TX Repaired (OH)	PLANNED OUTAGE	8/23/2017 5:08:04 PM	101.33	2
UG Other	PLANNED OUTAGE	8/24/2017 8:18:32 AM	100.60	2
OH Other	PLANNED OUTAGE	8/24/2017 9:20:58 AM	79.30	2
TX Repaired (OH)	PLANNED OUTAGE	8/24/2017 9:29:42 AM	1,552.02	7
URD Outage	PLANNED OUTAGE	8/24/2017 9:30:49 AM	1,337.67	20
URD Outage	PLANNED OUTAGE	8/24/2017 10:41:27 AM	323.00	17
OH Other	PLANNED OUTAGE	8/24/2017 10:57:42 AM	1,833.67	5
OH Other	PLANNED OUTAGE	8/24/2017 11:30:11 AM	398.58	5
TX Repaired (OH)	PLANNED OUTAGE	8/24/2017 12:44:08 PM	787.50	3
OH Other	PLANNED OUTAGE	8/25/2017 8:06:40 AM	610.50	3
OH Other	PLANNED OUTAGE	8/25/2017 8:37:11 AM	2,106.77	7
OH Other	PLANNED OUTAGE	8/25/2017 9:27:13 AM	81.37	1
UG Other	PLANNED OUTAGE	8/25/2017 9:41:25 AM	5,534.20	59
OH Other	PLANNED OUTAGE	8/25/2017 10:28:22 AM	522.55	3
OH Other	PLANNED OUTAGE	8/25/2017 2:18:35 PM	62.72	1
PLF	PLANNED OUTAGE	8/26/2017 1:45:30 AM	1,764.75	39
OCR, Sec.	PLANNED OUTAGE	8/26/2017 10:10:07 PM	3,700.45	39
Circuit Out	PLANNED OUTAGE	8/27/2017 3:27:27 PM	5,597.43	1043
Circuit Out	PLANNED OUTAGE	8/27/2017 9:16:07 PM	26,309.20	901
OH Other	PLANNED OUTAGE	8/28/2017 9:52:28 AM	2,877.45	9
URD Outage	PLANNED OUTAGE	8/28/2017 10:08:06 AM	1,866.90	21
OH Other	PLANNED OUTAGE	8/28/2017 10:56:43 AM	100.00	8
PLF	PLANNED OUTAGE	8/28/2017 1:13:25 PM	6,146.25	45
PLF	PLANNED OUTAGE	8/28/2017 8:30:08 PM	6,424.25	105
TX Repaired (OH)	PLANNED OUTAGE	8/29/2017 7:51:10 AM	164.30	1
TX Repaired (OH)	PLANNED OUTAGE	8/29/2017 8:02:47 AM	1,872.83	5
TX Repaired (OH)	PLANNED OUTAGE	8/29/2017 8:02:56 AM	3,375.00	9
URD Outage	PLANNED OUTAGE	8/29/2017 9:00:46 AM	109.00	3

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	8/29/2017 9:04:50 AM	120.52	1
PLF	PLANNED OUTAGE	8/29/2017 9:09:18 AM	962.50	6
URD Outage	PLANNED OUTAGE	8/29/2017 9:40:12 AM	640.38	11
PLF	PLANNED OUTAGE	8/29/2017 9:45:42 AM	262.70	1
OH Other	PLANNED OUTAGE	8/29/2017 11:12:27 AM	1,722.05	3
OH Other	PLANNED OUTAGE	8/29/2017 1:15:18 PM	5,381.40	12
URD Outage	PLANNED OUTAGE	8/29/2017 1:16:36 PM	41.52	1
OH Other	PLANNED OUTAGE	8/29/2017 2:12:10 PM	146.50	1
OH Other	PLANNED OUTAGE	8/29/2017 3:12:53 PM	195.23	2
OH Other	PLANNED OUTAGE	8/29/2017 4:32:36 PM	631.75	15
Switch 600 amp	PLANNED OUTAGE	8/30/2017 8:42:28 AM	863.37	2
OH Other	PLANNED OUTAGE	8/30/2017 8:44:29 AM	4,987.02	13
UG Other	PLANNED OUTAGE	8/30/2017 8:54:53 AM	1,877.75	35
URD Outage	PLANNED OUTAGE	8/30/2017 8:56:54 AM	1,506.50	15
URD Outage	PLANNED OUTAGE	8/30/2017 9:29:25 AM	253.70	6
PLF	PLANNED OUTAGE	8/30/2017 9:30:54 AM	356.47	1
UG Other	PLANNED OUTAGE	8/30/2017 10:15:22 AM	306.83	7
URD Outage	PLANNED OUTAGE	8/30/2017 10:54:33 AM	2,863.33	20
URD Outage	PLANNED OUTAGE	8/30/2017 10:54:33 AM	2,257.33	16
URD Outage	PLANNED OUTAGE	8/30/2017 10:55:59 AM	298.42	5
URD Outage	PLANNED OUTAGE	8/30/2017 1:32:04 PM	256.78	7
OH Other	PLANNED OUTAGE	8/30/2017 1:32:57 PM	597.05	1
OH Other	PLANNED OUTAGE	8/30/2017 2:43:59 PM	980.08	5
OH Other	PLANNED OUTAGE	8/30/2017 4:33:41 PM	502.82	1
OH Other	PLANNED OUTAGE	8/31/2017 8:47:46 AM	4,196.18	13
OH Other	PLANNED OUTAGE	8/31/2017 9:05:25 AM	13,884.32	149
OH Other	PLANNED OUTAGE	8/31/2017 1:25:17 PM	284.15	3
URD Outage	PLANNED OUTAGE	8/31/2017 1:57:25 PM	549.38	7
OH Other	PLANNED OUTAGE	8/31/2017 2:02:39 PM	172.00	6
OH Other	PLANNED OUTAGE	9/1/2017 8:44:53 AM	424.02	19
URD Outage	PLANNED OUTAGE	9/1/2017 8:54:47 AM	1,380.53	16
OH Other	PLANNED OUTAGE	9/1/2017 10:31:35 AM	303.40	2
OH Other	PLANNED OUTAGE	9/1/2017 1:36:49 PM	303.22	1
Circuit Out	PLANNED OUTAGE	9/1/2017 5:29:30 PM	2,755.98	1207
URD Outage	PLANNED OUTAGE	9/1/2017 5:46:34 PM	22,762.40	148
Primary Wire	PLANNED OUTAGE	9/1/2017 6:46:59 PM	2,671.00	12
OH Other	PLANNED OUTAGE	9/2/2017 8:36:25 AM	406.95	1
PLF	PLANNED OUTAGE	9/2/2017 8:51:41 AM	7,842.10	42
TX Repaired (OH)	PLANNED OUTAGE	9/4/2017 7:20:22 AM	868.35	9
PLF	PLANNED OUTAGE	9/4/2017 4:09:59 PM	7,041.07	64
UG Other	PLANNED OUTAGE	9/4/2017 10:26:06 PM	138,017.10	559
OH Other	PLANNED OUTAGE	9/5/2017 7:11:24 AM	353.55	9
OH Other	PLANNED OUTAGE	9/5/2017 7:52:16 AM	864.78	11
TX Repaired (OH)	PLANNED OUTAGE	9/5/2017 8:13:32 AM	3,604.83	10
URD Outage	PLANNED OUTAGE	9/5/2017 9:23:07 AM	220.40	4
UG Other	PLANNED OUTAGE	9/5/2017 9:28:43 AM	144.40	3
UG Other	PLANNED OUTAGE	9/5/2017 9:36:50 AM	45.55	1
OH Other	PLANNED OUTAGE	9/5/2017 9:46:50 AM	2,145.65	13
UG Other	PLANNED OUTAGE	9/5/2017 12:38:22 PM	167.00	1
OH Other	PLANNED OUTAGE	9/5/2017 1:02:54 PM	1,984.05	9
OH Other	PLANNED OUTAGE	9/5/2017 1:14:42 PM	195.63	1
OH Other	PLANNED OUTAGE	9/5/2017 1:31:25 PM	1,334.78	7
OH Other	PLANNED OUTAGE	9/5/2017 1:46:16 PM	358.10	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
URD Outage	PLANNED OUTAGE	9/5/2017 2:33:56 PM	9,737.23	203
URD Outage	PLANNED OUTAGE	9/6/2017 8:47:01 AM	1,005.77	13
OH Other	PLANNED OUTAGE	9/6/2017 9:23:07 AM	5,210.33	10
OH Other	PLANNED OUTAGE	9/6/2017 10:00:59 AM	2,860.33	10
OH Other	PLANNED OUTAGE	9/6/2017 11:14:28 AM	1,643.87	8
OH Other	PLANNED OUTAGE	9/6/2017 12:35:01 PM	76.97	1
OH Other	PLANNED OUTAGE	9/6/2017 3:35:37 PM	126.22	1
OH Other	PLANNED OUTAGE	9/6/2017 5:02:38 PM	95.73	2
OH Other	PLANNED OUTAGE	9/6/2017 8:28:23 PM	1,100.77	2
OH Other	PLANNED OUTAGE	9/7/2017 5:03:18 AM	437.40	6
OH Other	PLANNED OUTAGE	9/7/2017 6:12:04 AM	6,793.97	11
OH Other	PLANNED OUTAGE	9/7/2017 7:33:14 AM	55.13	1
OH Other	PLANNED OUTAGE	9/7/2017 9:01:35 AM	1,308.67	10
OH Other	PLANNED OUTAGE	9/7/2017 9:02:18 AM	4,897.57	11
OH Other	PLANNED OUTAGE	9/7/2017 9:03:58 AM	892.00	2
OH Other	PLANNED OUTAGE	9/7/2017 9:37:55 AM	38.92	1
URD Outage	PLANNED OUTAGE	9/7/2017 10:25:45 AM	59.73	1
URD Outage	PLANNED OUTAGE	9/7/2017 10:25:45 AM	2,564.45	17
URD Outage	PLANNED OUTAGE	9/7/2017 10:25:45 AM	3,710.10	18
URD Outage	PLANNED OUTAGE	9/7/2017 10:25:45 AM	3,710.10	18
OH Other	PLANNED OUTAGE	9/7/2017 11:35:26 AM	533.87	16
OH Other	PLANNED OUTAGE	9/7/2017 12:49:26 PM	405.95	3
OH Other	PLANNED OUTAGE	9/7/2017 1:04:37 PM	822.93	4
UG Other	PLANNED OUTAGE	9/7/2017 1:41:33 PM	3,548.00	15
OH Other	PLANNED OUTAGE	9/7/2017 3:47:57 PM	390.45	3
OH Other	PLANNED OUTAGE	9/7/2017 5:36:40 PM	141.20	4
URD Outage	PLANNED OUTAGE	9/7/2017 5:44:54 PM	429.73	4
OH Other	PLANNED OUTAGE	9/7/2017 6:02:55 PM	180.33	2
Circuit Out	PLANNED OUTAGE	9/7/2017 6:37:38 PM	1,516.40	892
OH Other	PLANNED OUTAGE	9/7/2017 7:55:36 PM	8,442.00	135
OH Other	PLANNED OUTAGE	9/8/2017 10:49:19 AM	1,584.00	2
OH Other	PLANNED OUTAGE	9/8/2017 10:51:58 AM	178.42	5
None	PLANNED OUTAGE	9/8/2017 12:15:59 PM	373.80	4
Service - Crew	PLANNED OUTAGE	9/8/2017 2:14:55 PM	200.30	1
OH Other	PLANNED OUTAGE	9/10/2017 2:51:38 AM	209.92	5
TX Repaired (OH)	PLANNED OUTAGE	9/19/2017 9:22:18 AM	2,842.70	6
TX Repaired (OH)	PLANNED OUTAGE	9/19/2017 9:29:31 AM	224.47	14
OH Other	PLANNED OUTAGE	9/19/2017 10:04:16 AM	40.02	1
TX Repaired (PM)	PLANNED OUTAGE	9/19/2017 10:39:35 AM	490.17	17
TX Repaired (PM)	PLANNED OUTAGE	9/19/2017 11:19:26 AM	547.00	10
TX Repaired (PM)	PLANNED OUTAGE	9/19/2017 11:51:02 AM	413.58	7
TX Repaired (OH)	PLANNED OUTAGE	9/19/2017 2:38:21 PM	283.30	1
UG Other	PLANNED OUTAGE	9/19/2017 6:11:36 PM	38.90	1
TX Repaired (OH)	PLANNED OUTAGE	9/19/2017 6:43:11 PM	580.33	10
PLF	PLANNED OUTAGE	9/20/2017 3:55:07 AM	40.87	1
TX Repaired (PM)	PLANNED OUTAGE	9/20/2017 9:26:11 AM	417.40	6
TX Repaired (OH)	PLANNED OUTAGE	9/20/2017 9:42:31 AM	27.45	1
TX Repaired (OH)	PLANNED OUTAGE	9/20/2017 4:08:13 PM	5,723.90	34
Circuit Out	PLANNED OUTAGE	9/20/2017 6:33:44 PM	15,835.87	1316
TX Repaired (OH)	PLANNED OUTAGE	9/20/2017 8:50:02 PM	413.30	3
OH Other	PLANNED OUTAGE	9/21/2017 7:43:14 AM	100.75	3
OH Other	PLANNED OUTAGE	9/21/2017 8:28:30 AM	513.68	7
OH Other	PLANNED OUTAGE	9/21/2017 8:37:09 AM	872.25	5

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	9/21/2017 8:39:39 AM	909.60	6
OH Other	PLANNED OUTAGE	9/21/2017 9:12:43 AM	1,094.67	8
OH Other	PLANNED OUTAGE	9/21/2017 9:56:57 AM	2,520.90	9
OH Other	PLANNED OUTAGE	9/21/2017 10:18:04 AM	2,121.60	8
OH Other	PLANNED OUTAGE	9/21/2017 10:24:00 AM	546.10	2
URD Outage	PLANNED OUTAGE	9/21/2017 10:29:38 AM	231.87	4
OH Other	PLANNED OUTAGE	9/21/2017 10:36:41 AM	228.07	11
OH Other	PLANNED OUTAGE	9/21/2017 11:20:16 AM	160.80	12
URD Outage	PLANNED OUTAGE	9/21/2017 11:32:29 AM	221.20	12
URD Outage	PLANNED OUTAGE	9/21/2017 12:29:33 PM	280.93	7
OH Other	PLANNED OUTAGE	9/21/2017 1:47:51 PM	12,271.47	28
OH Other	PLANNED OUTAGE	9/21/2017 2:35:01 PM	72.45	9
Circuit Out	PLANNED OUTAGE	9/22/2017 3:59:52 AM	10,259.93	2297
URD Outage	PLANNED OUTAGE	9/22/2017 9:03:14 AM	1,144.05	29
OH Other	PLANNED OUTAGE	9/22/2017 9:41:55 AM	318.13	4
URD Outage	PLANNED OUTAGE	9/22/2017 10:00:04 AM	4,999.00	30
OH Other	PLANNED OUTAGE	9/22/2017 10:33:34 AM	246.20	6
OH Other	PLANNED OUTAGE	9/22/2017 2:41:19 PM	466.07	1
URD Outage	PLANNED OUTAGE	9/22/2017 11:00:20 PM	1,891.35	81
TX Repaired (PM)	PLANNED OUTAGE	9/23/2017 2:09:57 AM	1,594.87	47
PLF	PLANNED OUTAGE	9/23/2017 2:26:29 AM	392.80	12
Cut Out 100 amp - Tx	PLANNED OUTAGE	9/23/2017 3:03:02 AM	1,351.50	9
TX Repaired (OH)	PLANNED OUTAGE	9/23/2017 7:25:41 AM	1,136.40	6
TX Repaired (OH)	PLANNED OUTAGE	9/23/2017 7:31:40 AM	2,218.20	12
Service - Non Crew	PLANNED OUTAGE	9/23/2017 1:51:36 PM	87.57	1
TX Repaired (OH)	PLANNED OUTAGE	9/23/2017 3:17:40 PM	365.70	6
TX Replaced (PM)	PLANNED OUTAGE	9/24/2017 6:23:35 AM	3,816.53	8
Circuit Out	PLANNED OUTAGE	9/24/2017 9:11:32 AM	4,315.25	1263
Circuit Out	PLANNED OUTAGE	9/24/2017 9:14:32 AM	6,769.93	1141
Service - Crew	PLANNED OUTAGE	9/24/2017 9:48:47 AM	237.27	1
PLF	PLANNED OUTAGE	9/25/2017 4:03:26 AM	366.33	4
TX Repaired (PM)	PLANNED OUTAGE	9/25/2017 4:35:49 AM	7,232.40	63
TX Repaired (OH)	PLANNED OUTAGE	9/25/2017 9:37:15 AM	189.62	1
URD Outage	PLANNED OUTAGE	9/25/2017 10:36:09 AM	515.22	1
OH Other	PLANNED OUTAGE	9/25/2017 11:06:56 AM	815.87	4
OH Other	PLANNED OUTAGE	9/25/2017 12:36:45 PM	287.13	1
Service - Crew	PLANNED OUTAGE	9/25/2017 2:39:51 PM	244.48	1
Service - Non Crew	PLANNED OUTAGE	9/25/2017 4:02:01 PM	106.83	1
OH Other	PLANNED OUTAGE	9/25/2017 4:47:09 PM	181.60	1
OH Other	PLANNED OUTAGE	9/25/2017 5:05:55 PM	256.92	1
Circuit Out	PLANNED OUTAGE	9/25/2017 9:25:37 PM	1,438.75	1151
URD Outage	PLANNED OUTAGE	9/26/2017 2:15:29 AM	788.40	8
OH Other	PLANNED OUTAGE	9/26/2017 7:59:56 AM	77.28	1
OH Other	PLANNED OUTAGE	9/26/2017 9:18:12 AM	424.52	1
URD Outage	PLANNED OUTAGE	9/26/2017 9:59:53 AM	24.58	1
OH Other	PLANNED OUTAGE	9/26/2017 10:12:15 AM	3,375.15	9
OH Other	PLANNED OUTAGE	9/26/2017 10:47:08 AM	179.83	5
OH Other	PLANNED OUTAGE	9/26/2017 10:53:37 AM	396.95	1
OH Other	PLANNED OUTAGE	9/26/2017 11:05:19 AM	90.52	1
OH Other	PLANNED OUTAGE	9/26/2017 12:37:44 PM	231.35	1
Connections	PLANNED OUTAGE	9/26/2017 2:02:08 PM	137.18	1
URD Outage	PLANNED OUTAGE	9/26/2017 6:26:45 PM	504.90	1
OH Other	PLANNED OUTAGE	9/26/2017 7:18:58 PM	81.62	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
UG Other	PLANNED OUTAGE	9/27/2017 8:19:20 AM	106.27	1
TX Repaired (OH)	PLANNED OUTAGE	9/27/2017 8:23:43 AM	1,819.83	10
URD Outage	PLANNED OUTAGE	9/27/2017 9:48:24 AM	5,382.75	15
OH Other	PLANNED OUTAGE	9/27/2017 12:00:04 PM	201.77	2
URD Outage	PLANNED OUTAGE	9/27/2017 7:12:39 PM	2,447.73	16
PLF	PLANNED OUTAGE	9/27/2017 9:29:27 PM	415.67	1
UG Other	PLANNED OUTAGE	9/28/2017 2:21:45 AM	58.80	9
TX Repaired (PM)	PLANNED OUTAGE	9/28/2017 2:24:44 AM	78.63	7
TX Repaired (PM)	PLANNED OUTAGE	9/28/2017 2:36:54 AM	2,036.00	8
URD Outage	PLANNED OUTAGE	9/28/2017 9:03:29 AM	9,953.40	12
OH Other	PLANNED OUTAGE	9/28/2017 9:12:00 AM	2,461.83	5
TX Repaired (OH)	PLANNED OUTAGE	9/28/2017 9:23:50 AM	725.83	5
TX Repaired (OH)	PLANNED OUTAGE	9/28/2017 9:25:47 AM	1,192.92	5
OH Other	PLANNED OUTAGE	9/28/2017 11:10:16 AM	722.42	5
TX Repaired (PM)	PLANNED OUTAGE	9/28/2017 11:44:29 AM	955.97	17
Step Restoration	PLANNED OUTAGE	9/28/2017 11:44:29 AM	787.20	8
OH Other	PLANNED OUTAGE	9/28/2017 12:01:15 PM	90.85	1
TX Repaired (OH)	PLANNED OUTAGE	9/28/2017 1:43:21 PM	218.55	1
OH Other	PLANNED OUTAGE	9/28/2017 1:46:04 PM	102.77	1
TX Repaired (OH)	PLANNED OUTAGE	9/28/2017 8:41:08 PM	78.67	8
OH Other	PLANNED OUTAGE	9/29/2017 2:10:41 AM	528.13	2
OH Other	PLANNED OUTAGE	9/29/2017 8:07:50 AM	71.47	1
OH Other	PLANNED OUTAGE	9/29/2017 8:12:32 AM	74.18	1
OH Other	PLANNED OUTAGE	9/29/2017 8:40:44 AM	3,361.63	7
URD Outage	PLANNED OUTAGE	9/29/2017 9:19:19 AM	168.03	1
OH Other	PLANNED OUTAGE	9/29/2017 9:46:34 AM	2,950.65	9
OH Other	PLANNED OUTAGE	9/29/2017 9:51:26 AM	514.32	1
OH Other	PLANNED OUTAGE	9/29/2017 10:02:39 AM	2,813.85	9
OH Other	PLANNED OUTAGE	9/29/2017 10:02:47 AM	2,505.47	8
OH Other	PLANNED OUTAGE	9/29/2017 11:24:04 AM	53.00	1
URD Outage	PLANNED OUTAGE	9/29/2017 1:41:12 PM	5,150.10	18
OH Other	PLANNED OUTAGE	9/29/2017 2:11:56 PM	521.20	8
UG Other	PLANNED OUTAGE	9/29/2017 8:37:11 PM	49,429.57	53
TX Repaired (OH)	PLANNED OUTAGE	9/30/2017 8:34:55 AM	112.40	4
PLF	PLANNED OUTAGE	9/30/2017 11:37:38 AM	244.80	6
OH Other	PLANNED OUTAGE	9/30/2017 2:28:11 PM	5,803.60	24
OH Other	PLANNED OUTAGE	10/1/2017 12:10:40 PM	70.08	1
OH Other	PLANNED OUTAGE	10/1/2017 8:05:31 PM	5,027.40	36
OH Other	PLANNED OUTAGE	10/1/2017 10:49:00 PM	437.20	12
OH Other	PLANNED OUTAGE	10/2/2017 7:19:52 AM	110.47	1
OH Other	PLANNED OUTAGE	10/2/2017 8:25:12 AM	1,604.83	5
OH Other	PLANNED OUTAGE	10/2/2017 8:29:49 AM	1,587.33	5
URD Outage	PLANNED OUTAGE	10/2/2017 9:50:04 AM	433.20	6
URD Outage	PLANNED OUTAGE	10/2/2017 9:50:04 AM	709.83	5
URD Outage	PLANNED OUTAGE	10/2/2017 9:50:04 AM	703.33	5
OH Other	PLANNED OUTAGE	10/2/2017 10:20:27 AM	431.83	5
UG Other	PLANNED OUTAGE	10/2/2017 10:40:02 AM	7.95	9
OH Other	PLANNED OUTAGE	10/2/2017 11:01:51 AM	567.90	2
OH Other	PLANNED OUTAGE	10/2/2017 11:12:32 AM	1,590.00	18
URD Outage	PLANNED OUTAGE	10/2/2017 11:26:46 AM	581.70	42
URD Outage	PLANNED OUTAGE	10/2/2017 12:27:36 PM	794.40	8
OH Other	PLANNED OUTAGE	10/2/2017 12:41:40 PM	155.07	1
OH Other	PLANNED OUTAGE	10/2/2017 12:50:23 PM	185.98	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	10/2/2017 1:03:19 PM	439.50	5
OH Other	PLANNED OUTAGE	10/2/2017 1:28:11 PM	52.27	1
OH Other	PLANNED OUTAGE	10/2/2017 6:02:16 PM	1,959.47	16
OH Other	PLANNED OUTAGE	10/2/2017 8:07:18 PM	11,820.67	35
OH Other	PLANNED OUTAGE	10/2/2017 8:08:51 PM	14,357.85	39
OH Other	PLANNED OUTAGE	10/3/2017 8:11:59 AM	190.72	1
OH Other	PLANNED OUTAGE	10/3/2017 8:30:27 AM	192.40	1
URD Outage	PLANNED OUTAGE	10/3/2017 8:48:06 AM	452.95	1
OH Other	PLANNED OUTAGE	10/3/2017 8:48:50 AM	4,441.25	19
OH Other	PLANNED OUTAGE	10/3/2017 8:58:03 AM	161.35	1
URD Outage	PLANNED OUTAGE	10/3/2017 9:03:19 AM	284.92	5
OH Other	PLANNED OUTAGE	10/3/2017 9:17:36 AM	1,737.07	8
URD Outage	PLANNED OUTAGE	10/3/2017 9:27:29 AM	1,293.37	23
URD Outage	PLANNED OUTAGE	10/3/2017 9:28:59 AM	228.37	2
URD Outage	PLANNED OUTAGE	10/3/2017 9:33:45 AM	4,031.80	114
OH Other	PLANNED OUTAGE	10/3/2017 9:52:10 AM	346.52	1
OH Other	PLANNED OUTAGE	10/3/2017 10:03:23 AM	4,285.20	8
OH Other	PLANNED OUTAGE	10/3/2017 10:09:00 AM	1,535.10	17
OH Other	PLANNED OUTAGE	10/3/2017 10:16:18 AM	6,282.00	12
OH Other	PLANNED OUTAGE	10/3/2017 10:27:16 AM	63.95	1
OH Other	PLANNED OUTAGE	10/3/2017 10:43:51 AM	524.00	12
OH Other	PLANNED OUTAGE	10/3/2017 11:18:13 AM	367.33	5
OH Other	PLANNED OUTAGE	10/3/2017 11:54:21 AM	355.87	1
OH Other	PLANNED OUTAGE	10/3/2017 12:58:25 PM	182.93	2
TX Repaired (OH)	PLANNED OUTAGE	10/4/2017 7:28:31 AM	41.37	1
URD Outage	PLANNED OUTAGE	10/4/2017 9:05:58 AM	1,104.27	16
UG Other	PLANNED OUTAGE	10/4/2017 9:31:43 AM	799.20	24
OH Other	PLANNED OUTAGE	10/4/2017 10:51:56 AM	825.40	2
TX Repaired (OH)	PLANNED OUTAGE	10/4/2017 11:02:19 AM	357.68	1
OH Other	PLANNED OUTAGE	10/4/2017 11:06:00 AM	688.20	12
OH Other	PLANNED OUTAGE	10/4/2017 11:20:27 AM	494.00	6
TX Repaired (OH)	PLANNED OUTAGE	10/4/2017 11:45:22 AM	1,936.27	8
Circuit Out	PLANNED OUTAGE	10/4/2017 12:22:14 PM	1,974.92	65
OH Other	PLANNED OUTAGE	10/4/2017 12:27:41 PM	3,748.73	116
OH Other	PLANNED OUTAGE	10/4/2017 12:29:07 PM	992.25	5
OH Other	PLANNED OUTAGE	10/4/2017 1:22:54 PM	368.07	1
Circuit Out	PLANNED OUTAGE	10/4/2017 3:20:42 PM	3,622.67	1672
Circuit Out	PLANNED OUTAGE	10/4/2017 3:30:18 PM	6,761.17	359
TX Repaired (OH)	PLANNED OUTAGE	10/4/2017 3:32:46 PM	317.50	5
OCR, Sec.	PLANNED OUTAGE	10/4/2017 4:24:28 PM	813.18	503
PLF	PLANNED OUTAGE	10/4/2017 8:25:03 PM	966.67	29
PLF	PLANNED OUTAGE	10/4/2017 9:21:05 PM	842.67	32
TX Repaired (OH)	PLANNED OUTAGE	10/5/2017 8:21:00 AM	1,758.17	7
URD Outage	PLANNED OUTAGE	10/5/2017 8:51:02 AM	836.40	24
URD Outage	PLANNED OUTAGE	10/5/2017 8:58:37 AM	186.30	1
TX Repaired (OH)	PLANNED OUTAGE	10/5/2017 9:12:53 AM	3,123.80	12
OH Other	PLANNED OUTAGE	10/5/2017 9:22:07 AM	1,075.87	2
URD Outage	PLANNED OUTAGE	10/5/2017 10:07:55 AM	968.33	25
Service - Crew	PLANNED OUTAGE	10/5/2017 10:29:41 AM	300.32	1
UG Other	PLANNED OUTAGE	10/5/2017 11:38:31 AM	1,300.53	16
Circuit Out	PLANNED OUTAGE	10/5/2017 12:42:46 PM	1,229.67	868
OH Other	PLANNED OUTAGE	10/5/2017 1:13:28 PM	924.20	3
URD Outage	PLANNED OUTAGE	10/5/2017 1:51:11 PM	58.57	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
URD Outage	PLANNED OUTAGE	10/5/2017 1:51:11 PM	58.57	1
Circuit Out	PLANNED OUTAGE	10/5/2017 2:14:19 PM	9,273.13	868
TX Repaired (OH)	PLANNED OUTAGE	10/5/2017 7:22:00 PM	991.50	5
UG Other	PLANNED OUTAGE	10/5/2017 9:47:15 PM	338.60	6
URD Outage	PLANNED OUTAGE	10/6/2017 9:08:17 AM	2,832.27	52
OH Other	PLANNED OUTAGE	10/6/2017 10:27:25 AM	1,275.50	6
URD Outage	PLANNED OUTAGE	10/6/2017 10:29:20 AM	386.05	7
OH Other	PLANNED OUTAGE	10/6/2017 10:34:13 AM	135.22	7
PLF	PLANNED OUTAGE	10/7/2017 11:43:16 AM	22.20	9
PLF	PLANNED OUTAGE	10/7/2017 11:34:55 PM	9,740.90	26
UG Other	PLANNED OUTAGE	10/8/2017 5:22:09 AM	518.10	3
Circuit Out	PLANNED OUTAGE	10/8/2017 9:45:55 AM	5,035.28	397
Service - Non Crew	PLANNED OUTAGE	10/8/2017 12:47:43 PM	28.80	1
Service - Non Crew	PLANNED OUTAGE	10/8/2017 1:14:58 PM	38.82	1
UG Other	PLANNED OUTAGE	10/9/2017 8:01:10 AM	135.15	1
OH Other	PLANNED OUTAGE	10/9/2017 8:41:02 AM	3,150.37	29
TX Repaired (OH)	PLANNED OUTAGE	10/9/2017 9:54:34 AM	2,737.00	10
OH Other	PLANNED OUTAGE	10/10/2017 8:33:52 AM	3,355.50	6
OH Other	PLANNED OUTAGE	10/10/2017 8:45:21 AM	443.92	1
OH Other	PLANNED OUTAGE	10/10/2017 8:45:21 AM	890.93	2
Circuit Out	PLANNED OUTAGE	10/10/2017 5:21:54 PM	1,659.33	1048
OH Other	PLANNED OUTAGE	10/11/2017 9:39:57 AM	231.58	5
OH Other	PLANNED OUTAGE	10/11/2017 10:16:24 AM	1,524.80	4
Service - Crew	PLANNED OUTAGE	10/11/2017 11:46:59 AM	192.53	1
OH Other	PLANNED OUTAGE	10/11/2017 11:55:51 AM	28.98	1
OH Other	PLANNED OUTAGE	10/11/2017 2:22:43 PM	125.97	1
OH Other	PLANNED OUTAGE	10/11/2017 2:54:46 PM	498.80	6
OH Other	PLANNED OUTAGE	10/11/2017 3:44:36 PM	65.25	1
URD Outage	PLANNED OUTAGE	10/12/2017 9:23:10 AM	534.02	1
OH Other	PLANNED OUTAGE	10/12/2017 9:35:14 AM	395.37	1
OH Other	PLANNED OUTAGE	10/12/2017 9:35:20 AM	395.38	1
URD Outage	PLANNED OUTAGE	10/12/2017 9:42:54 AM	289.00	3
URD Outage	PLANNED OUTAGE	10/12/2017 9:48:08 AM	244.40	3
OH Other	PLANNED OUTAGE	10/12/2017 10:01:26 AM	58.32	1
URD Outage	PLANNED OUTAGE	10/12/2017 12:47:04 PM	140.55	3
URD Outage	PLANNED OUTAGE	10/12/2017 1:19:56 PM	751.20	12
OH Other	PLANNED OUTAGE	10/12/2017 1:20:05 PM	45.80	1
OH Other	PLANNED OUTAGE	10/12/2017 9:03:28 PM	95.60	1
OH Other	PLANNED OUTAGE	10/13/2017 2:12:15 AM	1,054.17	11
OH Other	PLANNED OUTAGE	10/13/2017 6:50:05 AM	863.50	10
OH Other	PLANNED OUTAGE	10/13/2017 8:39:32 AM	201.00	9
URD Outage	PLANNED OUTAGE	10/13/2017 10:33:17 AM	150.80	3
PLF	PLANNED OUTAGE	10/14/2017 5:47:17 AM	6.47	1
PLF	PLANNED OUTAGE	10/14/2017 8:27:21 AM	297.65	1
TX Replaced (OH)	PLANNED OUTAGE	10/14/2017 5:11:21 PM	2,136.60	6
TX Repaired (PM)	PLANNED OUTAGE	10/15/2017 8:18:10 AM	992.95	3
TX Repaired (OH)	PLANNED OUTAGE	10/15/2017 5:41:00 PM	222.50	15
PLF	PLANNED OUTAGE	10/15/2017 9:58:14 PM	2,525.47	104
Circuit Out	PLANNED OUTAGE	10/16/2017 3:27:34 AM	19,909.50	1170
PLF	PLANNED OUTAGE	10/16/2017 7:55:41 AM	14.27	1
URD Outage	PLANNED OUTAGE	10/16/2017 8:16:12 AM	16,243.20	27
OH Other	PLANNED OUTAGE	10/16/2017 8:32:17 AM	203.87	1
PLF	PLANNED OUTAGE	10/16/2017 8:32:17 AM	396.28	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (OH)	PLANNED OUTAGE	10/16/2017 9:58:24 AM	6,815.90	13
TX Repaired (OH)	PLANNED OUTAGE	10/16/2017 10:13:33 AM	3,067.30	6
TX Repaired (OH)	PLANNED OUTAGE	10/16/2017 11:54:13 AM	366.83	1
TX Repaired (PM)	PLANNED OUTAGE	10/16/2017 12:07:15 PM	127.05	9
TX Repaired (OH)	PLANNED OUTAGE	10/16/2017 2:22:57 PM	159.83	5
Circuit Out	PLANNED OUTAGE	10/16/2017 2:34:28 PM	3,880.10	1446
OH Other	PLANNED OUTAGE	10/17/2017 9:13:35 AM	2,805.72	7
OH Other	PLANNED OUTAGE	10/17/2017 9:24:25 AM	449.33	20
OH Other	PLANNED OUTAGE	10/17/2017 11:09:04 AM	726.20	12
OH Other	PLANNED OUTAGE	10/17/2017 12:36:50 PM	322.20	12
OH Other	PLANNED OUTAGE	10/17/2017 1:11:46 PM	700.57	2
OH Other	PLANNED OUTAGE	10/17/2017 1:35:10 PM	202.63	2
URD Outage	PLANNED OUTAGE	10/17/2017 7:54:56 PM	166.92	1
PLF	PLANNED OUTAGE	10/18/2017 7:19:44 AM	299.95	1
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 10:16:03 AM	457.45	7
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 10:24:07 AM	1,822.27	8
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 10:41:43 AM	722.53	4
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 11:24:03 AM	344.40	2
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 12:32:57 PM	1,077.20	8
TX Repaired (OH)	PLANNED OUTAGE	10/18/2017 1:17:43 PM	97.07	4
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 8:38:03 AM	36.10	1
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 8:53:22 AM	2,078.83	10
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 9:18:48 AM	3,462.00	12
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 9:24:44 AM	1,755.83	10
PLF	PLANNED OUTAGE	10/19/2017 9:35:45 AM	2,394.70	33
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 9:44:13 AM	352.60	6
TX Repaired (PM)	PLANNED OUTAGE	10/19/2017 10:26:20 AM	0.72	1
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 10:48:52 AM	242.47	2
TX Repaired (PM)	PLANNED OUTAGE	10/19/2017 10:49:17 AM	421.50	6
TX Repaired (PM)	PLANNED OUTAGE	10/19/2017 11:00:34 AM	257.95	7
TX Repaired (OH)	PLANNED OUTAGE	10/19/2017 11:02:50 AM	27.17	1
OCR, Sec.	PLANNED OUTAGE	10/19/2017 12:31:09 PM	6,511.60	892
PLF	PLANNED OUTAGE	10/19/2017 1:17:24 PM	98.90	6
PLF	PLANNED OUTAGE	10/19/2017 2:26:11 PM	555.40	12
TX Repaired (PM)	PLANNED OUTAGE	10/19/2017 3:04:01 PM	880.35	9
OH Other	PLANNED OUTAGE	10/20/2017 8:36:50 AM	1,427.13	4
URD Outage	PLANNED OUTAGE	10/20/2017 8:50:48 AM	1,534.25	17
OH Other	PLANNED OUTAGE	10/20/2017 8:56:45 AM	38.90	2
URD Outage	PLANNED OUTAGE	10/20/2017 9:21:25 AM	321.70	6
OH Other	PLANNED OUTAGE	10/20/2017 9:23:16 AM	380.17	5
URD Outage	PLANNED OUTAGE	10/20/2017 9:29:52 AM	1,046.93	8
OH Other	PLANNED OUTAGE	10/20/2017 10:31:00 AM	58.00	2
OH Other	PLANNED OUTAGE	10/20/2017 10:41:12 AM	756.20	38
OH Other	PLANNED OUTAGE	10/20/2017 10:41:12 AM	4,761.98	49
OH Other	PLANNED OUTAGE	10/20/2017 7:27:16 PM	370.13	2
OH Other	PLANNED OUTAGE	10/20/2017 8:11:24 PM	219.50	1
OH Other	PLANNED OUTAGE	10/20/2017 8:48:38 PM	246.50	3
OH Other	PLANNED OUTAGE	10/21/2017 3:35:28 PM	22.40	1
PLF	PLANNED OUTAGE	10/21/2017 5:09:47 PM	631.67	10
TX Repaired (OH)	PLANNED OUTAGE	10/22/2017 7:52:06 AM	3,984.13	8
TX Repaired (OH)	PLANNED OUTAGE	10/22/2017 10:32:28 AM	3,715.62	11
Invalid	PLANNED OUTAGE	10/23/2017 5:07:26 AM	1,212.45	59
PLF	PLANNED OUTAGE	10/23/2017 8:36:23 AM	312.45	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Repaired (OH)	PLANNED OUTAGE	10/23/2017 9:32:51 AM	1,669.73	4
Service - Crew	PLANNED OUTAGE	10/23/2017 9:46:52 AM	433.13	1
TX Repaired (PM)	PLANNED OUTAGE	10/23/2017 9:52:35 AM	217.87	4
TX Repaired (PM)	PLANNED OUTAGE	10/23/2017 10:14:18 AM	503.37	2
OH Other	PLANNED OUTAGE	10/23/2017 10:51:59 AM	173.58	1
PLF	PLANNED OUTAGE	10/23/2017 12:32:09 PM	268.35	9
TX Repaired (OH)	PLANNED OUTAGE	10/23/2017 12:46:03 PM	622.90	6
OH Other	PLANNED OUTAGE	10/24/2017 8:58:22 AM	1,491.40	4
URD Outage	PLANNED OUTAGE	10/24/2017 9:41:37 AM	2,876.90	26
URD Outage	PLANNED OUTAGE	10/24/2017 9:46:23 AM	1,193.97	17
OH Other	PLANNED OUTAGE	10/24/2017 11:35:12 AM	258.00	8
OH Other	PLANNED OUTAGE	10/24/2017 12:09:51 PM	535.03	7
OH Other	PLANNED OUTAGE	10/24/2017 1:21:54 PM	1,077.58	5
Connections	PLANNED OUTAGE	10/24/2017 3:13:00 PM	50.97	1
OH Other	PLANNED OUTAGE	10/24/2017 4:17:19 PM	109.42	1
OH Other	PLANNED OUTAGE	10/25/2017 8:24:45 AM	1,971.90	6
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 8:29:46 AM	1,278.13	4
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 8:34:35 AM	3,816.00	12
PLF	PLANNED OUTAGE	10/25/2017 8:53:23 AM	91.25	3
URD Outage	PLANNED OUTAGE	10/25/2017 8:56:02 AM	3,561.80	11
UG Other	PLANNED OUTAGE	10/25/2017 9:30:15 AM	5,121.67	70
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 9:54:04 AM	472.33	2
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 10:03:14 AM	2,611.60	8
PLF	PLANNED OUTAGE	10/25/2017 10:07:17 AM	573.30	14
OH Other	PLANNED OUTAGE	10/25/2017 10:25:51 AM	2,054.50	10
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 10:32:56 AM	606.80	4
URD Outage	PLANNED OUTAGE	10/25/2017 11:08:34 AM	927.30	3
OH Other	PLANNED OUTAGE	10/25/2017 11:12:13 AM	1,460.70	9
TX Repaired (PM)	PLANNED OUTAGE	10/25/2017 11:18:36 AM	174.00	4
OH Other	PLANNED OUTAGE	10/25/2017 1:03:02 PM	41.27	2
TX Repaired (OH)	PLANNED OUTAGE	10/25/2017 1:45:44 PM	359.20	8
OH Other	PLANNED OUTAGE	10/25/2017 1:47:44 PM	112.57	11
OH Other	PLANNED OUTAGE	10/25/2017 1:49:35 PM	245.90	2
OH Other	PLANNED OUTAGE	10/25/2017 4:36:12 PM	873.20	4
URD Outage	PLANNED OUTAGE	10/25/2017 4:37:52 PM	32,938.13	818
URD Outage	PLANNED OUTAGE	10/25/2017 4:40:24 PM	6,375.30	158
Circuit Out	PLANNED OUTAGE	10/25/2017 5:03:48 PM	5,240.20	1596
Service - Crew	PLANNED OUTAGE	10/25/2017 8:11:48 PM	74.72	1
Circuit Out	PLANNED OUTAGE	10/25/2017 10:42:17 PM	6,635.25	983
PLF	PLANNED OUTAGE	10/26/2017 2:04:40 AM	496.10	6
PLF	PLANNED OUTAGE	10/26/2017 7:21:41 AM	668.05	31
TX Repaired (OH)	PLANNED OUTAGE	10/26/2017 9:04:39 AM	1,697.33	4
PLF	PLANNED OUTAGE	10/26/2017 9:54:14 AM	61.70	2
OH Other	PLANNED OUTAGE	10/26/2017 10:09:11 AM	844.80	3
TX Repaired (OH)	PLANNED OUTAGE	10/26/2017 10:42:13 AM	1,641.83	5
TX Repaired (OH)	PLANNED OUTAGE	10/26/2017 11:29:37 AM	633.10	3
PLF	PLANNED OUTAGE	10/26/2017 11:31:42 AM	5,052.77	58
TX Repaired (OH)	PLANNED OUTAGE	10/26/2017 2:35:06 PM	591.30	9
TX Repaired (PM)	PLANNED OUTAGE	10/26/2017 8:08:16 PM	74.73	1
OH Other	PLANNED OUTAGE	10/27/2017 9:11:17 AM	1,664.60	12
URD Outage	PLANNED OUTAGE	10/27/2017 2:21:42 PM	169.03	11
Circuit Out	PLANNED OUTAGE	10/27/2017 8:07:24 PM	6,551.53	707
URD Outage	PLANNED OUTAGE	10/28/2017 8:52:51 AM	711.87	4

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
PLF	PLANNED OUTAGE	10/28/2017 8:54:35 AM	156.25	1
PLF	PLANNED OUTAGE	10/28/2017 9:57:24 AM	68.75	1
OH Other	PLANNED OUTAGE	10/30/2017 12:51:49 AM	531.00	18
PLF	PLANNED OUTAGE	10/30/2017 1:26:17 AM	177.45	3
PLF	PLANNED OUTAGE	10/30/2017 2:50:04 AM	1,833.82	19
OCR, Sec.	PLANNED OUTAGE	10/30/2017 3:22:21 AM	3,526.25	455
PLF	PLANNED OUTAGE	10/30/2017 8:53:33 AM	29.03	1
TX Repaired (OH)	PLANNED OUTAGE	10/30/2017 9:37:50 AM	799.42	5
PLF	PLANNED OUTAGE	10/30/2017 9:49:39 AM	209.67	4
TX Repaired (OH)	PLANNED OUTAGE	10/30/2017 11:38:34 AM	960.15	9
TX Repaired (OH)	PLANNED OUTAGE	10/30/2017 11:38:39 AM	212.90	2
PLF	PLANNED OUTAGE	10/30/2017 1:07:45 PM	35.13	1
TX Repaired (OH)	PLANNED OUTAGE	10/30/2017 2:27:19 PM	881.30	7
TX Repaired (OH)	PLANNED OUTAGE	10/30/2017 8:15:29 PM	80.40	1
OH Other	PLANNED OUTAGE	10/31/2017 8:52:58 AM	215.72	1
URD Outage	PLANNED OUTAGE	10/31/2017 9:12:55 AM	88.40	2
OH Other	PLANNED OUTAGE	10/31/2017 10:41:31 AM	180.00	4
OH Other	PLANNED OUTAGE	10/31/2017 11:19:50 AM	224.00	7
UG Other	PLANNED OUTAGE	10/31/2017 12:34:13 PM	155.80	4
OH Other	PLANNED OUTAGE	10/31/2017 1:13:07 PM	475.38	11
OH Other	PLANNED OUTAGE	10/31/2017 3:20:48 PM	2,097.50	50
TX Repaired (OH)	PLANNED OUTAGE	11/1/2017 10:03:54 AM	939.25	3
TX Repaired (OH)	PLANNED OUTAGE	11/1/2017 10:21:03 AM	29.07	1
TX Repaired (OH)	PLANNED OUTAGE	11/1/2017 11:14:56 AM	666.27	8
PLF	PLANNED OUTAGE	11/1/2017 2:48:53 PM	235.95	13
Service - Crew	PLANNED OUTAGE	11/1/2017 4:08:24 PM	214.70	1
TX Repaired (OH)	PLANNED OUTAGE	11/2/2017 9:32:08 AM	413.58	7
TX Repaired (PM)	PLANNED OUTAGE	11/2/2017 9:35:25 AM	535.03	2
PLF	PLANNED OUTAGE	11/2/2017 9:38:02 AM	2,737.50	15
TX Repaired (PM)	PLANNED OUTAGE	11/2/2017 9:38:02 AM	2,738.50	15
TX Repaired (OH)	PLANNED OUTAGE	11/2/2017 1:49:24 PM	149.93	4
TX Repaired (PM)	PLANNED OUTAGE	11/2/2017 2:00:43 PM	390.00	6
TX Repaired (OH)	PLANNED OUTAGE	11/2/2017 2:25:31 PM	131.47	8
PLF	PLANNED OUTAGE	11/3/2017 1:59:04 PM	405.15	3
Service - Non Crew	PLANNED OUTAGE	11/3/2017 2:04:15 PM	51.17	1
PLF	PLANNED OUTAGE	11/3/2017 7:45:46 PM	292.48	1
PLF	PLANNED OUTAGE	11/6/2017 9:52:39 AM	1,649.83	10
Connections	PLANNED OUTAGE	11/6/2017 11:29:50 AM	204.18	1
OH Other	PLANNED OUTAGE	11/6/2017 6:35:28 PM	1,933.10	13
OH Other	PLANNED OUTAGE	11/6/2017 11:18:04 PM	0.83	1
URD Outage	PLANNED OUTAGE	11/7/2017 8:22:10 AM	499.25	1
OH Other	PLANNED OUTAGE	11/7/2017 8:22:58 AM	62.93	1
OH Other	PLANNED OUTAGE	11/7/2017 8:59:12 AM	426.83	1
URD Outage	PLANNED OUTAGE	11/7/2017 9:01:13 AM	77.80	1
UG Other	PLANNED OUTAGE	11/7/2017 9:27:51 AM	410.80	6
OH Other	PLANNED OUTAGE	11/7/2017 9:47:44 AM	226.77	2
OH Other	PLANNED OUTAGE	11/7/2017 11:37:06 AM	592.65	3
OH Other	PLANNED OUTAGE	11/7/2017 1:00:31 PM	446.80	2
OH Other	PLANNED OUTAGE	11/7/2017 1:37:24 PM	396.93	13
OH Other	PLANNED OUTAGE	11/7/2017 7:09:12 PM	75.80	1
PLF	PLANNED OUTAGE	11/8/2017 7:38:28 AM	273.37	2
PLF	PLANNED OUTAGE	11/8/2017 7:38:52 AM	35,097.67	71
PLF	PLANNED OUTAGE	11/8/2017 8:44:01 AM	54,364.80	144

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
TX Replaced (OH)	PLANNED OUTAGE	11/8/2017 8:47:18 AM	412.70	1
TX Repaired (OH)	PLANNED OUTAGE	11/8/2017 8:51:06 AM	4,645.48	11
TX Repaired (OH)	PLANNED OUTAGE	11/8/2017 9:12:48 AM	1,574.00	8
OH Other	PLANNED OUTAGE	11/8/2017 9:42:21 AM	130.15	3
OH Other	PLANNED OUTAGE	11/8/2017 9:42:21 AM	803.50	6
OH Other	PLANNED OUTAGE	11/8/2017 9:42:21 AM	407.25	3
URD Outage	PLANNED OUTAGE	11/8/2017 9:42:21 AM	542.75	3
URD Outage	PLANNED OUTAGE	11/8/2017 9:42:21 AM	734.93	4
URD Outage	PLANNED OUTAGE	11/8/2017 9:42:21 AM	965.40	4
TX Repaired (OH)	PLANNED OUTAGE	11/8/2017 10:32:26 AM	840.00	8
PLF	PLANNED OUTAGE	11/8/2017 12:40:00 PM	71.72	1
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 8:34:49 AM	358.50	2
OCR, Sec.	PLANNED OUTAGE	11/9/2017 8:35:34 AM	14,574.65	93
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 9:09:27 AM	1,408.20	6
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 9:41:21 AM	63.03	1
TX Repaired (PM)	PLANNED OUTAGE	11/9/2017 10:00:37 AM	248.47	4
TX Repaired (PM)	PLANNED OUTAGE	11/9/2017 10:00:37 AM	469.00	6
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 10:14:53 AM	406.27	4
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 10:14:53 AM	303.50	3
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 11:13:08 AM	211.98	1
TX Repaired (OH)	PLANNED OUTAGE	11/9/2017 11:56:48 AM	1,085.47	8
OH Other	PLANNED OUTAGE	11/10/2017 8:08:42 AM	595.53	4
Oil Switch	PLANNED OUTAGE	11/10/2017 8:59:45 AM	5,136.08	13
OH Other	PLANNED OUTAGE	11/10/2017 9:00:57 AM	1,321.53	4
OH Other	PLANNED OUTAGE	11/10/2017 9:02:38 AM	1,644.75	5
OH Other	PLANNED OUTAGE	11/10/2017 9:03:50 AM	984.55	3
OH Other	PLANNED OUTAGE	11/10/2017 9:11:01 AM	2,272.78	11
OH Other	PLANNED OUTAGE	11/10/2017 9:18:56 AM	1,374.80	7
URD Outage	PLANNED OUTAGE	11/10/2017 9:31:50 AM	14.28	1
URD Outage	PLANNED OUTAGE	11/10/2017 9:58:21 AM	154.50	3
OH Other	PLANNED OUTAGE	11/10/2017 10:36:14 AM	483.67	4
Circuit Out	PLANNED OUTAGE	11/12/2017 8:27:08 AM	21,210.95	789
PLF	PLANNED OUTAGE	11/12/2017 9:02:03 AM	37.25	1
Circuit Out	PLANNED OUTAGE	11/12/2017 10:37:06 AM	16,829.08	1669
PLF	PLANNED OUTAGE	11/12/2017 12:19:47 PM	8,854.73	68
TX Repaired (OH)	PLANNED OUTAGE	11/12/2017 6:06:20 PM	49.62	1
OH Other	PLANNED OUTAGE	11/13/2017 7:09:27 AM	56.27	1
PLF	PLANNED OUTAGE	11/13/2017 8:54:28 AM	2,512.88	7
Circuit Out	PLANNED OUTAGE	11/13/2017 10:56:15 AM	14,049.67	746
TX Repaired (OH)	PLANNED OUTAGE	11/13/2017 11:02:32 AM	1,766.40	18
TX Repaired (OH)	PLANNED OUTAGE	11/13/2017 12:33:09 PM	610.42	5
TX Repaired (OH)	PLANNED OUTAGE	11/13/2017 1:17:54 PM	762.60	4
TX Repaired (OH)	PLANNED OUTAGE	11/13/2017 1:55:34 PM	314.53	2
OH Other	PLANNED OUTAGE	11/13/2017 2:33:02 PM	723.60	6
Service - Crew	PLANNED OUTAGE	11/13/2017 2:39:03 PM	1,242.95	1
TX Repaired (OH)	PLANNED OUTAGE	11/13/2017 4:07:05 PM	106.95	1
OH Other	PLANNED OUTAGE	11/14/2017 7:24:32 AM	42.50	1
OH Other	PLANNED OUTAGE	11/14/2017 8:41:27 AM	1,510.15	3
OH Other	PLANNED OUTAGE	11/14/2017 9:46:31 AM	385.35	1
OH Other	PLANNED OUTAGE	11/14/2017 12:14:07 PM	366.20	3
OH Other	PLANNED OUTAGE	11/14/2017 12:48:30 PM	116.23	1
URD Outage	PLANNED OUTAGE	11/14/2017 2:26:41 PM	162.08	1
TX Repaired (PM)	PLANNED OUTAGE	11/15/2017 2:20:15 AM	817.20	6

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Service - Non Crew	PLANNED OUTAGE	11/15/2017 8:06:41 AM	61.78	1
TX Repaired (OH)	PLANNED OUTAGE	11/15/2017 8:21:55 AM	183.93	1
TX Repaired (OH)	PLANNED OUTAGE	11/15/2017 8:51:49 AM	332.30	1
PLF	PLANNED OUTAGE	11/15/2017 8:59:45 AM	8,822.00	20
TX Repaired (PM)	PLANNED OUTAGE	11/15/2017 11:32:48 AM	118.95	3
Step Restoration	PLANNED OUTAGE	11/15/2017 11:32:48 AM	5,268.20	4
OH Other	PLANNED OUTAGE	11/15/2017 12:54:14 PM	75.60	1
Circuit Out	PLANNED OUTAGE	11/15/2017 6:16:11 PM	891.45	283
PLF	PLANNED OUTAGE	11/16/2017 8:04:27 AM	19,848.27	62
Service - Non Crew	PLANNED OUTAGE	11/16/2017 8:18:54 AM	127.95	1
PLF	PLANNED OUTAGE	11/16/2017 8:33:21 AM	353.18	1
PLF	PLANNED OUTAGE	11/16/2017 9:00:01 AM	369.85	1
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 9:08:10 AM	312.03	2
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 9:11:41 AM	2,433.17	10
Oil Switch	PLANNED OUTAGE	11/16/2017 9:34:01 AM	123.98	1
TX Repaired (PM)	PLANNED OUTAGE	11/16/2017 9:42:13 AM	177.55	3
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 10:49:46 AM	358.53	4
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 12:13:23 PM	2,012.50	15
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 12:52:33 PM	210.75	3
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 2:54:53 PM	317.45	1
Circuit Out	PLANNED OUTAGE	11/16/2017 7:08:27 PM	3,478.67	2609
Circuit Out	PLANNED OUTAGE	11/16/2017 7:12:02 PM	2,840.50	1482
TX Repaired (OH)	PLANNED OUTAGE	11/16/2017 8:43:04 PM	495.50	6
OCR, Sec.	PLANNED OUTAGE	11/17/2017 6:15:00 AM	245.00	49
Service - Non Crew	PLANNED OUTAGE	11/17/2017 7:37:13 AM	421.08	1
Circuit Out	PLANNED OUTAGE	11/17/2017 7:58:41 AM	9,254.40	576
PLF	PLANNED OUTAGE	11/17/2017 8:23:51 AM	170.27	8
OH Other	PLANNED OUTAGE	11/17/2017 8:47:57 AM	1,773.33	10
OH Other	PLANNED OUTAGE	11/17/2017 8:48:06 AM	1,241.45	7
OH Other	PLANNED OUTAGE	11/17/2017 8:51:01 AM	250.55	1
OH Other	PLANNED OUTAGE	11/17/2017 10:18:53 AM	324.63	2
OH Other	PLANNED OUTAGE	11/17/2017 10:44:38 AM	778.13	8
Service - Non Crew	PLANNED OUTAGE	11/17/2017 10:51:24 AM	70.03	1
UG Other	PLANNED OUTAGE	11/17/2017 10:52:28 AM	108.25	3
TX Repaired (OH)	PLANNED OUTAGE	11/17/2017 11:47:22 AM	41.30	2
OH Other	PLANNED OUTAGE	11/18/2017 8:02:17 AM	811.58	1
PLF	PLANNED OUTAGE	11/18/2017 8:10:47 AM	99.53	1
UG Other	PLANNED OUTAGE	11/18/2017 9:17:56 AM	108.07	4
UG Other	PLANNED OUTAGE	11/18/2017 10:07:49 AM	84.87	4
UG Other	PLANNED OUTAGE	11/18/2017 10:50:45 AM	207.17	5
UG Other	PLANNED OUTAGE	11/19/2017 2:50:33 PM	542.33	5
OH Other	PLANNED OUTAGE	11/19/2017 4:59:26 PM	3,499.05	9
PLF	PLANNED OUTAGE	11/20/2017 8:22:07 AM	668.67	2
PLF	PLANNED OUTAGE	11/20/2017 8:25:14 AM	331.50	1
PLF	PLANNED OUTAGE	11/20/2017 9:41:16 AM	349.60	4
PLF	PLANNED OUTAGE	11/20/2017 9:41:24 AM	611.33	7
OH Other	PLANNED OUTAGE	11/20/2017 9:46:30 AM	275.37	2
UG Other	PLANNED OUTAGE	11/20/2017 10:16:25 AM	279.53	7
OH Other	PLANNED OUTAGE	11/20/2017 10:26:19 AM	151.17	2
OH Other	PLANNED OUTAGE	11/20/2017 2:04:11 PM	108.85	1
Connections	PLANNED OUTAGE	11/20/2017 2:14:13 PM	281.90	1
OH Other	PLANNED OUTAGE	11/20/2017 3:07:45 PM	45.90	1
PLF	PLANNED OUTAGE	11/20/2017 5:00:14 PM	101.20	8

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	11/21/2017 8:15:57 AM	454.33	4
PLF	PLANNED OUTAGE	11/21/2017 8:23:45 AM	1,963.20	18
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	266.00	4
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	760.60	6
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	1,899.88	11
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	1,172.70	6
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	1,172.70	6
UG Other	PLANNED OUTAGE	11/21/2017 8:47:35 AM	103.15	3
OH Other	PLANNED OUTAGE	11/21/2017 8:55:29 AM	2,661.25	15
UG Other	PLANNED OUTAGE	11/21/2017 9:52:31 AM	209.90	3
OH Other	PLANNED OUTAGE	11/21/2017 9:57:09 AM	430.68	1
OH Other	PLANNED OUTAGE	11/21/2017 10:48:34 AM	407.70	3
OH Other	PLANNED OUTAGE	11/21/2017 11:13:38 AM	132.53	7
OH Other	PLANNED OUTAGE	11/21/2017 1:04:51 PM	2,656.00	15
OH Other	PLANNED OUTAGE	11/21/2017 1:41:59 PM	139.18	1
OH Other	PLANNED OUTAGE	11/22/2017 7:55:42 AM	2,651.73	11
OH Other	PLANNED OUTAGE	11/22/2017 8:38:23 AM	273.27	2
OH Other	PLANNED OUTAGE	11/22/2017 8:53:28 AM	1,420.00	10
URD Outage	PLANNED OUTAGE	11/22/2017 9:22:49 AM	840.30	2
OH Other	PLANNED OUTAGE	11/22/2017 10:44:29 AM	3,763.00	15
URD Outage	PLANNED OUTAGE	11/22/2017 10:57:04 AM	5,454.00	27
OH Other	PLANNED OUTAGE	11/22/2017 12:47:02 PM	507.33	5
OH Other	PLANNED OUTAGE	11/22/2017 12:47:21 PM	351.33	4
Circuit Out	PLANNED OUTAGE	11/22/2017 6:31:14 PM	2,786.40	1944
Circuit Out	PLANNED OUTAGE	11/22/2017 6:31:25 PM	1,631.00	1398
OH Other	PLANNED OUTAGE	11/24/2017 7:45:30 AM	346.58	1
OH Other	PLANNED OUTAGE	11/24/2017 8:52:57 PM	138.65	1
OH Other	PLANNED OUTAGE	11/25/2017 5:08:06 PM	278.70	1
PLF	PLANNED OUTAGE	11/26/2017 3:04:58 AM	781.60	16
Service - Crew	PLANNED OUTAGE	11/26/2017 7:57:13 AM	242.05	1
OH Other	PLANNED OUTAGE	11/27/2017 8:22:40 AM	311.40	9
URD Outage	PLANNED OUTAGE	11/27/2017 10:01:00 AM	333.20	7
URD Outage	PLANNED OUTAGE	11/27/2017 10:01:00 AM	299.90	6
URD Outage	PLANNED OUTAGE	11/27/2017 10:01:00 AM	965.10	6
OH Other	PLANNED OUTAGE	11/27/2017 10:20:32 AM	857.60	8
OH Other	PLANNED OUTAGE	11/27/2017 11:00:40 AM	1,102.83	13
URD Outage	PLANNED OUTAGE	11/27/2017 11:00:40 AM	1,942.63	13
URD Outage	PLANNED OUTAGE	11/27/2017 11:00:40 AM	1,235.00	13
OH Other	PLANNED OUTAGE	11/27/2017 12:08:43 PM	1,043.75	5
OH Other	PLANNED OUTAGE	11/27/2017 12:23:19 PM	448.15	3
URD Outage	PLANNED OUTAGE	11/27/2017 9:20:18 PM	600.27	8
PLF	PLANNED OUTAGE	11/28/2017 5:50:13 AM	1,208.00	8
OH Other	PLANNED OUTAGE	11/28/2017 8:25:46 AM	39.03	1
OH Other	PLANNED OUTAGE	11/28/2017 8:31:05 AM	1,136.00	12
URD Outage	PLANNED OUTAGE	11/28/2017 9:07:17 AM	200.28	1
PLF	PLANNED OUTAGE	11/28/2017 9:12:16 AM	977.50	25
OH Other	PLANNED OUTAGE	11/28/2017 9:22:40 AM	82.52	1
PLF	PLANNED OUTAGE	11/28/2017 9:41:15 AM	1,984.97	7
Connections	PLANNED OUTAGE	11/28/2017 10:44:33 AM	339.97	1
PLF	PLANNED OUTAGE	11/28/2017 12:44:02 PM	101.33	4
OH Other	PLANNED OUTAGE	11/28/2017 12:52:37 PM	210.38	1
UG Other	PLANNED OUTAGE	11/28/2017 2:10:38 PM	90.10	1
OH Other	PLANNED OUTAGE	11/29/2017 8:47:07 AM	171.53	4

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	11/29/2017 8:52:12 AM	787.60	6
OH Other	PLANNED OUTAGE	11/29/2017 9:26:19 AM	1,968.42	5
OH Other	PLANNED OUTAGE	11/29/2017 11:18:54 AM	50.20	2
OH Other	PLANNED OUTAGE	11/29/2017 11:25:39 AM	126.80	12
OH Other	PLANNED OUTAGE	11/29/2017 11:30:49 AM	687.63	14
OH Other	PLANNED OUTAGE	11/29/2017 1:27:06 PM	122.53	1
OH Other	PLANNED OUTAGE	11/30/2017 8:59:58 AM	1,754.00	5
UG Other	PLANNED OUTAGE	11/30/2017 9:08:53 AM	78.55	1
UG Other	PLANNED OUTAGE	11/30/2017 9:18:13 AM	43.47	1
UG Other	PLANNED OUTAGE	11/30/2017 9:48:21 AM	1,084.50	10
UG Other	PLANNED OUTAGE	11/30/2017 10:10:02 AM	255.40	4
OH Other	PLANNED OUTAGE	11/30/2017 10:57:09 AM	1,964.67	7
UG Other	PLANNED OUTAGE	11/30/2017 12:12:03 PM	96.20	1
UG Other	PLANNED OUTAGE	11/30/2017 12:12:03 PM	281.50	2
OH Other	PLANNED OUTAGE	11/30/2017 12:33:00 PM	260.23	2
OH Other	PLANNED OUTAGE	11/30/2017 1:12:42 PM	810.10	6
PLF	PLANNED OUTAGE	11/30/2017 1:52:45 PM	90.25	3
URD Outage	PLANNED OUTAGE	12/1/2017 9:10:57 AM	204.90	6
URD Outage	PLANNED OUTAGE	12/1/2017 9:12:37 AM	794.73	14
URD Outage	PLANNED OUTAGE	12/1/2017 9:27:54 AM	26.07	4
URD Outage	PLANNED OUTAGE	12/1/2017 9:27:54 AM	145.73	4
OH Other	PLANNED OUTAGE	12/1/2017 9:28:48 AM	2,608.73	4
OH Other	PLANNED OUTAGE	12/1/2017 10:10:19 AM	86.87	1
URD Outage	PLANNED OUTAGE	12/1/2017 11:02:54 AM	332.93	8
URD Outage	PLANNED OUTAGE	12/1/2017 11:09:49 AM	719.70	1
OH Other	PLANNED OUTAGE	12/1/2017 11:44:18 AM	294.47	2
OH Other	PLANNED OUTAGE	12/1/2017 12:03:35 PM	1,413.20	12
OH Other	PLANNED OUTAGE	12/1/2017 1:26:51 PM	194.67	8
OH Other	PLANNED OUTAGE	12/1/2017 6:08:42 PM	271.10	3
OH Other	PLANNED OUTAGE	12/1/2017 7:16:06 PM	901.47	4
OH Other	PLANNED OUTAGE	12/2/2017 3:21:09 AM	787.50	6
OH Other	PLANNED OUTAGE	12/2/2017 8:57:06 AM	1,658.07	22
OH Other	PLANNED OUTAGE	12/2/2017 9:37:17 AM	247.53	2
OH Other	PLANNED OUTAGE	12/2/2017 9:44:57 AM	743.98	7
PLF	PLANNED OUTAGE	12/2/2017 9:50:32 AM	30.32	1
OH Other	PLANNED OUTAGE	12/2/2017 10:05:34 AM	723.10	6
PLF	PLANNED OUTAGE	12/2/2017 10:21:44 AM	24.92	1
OH Other	PLANNED OUTAGE	12/2/2017 10:32:20 AM	643.75	103
PLF	PLANNED OUTAGE	12/2/2017 10:34:44 AM	5,369.20	62
OH Other	PLANNED OUTAGE	12/3/2017 8:48:19 AM	299.17	5
OH Other	PLANNED OUTAGE	12/3/2017 8:57:08 AM	39.13	1
OH Other	PLANNED OUTAGE	12/3/2017 1:31:26 PM	188.30	1
UG Other	PLANNED OUTAGE	12/4/2017 9:22:30 AM	37.50	1
OH Other	PLANNED OUTAGE	12/4/2017 9:24:26 AM	3,847.47	8
UG Other	PLANNED OUTAGE	12/4/2017 10:32:44 AM	242.08	5
UG Other	PLANNED OUTAGE	12/4/2017 10:32:44 AM	618.33	5
UG Other	PLANNED OUTAGE	12/4/2017 10:53:19 AM	57.47	2
UG Other	PLANNED OUTAGE	12/4/2017 10:53:19 AM	65.23	2
UG Other	PLANNED OUTAGE	12/4/2017 10:53:19 AM	171.80	2
OH Other	PLANNED OUTAGE	12/4/2017 11:04:20 AM	1,147.90	3
UG Other	PLANNED OUTAGE	12/4/2017 1:32:38 PM	13,983.98	59
UG Other	PLANNED OUTAGE	12/4/2017 1:32:38 PM	220.73	4
OH Other	PLANNED OUTAGE	12/4/2017 1:39:36 PM	53.97	2

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	12/4/2017 6:27:23 PM	89.70	1
OH Other	PLANNED OUTAGE	12/5/2017 7:57:08 AM	3,873.73	8
OH Other	PLANNED OUTAGE	12/5/2017 9:50:24 AM	5,295.98	13
OH Other	PLANNED OUTAGE	12/5/2017 9:50:24 AM	1,216.50	3
OH Other	PLANNED OUTAGE	12/5/2017 9:50:24 AM	2,195.08	5
OH Other	PLANNED OUTAGE	12/5/2017 9:53:53 AM	1,488.93	8
UG Other	PLANNED OUTAGE	12/5/2017 10:05:58 AM	15,233.17	55
UG Other	PLANNED OUTAGE	12/5/2017 10:05:58 AM	186.27	4
UG Other	PLANNED OUTAGE	12/5/2017 10:05:58 AM	355.67	4
URD Outage	PLANNED OUTAGE	12/5/2017 10:05:58 AM	821.80	3
URD Outage	PLANNED OUTAGE	12/5/2017 10:05:58 AM	822.90	3
URD Outage	PLANNED OUTAGE	12/5/2017 10:05:58 AM	22,353.20	82
URD Outage	PLANNED OUTAGE	12/5/2017 10:05:58 AM	1,635.60	6
OH Other	PLANNED OUTAGE	12/5/2017 10:14:28 AM	547.15	3
OH Other	PLANNED OUTAGE	12/5/2017 10:45:15 AM	135.60	1
URD Outage	PLANNED OUTAGE	12/5/2017 10:49:05 AM	152.83	14
OH Other	PLANNED OUTAGE	12/5/2017 11:47:44 AM	200.60	1
OH Other	PLANNED OUTAGE	12/5/2017 12:50:42 PM	193.53	2
URD Outage	PLANNED OUTAGE	12/5/2017 12:52:36 PM	177.58	1
OH Other	PLANNED OUTAGE	12/5/2017 2:22:34 PM	688.95	9
OH Other	PLANNED OUTAGE	12/6/2017 7:22:59 AM	79.40	1
OH Other	PLANNED OUTAGE	12/6/2017 8:40:17 AM	4,707.33	10
URD Outage	PLANNED OUTAGE	12/6/2017 9:12:18 AM	332.67	5
OH Other	PLANNED OUTAGE	12/6/2017 9:24:28 AM	1,280.30	3
URD Outage	PLANNED OUTAGE	12/6/2017 9:36:04 AM	89.87	2
OH Other	PLANNED OUTAGE	12/6/2017 9:45:27 AM	1,218.25	3
URD Outage	PLANNED OUTAGE	12/6/2017 9:52:04 AM	552.07	7
URD Outage	PLANNED OUTAGE	12/6/2017 9:52:04 AM	1,539.07	8
URD Outage	PLANNED OUTAGE	12/6/2017 9:52:04 AM	1,447.48	7
URD Outage	PLANNED OUTAGE	12/6/2017 9:52:04 AM	162.33	10
OH Other	PLANNED OUTAGE	12/6/2017 10:17:16 AM	1,898.83	10
OH Other	PLANNED OUTAGE	12/6/2017 10:26:42 AM	1,148.70	7
URD Outage	PLANNED OUTAGE	12/6/2017 10:30:44 AM	150.53	2
OH Other	PLANNED OUTAGE	12/6/2017 10:36:07 AM	187.40	3
URD Outage	PLANNED OUTAGE	12/6/2017 10:39:45 AM	465.33	8
OH Other	PLANNED OUTAGE	12/6/2017 11:42:26 AM	80.13	4
OH Other	PLANNED OUTAGE	12/6/2017 12:32:09 PM	134.68	1
URD Outage	PLANNED OUTAGE	12/6/2017 1:56:30 PM	203.58	5
Service - Crew	PLANNED OUTAGE	12/6/2017 2:16:33 PM	35.57	1
OCR, Sec.	PLANNED OUTAGE	12/6/2017 8:15:53 PM	43,140.67	815
URD Outage	PLANNED OUTAGE	12/7/2017 8:15:31 AM	544.43	1
OH Other	PLANNED OUTAGE	12/7/2017 8:22:16 AM	14,466.60	27
URD Outage	PLANNED OUTAGE	12/7/2017 8:31:50 AM	361.97	1
URD Outage	PLANNED OUTAGE	12/7/2017 9:16:38 AM	93.27	2
URD Outage	PLANNED OUTAGE	12/7/2017 9:16:38 AM	238.63	2
URD Outage	PLANNED OUTAGE	12/7/2017 9:36:33 AM	485.07	8
OH Other	PLANNED OUTAGE	12/7/2017 10:00:56 AM	832.15	3
OH Other	PLANNED OUTAGE	12/7/2017 10:13:18 AM	511.00	3
URD Outage	PLANNED OUTAGE	12/7/2017 10:15:00 AM	817.33	10
URD Outage	PLANNED OUTAGE	12/7/2017 11:10:40 AM	252.92	5
URD Outage	PLANNED OUTAGE	12/7/2017 11:10:40 AM	1,213.20	6
URD Outage	PLANNED OUTAGE	12/7/2017 11:10:40 AM	1,213.20	6
OH Other	PLANNED OUTAGE	12/7/2017 11:28:01 AM	98.82	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	12/7/2017 11:35:05 AM	838.33	4
URD Outage	PLANNED OUTAGE	12/7/2017 1:09:08 PM	54.88	1
URD Outage	PLANNED OUTAGE	12/7/2017 1:15:45 PM	293.47	4
OH Other	PLANNED OUTAGE	12/7/2017 1:33:03 PM	725.00	10
URD Outage	PLANNED OUTAGE	12/7/2017 10:43:08 PM	270.90	1
URD Outage	PLANNED OUTAGE	12/8/2017 8:09:14 AM	465.25	3
URD Outage	PLANNED OUTAGE	12/8/2017 8:39:32 AM	194.63	1
URD Outage	PLANNED OUTAGE	12/8/2017 8:55:34 AM	145.42	1
URD Outage	PLANNED OUTAGE	12/8/2017 9:06:58 AM	175.12	7
URD Outage	PLANNED OUTAGE	12/8/2017 9:54:50 AM	859.35	9
OH Other	PLANNED OUTAGE	12/8/2017 10:27:00 AM	78.97	1
OH Other	PLANNED OUTAGE	12/8/2017 11:48:11 PM	1,429.13	34
Circuit Out	PLANNED OUTAGE	12/9/2017 8:02:49 AM	5,210.33	980
UG Other	PLANNED OUTAGE	12/9/2017 8:33:06 AM	1,852.13	29
OH Other	PLANNED OUTAGE	12/9/2017 8:43:48 AM	279.75	9
UG Other	PLANNED OUTAGE	12/9/2017 9:18:09 AM	328.47	13
OH Other	PLANNED OUTAGE	12/9/2017 9:43:46 AM	498.40	4
OH Other	PLANNED OUTAGE	12/9/2017 5:06:40 PM	45.95	1
OH Other	PLANNED OUTAGE	12/9/2017 8:43:34 PM	1,030.83	50
OH Other	PLANNED OUTAGE	12/9/2017 9:39:38 PM	10,744.00	474
OH Other	PLANNED OUTAGE	12/9/2017 10:01:15 PM	8,762.00	390
URD Outage	PLANNED OUTAGE	12/10/2017 7:43:19 AM	2,957.73	14
OH Other	PLANNED OUTAGE	12/11/2017 12:43:56 AM	3,028.33	25
OH Other	PLANNED OUTAGE	12/11/2017 2:30:43 AM	258.15	3
URD Outage	PLANNED OUTAGE	12/11/2017 8:59:06 AM	3,047.70	9
OH Other	PLANNED OUTAGE	12/11/2017 9:14:00 AM	2,971.60	8
OH Other	PLANNED OUTAGE	12/11/2017 9:15:37 AM	2,057.83	10
OH Other	PLANNED OUTAGE	12/11/2017 10:01:27 AM	520.53	1
OH Other	PLANNED OUTAGE	12/11/2017 11:53:39 AM	541.40	3
OH Other	PLANNED OUTAGE	12/11/2017 1:03:49 PM	50.20	3
OH Other	PLANNED OUTAGE	12/11/2017 1:16:27 PM	702.50	10
OH Other	PLANNED OUTAGE	12/11/2017 1:47:12 PM	127.53	2
OH Other	PLANNED OUTAGE	12/11/2017 2:45:49 PM	235.87	8
OH Other	PLANNED OUTAGE	12/12/2017 8:15:05 AM	755.45	3
OH Other	PLANNED OUTAGE	12/12/2017 8:23:10 AM	793.67	2
UG Other	PLANNED OUTAGE	12/12/2017 8:44:00 AM	130.18	1
OH Other	PLANNED OUTAGE	12/12/2017 9:32:43 AM	221.65	3
OH Other	PLANNED OUTAGE	12/12/2017 9:33:14 AM	2,148.50	6
OH Other	PLANNED OUTAGE	12/12/2017 10:00:07 AM	362.00	12
OH Other	PLANNED OUTAGE	12/12/2017 10:35:44 AM	308.80	4
OH Other	PLANNED OUTAGE	12/12/2017 1:01:50 PM	3,259.67	22
UG Other	PLANNED OUTAGE	12/12/2017 2:01:12 PM	350.40	6
UG Other	PLANNED OUTAGE	12/12/2017 9:58:46 PM	201.35	3
OH Other	PLANNED OUTAGE	12/12/2017 11:50:34 PM	70.17	1
UG Other	PLANNED OUTAGE	12/13/2017 3:01:50 AM	633.97	13
OH Other	PLANNED OUTAGE	12/13/2017 9:22:00 AM	1,495.10	6
URD Outage	PLANNED OUTAGE	12/13/2017 9:23:45 AM	156.93	4
OH Other	PLANNED OUTAGE	12/13/2017 9:33:16 AM	1,249.67	4
URD Outage	PLANNED OUTAGE	12/13/2017 9:34:16 AM	52.33	1
OH Other	PLANNED OUTAGE	12/13/2017 9:52:25 AM	155.20	1
URD Outage	PLANNED OUTAGE	12/13/2017 9:53:20 AM	972.00	15
OH Other	PLANNED OUTAGE	12/13/2017 10:11:06 AM	1,374.33	14
OH Other	PLANNED OUTAGE	12/13/2017 10:42:29 AM	94.80	3

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	12/13/2017 10:52:53 AM	381.35	3
URD Outage	PLANNED OUTAGE	12/13/2017 11:03:16 AM	244.80	4
OH Other	PLANNED OUTAGE	12/13/2017 11:43:42 AM	244.50	15
OH Other	PLANNED OUTAGE	12/13/2017 12:46:53 PM	364.67	4
OH Other	PLANNED OUTAGE	12/13/2017 4:27:23 PM	2,373.00	18
OH Other	PLANNED OUTAGE	12/13/2017 10:24:41 PM	245.32	1
OH Other	PLANNED OUTAGE	12/14/2017 8:33:12 AM	10,110.53	13
OH Other	PLANNED OUTAGE	12/14/2017 8:39:33 AM	1,542.40	16
OH Other	PLANNED OUTAGE	12/14/2017 8:40:12 AM	336.77	2
OH Other	PLANNED OUTAGE	12/14/2017 8:43:32 AM	932.32	13
OH Other	PLANNED OUTAGE	12/14/2017 8:48:33 AM	59.90	1
OH Other	PLANNED OUTAGE	12/14/2017 9:48:22 AM	704.17	1
UG Other	PLANNED OUTAGE	12/14/2017 9:52:30 AM	692.33	10
OH Other	PLANNED OUTAGE	12/14/2017 10:07:58 AM	19,013.50	66
OH Other	PLANNED OUTAGE	12/14/2017 10:35:45 AM	13,180.67	20
OH Other	PLANNED OUTAGE	12/14/2017 4:46:47 PM	2,599.05	9
OH Other	PLANNED OUTAGE	12/14/2017 5:16:03 PM	75.17	1
OH Other	PLANNED OUTAGE	12/15/2017 7:55:24 AM	379.67	1
OH Other	PLANNED OUTAGE	12/15/2017 8:18:41 AM	654.47	2
OH Other	PLANNED OUTAGE	12/15/2017 8:39:33 AM	702.25	5
UG Other	PLANNED OUTAGE	12/15/2017 9:01:14 AM	44.37	1
OH Other	PLANNED OUTAGE	12/15/2017 9:12:47 AM	2,222.30	6
OH Other	PLANNED OUTAGE	12/15/2017 9:39:08 AM	247.88	1
OH Other	PLANNED OUTAGE	12/15/2017 10:49:22 AM	37.58	1
OH Other	PLANNED OUTAGE	12/15/2017 1:08:38 PM	408.10	3
OH Other	PLANNED OUTAGE	12/15/2017 4:14:36 PM	43.82	1
OH Other	PLANNED OUTAGE	12/15/2017 8:14:37 PM	64.90	1
OH Other	PLANNED OUTAGE	12/16/2017 10:01:48 AM	1,965.48	7
OH Other	PLANNED OUTAGE	12/16/2017 11:40:13 AM	798.27	8
OH Other	PLANNED OUTAGE	12/17/2017 4:41:28 PM	359.05	3
OH Other	PLANNED OUTAGE	12/18/2017 8:31:55 AM	6,049.20	24
OH Other	PLANNED OUTAGE	12/18/2017 9:24:10 AM	2,668.80	9
UG Other	PLANNED OUTAGE	12/18/2017 10:09:14 AM	871.57	11
UG Other	PLANNED OUTAGE	12/18/2017 10:18:41 AM	160.80	4
UG Other	PLANNED OUTAGE	12/18/2017 10:28:52 AM	165.67	4
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	224.40	4
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	252.55	3
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	252.55	3
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	678.87	4
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	678.87	4
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	830.87	4
UG Other	PLANNED OUTAGE	12/18/2017 10:30:46 AM	686.80	4
OH Other	PLANNED OUTAGE	12/18/2017 11:24:43 AM	71.45	1
OH Other	PLANNED OUTAGE	12/18/2017 11:31:58 AM	194.10	1
OH Other	PLANNED OUTAGE	12/18/2017 12:06:21 PM	997.53	13
OH Other	PLANNED OUTAGE	12/18/2017 12:18:23 PM	74.50	3
UG Other	PLANNED OUTAGE	12/18/2017 12:46:25 PM	170.20	4
UG Other	PLANNED OUTAGE	12/18/2017 12:46:25 PM	410.17	5
UG Other	PLANNED OUTAGE	12/18/2017 12:46:25 PM	222.08	5
OH Other	PLANNED OUTAGE	12/18/2017 1:13:22 PM	55.52	1
OH Other	PLANNED OUTAGE	12/18/2017 1:19:03 PM	924.52	17
PLF	PLANNED OUTAGE	12/18/2017 1:23:52 PM	30.40	1
UG Other	PLANNED OUTAGE	12/18/2017 1:30:57 PM	51.87	1

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
OH Other	PLANNED OUTAGE	12/18/2017 2:10:05 PM	242.05	3
OH Other	PLANNED OUTAGE	12/19/2017 7:44:09 AM	40.02	1
OH Other	PLANNED OUTAGE	12/19/2017 8:11:43 AM	60.70	1
OH Other	PLANNED OUTAGE	12/19/2017 8:16:02 AM	1,739.55	9
URD Outage	PLANNED OUTAGE	12/19/2017 8:48:53 AM	363.07	2
URD Outage	PLANNED OUTAGE	12/19/2017 9:22:22 AM	559.33	8
UG Other	PLANNED OUTAGE	12/19/2017 9:30:24 AM	1,888.28	19
OH Other	PLANNED OUTAGE	12/19/2017 9:56:08 AM	29,463.00	244
OH Other	PLANNED OUTAGE	12/19/2017 10:25:34 AM	1,372.17	5
OH Other	PLANNED OUTAGE	12/19/2017 11:39:46 AM	106.45	1
OH Other	PLANNED OUTAGE	12/19/2017 12:45:55 PM	296.03	1
URD Outage	PLANNED OUTAGE	12/19/2017 2:07:17 PM	554.13	8
UG Other	PLANNED OUTAGE	12/20/2017 6:55:22 AM	551.87	8
OH Other	PLANNED OUTAGE	12/20/2017 9:47:47 AM	423.38	1
OH Other	PLANNED OUTAGE	12/20/2017 9:53:08 AM	636.80	8
UG Other	PLANNED OUTAGE	12/20/2017 10:22:58 AM	434.13	8
OH Other	PLANNED OUTAGE	12/20/2017 12:21:00 PM	129.33	5
OH Other	PLANNED OUTAGE	12/20/2017 12:37:21 PM	317.42	5
OH Other	PLANNED OUTAGE	12/20/2017 2:03:43 PM	76.10	2
OH Other	PLANNED OUTAGE	12/21/2017 8:10:17 AM	1,044.53	4
URD Outage	PLANNED OUTAGE	12/21/2017 9:21:07 AM	71.07	8
URD Outage	PLANNED OUTAGE	12/21/2017 9:22:56 AM	24.88	1
OH Other	PLANNED OUTAGE	12/21/2017 9:24:36 AM	178.67	2
OH Other	PLANNED OUTAGE	12/21/2017 9:52:46 AM	1,546.83	10
URD Outage	PLANNED OUTAGE	12/21/2017 9:58:43 AM	130.07	4
URD Outage	PLANNED OUTAGE	12/21/2017 10:41:26 AM	357.87	4
OH Other	PLANNED OUTAGE	12/21/2017 7:42:39 PM	563.93	11
OH Other	PLANNED OUTAGE	12/21/2017 10:42:34 PM	5,000.88	13
OH Other	PLANNED OUTAGE	12/22/2017 7:23:33 AM	50.32	1
OH Other	PLANNED OUTAGE	12/22/2017 8:10:24 AM	123.10	2
Service - Crew	PLANNED OUTAGE	12/22/2017 8:49:58 AM	84.13	1
OH Other	PLANNED OUTAGE	12/22/2017 9:01:55 AM	609.93	14
PLF	PLANNED OUTAGE	12/22/2017 9:50:12 AM	3,725.40	12
OH Other	PLANNED OUTAGE	12/22/2017 10:03:05 AM	28.03	1
PLF	PLANNED OUTAGE	12/23/2017 8:57:10 AM	101.98	1
OH Other	PLANNED OUTAGE	12/23/2017 11:23:01 AM	143.57	2
OH Other	PLANNED OUTAGE	12/24/2017 2:25:23 AM	228.07	4
OH Other	PLANNED OUTAGE	12/26/2017 12:13:55 AM	260.05	3
PLF	PLANNED OUTAGE	12/26/2017 9:53:16 AM	236.07	1
OH Other	PLANNED OUTAGE	12/26/2017 10:28:13 AM	388.33	1
PLF	PLANNED OUTAGE	12/26/2017 7:02:55 PM	167.27	1
OH Other	PLANNED OUTAGE	12/27/2017 8:25:44 AM	1,579.65	3
OH Other	PLANNED OUTAGE	12/27/2017 9:12:28 AM	482.47	1
OH Other	PLANNED OUTAGE	12/27/2017 9:27:45 AM	766.08	5
OH Other	PLANNED OUTAGE	12/27/2017 9:29:13 AM	610.73	4
PLF	PLANNED OUTAGE	12/27/2017 9:30:47 AM	152.03	1
OH Other	PLANNED OUTAGE	12/27/2017 10:02:44 AM	4,320.00	10
OH Other	PLANNED OUTAGE	12/27/2017 10:02:53 AM	1,291.40	3
PLF	PLANNED OUTAGE	12/27/2017 10:30:04 AM	403.17	1
OH Other	PLANNED OUTAGE	12/27/2017 10:44:24 AM	391.05	1
OH Other	PLANNED OUTAGE	12/27/2017 11:33:37 AM	678.93	2
PLF	PLANNED OUTAGE	12/27/2017 11:35:50 AM	3,034.05	9
OH Other	PLANNED OUTAGE	12/27/2017 11:37:45 AM	2,679.60	8

Outage Event	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
PLF	PLANNED OUTAGE	12/27/2017 12:09:03 PM	10,094.08	89
PLF	PLANNED OUTAGE	12/27/2017 1:01:32 PM	465.58	5
OH Other	PLANNED OUTAGE	12/27/2017 1:02:31 PM	654.03	7
OH Other	PLANNED OUTAGE	12/27/2017 1:27:05 PM	1,127.42	5
OH Other	PLANNED OUTAGE	12/27/2017 3:13:50 PM	118.63	1
UG Other	PLANNED OUTAGE	12/27/2017 6:03:56 PM	5,112.33	35
UG Other	PLANNED OUTAGE	12/27/2017 11:45:27 PM	281.05	7
PLF	PLANNED OUTAGE	12/28/2017 8:08:00 AM	920.07	2
PLF	PLANNED OUTAGE	12/28/2017 8:38:31 AM	408.50	2
UG Other	PLANNED OUTAGE	12/28/2017 8:55:23 AM	87.82	1
UG Other	PLANNED OUTAGE	12/28/2017 9:07:39 AM	58.13	1
OH Other	PLANNED OUTAGE	12/28/2017 9:12:43 AM	1,649.92	5
OH Other	PLANNED OUTAGE	12/28/2017 9:14:02 AM	657.57	2
OH Other	PLANNED OUTAGE	12/28/2017 9:47:29 AM	2,286.67	16
OH Other	PLANNED OUTAGE	12/28/2017 10:11:27 AM	665.53	2
PLF	PLANNED OUTAGE	12/28/2017 10:24:55 AM	4,501.47	14
OH Other	PLANNED OUTAGE	12/28/2017 10:28:51 AM	106.75	3
OH Other	PLANNED OUTAGE	12/28/2017 11:45:10 AM	1,877.80	12
OH Other	PLANNED OUTAGE	12/28/2017 2:33:07 PM	1,347.00	9
OH Other	PLANNED OUTAGE	12/28/2017 2:34:33 PM	165.35	3
OH Other	PLANNED OUTAGE	12/29/2017 8:02:54 AM	174.68	1
OH Other	PLANNED OUTAGE	12/29/2017 8:44:06 AM	2,450.53	8
OH Other	PLANNED OUTAGE	12/29/2017 9:02:13 AM	1,180.60	6
OH Other	PLANNED OUTAGE	12/29/2017 9:51:43 AM	2,058.40	12
OH Other	PLANNED OUTAGE	12/29/2017 10:58:42 AM	1,349.17	5
UG Other	PLANNED OUTAGE	12/29/2017 8:39:15 PM	248.80	16
Circuit Out	PLANNED OUTAGE	12/30/2017 11:47:46 AM	69,088.50	1755
PLF	PLANNED OUTAGE	12/31/2017 12:00:22 AM	972.30	7
OH Other	PLANNED OUTAGE	12/31/2017 8:12:36 AM	1,325.13	13

2017 Adjustments: Other Distribution Outage Events

Outage Events	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Substation	FPSC Commission Rule 25-6.0455	1/18/2017 1:02:32 PM	39,360.93	1142
Substation	FPSC Commission Rule 25-6.0455	1/18/2017 1:02:32 PM	114,551.67	1700
Substation	FPSC Commission Rule 25-6.0455	1/19/2017 7:07:31 AM	1,389.45	471
Substation	FPSC Commission Rule 25-6.0455	1/19/2017 11:08:38 AM	57,682.08	1495
Substation	FPSC Commission Rule 25-6.0455	1/19/2017 11:08:38 AM	76,483.55	2717
Substation	FPSC Commission Rule 25-6.0455	1/23/2017 9:39:05 AM	128,438.00	3576
Substation	FPSC Commission Rule 25-6.0455	2/3/2017 9:28:14 AM	36,797.13	812
Substation	FPSC Commission Rule 25-6.0455	2/7/2017 12:34:31 PM	25,952.20	867
Step Restoration	FPSC Commission Rule 25-6.0455	2/7/2017 12:34:31 PM	55,826.58	1255
Step Restoration	FPSC Commission Rule 25-6.0455	2/7/2017 12:34:36 PM	52,036.80	1172
Step Restoration	FPSC Commission Rule 25-6.0455	2/7/2017 12:34:36 PM	55,078.80	1162
Substation	FPSC Commission Rule 25-6.0455	2/7/2017 2:28:00 PM	11,268.00	2817
Substation	FPSC Commission Rule 25-6.0455	2/7/2017 2:28:47 PM	6,258.27	1496
Substation	FPSC Commission Rule 25-6.0455	2/9/2017 10:02:00 PM	134,456.58	1855
Substation	FPSC Commission Rule 25-6.0455	2/9/2017 10:02:00 PM	138,430.60	2222
Substation	FPSC Commission Rule 25-6.0455	2/9/2017 10:02:00 PM	90,474.00	1774
Substation	FPSC Commission Rule 25-6.0455	2/17/2017 4:17:31 PM	47,103.23	917
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	62,004.30	639
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	115,635.67	1210
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	30,571.17	310
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	16,862.30	78
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	122,915.83	1265
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	27,285.70	453
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	140,169.60	1413
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	42,446.93	197
Substation	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:55 AM	25,381.82	163
Substation	FPSC Commission Rule 25-6.0455	3/3/2017 4:26:21 AM	205.50	2
Step Restoration	FPSC Commission Rule 25-6.0455	3/3/2017 4:26:21 AM	118.17	2
Step Restoration	FPSC Commission Rule 25-6.0455	3/3/2017 4:26:21 AM	8,687.70	98
Step Restoration	FPSC Commission Rule 25-6.0455	3/3/2017 4:26:21 AM	265.95	3
Step Restoration	FPSC Commission Rule 25-6.0455	3/3/2017 4:26:21 AM	35,621.10	334
Substation	FPSC Commission Rule 25-6.0455	3/3/2017 7:35:15 AM	1,449.82	289
Substation	FPSC Commission Rule 25-6.0455	3/3/2017 7:35:15 AM	8,220.33	1820
Substation	FPSC Commission Rule 25-6.0455	3/3/2017 7:35:20 AM	5,268.50	1285
Substation	FPSC Commission Rule 25-6.0455	4/1/2017 2:41:42 PM	75,688.40	1748
Substation	FPSC Commission Rule 25-6.0455	4/1/2017 2:41:42 PM	20,099.20	704
Substation	FPSC Commission Rule 25-6.0455	4/1/2017 2:41:42 PM	25,121.43	1046
Substation	FPSC Commission Rule 25-6.0455	4/1/2017 2:41:42 PM	44,336.80	1256
Substation	FPSC Commission Rule 25-6.0455	4/2/2017 7:47:49 AM	49,785.40	1654
Substation	FPSC Commission Rule 25-6.0455	4/16/2017 7:13:37 AM	59,507.47	1136
Substation	FPSC Commission Rule 25-6.0455	4/16/2017 7:13:37 AM	137,239.62	2099
Substation	FPSC Commission Rule 25-6.0455	4/16/2017 7:13:37 AM	32,138.50	570
Substation	FPSC Commission Rule 25-6.0455	4/20/2017 5:16:00 PM	54,810.00	870
Step Restoration	FPSC Commission Rule 25-6.0455	4/20/2017 5:16:00 PM	48,947.38	767
Step Restoration	FPSC Commission Rule 25-6.0455	4/20/2017 5:16:00 PM	49,274.00	694
Step Restoration	FPSC Commission Rule 25-6.0455	4/20/2017 5:16:00 PM	29,096.83	590
Substation	FPSC Commission Rule 25-6.0455	4/22/2017 8:07:43 PM	62,284.83	1355
Substation	FPSC Commission Rule 25-6.0455	4/22/2017 8:07:43 PM	22,656.00	384
Substation	FPSC Commission Rule 25-6.0455	4/22/2017 8:07:48 PM	76,672.13	2291
Substation	FPSC Commission Rule 25-6.0455	4/22/2017 8:07:48 PM	103,513.65	1773
Substation	FPSC Commission Rule 25-6.0455	4/23/2017 5:59:19 AM	89,935.67	1076
Substation	FPSC Commission Rule 25-6.0455	4/28/2017 5:06:08 AM	28,901.40	319
Substation	FPSC Commission Rule 25-6.0455	4/28/2017 5:06:08 AM	136,930.33	1385
Substation	FPSC Commission Rule 25-6.0455	4/28/2017 5:06:08 AM	34,517.93	323

Outage Events	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Substation	FPSC Commission Rule 25-6.0455	5/5/2017 3:24:37 AM	1.00	1
Substation	FPSC Commission Rule 25-6.0455	5/5/2017 3:24:37 AM	1.17	1
Substation	FPSC Commission Rule 25-6.0455	5/8/2017 10:26:45 AM	142,962.75	1827
Substation	FPSC Commission Rule 25-6.0455	5/12/2017 7:30:46 AM	3,248.75	1695
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	4,032.00	90
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	523.60	7
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	149.60	2
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	268.80	6
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	224.00	5
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	224.00	5
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	89.60	2
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	134.40	3
Substation	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	3,016.80	36
Substation	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	1,897.20	34
Substation	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	26,385.80	401
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	74.80	1
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	299.20	4
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	134.40	3
Step Restoration	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	19,373.20	259
Substation	FPSC Commission Rule 25-6.0455	5/14/2017 9:45:12 AM	10,831.73	269
Substation	FPSC Commission Rule 25-6.0455	5/17/2017 4:31:33 PM	6,063.20	2067
Substation	FPSC Commission Rule 25-6.0455	5/20/2017 9:45:02 PM	561.00	306
Substation	FPSC Commission Rule 25-6.0455	5/25/2017 11:02:23 AM	3,472.00	465
Step Restoration	FPSC Commission Rule 25-6.0455	5/25/2017 11:02:23 AM	7.47	1
Substation	FPSC Commission Rule 25-6.0455	5/31/2017 4:02:37 PM	29,627.85	441
Step Restoration	FPSC Commission Rule 25-6.0455	5/31/2017 4:02:37 PM	109,279.77	1583
Substation	FPSC Commission Rule 25-6.0455	5/31/2017 4:24:15 PM	2,103.25	47
Substation	FPSC Commission Rule 25-6.0455	6/1/2017 8:01:20 PM	28,336.00	483
Substation	FPSC Commission Rule 25-6.0455	6/1/2017 8:01:20 PM	3,093.45	41
Substation	FPSC Commission Rule 25-6.0455	6/1/2017 8:30:33 PM	58,507.35	1803
Substation	FPSC Commission Rule 25-6.0455	6/7/2017 9:06:36 AM	2,196.50	1146
Substation	FPSC Commission Rule 25-6.0455	6/11/2017 8:01:48 AM	83,517.60	1424
Substation	FPSC Commission Rule 25-6.0455	6/11/2017 8:02:10 AM	70,295.47	1328
Substation	FPSC Commission Rule 25-6.0455	6/11/2017 8:03:33 AM	33,105.80	884
Substation	FPSC Commission Rule 25-6.0455	6/11/2017 8:03:38 AM	26,525.33	560
Step Restoration	FPSC Commission Rule 25-6.0455	6/11/2017 3:03:18 PM	10,871.12	197
Step Restoration	FPSC Commission Rule 25-6.0455	6/11/2017 3:03:18 PM	9,195.90	87
Substation	FPSC Commission Rule 25-6.0455	6/11/2017 3:03:18 PM	39,725.60	816
Substation	FPSC Commission Rule 25-6.0455	6/18/2017 6:07:21 PM	23,737.95	963
Substation	FPSC Commission Rule 25-6.0455	6/18/2017 6:07:21 PM	52,843.40	1369
Substation	FPSC Commission Rule 25-6.0455	6/18/2017 6:07:21 PM	9,961.25	325
Substation	FPSC Commission Rule 25-6.0455	6/20/2017 7:33:34 AM	9,744.58	2275
Substation	FPSC Commission Rule 25-6.0455	6/26/2017 11:39:27 AM	41,480.10	1458
Substation	FPSC Commission Rule 25-6.0455	6/30/2017 6:47:26 PM	3,432.27	976
Substation	FPSC Commission Rule 25-6.0455	7/3/2017 10:18:59 PM	198.00	36
Substation	FPSC Commission Rule 25-6.0455	7/5/2017 7:48:01 PM	3,400.45	1447
Step Restoration	FPSC Commission Rule 25-6.0455	7/5/2017 7:54:02 PM	109,842.33	580
Step Restoration	FPSC Commission Rule 25-6.0455	7/5/2017 7:54:02 PM	3,089.60	24
Substation	FPSC Commission Rule 25-6.0455	7/5/2017 7:54:02 PM	196,013.25	1227
Substation	FPSC Commission Rule 25-6.0455	7/6/2017 9:55:59 AM	10,066.98	479
Substation	FPSC Commission Rule 25-6.0455	7/10/2017 4:42:45 PM	1,325.25	465
Substation	FPSC Commission Rule 25-6.0455	7/10/2017 4:43:25 PM	749.70	306
Substation	FPSC Commission Rule 25-6.0455	7/10/2017 7:44:38 PM	77,717.13	1231
Substation	FPSC Commission Rule 25-6.0455	7/11/2017 9:35:38 AM	39,174.83	695

Outage Events	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Substation	FPSC Commission Rule 25-6.0455	7/11/2017 9:35:38 AM	77,160.30	1629
Substation	FPSC Commission Rule 25-6.0455	7/11/2017 1:47:40 PM	40,245.33	1372
Substation	FPSC Commission Rule 25-6.0455	7/11/2017 5:01:01 PM	56,784.00	1008
Substation	FPSC Commission Rule 25-6.0455	7/11/2017 6:13:24 PM	18,123.20	482
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 3:31:12 PM	102,196.80	1208
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:31:12 PM	43,150.50	430
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 3:32:11 PM	50,940.00	566
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:32:35 PM	64,551.67	1006
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:32:54 PM	22,464.50	251
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:35:34 PM	28,494.07	554
OCR, Sec.	FPSC Commission Rule 25-6.0455	7/12/2017 3:35:34 PM	2,321.67	50
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:35:43 PM	11,122.00	134
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 3:42:13 PM	13,921.10	438
Substation	FPSC Commission Rule 25-6.0455	7/12/2017 4:28:13 PM	6,846.12	101
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 4:28:13 PM	7,523.95	111
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 4:28:13 PM	203.35	3
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 4:28:13 PM	406.70	6
Step Restoration	FPSC Commission Rule 25-6.0455	7/12/2017 4:28:13 PM	232.60	4
Substation	FPSC Commission Rule 25-6.0455	7/15/2017 8:01:00 AM	30,719.03	761
Substation	FPSC Commission Rule 25-6.0455	7/15/2017 8:02:36 AM	186,938.63	2507
Substation	FPSC Commission Rule 25-6.0455	7/15/2017 8:02:36 AM	83,908.65	1527
Substation	FPSC Commission Rule 25-6.0455	7/16/2017 8:34:02 PM	17,371.90	483
Substation	FPSC Commission Rule 25-6.0455	7/18/2017 8:24:32 AM	106,779.27	1327
Step Restoration	FPSC Commission Rule 25-6.0455	7/18/2017 8:24:32 AM	22,574.53	722
Step Restoration	FPSC Commission Rule 25-6.0455	7/18/2017 8:24:32 AM	146,176.80	2034
Step Restoration	FPSC Commission Rule 25-6.0455	7/18/2017 7:58:01 PM	33,715.20	576
Step Restoration	FPSC Commission Rule 25-6.0455	7/18/2017 7:58:01 PM	40,220.03	958
Substation	FPSC Commission Rule 25-6.0455	7/18/2017 7:58:11 PM	99,597.33	1352
Substation	FPSC Commission Rule 25-6.0455	7/19/2017 5:54:30 PM	793.43	13
Substation	FPSC Commission Rule 25-6.0455	7/19/2017 5:54:30 PM	2,993.00	82
Substation	FPSC Commission Rule 25-6.0455	7/19/2017 5:54:50 PM	38,379.05	1349
Substation	FPSC Commission Rule 25-6.0455	7/20/2017 1:26:30 PM	84,630.00	2604
Substation	FPSC Commission Rule 25-6.0455	7/22/2017 6:19:21 PM	44,142.45	1023
Substation	FPSC Commission Rule 25-6.0455	7/22/2017 6:21:12 PM	28,415.83	430
Substation	FPSC Commission Rule 25-6.0455	7/22/2017 6:21:23 PM	47,312.00	480
Substation	FPSC Commission Rule 25-6.0455	7/22/2017 6:21:59 PM	32,428.43	329
Substation	FPSC Commission Rule 25-6.0455	7/24/2017 8:42:30 PM	67,959.00	1678
Substation	FPSC Commission Rule 25-6.0455	7/24/2017 8:42:30 PM	95,944.50	927
Substation	FPSC Commission Rule 25-6.0455	7/24/2017 8:43:10 PM	44,628.50	933
Substation	FPSC Commission Rule 25-6.0455	8/7/2017 7:45:53 PM	55,271.53	476
Substation	FPSC Commission Rule 25-6.0455	8/14/2017 11:41:28 AM	56,207.33	1180
Substation	FPSC Commission Rule 25-6.0455	8/14/2017 11:41:28 AM	112,243.20	1422
Substation	FPSC Commission Rule 25-6.0455	8/14/2017 11:41:28 AM	33,876.97	686
Circuit Out	FPSC Commission Rule 25-6.0455	8/26/2017 9:06:33 PM	9,473.80	101
Step Restoration	FPSC Commission Rule 25-6.0455	8/26/2017 9:06:33 PM	61,830.97	746
Step Restoration	FPSC Commission Rule 25-6.0455	8/26/2017 9:06:33 PM	17,571.70	199
Substation	FPSC Commission Rule 25-6.0455	8/27/2017 11:08:44 PM	18,886.40	624
Substation	FPSC Commission Rule 25-6.0455	8/27/2017 11:08:44 PM	46,006.75	1129
Substation	FPSC Commission Rule 25-6.0455	8/27/2017 11:08:49 PM	73,142.60	1374
Substation	FPSC Commission Rule 25-6.0455	8/28/2017 2:20:58 PM	28,924.97	419
Step Restoration	FPSC Commission Rule 25-6.0455	8/28/2017 2:20:58 PM	142,439.83	1451
Step Restoration	FPSC Commission Rule 25-6.0455	8/28/2017 2:20:58 PM	19,032.22	169
Step Restoration	FPSC Commission Rule 25-6.0455	8/28/2017 2:20:58 PM	158,939.50	1319
Step Restoration	FPSC Commission Rule 25-6.0455	8/28/2017 2:21:49 PM	42,535.80	324

Outage Events	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Substation	FPSC Commission Rule 25-6.0455	8/29/2017 2:06:32 PM	6,308.50	2294
Substation	FPSC Commission Rule 25-6.0455	8/30/2017 4:41:03 PM	239,725.80	1164
Step Restoration	FPSC Commission Rule 25-6.0455	9/1/2017 3:23:01 PM	25,818.67	515
Substation	FPSC Commission Rule 25-6.0455	9/1/2017 3:23:01 PM	43,715.20	719
Substation	FPSC Commission Rule 25-6.0455	9/6/2017 9:01:49 AM	12,918.47	428
Substation	FPSC Commission Rule 25-6.0455	9/6/2017 9:53:30 PM	268.67	260
Substation	FPSC Commission Rule 25-6.0455	9/10/2017 6:26:45 AM	33.25	1
Substation	FPSC Commission Rule 25-6.0455	9/27/2017 7:40:57 PM	77,457.60	1296
Substation	FPSC Commission Rule 25-6.0455	9/27/2017 7:40:57 PM	17,163.17	290
Substation	FPSC Commission Rule 25-6.0455	9/27/2017 7:41:07 PM	65,259.60	1071
Step Restoration	FPSC Commission Rule 25-6.0455	9/27/2017 7:41:07 PM	5,057.47	83
Substation	FPSC Commission Rule 25-6.0455	9/29/2017 6:49:28 AM	3,551.17	1490
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 7:04:50 AM	2,516.25	2013
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:00:00 AM	6,558.83	145
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:00:00 AM	636.07	7
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:01:07 AM	1,375.03	581
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:01:07 AM	4,099.07	1732
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:01:07 AM	1,924.10	813
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 10:01:07 AM	4,189.00	1770
Substation	FPSC Commission Rule 25-6.0455	10/17/2017 4:13:14 PM	656.13	7
Substation	FPSC Commission Rule 25-6.0455	10/23/2017 3:06:52 PM	21,845.25	855
Substation	FPSC Commission Rule 25-6.0455	10/23/2017 3:06:52 PM	25,347.87	1259
Substation	FPSC Commission Rule 25-6.0455	10/23/2017 3:06:52 PM	42,094.67	1310
Step Restoration	FPSC Commission Rule 25-6.0455	10/29/2017 10:21:32 AM	36,490.92	397
Step Restoration	FPSC Commission Rule 25-6.0455	10/29/2017 10:21:32 AM	36,643.50	765
Substation	FPSC Commission Rule 25-6.0455	10/30/2017 9:25:34 AM	95,832.33	1226
Substation	FPSC Commission Rule 25-6.0455	10/30/2017 9:28:51 AM	10,674.30	357
Substation	FPSC Commission Rule 25-6.0455	11/1/2017 8:49:48 AM	4,019.40	87
Substation	FPSC Commission Rule 25-6.0455	11/1/2017 8:49:48 AM	12,520.40	277
Substation	FPSC Commission Rule 25-6.0455	11/1/2017 8:49:48 AM	10,767.00	185
Substation	FPSC Commission Rule 25-6.0455	11/5/2017 9:21:00 AM	63,096.55	979
Substation	FPSC Commission Rule 25-6.0455	12/14/2017 10:52:45 AM	15,435.00	1372

2017 Adjustments: Transmission Events

Outage Events	Reason for Exclusion	Outage Date	CMI Excluded	CI Excluded
Transmission	FPSC Commission Rule 25-6.0455	1/23/2017 4:48:31 PM	93,564.17	1903
Step Restoration	FPSC Commission Rule 25-6.0455	1/23/2017 4:48:31 PM	85,944.92	1751
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	11,203.40	1807
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	3.97	1
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	16,237.80	2619
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	368.90	93
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	333.20	84
Transmission	FPSC Commission Rule 25-6.0455	2/27/2017 1:02:48 AM	1,261.40	318
Transmission	FPSC Commission Rule 25-6.0455	3/10/2017 1:16:53 AM	1,171.25	937
Step Restoration	FPSC Commission Rule 25-6.0455	3/10/2017 1:16:53 AM	1,323.75	1059
Step Restoration	FPSC Commission Rule 25-6.0455	3/10/2017 1:16:53 AM	195.00	156
Step Restoration	FPSC Commission Rule 25-6.0455	3/10/2017 1:16:53 AM	3.75	3
Step Restoration	FPSC Commission Rule 25-6.0455	3/10/2017 1:16:53 AM	6.25	5
Transmission	FPSC Commission Rule 25-6.0455	7/5/2017 7:06:35 PM	294.40	184
Step Restoration	FPSC Commission Rule 25-6.0455	7/5/2017 7:06:35 PM	1,353.60	846
Step Restoration	FPSC Commission Rule 25-6.0455	7/5/2017 7:06:35 PM	832.00	520
Step Restoration	FPSC Commission Rule 25-6.0455	7/5/2017 7:06:35 PM	1,580.80	988
Transmission	FPSC Commission Rule 25-6.0455	7/12/2017 3:30:00 PM	3,330.00	555
Transmission	FPSC Commission Rule 25-6.0455	7/12/2017 3:30:00 PM	147,042.00	1167
Transmission	FPSC Commission Rule 25-6.0455	7/12/2017 3:30:00 PM	4,410.00	735
Transmission	FPSC Commission Rule 25-6.0455	8/23/2017 7:05:00 AM	26,488.00	308
Transmission	FPSC Commission Rule 25-6.0455	8/23/2017 7:05:00 AM	5,332.00	62
Transmission	FPSC Commission Rule 25-6.0455	8/23/2017 7:05:00 AM	32,967.00	407
Transmission	FPSC Commission Rule 25-6.0455	10/1/2017 11:10:58 AM	2,975.00	1190
Step Restoration	FPSC Commission Rule 25-6.0455	10/1/2017 11:10:58 AM	3,640.00	1456
Transmission	FPSC Commission Rule 25-6.0455	10/11/2017 12:17:31 PM	44,132.00	11033
Transmission	FPSC Commission Rule 25-6.0455	10/11/2017 12:17:31 PM	44,853.97	9031
Transmission	FPSC Commission Rule 25-6.0455	10/17/2017 10:00:00 AM	21,200.00	424
Transmission	FPSC Commission Rule 25-6.0455	10/17/2017 10:00:00 AM	65,892.00	1156
Transmission	FPSC Commission Rule 25-6.0455	10/26/2017 4:28:55 AM	49,976.43	1787
Step Restoration	FPSC Commission Rule 25-6.0455	10/26/2017 4:28:55 AM	19,255.37	49

Appendix C)

Annual Wood Pole Inspection Report

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

TAMPA ELECTRIC COMPANY
Annual Wood Pole Inspection Report
2017

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 Inspection	# 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	# 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 Reinforcement 0.00%	Distribution Reinforcement 0	Distribution Reinforcement 166	(Anchors/Guys)					
				Distribution Replacement 0.00%	Distribution Replacement 0	Distribution Replaced 4,657						
CYCLE THREE WOOD POLE POPULATION								Distribution Poles Overloaded				
Distribution 285,000	Distribution 0	Distribution 0	Distribution 0	Distribution 0.00%	Distribution 0	Distribution 4,657	Distribution 0	Distribution 0	Visual Sound Bore Excavation	** Distribution 36,000	Distribution 161,672	Distribution 56.73%
*Transmission 26,000	Transmission 0	Transmission 0	Transmission 0	Transmission 0.00%	Transmission 0	Transmission 389	Transmission 0	Transmission 0		Transmission 1,285	Transmission 14,430	Transmission 55.50%
Total Poles 311,000	Total 0	Total 0	Total 0		Total 0	Total 5,046	Total 0	Total 0		Total 37,285	Total 176,102	Total 56.62%
If b - c > 0, provide explanation	Planned inspections are performed by circuit and area. The status of completion would be considered before moving into a new circuit or area.											
If d - g > 0, provide explanation	Pole replacement funding is determined prior to the calendar year beginning. This funding level will be influenced by the poles identified in prior years for replacement. The company spent $26.4M replacing distribution poles and $10.4M replacing transmission poles in 2017.											
Description of selection criteria for inspections	* Transmission Total Pole Population Includes Concrete, Steel and Wood.											

Appendix D)

Storm Hardening Metrics

1) Initiative 1: Four-year Vegetation Management

2017 - 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		198.9			627.4		826.3
(D) Remaining Miles		1,540.2			3,896.1		5,436.3
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		156			3,991		4,147
(H) All Vegetation Management Costs							$10,067,262
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							$9,164,897
(L) Vegetation Goal (current year)							1,565.6
(M) Vegetation Budget (next year)							$13,169,410
(N) Vegetation Goal (next year)							1,564.0
(O) Trim-Back Distance							10’

Note H: All Vegetation Management Costs - SERVICE AREA - include ONLY contractor costs, All Vegetation Management Costs - SYSTEM - include ALL costs

Note L & N: Vegetation Goal shown in miles.

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

2017 - 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		42.3			76.2		118.6
(D) Remaining Miles		297.3			626.6		923.9
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		57			1,055		1,112
(H) All Vegetation Management Costs							$1,219,517
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							260.6
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							259.5
(O) Trim-Back Distance							10’

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

2017 - 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		3.8			27.3		31.1
(D) Remaining Miles		50.9			288.5		339.4
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		5			146		151
(H) All Vegetation Management Costs							$373,287
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							92.6
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							92.8
(O) Trim-Back Distance							10’

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

2017 - 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		32.7			67.0		99.7
(D) Remaining Miles		264.2			475.8		740.0
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		22			507		529
(H) All Vegetation Management Costs							$772,503
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							209.9
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							209.4
(O) Trim-Back Distance							10’

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

2017 - 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		16.7			109.4		126.1
(D) Remaining Miles		229.3			881.3		1,110.6
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		6			460		466
(H) All Vegetation Management Costs							$937,651
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							309.2
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							310.4
(O) Trim-Back Distance							10’

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

2017 - 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		16.0			146.0		162.0
(D) Remaining Miles		184.0			387.4		571.4
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		24			278		302
(H) All Vegetation Management Costs							$774,213
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							183.3
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							183.0
(O) Trim-Back Distance							10’

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

2017 - 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		39.9			97.3		137.2
(D) Remaining Miles		313.5			660.9		974.4
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		35			1,139		1,174
(H) All Vegetation Management Costs							$1,805,926
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							277.9
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							277.3
(O) Trim-Back Distance							10’

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

2017 - 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		47.5			104.2		151.7
(D) Remaining Miles		200.9			575.7		776.6
(E) Outages per Mile [A ÷ (C + D)]							
(F) Vegetation CI per Mile [B ÷ (C + D)]							
(G) Number of Hotspot trims		7			406		413
(H) All Vegetation Management Costs							$588,854
(I) Customer Minutes of Interruption							
(J) Outage restoration costs							
(K) Vegetation Budget (current year)							
(L) Vegetation Goal (current year)							232.1
(M) Vegetation Budget (next year)							
(N) Vegetation Goal (next year)							231.6
(O) Trim-Back Distance							10’

Note H: All Vegetation Management Costs include ONLY contractor costs.
Note L & N: Vegetation Goal shown in miles.
Note 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: 100 percent
   feeders: N/A laterals: N/A
b) Date audit conducted: Quarter four of 2013 through June 2014.
c) Date of previous audit: Total system-wide audit completed 2008.
d) List of audits conducted annually
   - Tampa Electric will begin a joint-use pole attachment audit in last quarter of 2018.
   - 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.	307,266
(B) Number of company distribution poles leased.	13,184 (1)
(C) Number of owned distribution pole attachments	197,828
(D) Number of leased distribution pole attachments.	13,184 (2)
(E) Number of authorized attachments.	320,739
(F) Number of unauthorized attachments.	80 (3)
(G) Number of distribution poles strength tested.	1,179
(H) Number of distribution poles passing strength test.	828
(I) Number of distribution poles failing strength test (overloaded).	156
(J) Number of distribution poles failing strength test (other reasons).	0 (4)
(K) Number of distribution poles corrected (strength failure).	1 (5)
(L) Number of distribution poles corrected (other reasons).	55 (6)
(M) Number of distribution poles replaced.	5,587
(N) Number of apparent NESC violations involving electric infrastructure.	121
(O) Number of apparent NESC violations involving 3rd party facilities.	545

Note 1: These are the number of poles where Tampa Electric leases space on foreign owned poles.
Note 2: Each attachment is counted as one per pole on leased poles.
Note 3: Tampa Electric completed a pole attachment audit in June 2014 and identified unauthorized attachments at the completion of the audit in June 2014.
Note 4: These 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.
Note 5: These poles were re-guyed or re-configured to pass strength loading.
Note 6: The company reinforced these poles with trusses

3) Initiative 3: Eight-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.		207				
(B1)	Planned transmission circuit inspections – Groundline (Poles)	0 (0)		$0		13 (3,169)	$60,000
(B2)	Planned transmission circuit inspections – Above Ground (Poles).	0 (0)		$0		13 (3,169)	$260,000
(C1)	Completed transmission circuit inspections – Groundline (Poles)		0 (0)		$0		
(C2)	Completed transmission circuit inspections – Above Ground (Poles)		0 (0)		$0		
(D1)	Percent of transmission circuit inspections completed - Groundline		0%				
(D2)	Percent of transmission circuit inspections completed – Above Ground.		0%				
(E)	Planned transmission substation inspections.	72				72	
(F)	Completed transmission substation inspections		72				
(G)	Percent transmission substation inspections completed.		100%				
(H)	Planned transmission equipment inspections (other equipment). – Ground Patrol/ IR Patrol	204 / 0		$159,279 / $0		207 / 207	$133,554 / $34,085
(I)	Completed transmission equipment inspections (other equipment) – Ground Patrol/ IR Patrol		204 / 0		$125,188 / $0		
(J)	Percent of transmission equipment inspections completed (other equipment) – Ground Patrol/ IR Patrol		100% / 0%				

Transmission Pole Inspections

	Activity		Current Budget		Next Year	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total number of transmission poles		24,955[1]				
(B) Number of transmission poles strength tested		0[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)		389			58[3]	

Note 1: The transmission pole count on the entire system is currently 24,955. 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 ground line 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.

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.	310		$6.8M		58	$2.3M
(B) Transmission structures hardening completed.		389		$9.96M		
(C) Percent transmission structures hardening completed.		125%				

5) Initiative 5: Geographic Information System

See Section I – Storm Preparedness Plans, item E) Initiative 5: See Geographic Information System on pages 22 and 23 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 23 through 28 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 28 for a detailed discussion.

8) Initiative 8: Increase Coordination with Local Governments

See matrix below of Tampa Electric's activities involving its coordination with local governments.

Government Entity	Municipal	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	---	EEI Mutual Assistance Presentations - 12 hours	EEI Business Continuity (BC) Leadership - 10 hours				
	---		EEI National Response Event (NRE) Exercise - 2 hours				
	---		Electric Subsector Coordinating Council - 6 hours				
	---		FEMA NIMS Webinar - 4 hours				
	---		NERC GridEx IV Planning - 140 hours				
	---		NFPA 1600 Committee meeting - Emergency Management, Business Continuity, and Disaster Recovery Standard - 20 hours				
STATE	---	National Guard Capabilities for Utilities - 6 hours	Mock Storm Planning and Exercise - 28 hours	EOC Activation (Hurricane Irma) - 162 hours			
	---		Debris Clearing Planning with FDOT - 4 hours				
HILLSBOROUGH COUNTY	---	Public Safety Operations Complex (PSOC) Grand Opening and Meet/Greet - 8 hours	PDRP Planning - 18 hours	EOC Activation (Hurricane Irma) - 441 hours	SAR Teams (Hurricane Irma)		
	---		Hillsborough County Operations Group Meetings - 4 hours				
	---		Hillsborough County Training and Exercise Meetings - 4 hours				
	---		LMS Working Group - 60 hours				
	---		Critical Facility Index Working Group - 8 hours				
	---		BioTerrorism Exercise - 50 hours				
	---		WebEOC Training and Users Group - 14 hours				
	---	Restoration update calls to County Commissioners and Staff - 160 hours	Mock Storm Planning and Exercise - 40 hours				
	City of Tampa	Restoration update calls to City Commission or staff - 80 hours	Critical Facility Index Working Group - 2 hours	EOC Activation (January tornadic activity) - 8 hours		Meetings on changes to tree ordinance - 4 hours	
	City of Tampa	Restoration update calls to Mayor - 2 hours	Mock Storm Planning and Exercise - 14 hours	EOC Activation (Hurricane Irma) - 100 hours	SAR Teams (Hurricane Irma)		
	City of Tampa		Mock Storm Debris Clearing Exercise - 14 hours				
	City of Tampa		Comprehensive Emergency Operations Plan (CEOP) Update - 14 hours				
	City of Tampa		PDRP Planning - 21 hours				
	City of Plant City	Restoration update calls to City Manager - 2 hours		EOC Activation (Hurricane Irma) - 21 hours	SAR Teams (Hurricane Irma)		
	City of Plant City	Restoration update calls to Mayor or City Staff - 80 hours					
	City of Temple Terrace	Restoration update calls to City Manager or Staff - 8 hours	Storm Season Workshop - 3 hours	EOC Activation and Communications (Hurricane Irma) - 34 hours	SAR Teams (Hurricane Irma)		
POLK COUNTY	Polk County	Restoration update calls to Elected Officials and Staff - 20 hours					
	Winter Haven		Mock Storm Planning and Exercise - 12 hours	EOC Activation and Communications (Hurricane Irma) - 223 hours			
PASCO COUNTY	Pasco Co		WebEOC Training Session - 2 hours	EOC Activation and Communications - 36 hours			
	Pasco Co	Restoration update calls to County Commissioners and Staff - 80 hours	Vulnerable Population Committee - 13 hours				
	New Port Richey		Multi-Year Training and Exercise Planning - 2 hours				
	Dade City	Communications with Dade City Police Chief on Storm Plan - 2 hours	Communicated TE transmission helicopter inspections - 2 hours	EOC Activation (Hurricane Irma) - 94 hours			
	San Antonio						
	St. Leo						
PINELLAS COUNTY	Largo		Integrated Emergency Management Course and Mock Storm Exercise - 64 hours	EOC Activation (Hurricane Irma) - 117 hours			
	Largo		Critical Infrastructure Working Group - 8 hours				
	Oldsmar			EOC Activation and Communications (Hurricane Irma) - 42 hours			
OTHER							

9) Initiative 9: Collaborative Research

See Section I – Storm Preparedness Plans, item I) Initiative 9: Collaborative Research on pages 33 through 36 for a detailed description and related data.

10) Initiative 10: Disaster Preparedness and Recovery Plan

The company's Disaster Preparedness and Recovery Plan for 2017 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 2018, 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 173 through 212.

(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	(O) Feeder Looped?
13001	SHA	N/A	12.58	771	50,789	387	N/A	4.47	610	3,947	36	0	1	Yes
13002	SHA	N/A	0.24	17	0	0	N/A	0.58	7	0	0	1	0	Yes
13003	SHA	N/A	24.01	567	34,218	386	N/A	2.52	196	0	0	0	4	Yes
13004	DCA	N/A	11.14	508	30,602	308	N/A	8.56	497	5,513	42	0	0	Yes
13005	DCA	N/A	6.34	239	6,518	48	N/A	1.56	214	1,678	6	0	0	Yes
13006	DCA	N/A	22.72	772	27,790	110	N/A	10.36	891	1,664	29	0	1	Yes
13007	PCA	N/A	29.59	464	69,560	414	N/A	3.21	58	280	1	2	0	Yes
13008	PCA	N/A	17.19	421	19,846	97	N/A	1.38	17	417	2	0	0	Yes
13009	PCA	N/A	3.02	66	995	5	N/A	0.92	41	0	0	0	0	Yes
13010	PCA	N/A	7.69	447	40,799	526	N/A	11.70	1,031	8,374	48	6	0	Yes
13011	PCA	N/A	27.35	1,497	138,934	2,074	N/A	1.06	93	0	0	2	0	Yes
13012	WSA	N/A	0.48	53	4,725	25	N/A	0.10	10	0	0	0	0	Yes
13013	WSA	N/A	0.25	45	694	7	N/A	1.47	188	8,112	27	0	0	Yes
13016	WSA	N/A	0.83	85	1,018	15	N/A	0.76	95	0	0	0	0	Yes
13017	SHA	N/A	9.18	353	8,647	52	N/A	20.00	1,616	0	0	11	0	Yes
13019	SHA	N/A	15.07	949	19,752	149	N/A	8.89	719	25,832	121	1	0	Yes
13020	SHA	N/A	12.86	849	48,248	632	N/A	2.18	250	254	4	0	0	Yes
13021	CSA	N/A	3.25	247	8,056	64	N/A	4.88	1,012	381	8	0	0	Yes
13022	CSA	N/A	3.29	416	10,493	99	N/A	0.70	310	2,741	8	0	0	Yes
13023	CSA	N/A	8.31	976	69,242	549	N/A	1.87	351	0	0	0	0	Yes
13024	CSA	N/A	7.52	802	93,848	321	N/A	1.20	175	7,611	52	0	0	Yes
13026	CSA	N/A	3.03	275	58,048	670	N/A	5.04	1,511	61,073	329	0	0	Yes
13027	CSA	N/A	9.24	690	79,821	936	N/A	1.83	309	8,446	47	2	0	Yes
13028	CSA	N/A	5.45	586	23,251	184	N/A	4.40	1,344	10,265	55	0	0	Yes
13029	CSA	N/A	5.93	508	47,367	251	N/A	3.11	650	4,650	18	0	0	Yes
13030	WHA	N/A	30.18	1,024	5,642	35	N/A	11.91	729	2,282	9	13	1	Yes
13031	WHA	N/A	14.07	541	4,632	20	N/A	2.42	115	0	0	0	0	Yes
13034	CSA	N/A	9.91	1,149	35,481	308	N/A	0.74	169	0	0	0	0	Yes
13035	CSA	N/A	5.07	467	21,666	105	N/A	0.71	96	0	0	0	2	Yes
13036	CSA	N/A	9.04	909	34,075	143	N/A	2.18	270	583	3	0	0	Yes
13037	CSA	N/A	5.79	556	71,229	611	N/A	1.63	321	0	0	0	0	Yes
13038	ESA	N/A	6.20	346	66,169	442	N/A	3.87	208	8,617	31	0	0	Yes
13039	ESA	N/A	7.67	466	9,060	66	N/A	6.55	591	5,736	26	0	0	Yes
13040	ESA	N/A	0.29	4	96,794	754	N/A	14.39	1,085	21,371	115	0	0	Yes
13041	ESA	N/A	5.70	320	20,405	87	N/A	14.69	949	8,999	55	0	0	Yes
13042	CSA	N/A	12.85	1,104	52,408	371	N/A	0.10	4	0	0	0	0	Yes
13043	CSA	N/A	12.31	1,632	52,897	482	N/A	1.23	395	6,770	81	0	0	Yes
13044	CSA	N/A	12.36	1,686	38,771	273	N/A	0.29	10	0	0	1	0	Yes
13045	CSA	N/A	7.04	846	12,981	88	N/A	0.05	17	0	0	0	0	Yes
13046	CSA	N/A	7.90	1,072	9,836	87	N/A	0.05	4	1,406	15	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
4.09	0.10	0	0	0	3.99	117	15,898	714	1%	11.9
3.11	2.42	0	0	0	0.69	0	0	0	0%	5.6
7.84	0.03	0	0	0	7.81	100	20,549	869	2%	13.3
3.30	0.00	0	0	0	3.30	89	0	0	2%	18.6
1.66	0.51	0	0	0	1.15	34	0	0	1%	6
6.09	0.17	0	0	0	5.92	94	83,153	1,757	0%	7.8
3.43	0.09	0	0	0	3.34	31	120,601	2,351	2%	17.8
0.87	0.00	0	0	0	0.87	1	82,315	1,301	5%	16.9
2.23	0.09	0	0	0	2.14	31	330	136	2%	9.6
5.17	0.57	0	0	0	4.60	96	72,882	1,593	0%	8.1
6.29	0.54	0	0	0	5.76	81	79,743	1,655	1%	17
0.53	0.09	0	0	0	0.44	22	0	0	4%	4.4
1.44	0.81	0	0	0	0.63	41	1,210	274	2%	10.1
1.22	0.39	0	0	0	0.83	18	0	0	1%	8.7
4.82	1.64	0	0	0	3.18	72	0	0	3%	29.4
5.03	1.08	0	0	0	3.95	60	642,432	8,774	2%	23.6
3.82	0.00	0	0	0	3.82	105	227,852	6,314	6%	20.8
3.09	0.09	0	0	0	3.01	74	10,942	1,365	2%	18.2
0.92	0.11	0	0	0	0.82	21	34,836	799	2%	7.5
2.46	0.10	0	0	0	2.36	106	0	0	3%	21.3
1.91	0.12	0	0	0	1.79	92	0	0	5%	23.9
1.31	0.04	0	0	0	1.26	65	106,340	3,373	1%	12.4
1.19	0.46	0	0	0	0.73	33	163,217	1,679	3%	19.7
1.79	0.23	0	0	0	1.56	29	54,093	1,940	2%	16.4
1.22	0.29	0	0	0	0.93	27	7,231	1,154	2%	13.1
5.29	0.09	0	0	0	5.19	82	140,412	2,381	1%	15.1
3.45	0.00	0	0	0	3.45	51	0	0	3%	10
1.92	0.04	0	0	0	1.88	100	5,884	1,447	1%	11.4
2.17	0.02	0	0	0	2.15	108	3,432	182	0%	6
2.85	0.73	0	0	0	2.12	108	64,615	622	1%	12
2.51	0.08	0	0	0	2.43	154	73,175	1,800	1%	10.1
2.13	0.10	0	0	0	2.03	62	31,536	608	12%	47.3
3.07	0.07	0	0	0	3.00	55	0	0	5%	31.9
1.11	0.54	0	86,333	1,653	0.57	6	40,468	604	8%	53.8
4.44	0.16	0	0	0	4.28	110	0	0	1%	12.4
2.67	0.06	0	0	0	2.61	171	79,491	5,560	2%	20.8
2.05	0.05	0	0	0	2.00	154	0	0	0%	8.5
0.89	0.03	0	0	0	0.87	56	0	0	3%	27
1.83	0.11	0	0	0	1.73	151	128,383	1,982	3%	19.4
3.16	0.00	0	0	0	3.16	235	40,921	842	1%	11

(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	(O) Feeder Looped?
13047	CSA	N/A	3.77	513	4,424	15	N/A	0.27	166	3,299	41	0	0	Yes
13048	CSA	N/A	8.37	1,206	21,447	164	N/A	0.35	27	0	0	0	0	Yes
13049	CSA	N/A	5.57	590	1,789	18	N/A	2.06	487	0	0	0	0	Yes
13050	CSA	N/A	0.05	0	0	0	N/A	0.93	43	13,603	40	0	0	Yes
13051	CSA	N/A	1.41	99	5,960	82	N/A	4.28	943	73	1	0	0	Yes
13052	CSA	N/A	0.88	38	0	0	N/A	0.63	132	0	0	0	0	Yes
13053	CSA	N/A	9.10	1,195	55,926	397	N/A	1.98	302	3,397	42	0	0	Yes
13054	CSA	N/A	0.23	0	0	0	N/A	1.10	431	7,150	26	0	0	Yes
13055	CSA	N/A	0.15	1	0	0	N/A	0.49	26	0	0	0	0	Yes
13057	CSA	N/A	0.21	5	450	2	N/A	0.89	171	0	0	0	0	Yes
13059	WSA	N/A	6.94	911	33,738	412	N/A	0.62	132	0	0	0	0	Yes
13060	WSA	N/A	4.81	503	26,414	176	N/A	1.13	463	0	0	0	0	Yes
13061	WSA	N/A	3.50	437	15,069	108	N/A	0.39	32	0	0	0	0	Yes
13062	WSA	N/A	4.88	542	75,671	658	N/A	0.15	15	0	0	0	0	Yes
13063	WSA	N/A	5.64	435	18,099	208	N/A	6.92	1,444	0	0	0	0	Yes
13064	WSA	N/A	9.00	1,002	142,665	1,229	N/A	4.70	781	33,522	80	10	2	Yes
13065	WSA	N/A	8.91	1,025	35,396	343	N/A	2.06	456	45,023	156	0	0	Yes
13066	WSA	N/A	2.96	437	16,774	109	N/A	0.00	0	0	0	0	0	Yes
13067	WSA	N/A	5.26	634	23,784	221	N/A	0.41	14	0	0	0	0	Yes
13068	WSA	N/A	5.42	814	22,230	147	N/A	1.39	325	0	0	0	0	Yes
13069	WSA	N/A	4.11	513	45,425	713	N/A	0.77	367	13,897	202	0	0	Yes
13070	WSA	N/A	16.57	401	90,200	746	N/A	15.95	371	7,132	16	0	0	Yes
13071	WSA	N/A	7.40	178	40,852	341	N/A	16.25	1,179	8,389	187	0	1	Yes
13072	WSA	N/A	6.42	665	30,783	218	N/A	0.47	38	0	0	0	0	Yes
13073	WSA	N/A	3.48	401	31,259	121	N/A	6.86	352	9,792	22	4	0	Yes
13076	WSA	N/A	2.17	99	15,475	108	N/A	1.44	123	680	3	0	0	Yes
13077	WSA	N/A	8.19	635	32,045	316	N/A	1.77	50	489	2	0	0	Yes
13078	WSA	N/A	7.21	1,013	35,845	242	N/A	0.31	88	2,876	86	0	0	Yes
13079	WSA	N/A	4.56	543	17,942	130	N/A	2.53	756	7,151	68	0	0	Yes
13080	WSA	N/A	8.04	1,111	191,617	2,231	N/A	1.36	542	29,121	216	5	0	Yes
13081	WSA	N/A	2.83	412	17,634	262	N/A	1.48	519	0	0	3	0	Yes
13082	WSA	N/A	6.30	801	23,049	184	N/A	0.71	303	0	0	0	0	Yes
13084	ESA	N/A	3.95	158	14,006	60	N/A	1.43	75	0	0	0	0	Yes
13085	ESA	N/A	2.12	51	419	3	N/A	0.22	7	0	0	0	0	Yes
13086	ESA	N/A	3.07	246	7,454	43	N/A	1.06	13	105	1	0	0	Yes
13087	ESA	N/A	4.20	331	24,231	84	N/A	2.55	316	8,956	63	0	0	Yes
13088	CSA	N/A	3.52	361	10,092	56	N/A	1.24	315	1	1	0	0	Yes
13089	CSA	N/A	8.13	767	28,435	122	N/A	1.07	16	0	0	0	0	Yes
13090	CSA	N/A	4.66	634	45,617	196	N/A	1.51	349	0	0	0	0	Yes
13091	CSA	N/A	10.04	1,458	26,382	194	N/A	0.30	7	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.37	0.04	0	0	0	1.32	106	0	0	1%	6.9
2.43	0.14	0	0	0	2.29	170	30,962	544	0%	7
1.71	0.05	0	0	0	1.66	125	59,294	806	1%	6.9
1.90	1.45	0	0	0	0.44	2	0	0	0%	5.5
2.02	0.15	0	0	0	1.87	47	50,836	1,112	0%	7.7
1.56	0.09	0	0	0	1.47	13	0	0	1%	10.5
2.48	0.13	0	0	0	2.36	140	0	0	0%	7.9
1.72	0.70	0	0	0	1.02	6	0	0	1%	8.2
3.30	1.38	2	0	0	1.92	8	0	0	0%	5.1
1.41	0.04	0	0	0	1.37	8	0	0	0%	8.5
1.50	0.09	0	0	0	1.42	126	0	0	1%	9.1
1.94	0.00	0	0	0	1.94	144	29,420	1,133	1%	11.4
2.21	0.00	0	0	0	2.21	166	0	0	8%	27.1
1.71	0.00	0	0	0	1.71	140	55,310	1,424	8%	23.5
3.07	0.00	0	0	0	3.07	141	0	0	1%	12.7
2.01	0.00	0	0	0	2.01	174	98,487	1,968	1%	15.7
0.61	0.00	0	0	0	0.61	49	95,923	1,577	0%	7
0.59	0.05	0	0	0	0.54	75	0	0	0%	2.5
1.55	0.29	0	0	0	1.26	90	28,856	727	2%	21.6
1.29	0.03	0	0	0	1.26	65	31,087	2,475	3%	21.5
1.99	0.05	0	0	0	1.94	128	59,633	1,038	2%	11.4
3.66	0.69	0	17,284	235	2.97	21	95,227	814	0%	5
2.37	0.06	0	0	0	2.31	22	78,532	1,381	1%	19.7
0.70	0.31	0	0	0	0.39	34	0	0	0%	6
2.04	0.19	0	0	0	1.85	107	36,807	851	4%	29.6
1.60	0.00	0	0	0	1.60	39	0	0	0%	5.7
3.18	0.16	0	0	0	3.02	133	71,042	1,556	4%	25.7
1.08	0.06	0	0	0	1.02	9	0	0	0%	6.2
2.37	0.13	0	0	0	2.24	128	0	0	1%	12.6
2.19	0.16	0	0	0	2.03	96	141,077	1,595	2%	25.1
0.91	0.19	0	0	0	0.72	57	8,371	983	2%	13.6
0.45	0.06	0	0	0	0.38	47	0	0	0%	7.5
2.27	0.12	0	0	0	2.15	36	16,733	278	2%	12.1
1.23	0.37	0	0	0	0.86	9	0	0	0%	4.5
3.41	0.37	0	0	0	3.04	45	11,658	320	1%	12.8
2.64	0.24	0	0	0	2.39	115	0	0	0%	7
1.15	0.04	0	9,421	65	1.11	58	41,262	1,424	1%	4.9
0.51	0.11	0	0	0	0.40	20	26,780	803	2%	13.6
2.48	0.27	0	0	0	2.20	100	0	0	0%	1.4
2.65	0.24	0	0	0	2.41	131	99,652	3,222	1%	10.5

(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	(O) Feeder Looped?
13092	CSA	N/A	5.36	614	42,553	408	N/A	0.29	54	0	0	0	0	Yes
13093	CSA	N/A	6.07	957	26,074	193	N/A	0.07	38	0	0	0	0	Yes
13094	CSA	N/A	6.42	679	67,301	755	N/A	2.95	472	10,372	153	0	0	Yes
13096	CSA	N/A	19.85	669	120,229	1,199	N/A	11.26	506	3,003	21	1	1	Yes
13097	CSA	N/A	14.35	555	60,288	427	N/A	19.31	668	6,557	63	0	0	Yes
13098	CSA	N/A	10.07	508	44,751	323	N/A	9.65	538	3,648	32	0	0	Yes
13099	CSA	N/A	11.58	362	52,217	397	N/A	19.88	787	7,850	54	0	0	Yes
13100	CSA	N/A	5.77	464	26,692	110	N/A	0.89	73	0	0	0	0	Yes
13101	CSA	N/A	3.16	361	29,882	121	N/A	0.73	184	4,068	45	0	0	Yes
13102	CSA	N/A	6.02	835	56,077	297	N/A	0.37	26	0	0	0	0	Yes
13103	CSA	N/A	3.33	536	7,037	45	N/A	0.44	13	332	5	0	0	Yes
13104	CSA	N/A	5.07	502	52,743	606	N/A	1.74	263	0	0	0	0	Yes
13105	CSA	N/A	6.80	626	42,980	299	N/A	2.06	398	4,514	52	0	0	Yes
13106	CSA	N/A	3.56	529	2,185	11	N/A	5.51	2,051	0	0	0	0	Yes
13107	CSA	N/A	3.80	464	100,506	527	N/A	5.72	981	3,456	8	0	0	Yes
13109	WSA	N/A	5.30	756	72,254	374	N/A	3.32	1,233	4,288	16	0	0	Yes
13110	WSA	N/A	1.05	39	4,999	25	N/A	2.79	359	0	0	0	0	Yes
13111	WSA	N/A	4.10	539	14,068	149	N/A	1.25	316	5,871	90	0	0	Yes
13112	WSA	N/A	10.41	992	43,275	633	N/A	5.37	580	6,601	35	5	0	Yes
13113	WSA	N/A	3.20	476	49,940	101	N/A	0.05	2	0	0	0	0	Yes
13114	WSA	N/A	6.25	546	39,240	126	N/A	8.70	2,254	0	0	0	0	Yes
13115	WHA	N/A	6.43	458	43,411	235	N/A	2.80	207	0	0	0	0	Yes
13117	WHA	N/A	11.58	690	7,667	63	N/A	22.00	566	5,737	162	0	0	Yes
13118	WHA	N/A	12.48	764	4,342	56	N/A	13.97	1,208	2,274	11	21	1	Yes
13119	PCA	N/A	1.66	24	584	5	N/A	2.10	623	0	0	0	0	Yes
13120	PCA	N/A	2.64	62	16,361	143	N/A	10.22	934	12,995	125	0	0	Yes
13121	PCA	N/A	3.27	89	17,040	407	N/A	7.31	682	5,519	142	0	0	Yes
13122	PCA	N/A	3.97	327	1,718	15	N/A	1.09	73	1,055	12	0	0	Yes
13123	PCA	N/A	7.32	646	18,549	179	N/A	1.36	124	4,127	8	0	0	Yes
13124	PCA	N/A	7.45	342	11,349	107	N/A	2.81	308	1,146	10	1	0	Yes
13125	PCA	N/A	4.05	403	46,861	197	N/A	3.11	357	481	1	0	0	Yes
13126	PCA	N/A	8.04	231	4,564	38	N/A	2.75	220	6,716	68	0	0	Yes
13127	ESA	N/A	2.02	63	6,096	53	N/A	16.35	1,086	25,697	201	0	0	Yes
13128	ESA	N/A	9.36	555	80,751	515	N/A	7.81	565	9,945	50	0	1	Yes
13129	ESA	N/A	2.81	240	51,285	166	N/A	5.44	421	4,426	70	0	0	Yes
13130	ESA	N/A	5.81	335	32,197	141	N/A	4.11	453	18,968	112	0	0	Yes
13132	ESA	N/A	1.67	40	3,485	32	N/A	1.96	106	1,403	19	1	0	Yes
13133	ESA	N/A	8.14	921	57,765	850	N/A	1.64	185	3,006	10	0	1	Yes
13134	ESA	N/A	2.16	158	2,600	11	N/A	2.67	215	5,552	51	0	0	Yes
13136	WSA	N/A	4.33	479	69,305	228	N/A	0.37	9	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.39	0.19	0	0	0	1.21	134	0	0	0%	3.4
1.61	0.21	0	0	0	1.39	106	19,866	1,114	2%	10.7
3.68	1.11	0	0	0	2.56	108	41,380	2,214	2%	21.1
3.35	0.08	0	0	0	3.27	85	62,387	1,370	1%	17.5
5.81	1.18	0	0	0	4.63	95	26,190	673	1%	13.9
4.45	0.07	0	0	0	4.38	109	0	0	0%	9.3
6.38	0.07	0	0	0	6.31	52	95,975	2,375	1%	16.8
2.63	0.22	0	0	0	2.42	103	0	0	0%	8.5
1.22	0.00	0	0	0	1.22	92	13,962	655	0%	3.9
3.67	0.13	0	0	0	3.54	212	0	0	3%	18.2
1.91	0.16	0	0	0	1.75	145	0	0	2%	10.7
2.20	0.14	0	0	0	2.06	81	0	0	3%	18.1
1.62	0.00	0	0	0	1.62	47	153,728	2,349	2%	15.3
1.27	0.08	0	0	0	1.19	73	0	0	0%	7.3
3.15	0.00	0	0	0	3.15	127	0	0	1%	13.1
1.46	0.58	0	0	0	0.89	84	95,943	2,088	3%	21.2
1.79	0.08	0	0	0	1.72	31	28,314	330	0%	7.7
1.02	0.08	0	0	0	0.94	21	0	0	3%	19.4
4.04	0.21	0	0	0	3.83	192	154,565	3,541	0%	10.9
1.04	0.17	0	0	0	0.87	39	0	0	-1%	0
2.75	1.19	0	0	0	1.56	78	34,926	2,935	1%	14.6
2.46	0.12	0	0	0	2.33	69	30,567	756	0%	4.4
5.59	2.47	0	0	0	3.11	73	131,022	1,322	0%	5.9
8.07	1.56	0	36	1	6.51	136	176,125	4,148	0%	10.2
2.27	0.08	0	0	0	2.19	18	50,221	1,348	2%	18.6
2.92	0.75	0	1,850	2,285	2.17	24	0	0	4%	31.6
3.17	0.26	0	0	0	2.91	63	0	0	2%	20.3
1.43	0.09	0	0	0	1.34	48	0	0	0%	7.7
2.43	0.00	0	0	0	2.43	99	26,623	894	5%	28.1
4.04	0.02	0	0	0	4.02	123	0	0	2%	16.1
3.36	0.86	0	0	0	2.49	124	0	0	0%	8.5
4.59	0.15	0	0	0	4.45	29	0	0	4%	13.2
2.60	0.00	0	0	0	2.60	100	205,329	3,772	3%	21.6
3.38	0.03	0	0	0	3.35	94	92,220	2,400	2%	17.5
2.01	0.13	0	0	0	1.88	49	0	0	1%	9.7
3.57	0.04	0	0	0	3.53	131	0	0	1%	9.4
0.77	0.03	0	0	0	0.73	16	0	0	3%	11.2
1.53	0.00	0	0	0	1.53	23	0	0	4%	23.6
1.14	0.07	0	0	0	1.07	53	0	0	10%	20.1
1.43	0.08	0	0	0	1.35	26	65,568	4,256	10%	30.6

(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	(O) Feeder Looped?
13137	WSA	N/A	0.93	144	13,377	45	N/A	1.25	516	34,560	151	0	0	Yes
13138	WSA	N/A	4.03	446	156,948	1,689	N/A	2.50	849	16,713	182	0	0	Yes
13139	WSA	N/A	5.86	535	65,643	297	N/A	3.18	897	15,592	33	0	0	Yes
13140	WSA	N/A	3.59	393	9,611	104	N/A	1.81	926	11,063	77	0	0	Yes
13141	WSA	N/A	2.67	498	53,689	345	N/A	0.94	455	446	3	0	0	Yes
13142	WSA	N/A	2.57	541	69,570	320	N/A	1.99	1,108	0	0	0	0	Yes
13143	WSA	N/A	1.90	330	6,675	85	N/A	0.08	38	0	0	0	0	Yes
13146	PCA	N/A	20.18	447	12,091	121	N/A	1.05	36	0	0	0	0	Yes
13147	PCA	N/A	32.37	788	70,890	445	N/A	6.49	360	4,087	14	0	0	Yes
13148	PCA	N/A	30.92	673	18,028	117	N/A	1.29	41	2,021	19	0	0	Yes
13150	WHA	N/A	4.33	354	2,374	27	N/A	5.42	201	0	0	0	0	Yes
13151	WHA	N/A	1.87	40	14,393	136	N/A	10.75	1,035	23,167	140	0	0	Yes
13152	WHA	N/A	3.52	310	30,067	435	N/A	8.17	562	35,691	180	0	0	Yes
13153	WHA	N/A	7.38	645	136,939	1,849	N/A	4.15	327	8,971	33	0	0	Yes
13154	WSA	N/A	3.64	380	11,804	41	N/A	8.59	1,449	41,753	174	0	0	Yes
13155	WSA	N/A	3.71	387	2,123	17	N/A	12.18	1,265	6,071	87	0	0	Yes
13156	WSA	N/A	2.19	206	20,100	404	N/A	3.79	832	26,881	34	0	0	Yes
13157	WSA	N/A	0.84	59	2,618	8	N/A	10.13	567	12,642	63	0	0	Yes
13158	CSA	N/A	7.22	720	25,741	194	N/A	3.06	820	0	0	0	0	Yes
13159	CSA	N/A	8.16	1,162	180,104	850	N/A	1.99	311	201	2	0	0	Yes
13160	CSA	N/A	4.95	539	14,236	147	N/A	2.04	377	1,489	10	0	0	Yes
13161	WSA	N/A	3.41	390	8,429	92	N/A	0.18	55	0	0	0	0	Yes
13162	WSA	N/A	5.66	547	34,809	154	N/A	1.04	263	20	1	0	0	Yes
13163	WSA	N/A	5.50	772	28,533	288	N/A	0.52	116	1,749	20	0	0	Yes
13164	WSA	N/A	5.88	755	162,975	715	N/A	0.84	52	0	0	0	0	Yes
13165	WSA	N/A	1.94	269	0	0	N/A	0.53	53	0	0	0	0	Yes
13166	WSA	N/A	5.75	798	32,858	102	N/A	1.54	490	9,116	71	0	0	Yes
13167	WSA	N/A	7.65	1,204	19,911	131	N/A	0.71	226	1,729	11	0	0	Yes
13169	ESA	N/A	1.11	5	1,970	12	N/A	12.55	1,227	62,153	518	0	0	Yes
13170	ESA	N/A	0.29	1	0	0	N/A	18.82	1,953	24,543	106	0	0	Yes
13171	ESA	N/A	9.52	592	131,632	1,635	N/A	9.65	805	623	7	0	0	Yes
13172	ESA	N/A	2.93	210	10,185	126	N/A	1.96	143	0	0	0	0	Yes
13173	ESA	N/A	3.27	442	21,836	146	N/A	6.03	954	0	0	0	0	Yes
13174	ESA	N/A	1.73	12	109,606	859	N/A	18.96	3,047	40,874	206	0	0	Yes
13175	CSA	N/A	16.91	1,723	332,565	1,719	N/A	0.73	40	0	0	0	0	Yes
13176	CSA	N/A	8.44	819	62,230	203	N/A	1.13	49	940	2	0	0	Yes
13177	CSA	N/A	3.41	311	9,404	58	N/A	0.41	51	0	0	0	0	Yes
13178	CSA	N/A	3.07	97	455	12	N/A	0.48	40	0	0	0	0	Yes
13180	CSA	N/A	2.19	248	348	11	N/A	0.44	70	304	1	0	0	Yes
13181	CSA	N/A	3.88	271	12,500	75	N/A	1.35	872	210	1	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.36	0.16	0	0	0	1.20	93	0	0	1%	10
1.25	0.03	0	0	0	1.22	39	0	0	1%	10.3
1.72	0.04	0	0	0	1.67	64	0	0	0%	10.4
0.44	0.18	0	0	0	0.27	47	0	0	4%	17
1.38	0.38	0	0	0	1.00	125	12,821	2,474	0%	6.4
1.11	0.28	0	0	0	0.83	67	47,279	1,808	3%	21.6
1.76	0.64	0	0	0	1.13	46	0	0	0%	10.2
8.61	0.47	0	0	0	8.14	65	4,487	554	3%	6.1
5.55	0.02	0	0	0	5.53	35	0	0	1%	7
4.18	0.00	0	0	0	4.18	25	0	0	2%	5.6
3.63	0.37	0	0	0	3.26	94	16,963	297	1%	14.7
3.57	0.05	0	3,368	1,225	3.52	22	177,655	3,912	2%	14.4
3.06	0.13	0	0	0	2.93	125	54,179	928	1%	11.5
1.39	0.04	0	2,705	12	1.35	45	98,368	4,388	0%	10.5
1.33	0.00	0	0	0	1.33	88	0	0	0%	7.5
3.18	1.12	0	0	0	2.06	63	261,880	5,227	0%	9.5
2.15	0.07	0	0	0	2.08	65	0	0	0%	6.6
1.22	0.34	0	0	0	0.88	67	0	0	1%	6.9
2.07	0.06	0	0	0	2.01	123	0	0	1%	8.9
3.30	0.09	0	0	0	3.21	180	0	0	1%	11.2
1.06	0.29	0	0	0	0.78	20	0	0	2%	14.8
0.51	0.06	0	0	0	0.45	46	0	0	1%	5.1
1.43	0.00	0	0	0	1.43	176	0	0	0%	9.6
1.60	0.06	0	0	0	1.54	165	0	0	0%	7
1.71	0.36	0	0	0	1.35	27	0	0	1%	9.3
0.24	0.19	0	0	0	0.05	2	806	104	1%	4.1
4.89	0.66	0	0	0	4.23	267	288	244	1%	14.9
1.50	0.04	0	0	0	1.46	134	0	0	0%	8.1
3.82	1.72	0	69,535	1,230	2.11	5	3,756	1,252	0%	11.5
5.65	2.71	0	0	0	2.94	10	0	0	0%	11.9
4.07	0.15	0	0	0	3.92	70	18,384	409	1%	17.3
1.49	0.02	0	0	0	1.47	21	0	0	4%	9.5
3.53	1.02	0	0	0	2.52	27	0	0	2%	10.7
3.63	1.18	0	0	0	2.45	14	146,570	2,816	3%	24.8
4.03	0.23	0	0	0	3.80	143	337,657	4,930	0%	10.5
3.74	0.38	0	0	0	3.36	98	133,349	3,377	0%	8.8
1.58	0.20	0	0	0	1.39	102	21,266	464	0%	3.4
2.95	0.38	0	0	0	2.57	55	13,546	198	0%	7
1.43	0.56	0	0	0	0.86	34	2,869	320	1%	6.7
1.95	0.16	0	0	0	1.79	35	75,052	2,089	0%	8.3

(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	(O) Feeder Looped?
13183	CSA	N/A	6.68	339	2,375	25	N/A	0.61	34	0	0	0	0	Yes
13184	CSA	N/A	1.63	68	776	4	N/A	0.43	30	0	0	0	0	Yes
13185	CSA	N/A	2.54	212	17,783	83	N/A	7.81	1,036	19,513	99	0	0	Yes
13186	CSA	N/A	3.99	359	2,198	8	N/A	0.42	104	7,808	50	0	0	Yes
13187	CSA	N/A	6.07	508	25,945	250	N/A	4.82	640	41,652	106	0	0	Yes
13188	CSA	N/A	5.21	430	16,367	86	N/A	5.25	584	22,020	132	0	0	Yes
13189	WSA	N/A	2.57	194	12,413	85	N/A	1.66	67	0	0	0	0	Yes
13190	WSA	N/A	7.99	595	19,034	107	N/A	8.45	439	2,949	28	0	0	Yes
13191	WSA	N/A	5.62	490	17,579	138	N/A	3.98	259	11,423	32	0	0	Yes
13192	WSA	N/A	4.24	218	31,862	214	N/A	7.77	779	9,669	50	0	0	Yes
13193	WSA	N/A	0.00	0	0	0	N/A	10.85	885	10,437	38	0	0	Yes
13194	WSA	N/A	6.14	240	108,635	585	N/A	1.93	202	1,494	7	0	0	Yes
13195	WSA	N/A	0.45	25	28,208	144	N/A	0.93	18	910	3	0	0	Yes
13198	WSA	N/A	4.03	568	32,836	183	N/A	2.44	193	2,950	23	0	0	Yes
13199	WSA	N/A	4.66	829	7,632	57	N/A	0.68	132	1,858	29	0	0	Yes
13200	WSA	N/A	0.35	19	258	2	N/A	0.39	5	0	0	0	0	Yes
13201	WSA	N/A	2.77	359	2,437	21	N/A	0.66	444	0	0	0	0	Yes
13204	CSA	N/A	5.23	538	86,429	1,352	N/A	4.22	1,170	21,492	139	0	0	Yes
13205	CSA	N/A	3.99	329	9,959	54	N/A	2.10	446	0	0	0	0	Yes
13206	WSA	N/A	10.33	1,380	86,149	463	N/A	0.17	29	0	0	0	0	Yes
13207	WSA	N/A	9.56	976	82,195	644	N/A	0.50	31	0	0	0	0	Yes
13208	WSA	N/A	4.52	454	29,705	193	N/A	0.89	46	1,807	36	0	0	Yes
13210	WSA	N/A	7.32	803	66,257	264	N/A	0.21	3	145	2	3	0	Yes
13211	ESA	N/A	1.96	74	4,583	63	N/A	6.92	738	4,921	53	0	0	Yes
13213	ESA	N/A	20.35	947	26,134	207	N/A	10.41	541	14,670	63	1	0	Yes
13214	ESA	N/A	6.08	429	361	8	N/A	4.22	228	271	1	0	0	Yes
13215	ESA	N/A	0.05	0	0	0	N/A	0.28	0	0	0	0	0	Yes
13217	WSA	N/A	2.92	320	110,669	431	N/A	1.76	188	1,762	4	0	0	Yes
13218	WSA	N/A	5.98	579	23,507	209	N/A	2.11	742	2,249	22	0	0	Yes
13219	WSA	N/A	8.82	1,198	18,872	122	N/A	1.94	360	0	0	1	0	Yes
13220	WSA	N/A	4.60	452	80,204	805	N/A	1.45	285	54	1	0	0	Yes
13221	CSA	N/A	3.81	124	3,971	62	N/A	5.48	1,230	4,968	94	0	0	Yes
13222	CSA	N/A	2.52	179	18,894	84	N/A	1.82	30	5,236	58	0	0	Yes
13223	CSA	N/A	4.46	295	94,704	904	N/A	1.41	85	0	0	0	0	Yes
13224	CSA	N/A	10.12	939	119,016	1,950	N/A	1.24	260	252	1	0	0	Yes
13225	ESA	N/A	5.83	442	22,004	131	N/A	4.55	372	2,544	10	0	0	Yes
13226	ESA	N/A	6.63	485	156,660	2,425	N/A	9.97	1,194	9,679	53	17	5	Yes
13227	ESA	N/A	6.25	451	10,822	175	N/A	9.01	713	0	0	0	0	Yes
13228	ESA	N/A	3.95	259	21,475	51	N/A	4.66	762	1,336	16	0	0	Yes
13229	ESA	N/A	8.06	633	56,554	281	N/A	4.20	580	39,830	138	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.23	0.22	0	0	0	1.01	51	0	0	1%	3.7
2.01	0.40	0	0	0	1.61	54	0	0	3%	7.2
1.24	0.06	0	0	0	1.18	71	10,931	1,317	0%	4.3
2.31	0.00	0	0	0	2.31	148	0	0	1%	4.5
2.28	0.07	0	0	0	2.21	127	206,670	1,302	1%	11.1
2.61	0.02	0	0	0	2.60	101	0	0	2%	15.2
1.87	0.01	0	0	0	1.86	79	0	0	0%	11.8
4.35	0.47	0	0	0	3.87	126	158,980	1,156	0%	7.6
3.17	0.29	0	0	0	2.88	72	0	0	0%	10
4.34	0.40	0	0	0	3.94	28	23,138	1,006	0%	9.3
4.85	1.77	0	0	0	3.08	3	0	0	0%	4
1.35	0.12	0	0	0	1.23	19	0	0	4%	12.5
1.52	0.87	0	0	0	0.65	26	16,160	190	7%	36.3
2.92	0.36	0	0	0	2.56	164	76,543	1,937	1%	9.2
0.50	0.09	0	0	0	0.41	8	0	0	0%	5
0.65	0.05	0	0	0	0.59	43	0	0	1%	6.7
2.38	0.83	0	0	0	1.56	69	0	0	0%	7.6
2.53	0.24	0	0	0	2.29	127	61,885	1,769	0%	9.5
1.11	0.37	0	0	0	0.74	29	0	0	0%	4.4
1.03	0.15	0	0	0	0.88	85	40,277	1,518	0%	9.5
0.71	0.17	0	0	0	0.54	18	0	0	0%	8
1.20	0.25	0	0	0	0.95	83	89,300	1,185	9%	35.7
2.50	0.40	0	0	0	2.09	102	86,181	1,324	2%	15.4
2.25	0.32	0	0	0	1.93	14	0	0	0%	11.9
5.22	1.30	0	0	0	3.92	138	0	0	1%	12.6
2.98	0.27	0	0	0	2.71	59	0	0	1%	8.6
1.67	0.99	0	0	0	0.67	0	0	0	0%	6.3
2.81	0.66	0	0	0	2.15	73	12,088	577	6%	29
1.55	0.17	0	0	0	1.38	56	71,475	1,407	4%	20.7
2.70	0.14	0	0	0	2.57	168	4,182	1,673	1%	19.6
1.38	0.08	0	0	0	1.31	20	0	0	6%	21.1
3.01	0.17	0	0	0	2.84	39	4,389	1,291	2%	10.6
2.49	0.53	0	0	0	1.96	42	0	0	1%	10.2
2.79	0.00	0	0	0	2.79	57	24,170	320	1%	8.2
3.06	0.82	0	0	0	2.24	58	0	0	0%	10.6
0.61	0.06	0	0	0	0.54	12	62,814	777	2%	12.8
4.09	0.13	0	0	0	3.96	57	47,953	630	0%	10.6
3.12	0.03	0	0	0	3.09	69	0	0	1%	14.5
3.50	0.16	0	0	0	3.34	88	0	0	1%	12.5
2.36	0.10	21	0	0	2.26	101	336	1,344	1%	9.5

(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	(O) Feeder Looped?
13230	ESA	N/A	3.76	225	33,237	110	N/A	5.15	853	5,288	16	0	0	Yes
13231	ESA	N/A	4.85	440	22,723	225	N/A	8.54	754	8,631	90	0	0	Yes
13233	SHA	N/A	5.94	70	220	4	N/A	4.69	290	6,011	88	6	0	Yes
13235	SHA	N/A	0.41	2	5,010	655	N/A	31.60	2,379	10,067	42	0	0	Yes
13236	SHA	N/A	70.55	621	70,431	307	N/A	28.51	1,720	0	0	0	0	Yes
13237	SHA	N/A	0.71	3	0	0	N/A	31.45	2,049	244	1	0	0	Yes
13238	SHA	N/A	3.51	42	4,109	40	N/A	16.71	697	330	2	0	0	Yes
13241	PCA	N/A	11.44	873	62,554	194	N/A	4.75	592	20,397	95	0	0	Yes
13242	PCA	N/A	10.60	308	26,320	112	N/A	3.41	364	63	1	1	0	Yes
13243	PCA	N/A	10.75	852	58,591	869	N/A	2.21	383	0	0	0	0	Yes
13250	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13251	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13252	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13253	CSA	N/A	0.09	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13254	SHA	N/A	22.82	515	213,396	672	N/A	11.56	908	14,519	118	0	2	Yes
13256	SHA	N/A	21.70	498	22,367	157	N/A	7.08	761	29,331	209	0	0	Yes
13258	CSA	N/A	0.00	0	0	0	N/A	0.59	13	0	0	0	0	Yes
13259	CSA	N/A	0.00	0	0	0	N/A	1.40	13	0	0	0	0	Yes
13260	CSA	N/A	0.00	0	0	0	N/A	0.20	0	0	0	0	0	Yes
13261	CSA	N/A	0.00	0	0	0	N/A	1.25	5	0	0	0	0	Yes
13262	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13263	CSA	N/A	0.00	0	0	0	N/A	0.05	0	0	0	0	0	Yes
13264	CSA	N/A	0.00	0	0	0	N/A	1.51	878	0	0	0	0	Yes
13265	CSA	N/A	0.00	0	0	0	N/A	0.46	7	0	0	0	0	Yes
13267	CSA	N/A	0.24	2	73	1	N/A	0.90	11	0	0	0	0	Yes
13268	PCA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13270	PCA	N/A	0.41	27	0	0	N/A	3.38	412	0	0	0	0	Yes
13275	WSA	N/A	0.00	0	0	0	N/A	1.53	2	0	0	0	0	Yes
13276	WSA	N/A	0.00	0	0	0	N/A	2.38	13	0	0	0	0	Yes
13278	WSA	N/A	7.81	636	4,977	30	N/A	1.04	92	272	1	0	0	Yes
13279	WHA	N/A	9.36	895	80,697	545	N/A	1.50	45	852	3	0	0	Yes
13280	WHA	N/A	2.78	89	3,883	58	N/A	0.40	13	666	2	0	0	Yes
13281	WHA	N/A	0.00	0	0	0	N/A	0.04	2	0	0	0	0	Yes
13282	WHA	N/A	0.00	0	0	0	N/A	0.11	3	0	0	0	0	Yes
13283	WHA	N/A	0.00	0	0	0	N/A	0.10	6	0	0	0	0	Yes
13288	WHA	N/A	1.11	84	46,970	203	N/A	1.98	117	831	6	0	1	Yes
13289	WHA	N/A	3.97	248	1,638	15	N/A	1.97	278	0	0	0	0	Yes
13290	WHA	N/A	5.04	552	12,222	126	N/A	1.29	332	22,850	139	0	0	Yes
13291	WHA	N/A	3.64	312	38,587	879	N/A	3.54	459	0	0	0	0	Yes
13292	WHA	N/A	2.80	281	254	10	N/A	1.72	156	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
2.69	0.26	0	0	0	2.43	103	45,556	1,187	2%	17.6
3.78	0.20	0	0	0	3.58	87	0	0	4%	30.5
1.63	0.03	0	0	0	1.60	5	467	330	9%	8.4
8.31	3.19	0	0	0	5.13	4	0	0	1%	17.3
10.90	3.73	0	0	0	7.17	68	265,651	2,858	1%	14.4
5.24	3.86	0	0	0	1.37	1	70,818	1,221	1%	12.9
5.98	3.64	0	0	0	2.35	1	42,742	602	3%	9.1
2.36	0.00	0	0	0	2.36	96	0	0	2%	19.7
3.58	0.10	0	0	0	3.48	84	0	0	1%	6.1
2.36	0.17	0	0	0	2.19	116	0	0	2%	17.1
0.00	0.00	0	0	0	0	0	0	0	0%	0
0.00	0.00	0	0	0	0	0	0	0	0%	0
0.00	0.00	0	0	0	0	0	0	0	0%	0
0.46	0.02	0	0	0	0.44	0	0	0	0%	0
12.60	0.28	0	0	0	12.32	144	0	0	0%	9
1.99	0.28	0	0	0	1.71	2	176,178	2,813	0%	5.6
0.29	0.29	0	0	0	0.00	0	0	0	0%	6.3
0.73	0.73	0	0	0	0.00	0	0	0	0%	5
1.11	1.11	0	0	0	0.00	0	0	0	1%	7.1
0.74	0.74	0	0	0	0.00	0	0	0	0%	6.3
0.00	0.00	0	0	0	0.00	0	0	0	-1%	0
0.15	0.15	0	0	0	0.00	0	0	0	4%	1.6
1.53	1.51	0	0	0	0.02	0	0	0	3%	7.6
0.53	0.53	0	0	0	0.00	0	0	0	0%	9.4
2.95	0.41	0	0	0	2.55	6	0	0	34%	21.5
1.50	0.09	0	0	0	1.41	0	0	0	-1%	1.6
1.38	0.07	0	0	0	1.31	8	0	0	0%	1.9
2.26	2.26	0	0	0	0.00	0	0	0	0%	6.7
1.69	1.69	0	0	0	0.00	0	0	0	0%	5
4.02	0.11	0	0	0	3.91	189	0	0	4%	9.4
5.81	0.99	0	0	0	4.82	194	112,184	2,476	3%	6.9
2.67	0.21	0	0	0	2.46	48	15,058	154	0%	6
1.01	1.00	0	0	0	0.01	0	0	0	1%	8.1
0.95	0.93	0	0	0	0.01	0	0	0	0%	8
1.04	1.03	0	0	0	0.00	0	0	0	1%	9.5
1.30	0.18	0	0	0	1.12	29	16,968	285	1%	15.7
2.96	0.17	0	0	0	2.78	84	0	0	1%	11
3.00	0.14	0	0	0	2.86	164	31,050	1,035	6%	24.1
1.63	0.00	0	0	0	1.63	16	0	0	0%	7.5
2.35	0.00	0	0	0	2.35	115	15,488	567	1%	6.4

(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	(O) Feeder Looped?
13293	WHA	N/A	8.37	893	20,444	95	N/A	2.44	366	0	0	0	0	Yes
13294	WHA	N/A	13.68	689	21,353	239	N/A	2.59	87	3,600	12	0	0	Yes
13295	WHA	N/A	2.78	265	1,770	10	N/A	11.14	898	19,670	149	0	0	Yes
13296	WHA	N/A	9.52	426	244,553	1,545	N/A	10.38	1,044	9,004	132	0	1	Yes
13297	WHA	N/A	6.02	535	292,234	2,211	N/A	5.85	714	38,741	279	0	0	Yes
13298	WHA	N/A	131.18	1,043	48,707	1,241	N/A	4.23	46	161	2	3	0	Yes
13299	WHA	N/A	17.80	531	119,150	1,314	N/A	16.25	827	104	1	0	0	Yes
13302	WHA	N/A	2.81	211	127,482	650	N/A	19.94	1,450	47,579	258	0	0	Yes
13303	SHA	N/A	109.17	1,647	659,269	2,338	N/A	5.40	379	863	10	31	2	Yes
13304	SHA	N/A	0.75	4	1,222	9	N/A	18.72	1,497	15,176	82	0	0	Yes
13305	SHA	N/A	25.04	583	95,289	513	N/A	14.63	261	21,312	69	0	0	Yes
13308	SHA	N/A	6.93	629	17,401	96	N/A	3.38	521	10,891	79	0	0	Yes
13309	WHA	N/A	3.56	343	14,600	84	N/A	0.40	39	0	0	0	0	Yes
13310	WHA	N/A	2.09	317	19,384	137	N/A	0.56	107	121	1	0	0	Yes
13311	WHA	N/A	5.69	599	12,616	53	N/A	0.53	104	0	0	0	0	Yes
13312	WHA	N/A	4.90	485	41,061	574	N/A	2.20	373	0	0	0	0	Yes
13313	WHA	N/A	2.63	303	2,721	32	N/A	1.19	107	2,794	68	0	0	Yes
13314	WHA	N/A	2.98	139	2,035	14	N/A	2.12	304	100	1	0	0	Yes
13315	WHA	N/A	0.00	0	0	0	N/A	0.29	18	0	0	0	0	Yes
13317	WHA	N/A	0.85	0	798	1	N/A	5.19	1,024	126	1	0	0	Yes
13318	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13319	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13320	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13321	WSA	N/A	0.00	0	0	0	N/A	1.67	5	0	0	0	0	Yes
13322	WSA	N/A	0.02	0	69	1	N/A	1.48	499	403	1	0	0	Yes
13323	WSA	N/A	1.78	217	688	5	N/A	0.96	49	64	1	0	0	Yes
13324	WSA	N/A	6.28	216	5,909	22	N/A	0.39	10	0	0	0	0	Yes
13325	ESA	N/A	1.94	14	864	5	N/A	0.54	11	0	0	0	0	Yes
13326	ESA	N/A	8.51	268	17,614	135	N/A	2.71	76	0	0	0	0	Yes
13327	ESA	N/A	2.71	22	200	1	N/A	1.20	6	0	0	0	0	Yes
13328	ESA	N/A	6.22	476	8,910	64	N/A	0.67	36	372	2	0	0	Yes
13329	DCA	N/A	8.10	542	37,293	389	N/A	0.55	62	0	0	0	1	Yes
13330	DCA	N/A	35.64	1,193	19,162	134	N/A	8.66	434	736	8	4	0	Yes
13331	DCA	N/A	27.41	1,128	75,070	703	N/A	4.11	150	1,134	3	34	3	Yes
13332	DCA	N/A	2.66	107	93,051	407	N/A	8.32	1,536	28,030	128	0	0	Yes
13333	WSA	N/A	1.53	124	3,758	36	N/A	2.51	334	0	0	0	0	Yes
13334	WSA	N/A	4.35	623	70,826	428	N/A	1.17	223	143	1	0	0	Yes
13335	WSA	N/A	1.95	34	6,387	37	N/A	2.61	25	0	0	0	0	Yes
13336	WSA	N/A	2.48	52	1,866	11	N/A	2.85	199	0	0	0	0	Yes
13337	WSA	N/A	2.80	207	7,648	38	N/A	4.63	1,904	10,178	167	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
3.49	0.07	0	0	0	3.41	140	57,323	1,423	7%	28.2
5.67	0.31	0	0	0	5.35	145	0	0	1%	12.4
4.01	0.91	0	0	0	3.10	45	0	0	1%	6.2
4.37	0.20	0	0	0	4.17	98	25,506	385	1%	10
3.81	0.12	0	0	0	3.70	151	0	0	0%	5.9
24.09	0.00	0	0	0	24.09	101	127,873	1,777	1%	9.6
8.77	3.33	0	0	0	5.44	54	71,510	815	0%	7
2.98	1.47	0	0	0	1.51	6	0	0	2%	19.1
6.03	0.20	0	0	0	5.83	44	532,397	9,323	3%	24.3
3.96	2.07	0	82,675	1,406	1.88	4	138,605	2,856	4%	28.7
6.52	1.53	0	0	0	4.99	48	81,023	1,644	2%	16.5
3.32	0.14	0	0	0	3.18	137	106,908	3,557	1%	18.5
1.80	0.04	0	0	0	1.76	49	0	0	2%	12.6
1.36	0.05	0	0	0	1.31	18	0	0	8%	26.1
2.98	0.06	0	0	0	2.92	140	0	0	0%	6.3
2.65	0.10	0	0	0	2.55	55	18,753	464	2%	9.3
2.00	0.45	0	0	0	1.54	38	0	0	6%	20.6
1.49	0.32	0	0	0	1.18	29	0	0	3%	15.5
0.58	0.58	0	0	0	0.00	0	0	0	0%	7.5
4.22	3.30	0	0	0	0.93	6	84,812	2,086	2%	13.7
1.21	1.21	0	0	0	0.00	0	0	0	-1%	0
0.92	0.92	0	0	0	0.00	0	0	0	-1%	0.2
1.14	1.14	0	0	0	0.00	0	0	0	-1%	0
1.88	1.88	0	0	0	0.00	0	0	0	0%	4.4
3.05	2.70	0	0	0	0.34	2	0	0	0%	7
1.90	0.82	0	0	0	1.08	65	0	0	0%	12.7
3.76	0.10	0	0	0	3.66	35	0	0	1%	8.7
1.65	0.11	0	0	0	1.54	10	0	0	3%	14
5.98	0.31	0	0	0	5.66	48	35,239	403	3%	8.2
1.28	0.00	0	0	0	1.28	7	0	0	0%	5.9
1.40	0.07	0	0	0	1.33	27	146,114	2,798	4%	19.2
2.89	0.06	0	0	0	2.83	127	110,226	1,451	1%	13.8
4.83	0.20	0	0	0	4.63	160	244,521	1,431	5%	14.4
3.90	0.11	0	0	0	3.79	106	112,000	3,200	4%	13.9
1.88	0.06	0	0	0	1.83	62	6,687	1,737	1%	6.7
2.25	0.18	0	0	0	2.07	78	0	0	1%	14.7
2.19	0.13	0	0	0	2.06	62	0	0	2%	9.2
0.88	0.18	0	0	0	0.70	4	4,389	131	1%	10.2
1.56	0.18	0	0	0	1.38	4	0	0	3%	17.5
2.70	0.17	0	0	0	2.53	164	0	0	0%	7.6

(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	(O) Feeder Looped?
13338	WSA	N/A	3.44	131	3,929	22	N/A	1.90	209	0	0	0	0	Yes
13339	WSA	N/A	0.48	2	30,492	105	N/A	5.38	1,254	0	0	0	0	Yes
13340	WSA	N/A	4.43	36	9,516	54	N/A	24.97	1,939	2,943	15	0	0	Yes
13341	SHA	N/A	6.27	158	46,449	687	N/A	19.29	1,835	17,827	132	0	0	Yes
13342	SHA	N/A	8.87	365	5,947	56	N/A	7.57	786	0	0	0	0	Yes
13343	SHA	N/A	0.04	0	0	0	N/A	18.62	1,509	0	0	0	0	Yes
13344	SHA	N/A	2.62	62	1,864	13	N/A	11.34	1,207	4,941	75	0	0	Yes
13346	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13348	SHA	N/A	3.74	562	17,984	142	N/A	5.61	1,717	6,311	43	1	0	Yes
13349	CSA	N/A	0.74	1	0	0	N/A	1.86	366	111	1	0	0	Yes
13350	CSA	N/A	0.15	63	11,389	100	N/A	1.68	370	11,895	65	0	0	Yes
13351	CSA	N/A	3.09	417	78,065	629	N/A	5.56	1,541	9,570	52	0	0	Yes
13352	CSA	N/A	1.03	105	12,216	75	N/A	5.19	1,451	11,222	88	0	0	Yes
13353	CSA	N/A	0.00	0	0	0	N/A	0.75	61	0	0	0	0	Yes
13354	CSA	N/A	2.14	118	1,316	6	N/A	6.14	1,436	10,134	53	0	0	Yes
13355	CSA	N/A	0.00	0	0	0	N/A	0.12	4	0	0	0	2	Yes
13358	CSA	N/A	4.27	890	161,211	578	N/A	1.42	566	1,577	14	0	0	Yes
13359	WSA	N/A	6.10	654	105,276	849	N/A	2.09	169	236	1	2	0	Yes
13360	WSA	N/A	0.08	6	0	0	N/A	0.05	34	0	0	0	0	Yes
13362	WSA	N/A	0.00	0	10,430	90	N/A	1.22	105	968	4	0	0	Yes
13363	CSA	N/A	0.62	20	0	0	N/A	5.56	2,219	0	0	0	1	Yes
13364	CSA	N/A	0.57	8	2,235	48	N/A	5.66	1,732	2,028	32	0	0	Yes
13365	CSA	N/A	2.08	338	21,192	263	N/A	7.47	893	26,322	142	0	0	Yes
13366	CSA	N/A	0.00	0	0	0	N/A	0.53	7	0	0	0	0	Yes
13367	CSA	N/A	1.11	37	1,310	7	N/A	8.79	2,170	1,989	3	0	0	Yes
13368	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	1	Yes
13369	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13370	CSA	N/A	8.53	749	41,658	258	N/A	5.00	417	32,095	78	2	0	Yes
13371	WHA	N/A	8.72	441	50,622	507	N/A	8.35	713	23,651	91	0	1	Yes
13372	WHA	N/A	2.37	233	2,836	32	N/A	1.09	56	64	1	0	0	Yes
13373	WHA	N/A	17.90	1,669	50,458	327	N/A	2.33	253	37,986	56	0	0	Yes
13374	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13375	WHA	N/A	0.01	0	0	0	N/A	0.03	0	0	0	0	4	Yes
13376	WSA	N/A	0.00	0	0	0	N/A	0.28	6	0	0	0	0	Yes
13377	WSA	N/A	4.15	918	23,995	260	N/A	2.04	166	2,000	21	5	0	Yes
13378	WSA	N/A	0.00	0	0	0	N/A	0.01	0	0	0	0	0	Yes
13379	WSA	N/A	6.36	860	21,746	156	N/A	1.41	117	39,821	541	9	0	Yes
13380	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13381	WSA	N/A	0.00	0	0	0	N/A	0.20	2	0	0	0	0	Yes
13382	WSA	N/A	0.00	0	0	0	N/A	0.10	0	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
3.34	0.14	0	0	0	3.21	29	0	0	5%	25.7
1.54	1.13	0	0	0	0.41	0	0	0	1%	7.9
11.46	5.74	0	0	0	5.72	15	10,892	3,680	1%	10.2
8.26	0.76	0	0	0	7.50	47	308,482	2,767	3%	15.7
5.22	0.12	0	0	0	5.10	46	45,674	1,107	0%	9.9
2.65	1.54	0	0	0	1.10	7	0	0	2%	12.4
5.19	1.50	0	0	0	3.69	10	0	0	0%	10.2
0.00	0.00	0	0	0	0.00	0	0	0	0%	6.9
2.74	0.35	0	0	0	2.39	207	0	0	0%	9.9
1.71	0.58	0	0	0	1.14	10	0	0	0%	9.6
0.71	0.40	0	0	0	0.31	6	0	0	0%	5.3
2.22	1.14	0	134,703	2,005	1.08	26	236,739	4,089	6%	20.3
1.90	0.86	0	4,239	122	1.04	43	74,531	1,596	13%	38.1
1.40	1.40	0	0	0	0.00	0	0	0	0%	3.9
2.22	0.07	0	0	0	2.15	53	76,543	1,746	1%	9.1
1.02	0.74	0	0	0	0.27	2	0	0	19%	23
2.25	0.68	0	0	0	1.58	214	0	0	1%	17.6
3.52	1.45	0	0	0	2.07	83	1,843	537	1%	9.8
1.63	0.78	0	0	0	0.85	2	0	0	0%	5.3
1.17	0.52	0	0	0	0.66	5	0	0	5%	35.4
1.42	0.27	0	0	0	1.15	15	0	0	209%	21.2
1.60	0.27	0	0	0	1.33	23	103,272	1,655	2%	21.3
5.36	1.79	0	0	0	3.58	14	0	0	2%	12.1
1.37	0.98	0	0	0	0.39	4	0	0	2%	10.6
1.75	0.29	0	0	0	1.46	11	0	0	2%	16.8
0.09	0.09	0	0	0	0.00	0	0	0	0%	6
0.15	0.15	0	0	0	0.00	0	0	0	0%	8.4
2.87	0.18	0	0	0	2.70	145	30,990	5,161	17%	23.8
2.81	0.34	0	0	0	2.48	56	0	0	3%	18.6
1.34	0.11	0	0	0	1.23	17	0	0	1%	15
6.16	0.89	0	0	0	5.27	237	69,505	2,188	1%	11.2
0.00	0.00	0	0	0	0.00	0	0	0	-1%	0
1.11	1.11	0	0	0	0.00	0	0	0	-1%	3.3
0.97	0.97	0	0	0	0.00	0	144	4	1%	4.1
3.05	0.85	0	0	0	2.20	79	0	0	7%	9.2
0.02	0.01	0	0	0	0.00	0	0	0	-1%	0.1
1.20	0.64	0	0	0	0.57	39	73,033	1,052	0%	8.8
0.00	0.00	0	0	0	0.00	0	0	0	-1%	0
0.49	0.49	0	0	0	0.00	0	0	0	-1%	0.9
0.96	0.96	0	0	0	0.00	0	0	0	3%	18.8

(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	(O) Feeder Looped?
13383	WSA	N/A	0.00	0	0	0	N/A	0.87	7	0	0	0	0	Yes
13384	WSA	N/A	0.01	0	0	0	N/A	0.02	5	0	0	0	0	Yes
13385	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13386	PCA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13387	PCA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13388	WSA	N/A	17.66	468	20,148	193	N/A	6.92	168	0	0	0	0	Yes
13389	PCA	N/A	17.10	881	41,814	249	N/A	1.59	53	0	0	0	4	Yes
13390	PCA	N/A	33.46	1,144	155,854	589	N/A	4.67	380	14,046	67	37	3	Yes
13391	PCA	N/A	48.03	1,082	103,146	375	N/A	7.12	334	8,910	22	10	0	Yes
13392	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13397	PCA	N/A	0.42	48	1,673	2	N/A	0.44	79	0	0	0	0	Yes
13398	CSA	N/A	0.47	13	1,160	7	N/A	0.91	818	640	11	0	0	Yes
13399	CSA	N/A	1.16	48	1,668	5	N/A	0.60	447	0	0	0	0	Yes
13400	CSA	N/A	2.57	68	20,912	128	N/A	2.04	914	0	0	0	0	Yes
13405	CSA	N/A	9.09	175	26,801	182	N/A	15.85	1,272	19,108	121	0	0	Yes
13406	WSA	N/A	1.32	30	17,570	334	N/A	5.82	261	1,472	26	0	1	Yes
13412	WSA	N/A	4.13	270	4,314	21	N/A	1.28	33	0	0	0	0	Yes
13414	PCA	N/A	9.54	690	76,350	982	N/A	1.68	114	0	0	0	0	Yes
13417	PCA	N/A	4.82	548	18,843	171	N/A	1.26	65	1,417	10	0	0	Yes
13418	CSA	N/A	9.18	1,121	21,359	220	N/A	0.64	191	0	0	0	0	Yes
13419	CSA	N/A	10.60	1,351	101,143	419	N/A	0.62	69	6,127	14	0	2	Yes
13420	CSA	N/A	3.94	387	11,718	84	N/A	5.35	1,418	0	0	0	0	Yes
13422	CSA	N/A	29.30	877	145,586	641	N/A	8.79	418	135	1	0	0	Yes
13423	DCA	N/A	28.32	627	18,738	99	N/A	3.87	525	12,099	21	0	0	Yes
13425	DCA	N/A	0.08	1	50,697	162	N/A	9.49	1,014	116,106	695	0	0	Yes
13426	WSA	N/A	5.72	387	29,201	294	N/A	12.00	1,332	57,665	326	0	0	Yes
13427	WSA	N/A	0.00	1	0	0	N/A	3.96	284	2,520	6	0	1	Yes
13428	WSA	N/A	1.30	51	4,385	11	N/A	8.83	1,150	126,084	659	0	1	Yes
13431	WSA	N/A	38.20	690	48,668	461	N/A	10.83	420	7,259	60	0	0	Yes
13432	DCA	N/A	3.88	56	1,120	11	N/A	17.56	607	2,678	9	0	1	Yes
13433	DCA	N/A	9.01	270	33,017	146	N/A	3.54	240	0	0	0	0	Yes
13434	ESA	N/A	9.79	798	72,866	1,035	N/A	4.34	555	14,636	88	0	1	Yes
13435	ESA	N/A	8.29	372	8,721	82	N/A	1.92	365	0	0	0	0	Yes
13436	ESA	N/A	7.30	361	62,490	263	N/A	2.62	192	0	0	0	0	Yes
13438	ESA	N/A	1.00	96	252	1	N/A	22.49	2,952	8,613	50	0	0	Yes
13439	SHA	N/A	2.85	315	29,899	338	N/A	7.00	509	8,146	70	0	0	Yes
13440	SHA	N/A	3.53	7	936	6	N/A	6.42	443	0	0	0	0	Yes
13442	SHA	N/A	13.80	574	7,888	108	N/A	20.72	1,432	13,987	54	0	0	Yes
13443	WHA	N/A	9.50	584	12,362	109	N/A	7.86	862	22,322	144	0	0	Yes
13444	WHA	N/A	4.01	337	11,310	72	N/A	1.61	194	6,769	19	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.19	1.19	0	0	0	0.00	0	208	4	0%	4.8
0.82	0.82	0	0	0	0.00	0	0	0	1%	6
0.03	0.02	0	0	0	0.00	0	0	0	-1%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
4.93	0.89	0	0	0	4.03	98	45,367	621	2%	17.2
6.29	0.04	0	0	0	6.26	171	198,097	3,219	6%	28.4
6.50	0.30	0	0	0	6.20	213	128,634	4,397	1%	12.6
10.24	1.45	0	0	0	8.79	179	0	0	3%	25.3
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
1.04	0.07	0	0	0	0.96	51	0	0	5%	12.9
1.64	1.39	0	0	0	0.25	3	2,200	841	2%	6.6
0.67	0.54	0	0	0	0.13	8	0	0	1%	3.4
2.47	1.10	0	0	0	1.36	32	0	0	0%	6.4
5.92	3.22	0	0	0	2.70	25	0	0	5%	9.6
4.37	0.37	0	14,384	318	4.00	31	0	0	4%	16.6
4.52	0.05	0	0	0	4.47	68	29,310	752	2%	20.8
2.69	0.04	0	0	0	2.65	122	75,401	907	0%	5.8
3.24	0.39	0	0	0	2.85	155	0	0	1%	8.4
1.84	0.11	0	0	0	1.74	150	18,043	1,512	0%	6.2
1.64	0.14	0	0	0	1.49	132	0	0	1%	11
2.13	0.10	0	0	0	2.03	112	143,731	5,842	1%	12.5
7.88	0.15	0	0	0	7.73	114	473,535	8,826	1%	12.6
2.71	0.18	0	0	0	2.53	63	165,029	2,246	1%	5.8
0.94	0.14	0	0	0	0.81	5	49,166	1,034	3%	19.6
1.15	0.07	0	0	0	1.07	15	93,217	1,244	0%	9.8
0.16	0.08	0	0	0	0.09	0	0	0	3%	4.3
2.89	0.35	0	0	0	2.54	61	0	0	2%	13
5.13	0.78	0	0	0	4.36	86	99,057	1,654	2%	17
2.35	0.00	0	0	0	2.35	41	50,081	703	2%	16.8
3.48	0.25	0	0	0	3.23	53	25,644	1,176	1%	11.5
4.25	0.10	0	0	0	4.15	203	0	0	2%	23.2
3.65	0.12	0	0	0	3.52	55	0	0	1%	11.1
3.24	0.12	0	0	0	3.12	153	0	0	1%	8.6
5.41	3.54	0	0	0	1.87	13	0	0	0%	8.6
4.06	0.65	0	0	0	3.41	150	40,806	980	3%	20.8
5.52	0.57	0	0	0	4.95	14	0	0	5%	22.8
2.89	0.14	0	0	0	2.75	80	76,949	4,088	1%	17.3
3.17	0.04	0	0	0	3.13	68	0	0	5%	23.2
2.48	0.23	0	0	0	2.25	116	0	0	4%	14.5

(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	(O) Feeder Looped?
13446	WHA	N/A	0.01	4	0	0	N/A	0.68	89	0	0	0	0	Yes
13447	WSA	N/A	1.64	49	27,668	82	N/A	1.08	47	0	0	0	0	Yes
13448	WSA	N/A	1.33	104	13,336	36	N/A	1.85	457	2,051	51	0	0	Yes
13449	WSA	N/A	2.74	239	1,374	10	N/A	1.17	167	9,150	62	0	0	Yes
13450	WSA	N/A	0.66	26	159	2	N/A	1.72	60	0	0	0	0	Yes
13451	WSA	N/A	0.17	1	4,417	22	N/A	2.47	92	12,641	112	0	0	Yes
13452	WSA	N/A	0.19	5	0	0	N/A	0.18	5	0	0	0	0	Yes
13453	WSA	N/A	0.35	5	127	2	N/A	4.92	23	1,295	8	0	0	Yes
13454	WSA	N/A	4.26	230	49,172	567	N/A	12.24	1,399	61,401	267	0	0	Yes
13455	ESA	N/A	2.95	195	36,436	395	N/A	3.05	749	11,706	75	0	0	Yes
13456	ESA	N/A	1.74	137	39,347	389	N/A	3.01	788	6,120	34	0	1	Yes
13457	ESA	N/A	2.21	106	9,136	100	N/A	5.14	671	8,158	81	0	1	Yes
13458	ESA	N/A	14.87	432	16,511	84	N/A	4.24	79	0	0	1	0	Yes
13459	ESA	N/A	10.70	331	46,508	142	N/A	12.12	474	5,670	45	1	1	Yes
13460	ESA	N/A	37.73	890	259,599	1,459	N/A	3.23	222	2,407	28	3	0	Yes
13461	ESA	N/A	27.10	911	6,984	67	N/A	7.06	222	896	8	20	0	Yes
13462	ESA	N/A	4.44	220	6,383	66	N/A	9.14	716	1,645	7	0	0	Yes
13463	PCA	N/A	1.53	225	34,770	351	N/A	0.20	15	0	0	0	0	Yes
13464	PCA	N/A	3.77	251	1,260	17	N/A	1.08	168	0	0	0	0	Yes
13466	PCA	N/A	2.21	180	5,760	46	N/A	0.76	68	0	0	0	0	Yes
13467	CSA	N/A	0.00	0	0	0	N/A	0.24	3	0	0	0	0	Yes
13468	CSA	N/A	5.68	652	67,841	377	N/A	2.68	718	50,041	235	1	1	Yes
13469	CSA	N/A	2.02	96	1,906	21	N/A	7.02	642	46,352	107	0	0	Yes
13470	CSA	N/A	38.40	2,018	27,191	237	N/A	5.75	266	506	10	0	0	Yes
13471	WHA	N/A	3.73	333	45,355	132	N/A	2.84	289	0	0	0	0	Yes
13473	WHA	N/A	9.63	532	119,707	324	N/A	2.38	161	0	0	0	0	Yes
13479	WHA	N/A	9.17	417	20,584	119	N/A	3.97	279	7,464	36	0	0	Yes
13480	WHA	N/A	0.76	9	21,327	175	N/A	11.50	1,596	14,740	64	0	0	Yes
13481	WSA	N/A	0.00	0	9,376	74	N/A	6.51	748	18,368	208	0	0	Yes
13482	WSA	N/A	0.85	11	396	1	N/A	15.62	1,566	37,714	219	0	0	Yes
13483	WSA	N/A	2.80	355	1,920	14	N/A	14.57	1,188	28,780	327	0	0	Yes
13484	WSA	N/A	0.20	4	8,675	70	N/A	10.52	1,379	115,136	416	0	0	Yes
13485	WSA	N/A	2.93	118	51,942	526	N/A	7.30	736	53,947	407	0	2	Yes
13488	WSA	N/A	0.94	82	28,149	166	N/A	18.88	2,492	12,628	63	0	0	Yes
13489	SHA	N/A	6.07	250	2,078	22	N/A	3.43	187	6,251	43	0	0	Yes
13490	SHA	N/A	2.84	399	12,912	152	N/A	3.56	414	0	0	0	0	Yes
13491	WSA	N/A	2.78	98	18,631	154	N/A	9.77	1,574	13,198	66	0	0	Yes
13492	WSA	N/A	5.24	543	55,540	432	N/A	2.46	220	4,611	24	0	0	Yes
13493	WSA	N/A	2.16	249	3,534	10	N/A	3.70	312	0	0	0	0	Yes
13494	WSA	N/A	0.32	2	0	0	N/A	3.45	411	6,264	54	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.25	1.25	0	0	0	0.00	0	0	0	2%	7.8
0.92	0.13	0	0	0	0.78	17	1,078	105	1%	12.6
1.15	0.68	0	0	0	0.47	17	0	0	1%	5.4
1.67	0.89	0	0	0	0.78	26	0	0	7%	42.5
2.22	1.00	0	0	0	1.23	39	3,066	116	1%	14.7
1.19	0.31	0	0	0	0.89	11	0	0	6%	30.6
0.76	0.15	0	0	0	0.61	28	0	0	3%	4.1
3.39	2.92	0	0	0	0.47	11	2,427	24	0%	7.1
2.31	0.12	0	0	0	2.19	39	385,066	11,027	2%	18.1
2.08	0.13	0	0	0	1.95	37	0	0	1%	9.1
2.47	0.70	0	0	0	1.77	36	0	0	2%	15.6
2.55	0.07	0	0	0	2.48	66	27,778	860	2%	11.5
8.25	0.58	0	0	0	7.67	91	175,949	2,775	2%	7.5
6.38	1.68	0	0	0	4.70	103	41,090	847	0%	5.7
7.27	0.12	0	0	0	7.15	70	245,315	6,195	4%	22.2
6.90	0.17	0	0	0	6.73	103	39,893	615	1%	10.5
3.95	0.29	0	0	0	3.66	71	0	0	1%	20.6
2.94	0.02	0	0	0	2.92	68	8,217	307	30%	38.8
1.76	0.10	0	0	0	1.66	58	0	0	16%	36.2
1.76	0.12	0	0	0	1.64	68	0	0	1%	7
1.89	1.88	0	0	0	0.02	0	0	0	2%	5.1
2.64	0.10	0	0	0	2.55	90	0	0	3%	20
4.03	0.48	0	0	0	3.55	53	0	0	0%	8.5
6.62	0.26	0	0	0	6.36	147	0	0	0%	9.6
3.37	0.22	0	0	0	3.15	76	0	0	1%	6.9
2.45	0.03	0	0	0	2.42	55	26,168	2,093	1%	7.8
4.80	0.05	0	0	0	4.75	96	27,532	956	1%	8.8
0.99	0.05	0	0	0	0.94	6	70,980	3,331	0%	6.9
5.65	2.64	0	0	0	3.01	3	0	0	1%	6.3
2.41	0.56	0	0	0	1.85	6	0	0	0%	7.6
1.95	1.65	0	0	0	0.30	3	32,141	167	0%	8.7
3.78	0.73	0	0	0	3.06	23	0	0	0%	5.6
2.56	0.16	0	0	0	2.40	18	43,395	861	0%	6.8
3.40	0.83	0	0	0	2.57	205	0	0	0%	9.5
4.58	0.82	0	0	0	3.76	66	0	0	2%	12.3
1.93	0.07	0	0	0	1.86	93	0	0	1%	9.5
2.78	0.13	0	0	0	2.65	48	0	0	2%	13.7
2.02	0.28	0	0	0	1.74	37	0	0	0%	7.7
1.98	0.38	0	0	0	1.60	90	56,356	597	2%	7.9
2.45	0.86	0	0	0	1.59	8	0	0	2%	7.5

(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	(O) Feeder Looped?
13495	SHA	N/A	16.43	1,015	194,533	1,982	N/A	5.89	676	1,500	24	4	0	Yes
13496	ESA	N/A	1.10	70	5,976	37	N/A	1.95	123	1,080	1	0	0	Yes
13497	CSA	N/A	0.00	0	0	0	N/A	1.17	124	0	0	0	0	Yes
13498	CSA	N/A	0.00	0	0	0	N/A	0.40	1	0	0	0	0	Yes
13499	CSA	N/A	0.09	0	540	4	N/A	0.74	47	0	0	0	0	Yes
13500	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13501	CSA	N/A	0.90	13	346	1	N/A	1.98	59	4,187	34	0	0	Yes
13502	ESA	N/A	3.95	189	20,559	356	N/A	8.71	1,427	2,824	11	0	0	Yes
13504	ESA	N/A	0.18	3	181	1	N/A	1.25	12	0	0	0	0	Yes
13505	ESA	N/A	3.30	178	2,078	16	N/A	5.22	828	116	1	0	0	Yes
13506	ESA	N/A	2.58	80	2,404	46	N/A	4.16	556	0	0	0	0	Yes
13507	ESA	N/A	0.02	0	0	0	N/A	1.91	30	0	0	0	0	Yes
13509	ESA	N/A	6.87	285	66,431	338	N/A	10.66	1,219	19,553	95	0	0	Yes
13510	ESA	N/A	3.47	357	11,761	58	N/A	8.22	1,097	10,374	79	0	0	Yes
13511	WSA	N/A	3.35	378	9,273	52	N/A	4.02	292	13,006	38	0	0	Yes
13512	WSA	N/A	3.53	422	9,052	35	N/A	7.83	1,354	58,183	481	0	0	Yes
13513	WSA	N/A	0.86	25	12,318	139	N/A	1.48	240	0	0	0	0	Yes
13514	WSA	N/A	1.90	221	7,440	34	N/A	3.42	344	0	0	0	0	Yes
13516	WSA	N/A	4.02	477	14,514	54	N/A	3.75	361	114	1	0	0	Yes
13517	WSA	N/A	4.20	432	7,104	165	N/A	3.36	1,007	78	1	0	0	Yes
13518	WSA	N/A	0.37	25	0	0	N/A	0.25	2	0	0	0	0	Yes
13519	WSA	N/A	0.49	10	36,046	156	N/A	0.12	88	0	0	0	0	Yes
13520	WSA	N/A	1.34	132	0	0	N/A	2.31	401	6,284	87	0	0	Yes
13521	WSA	N/A	0.01	0	83	2	N/A	1.56	15	245	6	0	0	Yes
13522	WSA	N/A	10.80	1,334	10,994	90	N/A	0.55	174	71	2	0	0	Yes
13523	WSA	N/A	4.31	550	17,067	87	N/A	0.05	2	0	0	0	0	Yes
13524	WSA	N/A	0.90	108	2,641	42	N/A	1.25	100	0	0	0	0	Yes
13526	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13530	WSA	N/A	5.51	852	41,043	219	N/A	0.00	0	0	0	0	0	Yes
13531	WSA	N/A	2.72	61	9,587	80	N/A	3.85	142	39,568	174	0	0	Yes
13532	WSA	N/A	4.23	346	1,365	14	N/A	1.04	68	556	3	0	0	Yes
13533	WSA	N/A	2.37	239	13,754	135	N/A	6.19	1,476	0	0	0	0	Yes
13535	WSA	N/A	5.29	283	33,889	239	N/A	14.99	1,773	144	2	0	0	Yes
13538	WSA	N/A	0.23	5	3,786	17	N/A	13.63	893	6,569	37	0	0	Yes
13539	WSA	N/A	0.84	13	9,761	49	N/A	11.88	1,012	8,971	41	0	0	Yes
13540	WSA	N/A	0.21	5	1,959	18	N/A	6.74	692	14,413	126	0	0	Yes
13541	WSA	N/A	0.00	0	0	0	N/A	14.96	983	3,620	42	0	0	Yes
13544	WSA	N/A	0.88	48	441	6	N/A	4.36	631	0	0	0	0	Yes
13546	WSA	N/A	7.24	300	8,326	39	N/A	2.35	47	0	0	0	0	Yes
13547	CSA	N/A	3.96	287	173	3	N/A	1.37	20	259	2	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
6.15	0.17	0	0	0	5.98	136	211,438	2,683	1%	22.7
3.52	1.65	0	0	0	1.87	12	36,684	718	3%	21
2.59	2.19	0	0	0	0.40	4	0	0	1%	9.7
0.77	0.77	0	0	0	0.00	0	0	0	0%	6.3
3.23	1.63	0	0	0	1.59	3	0	0	0%	9.3
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
2.05	0.21	0	6,497	82	1.84	9	4,249	83	4%	20
3.55	1.16	0	0	0	2.39	57	0	0	1%	16
2.13	1.30	0	0	0	0.83	2	0	0	1%	9.9
2.83	1.36	0	0	0	1.47	45	0	0	1%	10.3
3.04	1.30	0	0	0	1.74	23	0	0	1%	8.1
1.55	1.38	0	0	0	0.17	0	0	0	2%	15.2
4.32	0.92	0	0	0	3.40	47	0	0	2%	18.8
1.85	0.07	0	0	0	1.78	37	0	0	1%	12.1
2.33	0.39	0	0	0	1.94	95	0	0	0%	7.3
2.28	0.29	0	0	0	2.00	33	0	0	3%	24.1
0.94	0.56	0	0	0	0.39	9	1,130	285	0%	6.5
3.37	0.11	0	0	0	3.26	39	0	0	1%	7.8
1.94	0.11	0	0	0	1.83	74	0	0	0%	6.2
1.75	0.07	0	0	0	1.69	19	54,090	1,486	0%	8.6
1.13	0.16	0	0	0	0.97	55	0	0	1%	6.9
0.99	0.02	0	0	0	0.97	59	1,099	163	4%	5
2.22	0.52	0	0	0	1.70	50	0	0	1%	7.5
0.57	0.25	0	0	0	0.31	9	0	0	1%	6.4
1.52	0.42	0	0	0	1.11	142	155,161	3,172	1%	13.6
1.82	0.23	0	0	0	1.59	212	0	0	2%	10
1.26	0.33	0	0	0	0.93	58	0	0	3%	27
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.82	0.18	0	0	0	0.64	0	0	0	1%	7.2
3.07	0.84	0	0	0	2.23	31	63,779	699	6%	26.3
1.94	0.04	0	0	0	1.90	48	36,875	920	0%	5.9
2.86	0.02	0	0	0	2.84	101	123,599	1,837	2%	16.4
2.14	0.08	0	0	0	2.06	98	0	0	0%	8.4
2.54	1.15	0	0	0	1.39	13	0	0	0%	8.3
2.02	0.12	0	0	0	1.91	11	0	0	0%	5.7
1.95	0.08	0	0	0	1.87	4	0	0	3%	10.1
1.45	1.45	0	0	0	0.00	0	0	0	0%	5.7
2.09	0.06	0	0	0	2.02	9	0	0	2%	9
4.40	0.33	0	11,526	130	4.07	73	92,790	1,247	0%	11.4
3.47	0.15	0	0	0	3.31	74	70,569	798	3%	10.6

(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	(O) Feeder Looped?
13551	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13552	CSA	N/A	2.74	47	3,134	10	N/A	1.09	21	0	0	0	0	Yes
13553	CSA	N/A	0.00	0	0	0	N/A	1.52	0	0	0	0	0	Yes
13554	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13560	CSA	N/A	0.00	0	0	0	N/A	0.95	2	0	0	0	0	Yes
13561	CSA	N/A	0.00	0	0	0	N/A	1.03	1	0	0	0	0	Yes
13562	CSA	N/A	0.00	0	0	0	N/A	1.40	1	0	0	0	0	Yes
13563	CSA	N/A	0.00	0	0	0	N/A	0.89	3	0	0	0	0	Yes
13564	CSA	N/A	0.00	0	0	0	N/A	0.49	4	0	0	0	0	Yes
13565	CSA	N/A	0.00	0	0	0	N/A	0.90	2	0	0	0	0	Yes
13566	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13567	CSA	N/A	0.00	0	0	0	N/A	0.03	0	0	0	0	0	Yes
13572	CSA	N/A	0.76	64	772	1	N/A	9.28	933	41,711	367	0	0	Yes
13573	WSA	N/A	1.18	17	12,518	69	N/A	10.23	1,039	212,360	2,009	0	0	Yes
13574	WSA	N/A	3.00	232	2,232	13	N/A	5.49	592	4,949	12	0	0	Yes
13575	WSA	N/A	0.45	14	11,293	76	N/A	5.43	588	11,050	137	0	0	Yes
13576	WSA	N/A	2.93	216	26,292	114	N/A	13.80	1,402	16,010	70	0	1	Yes
13577	ESA	N/A	2.90	222	3,648	42	N/A	8.78	700	6,767	54	0	0	Yes
13579	ESA	N/A	6.18	179	1,705	8	N/A	17.54	1,356	12,260	78	0	0	Yes
13582	ESA	N/A	5.99	170	26,687	202	N/A	15.28	1,006	2,627	32	0	0	Yes
13583	WSA	N/A	4.69	114	1,384	10	N/A	6.77	375	18,608	180	0	0	Yes
13584	WSA	N/A	0.19	1	285	1	N/A	10.33	941	0	0	0	0	Yes
13585	WSA	N/A	0.51	16	4,853	54	N/A	7.09	1,381	36,646	258	0	0	Yes
13586	WSA	N/A	8.01	217	12,202	65	N/A	12.91	997	9,995	90	0	0	Yes
13587	WSA	N/A	1.70	7	14,926	50	N/A	13.66	2,136	62,182	306	0	0	Yes
13589	WSA	N/A	0.51	10	0	0	N/A	9.70	966	2,744	37	0	0	Yes
13590	WSA	N/A	3.20	356	70,211	455	N/A	2.83	1,182	3,364	59	0	0	Yes
13591	CSA	N/A	8.10	1,029	24,357	99	N/A	1.68	492	8,248	46	0	0	Yes
13592	CSA	N/A	7.72	1,164	25,601	245	N/A	0.64	15	0	0	0	0	Yes
13593	CSA	N/A	5.62	582	65,879	588	N/A	1.28	81	499	2	1	0	Yes
13600	CSA	N/A	6.14	549	14,187	127	N/A	1.71	453	0	0	0	0	Yes
13605	CSA	N/A	2.61	324	16,927	207	N/A	1.75	285	0	0	0	0	Yes
13606	WSA	N/A	0.74	30	258	5	N/A	0.39	179	0	0	0	0	Yes
13607	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13608	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13610	WSA	N/A	5.84	618	11,958	45	N/A	1.66	647	0	0	1	0	Yes
13611	WSA	N/A	3.24	355	28,141	105	N/A	0.20	394	0	0	0	0	Yes
13612	WSA	N/A	7.73	984	58,948	268	N/A	1.02	322	0	0	0	0	Yes
13613	WSA	N/A	5.36	710	16,760	68	N/A	0.86	274	0	0	0	0	Yes
13614	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	1	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
0.40	0.12	0	0	0	0.29	1	1	1	1%	5.9
1.95	0.06	0	0	0	1.89	5	0	0	5%	16.5
0.35	0.35	0	0	0	0.00	0	0	0	2%	7.4
0.32	0.32	0	0	0	0.00	0	0	0	1%	8.9
1.55	1.55	0	0	0	0.00	0	0	0	1%	4
3.00	3.00	0	0	0	0.00	0	0	0	1%	4
2.00	2.00	0	0	0	0.00	0	0	0	0%	4.3
1.70	1.70	0	0	0	0.00	0	0	0	1%	4.4
2.03	2.03	0	0	0	0.00	0	0	0	1%	5.3
2.04	2.04	0	0	0	0.00	0	0	0	1%	4
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.53	0.53	0	0	0	0.00	0	0	0	0%	1
1.13	0.21	0	0	0	0.92	8	0	0	0%	4
1.21	0.30	0	0	0	0.91	5	0	0	0%	4.9
1.89	0.16	0	0	0	1.73	51	0	0	0%	5.3
1.04	0.12	0	0	0	0.93	17	59,419	634	1%	5.4
4.80	0.40	0	0	0	4.40	127	201,920	1,600	0%	9.6
3.33	0.00	0	0	0	3.33	90	45,618	1,010	2%	12.7
3.32	0.15	0	0	0	3.16	85	0	0	1%	10.2
6.53	2.72	0	0	0	3.81	30	50,913	2,318	1%	18.9
3.29	0.22	0	0	0	3.06	11	71,591	1,511	4%	24.9
2.14	0.05	0	0	0	2.09	8	0	0	1%	7.5
1.63	0.44	0	0	0	1.19	11	60,743	1,411	0%	9.3
3.36	0.70	0	0	0	2.66	29	0	0	0%	8.5
3.01	1.13	0	0	0	1.88	6	7,701	2,254	0%	10.6
4.58	1.89	0	0	0	2.69	6	85,796	992	0%	6.1
3.13	0.03	0	0	0	3.09	157	0	0	1%	10.7
4.46	0.14	0	0	0	4.33	236	0	0	0%	9.6
2.01	0.13	0	0	0	1.88	84	59,835	1,535	1%	9.6
2.55	0.14	0	0	0	2.41	115	0	0	1%	6.4
1.53	0.14	0	0	0	1.38	51	52,661	902	1%	10.2
0.86	0.20	0	0	0	0.66	21	0	0	1%	5.8
1.45	0.05	0	0	0	1.41	65	0	0	67%	49.6
0.00	0.00	0	0	0	0.00	0	0	0	0%	8.6
0.00	0.00	0	0	0	0.00	0	0	0	0%	19.1
1.31	0.23	0	0	0	1.09	53	0	0	1%	11.2
0.91	0.16	0	0	0	0.75	20	0	0	1%	5.1
1.35	0.14	0	0	0	1.21	43	0	0	0%	6.8
1.49	0.26	0	0	0	1.23	87	0	0	2%	9.1
0.00	0.00	0	0	0	0.00	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	(O) Feeder Looped?
13621	WSA	N/A	13.99	414	44,835	350	N/A	8.34	361	0	0	0	0	Yes
13622	WSA	N/A	22.22	730	223,369	1,136	N/A	8.49	376	2,430	53	3	1	Yes
13624	WSA	N/A	16.80	382	16,560	163	N/A	9.89	270	0	0	0	0	Yes
13630	WSA	N/A	5.84	646	163,817	1,242	N/A	1.59	300	5,689	11	5	0	Yes
13631	WSA	N/A	5.50	423	42,000	278	N/A	9.74	935	9,658	45	0	0	Yes
13632	CSA	N/A	5.28	425	140,915	471	N/A	0.56	116	0	0	0	0	Yes
13633	CSA	N/A	2.37	91	9,479	28	N/A	6.42	889	13,194	67	0	0	Yes
13635	CSA	N/A	0.08	0	174	3	N/A	2.65	28	0	0	0	0	Yes
13636	CSA	N/A	0.04	0	0	0	N/A	0.58	9	0	0	0	0	Yes
13637	WSA	N/A	1.14	45	206	2	N/A	0.75	92	1,603	15	0	0	Yes
13638	WSA	N/A	2.27	202	1,890	33	N/A	0.96	132	0	0	0	0	Yes
13639	WSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13640	WSA	N/A	0.00	0	0	0	N/A	2.37	10	0	0	0	0	Yes
13641	WSA	N/A	0.00	0	0	0	N/A	1.13	14	0	0	0	0	Yes
13642	WSA	N/A	0.00	0	0	0	N/A	0.32	2	0	0	0	0	Yes
13643	WSA	N/A	0.00	0	0	0	N/A	0.59	10	0	0	0	0	Yes
13645	WSA	N/A	7.15	160	40,407	436	N/A	24.30	2,305	156,478	1,852	10	0	Yes
13646	WSA	N/A	0.16	0	446	1	N/A	15.79	1,447	429	1	0	0	Yes
13647	SHA	N/A	1.20	68	207	1	N/A	22.21	1,883	11,077	52	0	0	Yes
13648	SHA	N/A	18.84	393	45,333	308	N/A	7.67	328	0	0	0	0	Yes
13649	SHA	N/A	4.93	300	276	5	N/A	2.61	265	0	0	0	0	Yes
13650	SHA	N/A	0.00	0	74	1	N/A	10.37	993	0	0	0	0	Yes
13651	SHA	N/A	3.19	147	3,984	78	N/A	14.57	1,621	2,042	23	0	0	Yes
13652	SHA	N/A	4.15	182	15,238	176	N/A	17.27	760	1,040	3	0	1	Yes
13655	SHA	N/A	7.41	302	30,586	174	N/A	6.38	577	0	0	0	0	Yes
13656	SHA	N/A	39.54	1,095	26,481	160	N/A	9.41	559	198	1	9	0	Yes
13657	PCA	N/A	35.33	749	29,517	242	N/A	8.23	284	925	8	0	0	Yes
13659	PCA	N/A	5.03	110	33,130	312	N/A	11.03	798	15,709	84	0	0	Yes
13660	PCA	N/A	1.56	36	0	0	N/A	1.09	137	15,841	106	0	0	Yes
13661	WHA	N/A	7.92	349	32,910	448	N/A	16.53	1,167	503	4	0	0	Yes
13668	WHA	N/A	9.12	288	10,738	59	N/A	16.10	1,185	8,218	50	0	0	Yes
13669	WHA	N/A	2.60	162	3,696	38	N/A	10.18	1,072	0	0	0	0	Yes
13670	PCA	N/A	1.21	5	30,726	342	N/A	7.16	608	39,092	205	0	0	Yes
13671	WSA	N/A	0.11	0	109	1	N/A	11.67	1,613	42,492	307	0	0	Yes
13672	WSA	N/A	4.04	263	55,743	521	N/A	11.64	2,349	26,586	58	0	0	Yes
13673	WSA	N/A	1.07	6	311	2	N/A	10.40	1,012	0	0	0	1	Yes
13674	WSA	N/A	1.04	4	4,877	34	N/A	9.99	1,223	16,194	66	0	0	Yes
13677	WSA	N/A	4.04	80	866	2	N/A	17.69	831	14,118	41	0	0	Yes
13678	WSA	N/A	4.90	100	4,477	16	N/A	16.16	2,060	41,040	326	0	0	Yes
13679	WSA	N/A	9.37	326	32,799	300	N/A	15.99	834	3,706	9	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
2.38	0.03	0	0	0	2.35	18	52,447	525	2%	19.2
2.98	0.06	0	0	0	2.92	25	0	0	1%	12.7
3.37	0.04	0	0	0	3.33	40	51,661	1,412	2%	13.7
3.71	0.33	0	0	0	3.38	218	131,754	1,633	1%	10.7
2.29	0.31	0	0	0	1.99	90	107,931	2,102	2%	17.3
2.15	0.09	0	0	0	2.07	89	36,607	723	1%	5.6
3.62	0.15	0	0	0	3.46	118	0	0	0%	7.7
2.92	1.39	0	1,762	40	1.53	9	3,670	70	0%	9.2
1.88	0.74	0	0	0	1.14	5	0	0	0%	6.9
2.05	0.28	0	0	0	1.77	26	0	0	4%	6.3
1.86	0.51	0	0	0	1.35	30	0	0	3%	7.3
0.42	0.42	0	0	0	0.00	0	0	0	-1%	0
3.17	3.17	0	0	0	0.00	0	0	0	0%	10.6
3.51	3.51	0	0	0	0.00	0	0	0	3%	7.6
2.60	2.60	0	0	0	0.00	0	0	0	0%	5.9
2.71	2.71	0	0	0	0.00	0	0	0	-25%	3.2
5.99	1.56	0	0	0	4.43	30	0	0	1%	19.5
4.70	1.57	0	0	0	3.13	7	12,940	2,632	1%	18.7
4.89	4.12	0	0	0	0.77	13	0	0	0%	9.6
4.61	0.05	0	0	0	4.56	89	93,517	1,614	2%	14
1.72	0.12	0	0	0	1.60	44	0	0	3%	10.5
2.89	1.66	0	0	0	1.22	2	0	0	0%	6.5
6.54	1.55	0	0	0	4.99	48	0	0	1%	18.8
5.07	2.34	0	0	0	2.73	17	35,587	820	1%	23.5
3.21	0.08	0	0	0	3.12	66	30,897	926	1%	8.2
8.85	0.34	0	0	0	8.51	153	306,470	8,680	0%	8.6
3.50	0.17	0	0	0	3.33	109	2,519	1,163	1%	11.9
2.84	0.03	0	0	0	2.81	60	0	0	1%	10.3
2.88	0.17	0	0	0	2.71	6	0	0	3%	4.7
4.75	1.18	0	31,336	451	3.58	44	78,916	1,579	0%	11
3.11	1.99	0	1,880	1,504	1.13	20	12,107	297	0%	7.4
2.30	0.27	0	0	0	2.02	37	0	0	4%	21.8
0.90	0.11	0	0	0	0.79	1	0	0	1%	6.6
3.17	1.73	0	0	0	1.44	20	150,138	1,659	0%	8.8
4.34	0.83	0	0	0	3.50	17	0	0	0%	9.3
3.19	1.04	0	0	0	2.14	9	56,381	1,032	0%	6.9
4.27	1.45	0	0	0	2.82	10	0	0	1%	10.9
6.31	3.58	0	0	0	2.72	15	33,900	985	1%	10.6
3.11	0.29	0	0	0	2.82	15	75,568	2,215	2%	24.7
4.86	0.47	0	0	0	4.38	72	210,235	2,064	2%	23.2

(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	(O) Feeder Looped?
13685	WSA	N/A	2.42	99	45,138	614	N/A	17.65	1,269	2,594	23	0	1	Yes
13686	WSA	N/A	3.18	86	5,857	32	N/A	14.99	1,154	383	4	1	0	Yes
13687	ESA	N/A	16.26	519	37,627	240	N/A	12.71	904	13,579	90	0	0	Yes
13690	ESA	N/A	1.73	84	1,124	8	N/A	11.46	752	134	1	0	0	Yes
13691	ESA	N/A	0.91	27	5,492	49	N/A	10.99	868	21,108	207	0	0	Yes
13692	ESA	N/A	1.24	24	149	2	N/A	6.61	624	6	5	0	0	Yes
13693	ESA	N/A	4.84	182	7,759	7	N/A	7.72	627	0	0	0	0	Yes
13695	ESA	N/A	17.62	1,056	152,563	776	N/A	3.87	360	305	2	0	0	Yes
13696	ESA	N/A	13.42	1,246	29,963	135	N/A	1.69	105	222	1	23	0	Yes
13697	WHA	N/A	0.52	21	2,502	21	N/A	0.27	3	0	0	0	0	Yes
13698	WHA	N/A	16.93	999	46,168	420	N/A	2.26	20	0	0	0	0	Yes
13699	WHA	N/A	5.80	291	15,215	97	N/A	9.83	971	14,111	151	0	0	Yes
13704	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13705	WHA	N/A	8.68	493	33,986	251	N/A	11.26	907	14,594	76	0	0	Yes
13706	WHA	N/A	3.77	184	49,371	685	N/A	10.83	1,426	37,495	332	0	0	Yes
13707	ESA	N/A	1.31	59	1,865	17	N/A	8.37	1,068	8,099	85	0	0	Yes
13708	ESA	N/A	1.66	66	8,460	82	N/A	12.54	1,356	28,841	74	0	0	Yes
13709	ESA	N/A	6.25	518	24,427	143	N/A	7.54	528	0	0	0	0	Yes
13710	ESA	N/A	6.78	317	179,278	695	N/A	15.38	2,302	39,696	117	0	0	Yes
13711	ESA	N/A	1.45	7	0	0	N/A	17.27	2,544	18,889	92	0	0	Yes
13712	ESA	N/A	8.45	406	10,791	123	N/A	6.00	522	0	0	0	0	Yes
13713	ESA	N/A	0.00	0	46,205	199	N/A	26.26	2,046	63,666	211	0	0	Yes
13714	ESA	N/A	0.02	0	0	0	N/A	10.34	1,819	458	26	0	0	Yes
13715	ESA	N/A	0.10	1	0	0	N/A	13.46	1,216	635	5	0	0	Yes
13716	ESA	N/A	0.02	0	557	1	N/A	7.20	430	6,351	74	0	0	Yes
13717	CSA	N/A	2.08	4	67	1	N/A	20.92	555	211	3	0	0	Yes
13718	CSA	N/A	0.01	0	2,138	6	N/A	18.89	1,008	12,142	68	0	0	Yes
13719	CSA	N/A	0.01	0	5,815	99	N/A	5.79	823	0	0	0	0	Yes
13722	CSA	N/A	9.69	379	5,391	50	N/A	1.82	64	0	0	0	0	Yes
13723	CSA	N/A	16.63	535	113,362	481	N/A	13.02	763	18,936	106	0	0	Yes
13724	CSA	N/A	28.63	733	38,134	766	N/A	11.63	566	0	0	0	0	Yes
13729	CSA	N/A	2.28	36	342	5	N/A	12.28	958	0	0	0	0	Yes
13731	PCA	N/A	0.08	2	11,289	72	N/A	11.19	885	1,713	16	0	0	Yes
13732	PCA	N/A	0.10	17	0	0	N/A	16.33	1,236	3,673	15	0	0	Yes
13733	PCA	N/A	1.63	4	88,305	580	N/A	22.82	1,355	1,706	15	0	0	Yes
13737	ESA	N/A	3.97	475	11,214	47	N/A	0.60	107	0	0	0	0	Yes
13738	ESA	N/A	1.75	160	33,550	234	N/A	2.11	420	359	1	0	0	Yes
13739	ESA	N/A	1.00	55	1,143	10	N/A	0.85	119	56	1	0	0	Yes
13740	ESA	N/A	10.40	1,248	61,840	657	N/A	0.18	4	0	0	1	0	Yes
13745	WSA	N/A	1.60	34	27	1	N/A	16.66	1,777	4,065	39	0	1	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
4.66	1.89	0	0	0	2.77	61	122,349	1,438	1%	11.5
2.81	0.13	0	0	0	2.68	73	0	0	1%	11.9
6.40	0.19	0	0	0	6.21	175	142,393	4,458	0%	10.9
2.86	1.29	0	0	0	1.57	28	0	0	0%	7.5
3.17	0.73	0	0	0	2.44	14	0	0	1%	11.7
2.17	0.16	0	0	0	2.01	14	0	0	1%	4.7
3.69	0.99	0	0	0	2.70	57	0	0	1%	10.1
2.09	0.04	0	0	0	2.05	74	40,816	1,508	2%	18.3
4.53	0.11	0	0	0	4.41	196	303,388	6,420	2%	20.8
2.33	0.36	0	0	0	1.97	22	0	0	63%	26.3
5.43	0.66	0	0	0	4.78	97	0	0	1%	11.8
2.14	0.51	0	0	0	1.63	10	0	0	4%	19.8
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
3.16	0.15	0	25,234	454	3.02	53	80,458	178	0%	9.7
2.81	0.22	0	0	0	2.58	55	0	0	0%	7.6
3.42	0.92	0	0	0	2.50	23	0	0	0%	5.1
4.02	0.73	0	0	0	3.29	22	0	0	2%	26.3
2.66	0.12	0	0	0	2.54	48	0	0	1%	8.1
3.14	0.27	0	0	0	2.87	66	115,997	2,168	1%	19.1
4.06	1.03	0	0	0	3.03	13	0	0	0%	9.6
5.39	0.51	0	0	0	4.88	137	0	0	2%	17
4.25	3.58	0	5,784	72	0.67	3	75,166	2,008	1%	20.5
3.81	2.09	0	0	0	1.72	0	0	0	0%	6
3.80	1.85	0	0	0	1.94	4	60,646	1,236	1%	10.6
4.28	0.68	0	0	0	3.61	58	0	0	4%	14.9
4.68	0.49	0	0	0	4.19	20	22,530	588	5%	25.7
3.61	2.52	0	0	0	1.09	0	0	0	0%	6.3
2.86	1.68	0	0	0	1.18	6	0	0	2%	9.1
3.45	0.02	0	0	0	3.44	87	0	0	1%	10.3
5.84	0.08	0	0	0	5.76	61	141,820	3,438	2%	17.2
6.23	0.07	0	0	0	6.15	128	76,890	1,413	0%	7.3
2.53	0.18	0	0	0	2.35	14	0	0	0%	7.5
2.28	0.99	0	17,297	508	1.29	3	0	0	1%	9.8
1.96	1.80	0	0	0	0.16	0	0	0	0%	7.7
5.92	3.20	0	0	0	2.72	5	0	0	2%	14.4
2.36	0.17	0	0	0	2.19	169	0	0	1%	9
2.40	0.97	0	0	0	1.43	69	1,921	630	0%	7.2
1.75	0.26	0	0	0	1.48	24	13,998	198	1%	9.6
1.39	0.29	0	0	0	1.10	83	0	0	0%	6.5
1.69	0.00	0	82,138	1,762	1.69	14	126,454	1,856	1%	13.8

(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	(O) Feeder Looped?
13747	WSA	N/A	1.46	123	1,323	5	N/A	2.52	468	0	0	0	0	Yes
13748	WSA	N/A	4.34	335	12,421	97	N/A	7.90	755	5,583	56	3	0	Yes
13749	WSA	N/A	1.80	207	9,142	51	N/A	9.61	1,173	18,803	68	0	0	Yes
13750	WSA	N/A	1.70	73	1,271	4	N/A	6.14	659	175	3	0	0	Yes
13753	WSA	N/A	3.88	570	20,629	273	N/A	0.09	8	0	0	0	0	Yes
13754	WSA	N/A	7.46	1,159	137,971	833	N/A	1.02	251	0	0	4	0	Yes
13756	WSA	N/A	2.98	806	148,185	874	N/A	1.26	909	9,272	56	0	0	Yes
13761	WSA	N/A	0.38	6	0	0	N/A	1.85	1,025	5,631	57	0	0	Yes
13762	WSA	N/A	0.17	4	155	1	N/A	1.57	26	0	0	0	0	Yes
13763	WSA	N/A	0.00	0	0	0	N/A	0.03	0	0	0	0	0	Yes
13764	WSA	N/A	0.16	0	0	0	N/A	1.39	463	0	0	0	0	Yes
13765	WSA	N/A	0.00	0	0	0	N/A	0.22	14	0	0	0	0	Yes
13766	WSA	N/A	0.00	0	0	0	N/A	0.94	10	0	0	0	0	Yes
13769	WSA	N/A	16.72	359	17,071	182	N/A	13.83	844	13,304	42	0	1	Yes
13770	WSA	N/A	4.07	198	32,784	418	N/A	21.84	1,531	62,643	571	0	0	Yes
13772	WSA	N/A	15.99	637	4,170	78	N/A	11.39	623	277	2	0	0	Yes
13777	WSA	N/A	2.10	245	18,962	146	N/A	12.47	756	20,891	110	4	0	Yes
13780	WHA	N/A	7.11	642	122,468	503	N/A	9.90	743	72,945	722	0	0	Yes
13781	WHA	N/A	1.85	72	13,801	131	N/A	14.83	1,352	10,770	54	0	1	Yes
13785	WHA	N/A	16.62	298	40,491	254	N/A	3.15	62	0	0	3	0	Yes
13786	SHA	N/A	43.34	698	19,284	107	N/A	1.90	27	274	4	0	0	Yes
13787	SHA	N/A	41.44	813	70,158	394	N/A	7.82	111	991	4	0	0	Yes
13793	SHA	N/A	3.72	179	8,224	28	N/A	12.85	1,429	89,642	467	6	2	Yes
13795	PCA	N/A	4.48	140	12,367	62	N/A	14.68	1,097	83,613	197	0	0	Yes
13796	PCA	N/A	5.82	157	34,477	295	N/A	9.24	1,177	0	0	0	0	Yes
13797	PCA	N/A	4.69	182	9,112	128	N/A	16.23	1,241	39,550	179	0	0	Yes
13798	ESA	N/A	3.49	182	48,244	992	N/A	10.01	1,024	42,206	376	0	2	Yes
13799	ESA	N/A	2.67	111	3,425	26	N/A	11.52	1,674	4,119	12	0	1	Yes
13805	ESA	N/A	46.45	1,036	83,323	930	N/A	4.68	73	1,542	9	14	1	Yes
13807	ESA	N/A	35.21	985	86,556	551	N/A	2.70	80	94	1	0	0	Yes
13808	ESA	N/A	102.54	1,742	58,576	328	N/A	5.72	109	8,138	77	15	2	Yes
13813	ESA	N/A	43.75	676	35,450	300	N/A	6.96	98	558	3	0	1	Yes
13815	PCA	N/A	38.46	495	23,420	147	N/A	7.07	99	1,621	6	1	0	Yes
13817	PCA	N/A	19.29	752	111,239	1,074	N/A	18.48	1,591	6,888	63	0	0	Yes
13818	PCA	N/A	1.71	6	0	0	N/A	5.52	494	0	0	0	0	Yes
13819	DCA	N/A	0.46	1	0	0	N/A	0.60	17	0	0	0	0	Yes
13820	DCA	N/A	2.75	65	0	0	N/A	0.86	47	1,174	17	0	1	Yes
13825	SHA	N/A	7.10	744	14,664	182	N/A	2.11	612	2,952	18	0	0	Yes
13826	SHA	N/A	3.64	218	3,491	35	N/A	6.04	1,428	18,126	50	0	0	Yes
13827	SHA	N/A	3.99	345	39,108	364	N/A	3.43	380	46,446	277	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.57	0.22	0	0	0	1.35	37	0	0	2%	5.4
3.82	0.39	0	0	0	3.43	64	102,301	1,421	0%	8.4
2.17	0.31	0	0	0	1.86	41	0	0	0%	7.9
1.71	0.32	0	0	0	1.39	13	0	0	1%	9.8
1.87	0.05	0	0	0	1.82	183	3,515	793	1%	9.7
0.74	0.13	0	0	0	0.61	43	52,915	1,480	2%	17.2
1.15	0.14	0	0	0	1.02	92	0	0	1%	8.7
1.64	0.64	0	0	0	1.00	15	56,977	1,065	3%	23.3
3.07	2.01	0	0	0	1.06	13	0	0	0%	9.3
0.52	0.52	0	0	0	0.00	0	440	6	2%	7.1
0.88	0.12	0	0	0	0.75	9	0	0	1%	9.9
0.86	0.86	0	0	0	0.00	0	780	16	6%	9.4
1.96	1.96	0	0	0	0.00	0	0	0	0%	10.1
6.88	1.44	0	0	0	5.44	41	39,227	827	1%	11.8
4.02	0.40	0	0	0	3.62	103	54,089	1,809	1%	16.4
12.86	4.70	0	0	0	8.16	101	0	0	0%	9.8
4.58	2.24	0	0	0	2.34	103	0	0	0%	6.2
2.19	0.55	0	4,064	1,443	1.64	68	128,969	1,451	0%	10.4
4.85	0.19	0	0	0	4.66	21	0	0	0%	9.2
1.93	0.39	0	0	0	1.54	21	0	0	6%	12
5.57	0.56	0	0	0	5.01	87	10,324	402	1%	7.9
8.91	0.21	0	0	0	8.70	148	35,931	1,085	1%	11.2
3.16	0.72	0	0	0	2.44	54	0	0	1%	11.5
3.49	0.07	0	0	0	3.42	60	0	0	1%	16.8
4.13	0.54	0	0	0	3.59	44	0	0	1%	9.3
2.84	0.06	0	0	0	2.78	57	0	0	1%	18.8
2.10	0.25	0	0	0	1.85	23	8,269	280	1%	12.1
2.81	0.29	0	0	0	2.52	49	7,869	1,859	0%	9.4
5.52	0.02	0	0	0	5.49	81	148,776	3,290	2%	15.3
6.44	0.10	0	0	0	6.35	135	129,382	2,441	2%	18
14.92	0.24	0	0	0	14.68	168	308,088	4,395	3%	27.8
5.12	0.03	0	0	0	5.10	49	2,232	832	1%	7.5
6.74	0.26	0	0	0	6.47	35	112,935	1,680	54%	139
8.18	1.98	0	0	0	6.21	97	83,696	6,888	2%	29.3
4.75	1.22	0	0	0	3.53	4	0	0	0%	9
2.44	0.53	0	0	0	1.91	5	0	0	0%	1.8
2.57	1.43	0	0	0	1.15	10	0	0	0%	5.1
2.57	0.02	0	0	0	2.56	150	0	0	0%	6.1
4.25	1.62	0	0	0	2.63	102	0	0	1%	7.9
1.17	0.03	0	0	0	1.13	41	0	0	1%	6

(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	(O) Feeder Looped?
13828	SHA	N/A	5.87	436	12,265	42	N/A	3.32	841	17,301	53	4	0	Yes
13829	CSA	N/A	1.03	39	12,040	83	N/A	8.27	779	17,686	180	0	0	Yes
13830	CSA	N/A	3.69	291	68,433	291	N/A	5.81	296	9,963	39	9	4	Yes
13831	CSA	N/A	0.62	132	1,415	17	N/A	5.49	1,096	0	0	0	0	Yes
13832	CSA	N/A	2.98	240	985	8	N/A	1.36	147	0	0	0	0	Yes
13833	CSA	N/A	0.00	0	0	0	N/A	0.02	0	0	0	0	0	Yes
13834	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	1	Yes
13835	CSA	N/A	5.60	547	54,250	357	N/A	2.95	684	22,437	69	0	0	Yes
13836	CSA	N/A	4.25	161	16,346	173	N/A	12.08	533	19,883	129	0	0	Yes
13837	CSA	N/A	4.04	412	152,396	764	N/A	7.62	610	9,424	104	0	0	Yes
13838	CSA	N/A	9.40	613	75,355	991	N/A	6.71	971	17,788	72	16	0	Yes
13839	CSA	N/A	6.71	313	6,748	48	N/A	15.95	741	3,823	33	0	0	Yes
13840	CSA	N/A	7.64	322	53,530	361	N/A	9.70	1,519	15,066	94	0	0	Yes
13843	CSA	N/A	0.22	0	0	0	N/A	0.15	0	0	0	0	0	Yes
13844	CSA	N/A	0.37	4	20,213	71	N/A	2.64	626	10,010	77	0	0	Yes
13845	CSA	N/A	0.00	0	0	0	N/A	3.94	0	0	0	0	0	Yes
13850	CSA	N/A	0.08	2	0	0	N/A	14.01	869	14,031	84	0	0	Yes
13853	CSA	N/A	2.11	20	41,326	280	N/A	27.01	1,297	163,171	700	0	0	Yes
13854	CSA	N/A	17.21	1,034	39,021	199	N/A	17.93	1,471	817	1	0	0	Yes
13858	CSA	N/A	0.00	0	0	0	N/A	0.25	0	0	0	0	0	Yes
13860	PCA	N/A	1.83	41	6,781	71	N/A	7.92	971	25,271	177	0	0	Yes
13863	PCA	N/A	0.76	15	31,246	367	N/A	7.33	687	30,011	216	0	0	Yes
13864	PCA	N/A	2.23	96	57,613	595	N/A	1.82	264	3,368	12	0	0	Yes
13865	CSA	N/A	3.00	132	161	2	N/A	14.84	1,466	41,153	125	0	0	Yes
13866	WSA	N/A	3.62	148	1,216	8	N/A	4.32	285	152	2	0	0	Yes
13867	WSA	N/A	2.29	110	3,315	22	N/A	1.90	91	0	0	0	0	Yes
13869	WSA	N/A	0.16	4	449	3	N/A	5.93	557	17,098	94	0	0	Yes
13870	WSA	N/A	3.42	61	3,599	26	N/A	14.37	1,732	3,772	35	0	0	Yes
13871	WSA	N/A	0.33	1	44	1	N/A	8.09	964	4,667	35	0	0	Yes
13872	WSA	N/A	0.00	0	0	0	N/A	11.40	911	18,279	137	0	0	Yes
13873	WSA	N/A	2.28	40	94,573	490	N/A	15.27	1,365	53,934	352	0	0	Yes
13878	WSA	N/A	1.97	43	1,951	15	N/A	8.78	1,458	31,647	231	0	0	Yes
13879	WSA	N/A	0.27	7	12,236	108	N/A	8.63	2,222	39,951	166	0	0	Yes
13880	WSA	N/A	0.17	1	0	0	N/A	8.14	1,627	0	0	0	0	Yes
13881	WSA	N/A	0.00	0	0	0	N/A	1.62	118	92	1	0	0	Yes
13882	WSA	N/A	0.00	0	0	0	N/A	1.12	106	120	1	0	0	Yes
13883	ESA	N/A	1.24	30	0	0	N/A	4.48	1,318	0	0	0	0	Yes
13884	ESA	N/A	0.33	0	65	1	N/A	11.48	1,568	9,100	68	0	0	Yes
13885	ESA	N/A	0.61	8	1,234	4	N/A	9.92	1,163	1,614	12	0	0	Yes
13886	ESA	N/A	0.00	0	621	1	N/A	11.73	1,114	55,052	379	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
1.58	0.15	0	0	0	1.44	32	0	0	0%	6.9
3.27	0.05	0	0	0	3.22	19	0	0	0%	5.2
2.94	0.00	0	0	0	2.94	62	0	0	1%	10.8
1.43	0.03	0	0	0	1.40	69	0	0	0%	4.2
1.47	0.85	0	0	0	0.62	13	0	0	1%	5.6
0.07	0.07	0	0	0	0.00	0	0	0	1%	8.8
0.11	0.11	0	0	0	0.00	0	0	0	1%	7.1
1.42	0.02	0	0	0	1.40	28	0	0	1%	11
1.68	0.07	0	0	0	1.61	26	0	0	1%	9.1
2.69	0.53	0	0	0	2.17	60	46,886	1,066	3%	18.1
4.60	0.16	0	0	0	4.44	203	79,602	1,603	1%	12.2
5.59	0.12	0	0	0	5.47	100	0	0	1%	15.2
4.53	0.07	0	0	0	4.46	170	0	0	1%	15.5
1.65	1.22	0	0	0	0.42	0	0	0	0%	8.7
2.42	0.61	0	0	0	1.81	9	5,308	1,281	2%	17.4
0.55	0.55	0	0	0	0.00	0	0	0	0%	3.4
1.81	0.74	0	0	0	1.07	1	0	0	1%	6.4
4.44	2.90	0	0	0	1.54	8	48,238	1,355	2%	25
7.11	0.81	0	0	0	6.30	89	421,934	6,198	1%	15.9
0.55	0.55	0	0	0	0.00	0	0	0	1%	8.7
1.54	0.05	0	0	0	1.49	9	0	0	0%	6.4
1.53	0.62	0	0	0	0.91	12	42,470	717	0%	3.6
2.62	0.16	0	0	0	2.46	66	0	0	1%	7.4
4.58	0.65	0	0	0	3.93	35	9,700	516	0%	9
3.36	0.16	0	0	0	3.20	26	0	0	1%	12.6
1.70	0.19	0	0	0	1.51	38	0	0	1%	9.5
1.11	0.12	0	0	0	0.99	4	0	0	0%	6.1
2.32	0.06	0	0	0	2.26	27	100,829	1,845	0%	7
1.76	0.33	0	0	0	1.43	10	0	0	0%	4.7
1.54	1.44	0	0	0	0.10	0	0	0	1%	8.9
0.74	0.02	0	0	0	0.72	5	9,137	2,061	0%	9.4
2.63	0.41	0	0	0	2.22	23	0	0	2%	14.6
2.73	1.72	0	0	0	1.01	2	0	0	0%	7.6
2.52	1.35	0	0	0	1.17	7	112,218	3,296	0%	8.6
1.80	1.18	0	0	0	0.61	2	0	0	1%	7.2
1.26	1.26	0	0	0	0.00	0	0	0	2%	8.6
2.25	0.53	0	0	0	1.72	28	0	0	0%	8.9
2.23	0.28	0	0	0	1.95	10	0	0	0%	6.7
2.50	0.77	0	0	0	1.72	9	0	0	1%	10
2.03	1.62	0	12,624	576	0.41	1	25,308	471	1%	7.5

(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	(O) Feeder Looped?
13888	ESA	N/A	0.83	16	0	0	N/A	11.66	1,140	26,206	239	0	0	Yes
13889	ESA	N/A	6.86	264	33,021	416	N/A	13.59	1,402	20,836	279	0	0	Yes
13890	ESA	N/A	0.69	23	3,213	12	N/A	7.04	651	26,587	199	0	0	Yes
13891	ESA	N/A	0.01	0	49,416	894	N/A	17.12	1,345	73,684	822	0	0	Yes
13892	WSA	N/A	1.73	62	30,823	435	N/A	7.28	869	15,083	43	0	0	Yes
13895	WSA	N/A	0.77	74	10,311	205	N/A	2.18	229	198	3	0	0	Yes
13896	WSA	N/A	7.79	708	76,886	820	N/A	6.86	782	12,518	40	0	0	Yes
13897	WSA	N/A	3.71	20	7,570	47	N/A	11.27	783	5,957	35	0	0	Yes
13898	WSA	N/A	1.59	14	5,023	43	N/A	27.48	1,976	5,552	45	0	1	Yes
13899	WSA	N/A	7.09	429	21,053	170	N/A	5.75	605	6,199	16	0	1	Yes
13900	WSA	N/A	2.51	34	50	1	N/A	22.82	1,917	6,445	56	0	0	Yes
13906	SHA	N/A	6.81	332	45,372	145	N/A	3.41	345	99	1	0	0	Yes
13909	SHA	N/A	7.46	497	15,032	104	N/A	3.17	61	286	2	7	0	Yes
13910	SHA	N/A	8.02	334	41,012	170	N/A	9.24	703	16,813	36	7	0	Yes
13911	SHA	N/A	6.64	505	26,341	204	N/A	6.10	715	18,156	77	0	0	Yes
13916	SHA	N/A	2.30	123	29,461	270	N/A	12.45	1,588	27,104	204	0	0	Yes
13918	ESA	N/A	1.89	89	12,544	162	N/A	10.54	707	1,803	10	0	0	Yes
13919	ESA	N/A	0.01	0	0	0	N/A	1.04	36	0	0	0	1	Yes
13920	ESA	N/A	1.89	66	342,381	1,730	N/A	11.39	1,498	55,615	258	0	0	Yes
13921	ESA	N/A	2.43	143	617	9	N/A	6.22	580	19,271	111	0	0	Yes
13922	WHA	N/A	0.90	10	1,167	8	N/A	29.90	1,921	4,244	40	0	0	Yes
13924	WHA	N/A	45.51	398	11,437	68	N/A	2.10	36	0	0	0	0	Yes
13927	WHA	N/A	25.99	714	26,767	311	N/A	11.43	1,076	14,220	131	0	0	Yes
13928	WHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13929	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13930	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13932	WHA	N/A	0.85	41	27,433	121	N/A	3.61	257	10,530	72	0	0	Yes
13934	WHA	N/A	1.44	18	581	4	N/A	8.87	1,143	25,450	227	0	0	Yes
13935	WHA	N/A	1.85	98	40,208	274	N/A	4.01	298	26,463	167	0	0	Yes
13939	WHA	N/A	2.57	116	11,748	75	N/A	11.06	1,015	39,847	231	1	0	Yes
13940	WHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13942	WHA	N/A	0.20	35	8,057	35	N/A	1.50	1,543	0	0	0	0	Yes
13943	CSA	N/A	1.14	32	5,888	17	N/A	1.08	344	1,085	13	0	0	Yes
13944	CSA	N/A	0.07	0	0	0	N/A	0.21	0	0	0	0	0	Yes
13945	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13946	CSA	N/A	8.08	1,171	36,870	406	N/A	0.14	27	5,910	25	0	0	Yes
13947	CSA	N/A	6.51	941	46,661	367	N/A	0.05	1	0	0	0	0	Yes
13948	CSA	N/A	5.77	672	134,301	1,262	N/A	2.48	404	0	0	0	0	Yes
13951	CSA	N/A	0.99	52	480	4	N/A	1.58	106	130	2	0	0	Yes
13952	CSA	N/A	0.38	7	4,959	14	N/A	2.62	69	657	1	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
2.57	0.45	0	49,399	1,172	2.12	8	88,381	2,611	1%	8.7
3.31	0.33	0	79,292	1,725	2.98	61	118,180	3,502	0%	13.8
1.17	0.07	0	0	0	1.10	42	0	0	2%	11.5
2.21	1.50	0	0	0	0.71	12	86,390	1,372	0%	9.5
2.70	0.12	0	0	0	2.59	15	210,340	5,603	1%	10.5
2.22	0.08	0	0	0	2.14	13	29,388	1,142	1%	8.4
5.08	2.21	0	0	0	2.87	56	159,317	2,856	2%	15.6
5.79	3.18	0	0	0	2.62	8	58,244	1,670	6%	23.5
9.71	5.10	0	0	0	4.61	5	73,618	1,987	1%	22.3
3.95	0.11	0	0	0	3.84	98	44,891	1,146	2%	14.3
6.14	1.06	0	0	0	5.08	17	0	0	0%	7.4
2.61	0.11	0	0	0	2.50	50	0	0	1%	8.4
2.72	0.24	0	0	0	2.48	90	0	0	1%	11.6
2.60	0.08	0	0	0	2.52	107	50,114	1,141	0%	6.3
2.05	0.08	0	0	0	1.97	56	0	0	0%	5.7
1.40	0.00	0	0	0	1.40	16	0	0	1%	10.7
2.51	0.18	0	0	0	2.33	15	0	0	3%	15.5
0.83	0.25	0	0	0	0.58	11	0	0	32%	4.3
2.06	0.32	0	0	0	1.74	10	0	0	0%	9.8
1.55	0.00	0	0	0	1.55	41	0	0	0%	3
5.36	2.09	0	0	0	3.27	4	136,058	1,825	0%	8.6
30.18	0.00	0	0	0	30.18	139	42,865	1,208	3%	10.7
5.19	0.32	0	0	0	4.87	83	0	0	1%	10.8
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
1.64	0.05	0	11,362	117	1.59	24	43,605	854	3%	9
2.36	0.12	0	0	0	2.24	28	0	0	1%	11.1
2.47	0.29	0	47,297	489	2.18	78	62,855	619	2%	8
2.75	0.08	0	0	0	2.67	58	45,148	2,392	1%	11.8
0.02	0.02	0	0	0	0.00	0	0	0	0%	17.1
1.42	1.34	0	0	0	0.08	3	0	0	1%	6.4
2.27	1.41	0	0	0	0.86	51	0	0	2%	9
1.25	1.00	0	0	0	0.25	9	0	0	2%	3.4
0.04	0.04	0	0	0	0.00	0	0	0	0%	3.1
2.75	0.06	0	0	0	2.69	188	0	0	1%	10.3
1.19	0.12	0	0	0	1.07	111	0	0	1%	5.6
2.76	0.07	0	0	0	2.69	126	41,025	1,619	3%	10.7
2.27	0.63	0	0	0	1.65	23	0	0	3%	14.3
1.22	0.20	0	0	0	1.02	8	872	87	1%	5.6

(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	(O) Feeder Looped?
13953	CSA	N/A	4.10	146	47,573	495	N/A	5.60	198	13,137	63	0	0	Yes
13954	CSA	N/A	0.41	4	941	6	N/A	2.73	91	2,578	24	0	0	Yes
13955	CSA	N/A	1.95	56	4,022	21	N/A	5.76	1,379	0	0	0	0	Yes
13956	ESA	N/A	2.06	84	144,321	1,042	N/A	11.39	3,378	41,990	420	0	0	Yes
13957	ESA	N/A	0.15	2	148	1	N/A	3.31	389	0	0	0	0	Yes
13959	ESA	N/A	12.94	402	14,675	76	N/A	2.72	194	0	0	0	0	Yes
13961	ESA	N/A	21.07	567	45,079	409	N/A	14.71	1,394	48,516	569	2	0	Yes
13962	ESA	N/A	19.12	712	44,686	463	N/A	6.17	423	7,486	45	0	0	Yes
13963	ESA	N/A	3.42	190	25,736	122	N/A	2.18	103	0	0	0	0	Yes
13964	ESA	N/A	7.16	429	6,356	42	N/A	0.52	5	0	0	0	0	Yes
13967	PCA	N/A	3.54	222	19,854	65	N/A	14.09	1,352	9,089	51	0	0	Yes
13968	PCA	N/A	5.29	543	11,918	119	N/A	1.50	448	2,208	27	0	0	Yes
13971	PCA	N/A	0.18	0	0	0	N/A	1.17	11	0	0	0	0	Yes
13972	ESA	N/A	3.91	56	26,439	254	N/A	18.95	1,758	0	0	0	0	Yes
13973	ESA	N/A	1.55	22	162	4	N/A	17.24	1,809	17,792	150	0	0	Yes
13980	WHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
13982	WHA	N/A	1.91	26	199	5	N/A	0.00	0	0	0	0	0	Yes
13983	WHA	N/A	18.50	541	88,249	990	N/A	4.85	217	951	6	0	0	Yes
13984	WHA	N/A	9.82	273	4,003	41	N/A	7.75	388	1,869	9	0	0	Yes
13985	WHA	N/A	0.00	0	174,541	902	N/A	22.00	2,361	71,296	152	0	0	Yes
13986	WHA	N/A	1.13	4	33,986	648	N/A	14.12	1,083	8,613	47	0	0	Yes
13987	PCA	N/A	0.05	0	4,243	18	N/A	9.71	942	9,677	43	0	0	Yes
13988	PCA	N/A	0.00	0	0	0	N/A	11.89	1,266	12,928	185	0	0	Yes
13989	PCA	N/A	0.00	0	16,562	140	N/A	19.72	1,533	64,052	498	0	0	Yes
13990	PCA	N/A	0.61	6	0	0	N/A	28.04	1,969	11,158	96	0	0	Yes
13991	CSA	N/A	0.00	0	0	0	N/A	11.73	946	35,805	74	0	0	Yes
13993	CSA	N/A	4.97	150	12,692	113	N/A	11.68	875	44,897	230	0	0	Yes
13994	CSA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14000	CSA	N/A	16.36	529	14,463	106	N/A	6.50	380	2,026	16	0	0	Yes
14001	CSA	N/A	3.45	57	3,386	49	N/A	1.11	47	45	1	0	1	Yes
14002	CSA	N/A	0.47	2	0	0	N/A	13.82	807	10,422	101	0	0	Yes
14004	CSA	N/A	0.05	1	0	0	N/A	0.22	6	0	0	0	0	Yes
14010	CSA	N/A	0.00	0	0	0	N/A	2.39	52	0	0	0	0	Yes
14011	CSA	N/A	0.80	8	201	3	N/A	5.93	834	1,949	4	0	0	Yes
14012	CSA	N/A	10.91	662	8,444	43	N/A	5.68	724	42,653	574	0	0	Yes
14014	PCA	N/A	0.74	23	163	1	N/A	1.45	329	0	0	0	1	Yes
14020	PCA	N/A	3.86	143	80,563	1,226	N/A	13.21	1,246	25,062	178	0	0	Yes
14021	PCA	N/A	8.08	284	3,642	27	N/A	11.43	800	8,672	128	0	0	Yes
14022	PCA	N/A	1.23	6	85,077	1,183	N/A	13.37	865	28,094	189	0	0	Yes
14023	CSA	N/A	14.38	403	3,759	45	N/A	5.69	395	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
2.58	0.21	0	0	0	2.37	26	0	0	2%	22.8
2.26	0.35	0	0	0	1.91	14	0	0	1%	8.8
4.13	2.08	0	15,080	591	2.05	18	29,263	914	2%	17.6
4.78	1.61	0	18,450	4,446	3.17	34	234,824	3,576	1%	21.9
2.14	1.66	0	0	0	0.48	4	0	0	1%	3.8
6.06	0.02	0	0	0	6.04	99	38,613	697	2%	8.3
4.54	0.00	0	0	0	4.54	71	26,851	918	0%	8.9
4.66	0.29	0	0	0	4.37	134	0	0	1%	16.9
2.33	0.59	0	0	0	1.73	50	0	0	3%	11.7
2.01	0.20	0	0	0	1.81	30	0	0	2%	8.5
3.63	0.06	0	0	0	3.57	114	17,192	1,705	1%	14
2.96	0.06	0	0	0	2.91	166	0	0	2%	10.5
0.43	0.21	0	0	0	0.23	1	0	0	2%	5.8
3.16	0.06	0	0	0	3.10	13	0	0	1%	12.7
3.87	1.45	0	0	0	2.42	41	78,959	1,877	0%	8.7
0.97	0.08	0	0	0	0.89	1	0	0	0%	10.6
2.48	0.24	0	0	0	2.23	13	0	0	4%	0.6
6.10	0.30	0	0	0	5.80	137	159,066	4,719	2%	11.3
6.33	1.09	0	0	0	5.24	110	257	3	3%	27.2
8.01	4.71	0	41,098	291	3.30	14	0	0	1%	18.5
3.27	2.21	0	0	0	1.05	4	0	0	1%	11.2
6.13	2.87	0	0	0	3.26	7	0	0	2%	12.1
3.19	3.18	0	0	0	0.01	0	0	0	1%	9.8
3.49	1.46	0	0	0	2.03	29	176,194	3,117	1%	14.5
8.11	5.96	0	0	0	2.15	3	66,840	1,195	0%	11.2
1.80	1.22	0	0	0	0.58	3	51,626	923	2%	11.7
4.96	0.18	0	0	0	4.78	92	36,915	643	2%	17.8
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
4.12	0.47	0	0	0	3.65	72	0	0	1%	12.2
1.45	0.13	0	0	0	1.32	4	0	0	2%	6.1
3.34	2.69	0	52,531	1,210	0.65	4	52,482	427	1%	10
0.44	0.04	0	0	0	0.41	0	0	0	72%	2.2
1.56	1.56	0	0	0	0.00	0	0	0	1%	13.1
2.70	2.19	0	0	0	0.51	1	0	0	2%	24.2
7.52	0.77	0	0	0	6.75	52	0	0	4%	32.1
0.34	0.07	0	0	0	0.28	1	0	0	1%	2.5
4.81	0.24	0	78,854	1,414	4.57	53	0	0	1%	19.4
2.77	0.06	0	0	0	2.71	70	0	0	1%	11.2
2.61	0.32	0	0	0	2.29	12	0	0	1%	9.1
5.70	0.22	0	0	0	5.48	89	38,724	868	0%	7.5

(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	(O) Feeder Looped?
14024	CSA	N/A	8.35	501	17,043	95	N/A	13.35	1,247	0	0	0	0	Yes
14025	CSA	N/A	8.00	234	25,302	201	N/A	21.51	2,067	9,855	107	0	0	Yes
14026	CSA	N/A	3.38	67	1,132	5	N/A	4.79	288	3,214	7	0	0	Yes
14030	SHA	N/A	6.03	227	12,028	175	N/A	26.37	1,972	17,232	137	13	4	Yes
14031	SHA	N/A	8.56	347	39,281	384	N/A	16.42	1,730	4,659	145	0	0	Yes
14032	SHA	N/A	2.75	61	0	0	N/A	7.93	881	383	3	0	1	Yes
14035	SHA	N/A	0.94	67	285	2	N/A	2.21	354	0	0	0	1	Yes
14036	SHA	N/A	0.00	0	0	0	N/A	0.81	36	247	1	0	0	Yes
14037	SHA	N/A	0.78	3	780	12	N/A	18.91	1,965	47,860	346	0	0	Yes
14040	SHA	N/A	5.65	284	11,530	103	N/A	12.04	1,427	13,877	62	0	0	Yes
14041	WSA	N/A	19.20	735	155,201	2,229	N/A	7.76	339	761	5	2	0	Yes
14042	WSA	N/A	4.99	152	9,689	122	N/A	13.75	1,326	3,980	73	2	0	Yes
14050	WSA	N/A	31.44	418	11,700	204	N/A	5.00	21	0	0	4	0	Yes
14051	WSA	N/A	1.65	0	0	0	N/A	0.07	0	0	0	0	0	Yes
14059	WSA	N/A	0.07	2	0	0	N/A	2.13	1,127	13,276	52	0	0	Yes
14060	WSA	N/A	0.00	0	0	0	N/A	0.54	10	0	0	0	0	Yes
14064	ESA	N/A	0.00	0	0	0	N/A	0.70	638	0	0	0	0	Yes
14065	ESA	N/A	0.00	0	0	0	N/A	7.21	1,577	0	0	0	0	Yes
14066	ESA	N/A	0.00	0	0	0	N/A	0.54	1	0	0	0	0	Yes
14069	PCA	N/A	4.65	206	27,320	403	N/A	18.74	808	138,638	427	0	0	Yes
14070	PCA	N/A	0.10	4	3,828	45	N/A	18.75	1,163	14,614	78	0	0	Yes
14071	CSA	N/A	8.30	330	35,821	593	N/A	22.04	1,270	10,954	97	0	0	Yes
14079	CSA	N/A	0.00	0	5,557	32	N/A	16.09	1,676	59,222	501	0	0	Yes
14080	CSA	N/A	0.03	0	0	0	N/A	15.92	1,378	11,037	28	0	0	Yes
14081	CSA	N/A	1.12	66	22,817	160	N/A	13.04	1,603	14,636	111	0	0	Yes
14082	CSA	N/A	0.00	0	0	0	N/A	13.53	1,050	48,545	199	0	0	Yes
14083	WSA	N/A	0.32	0	0	0	N/A	0.07	0	30,406	63	0	0	Yes
14084	WSA	N/A	0.11	5	112,315	380	N/A	15.45	1,147	21,668	84	0	0	Yes
14089	WSA	N/A	0.08	3	41,162	641	N/A	24.98	1,920	6,895	50	0	0	Yes
14090	WSA	N/A	0.12	0	4,828	43	N/A	8.86	671	0	0	0	0	Yes
14091	WSA	N/A	0.22	0	0	0	N/A	11.18	1,017	10,642	45	0	0	Yes
14094	WSA	N/A	0.03	1	0	0	N/A	10.16	1,446	13,204	41	0	0	Yes
14095	WSA	N/A	0.00	0	0	0	N/A	15.41	981	10,706	61	0	0	Yes
14096	WSA	N/A	0.00	0	13,667	73	N/A	14.00	1,279	29,928	134	0	0	Yes
14099	WSA	N/A	2.62	42	12,135	26	N/A	10.50	661	7,427	51	0	0	Yes
14100	CSA	N/A	0.00	0	3,150	7	N/A	19.47	1,936	0	0	0	0	Yes
14101	CSA	N/A	0.00	0	435	1	N/A	20.67	1,507	8,711	57	0	0	Yes
14102	CSA	N/A	2.21	53	93,401	887	N/A	19.74	1,881	6,796	11	0	1	Yes
14109	CSA	N/A	0.47	3	9,474	119	N/A	5.24	643	17,417	49	0	0	Yes
14110	CSA	N/A	3.72	145	7,848	42	N/A	14.44	634	1,653	12	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
4.88	0.14	0	0	0	4.73	119	0	0	2%	22.7
6.48	1.78	0	0	0	4.70	48	0	0	2%	26.3
2.14	0.50	0	0	0	1.64	6	0	0	4%	12.4
2.46	0.40	0	0	0	2.06	40	0	0	1%	16.6
3.44	0.88	0	0	0	2.56	36	0	0	1%	13
2.51	0.97	0	0	0	1.54	35	14,298	2,344	1%	7.2
1.66	0.95	0	0	0	0.71	3	0	0	2%	11.9
1.31	1.25	0	0	0	0.05	0	0	0	0%	2.9
3.70	2.25	0	0	0	1.46	0	0	0	1%	15.4
3.70	0.02	0	0	0	3.67	99	22,333	869	1%	12.3
4.60	0.36	0	0	0	4.24	50	26,618	1,089	1%	17.8
4.71	0.08	0	0	0	4.63	100	0	0	1%	13.3
14.78	4.88	0	0	0	9.90	11	0	0	3%	13.3
0.03	0.00	0	0	0	0.03	0	0	0	11%	2.3
1.94	1.94	0	0	0	0.00	0	0	0	0%	6.2
0.84	0.84	0	0	0	0.00	0	0	0	0%	4.8
2.38	2.38	0	0	0	0.00	0	0	0	0%	8.6
1.52	1.52	0	0	0	0.00	0	5,053	138	0%	5.4
0.62	0.62	0	0	0	0.00	0	0	0	14%	2.7
6.24	4.62	0	64,559	1,003	1.63	12	2,492	984	2%	18.8
3.48	1.16	0	0	0	2.31	19	1,780	703	0%	7.6
8.19	4.66	0	0	0	3.54	32	4,139	1,634	0%	9.7
4.44	4.18	0	0	0	0.26	1	0	0	1%	13.8
2.70	2.13	0	0	0	0.57	0	0	0	0%	7.7
4.61	3.75	0	0	0	0.86	18	0	0	1%	13.9
2.89	2.89	0	51,411	1,650	0.00	0	104,674	1,204	2%	16.8
1.87	0.20	0	0	0	1.67	1	0	0	2%	22.9
3.31	1.39	0	0	0	1.92	3	0	0	1%	14.6
6.75	4.22	0	0	0	2.52	7	130,938	2,091	0%	12.1
4.23	2.94	0	0	0	1.29	14	0	0	1%	11.4
4.03	2.27	0	0	0	1.75	4	0	0	1%	11.2
5.45	3.85	0	0	0	1.60	8	0	0	0%	8.3
2.94	2.94	0	0	0	0.00	0	0	0	0%	6.5
4.88	4.03	0	0	0	0.84	0	0	0	1%	12.1
6.30	1.95	0	0	0	4.35	10	0	0	3%	13.8
4.30	4.30	0	0	0	0.00	0	0	0	1%	15
5.61	5.61	0	0	0	0.00	0	0	0	1%	18.5
4.84	2.76	0	0	0	2.08	20	0	0	0%	13.5
1.70	0.27	0	0	0	1.43	17	0	0	2%	8.4
2.54	0.14	0	0	0	2.40	12	4,090	802	4%	30.2

(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	(O) Feeder Looped?
14111	CSA	N/A	7.39	439	48,831	362	N/A	7.73	650	22,677	106	0	0	Yes
14112	CSA	N/A	3.36	110	4,555	22	N/A	11.99	675	1,498	8	0	0	Yes
14114	CSA	N/A	6.02	292	58,652	657	N/A	12.88	1,104	20,200	134	0	0	Yes
14115	CSA	N/A	0.89	8	105	2	N/A	3.30	138	0	0	0	0	Yes
14116	CSA	N/A	1.18	79	10,059	76	N/A	1.96	342	2,171	19	0	0	Yes
14117	ESA	N/A	1.05	75	2,506	16	N/A	1.79	92	205	4	0	0	Yes
14119	ESA	N/A	0.15	3	120,644	750	N/A	29.85	2,165	24,007	109	0	0	Yes
14120	ESA	N/A	1.83	20	8,956	25	N/A	15.29	989	21,380	90	0	0	Yes
14121	ESA	N/A	16.76	261	56,470	506	N/A	24.02	1,385	4,203	11	0	0	Yes
14122	ESA	N/A	0.00	0	0	0	N/A	25.67	1,538	905	9	0	0	Yes
14123	ESA	N/A	5.84	155	28,539	73	N/A	14.21	876	3,904	27	0	0	Yes
14124	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14144	ESA	N/A	6.90	562	171,338	848	N/A	10.51	889	14,524	78	0	0	Yes
14145	ESA	N/A	0.14	1	0	0	N/A	19.59	1,457	82,758	478	0	0	Yes
14196	PCA	N/A	0.00	0	0	0	N/A	0.08	1	0	0	0	0	Yes
14197	PCA	N/A	1.96	31	2,166	10	N/A	0.79	47	0	0	0	0	Yes
14198	PCA	N/A	2.02	50	865	4	N/A	3.39	244	9,399	48	0	0	Yes
14199	PCA	N/A	1.12	33	420	2	N/A	0.57	24	0	0	0	0	Yes
14200	PCA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14201	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14202	SHA	N/A	1.05	11	489	2	N/A	1.20	1	106	1	0	0	Yes
14207	ESA	N/A	0.15	1	0	0	N/A	0.00	0	0	0	0	0	Yes
14208	ESA	N/A	0.00	0	0	0	N/A	0.05	1	0	0	0	0	Yes
14209	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14210	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14216	ESA	N/A	6.75	121	118,073	530	N/A	25.82	1,847	910,302	1,949	0	0	Yes
14217	SHA	N/A	5.12	25	13,408	111	N/A	6.77	602	177,636	290	0	0	Yes
14218	SHA	N/A	0.05	2	18,660	20	N/A	21.29	1,104	39,099	246	0	0	Yes
14274	SHA	N/A	26.39	459	77,101	986	N/A	6.55	277	0	0	0	0	Yes
14275	ESA	N/A	2.40	14	109,393	1,273	N/A	23.76	1,260	4,220	29	0	0	Yes
14306	ESA	N/A	17.24	395	122,769	517	N/A	1.79	24	0	0	0	0	Yes
14310	ESA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14341	CSA	N/A	6.43	21	4,875	17	N/A	0.00	0	0	0	0	0	Yes
14572	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes
14573	SHA	N/A	0.00	0	0	0	N/A	0.00	0	0	0	0	0	Yes

(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 2015	(Z) Recorded Peak Load Recorded through December 31 2016
2.98	0.07	0	0	0	2.91	56	0	0	1%	14
3.05	0.21	0	0	0	2.84	30	0	0	2%	16.8
2.98	0.15	0	0	0	2.83	20	0	0	1%	10.5
2.86	1.56	0	5,289	168	1.30	11	0	0	1%	10.4
1.94	0.15	0	0	0	1.78	44	0	0	0%	3.7
1.85	0.21	0	0	0	1.64	37	0	0	0%	7.7
5.07	3.38	0	0	0	1.69	3	0	0	0%	11.4
4.84	3.01	0	0	0	1.83	18	48,880	1,020	2%	28.5
7.66	2.07	0	0	0	5.59	82	0	0	0%	10.5
3.38	3.20	0	0	0	0.19	0	0	0	1%	22.6
6.82	3.19	0	0	0	3.64	48	0	0	4%	32.1
0.00	0.00	0	0	0	0.00	0	0	0	0%	3.2
1.84	0.24	0	0	0	1.60	30	161,755	1,504	3%	22.6
4.17	2.21	0	0	0	1.96	3	0	0	3%	20.1
0.00	0.00	0	0	0	0.00	0	2	2	0%	5.9
2.06	0.00	0	0	0	2.06	15	0	0	3%	8
3.58	1.21	0	0	0	2.37	20	14,025	314	2%	18.9
2.63	0.52	0	0	0	2.11	18	269	83	0%	7
0.08	0.08	0	0	0	0.00	0	0	0	0%	6.3
0.12	0.12	0	0	0	0.00	0	0	0	0%	8.1
1.42	0.73	0	0	0	0.69	0	0	0	0%	5.8
0.22	0.03	0	0	0	0.19	0	0	0	0%	5.3
0.33	0.15	0	0	0	0.18	0	0	0	1%	3.2
0.50	0.08	0	0	0	0.42	0	0	0	0%	8.5
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
6.08	1.82	0	0	0	4.26	1	0	0	0%	8.8
3.09	1.22	0	0	0	1.87	1	0	0	6%	15.6
7.68	4.47	0	0	0	3.22	0	0	0	5%	23.4
5.32	0.32	0	0	0	5.00	91	16,838	1,215	3%	15.1
5.49	3.09	0	0	0	2.39	7	54,766	1,259	2%	20
3.61	0.51	0	0	0	3.11	69	36,180	314	4%	18.2
0.40	0.10	0	0	0	0.30	0	0	0	0%	11.3
1.10	0.09	0	0	0	1.01	0	1,796	21	-1%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0
0.00	0.00	0	0	0	0.00	0	0	0	0%	0.2