

Robert L. McGee, Jr.
Regulatory & Pricing Manager

One Energy Place
Pensacola, Florida 32520-0780

Tel 850.444.6530
Fax 850.444.6026
RLMCGEE@southernco.com

REPORT
March 1, 2016



March 1, 2016

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0868

Dear Ms. Stauffer:

Attached is Gulf Power Company's Annual Distribution Service Reliability Report as required by Rule 25-6.0455, along with annual storm hardening initiatives as required in Order No. PSC-06-0781-PAA-EI and the status report on Gulf's Storm Hardening Plan as required by Paragraph 7 of the "Process to Engage Third party Attachers" Stipulated Agreement dated September 26, 2007 in Docket No. 070299-EI.

Sincerely,

A handwritten signature in blue ink that reads "Robert L. McGee, Jr." in a cursive style.

Robert L. McGee, Jr.
Regulatory and Pricing Manager

md

Attachment

cc w/attach: Mr. Thomas Ballinger, Director, Division of Engineering

Reliability
and
Storm Hardening Initiatives
Report

March 1, 2016



Table of Contents

1.0	STATUS REPORT OF IMPLEMENTATION OF STORM HARDENING PLAN	4
1.1	2015 STORM HARDENING ACTIVITIES	4
2.0	WOOD POLE INSPECTION PROGRAM	6
2.1	WOOD POLE INSPECTION DESCRIPTION.....	6
2.2	2015 ACCOMPLISHMENTS.....	6
2.3	PROJECTED 2016 GOALS	6
3.0	VEGETATION MANAGEMENT PROGRAMS	7
3.1	DISTRIBUTION VEGETATION MANAGEMENT (VM) PLAN OVERVIEW	7
3.2	TRANSMISSION VEGETATION MANAGEMENT PLAN OVERVIEW	7
3.3	SUPPLEMENTAL VM PROGRAMS	7
3.4	COMPANY’S OVERALL VEGETATION MANAGEMENT SUMMARY.....	8
3.5	2015 DISTRIBUTION PERFORMANCE METRICS (SYSTEM WIDE).....	8
4.0	JOINT USE POLE ATTACHMENT AUDITS	9
4.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS	9
4.2	JOINT USE ATTACHMENT AUDITS – DISTRIBUTION POLES	9
5.0	SIX-YEAR INSPECTION CYCLE FOR TRANSMISSION STRUCTURES	10
5.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS	10
5.2	TRANSMISSION CIRCUIT, SUBSTATION AND OTHER EQUIPMENT INSPECTIONS.....	10
5.3	TRANSMISSION METAL POLE AND TOWER INSPECTIONS	10
5.4	TRANSMISSION POLE INSPECTIONS	11
6.0	STORM HARDENING ACTIVITIES FOR TRANSMISSION STRUCTURES	11
6.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS	11
6.2	HARDENING OF EXISTING TRANSMISSION STRUCTURES (POLES)	11
7.0	DISTRIBUTION SUBSTATIONS	12
7.1	FIVE-YEAR PATTERNS/TRENDS IN RELIABILITY PERFORMANCE OF DISTRIBUTION SUBSTATIONS	12
7.2	DISTRIBUTION SUBSTATION RELIABILITY TRACKING	12
7.3	DISTRIBUTION SUBSTATION RELIABILITY PROBLEM IDENTIFICATION PROCESS	12
7.4	DISTRIBUTION SUBSTATION INSPECTIONS DURING NORMAL OPERATIONS	12
8.0	GEOGRAPHIC INFORMATION SYSTEM (GIS)	13
8.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS	13
8.2	DISTRIBUTION OVERHEAD DATA INPUT	13
8.3	DISTRIBUTION UNDERGROUND DATA INPUT	13
9.0	POST STORM DATA COLLECTION AND FORENSIC ANALYSIS	14
9.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS	14
10.0	OUTAGE DATA DIFFERENTIATING BETWEEN OVERHEAD AND UNDERGROUND SYSTEMS	15
10.1	ACTIVITIES AND COSTS INCURRED IN 2015 AND 2016 PROJECTIONS	15
11.0	COORDINATION WITH LOCAL GOVERNMENTS	16
11.1	ONGOING PROGRAMS	16
11.2	STORM PREPARATION	17
11.3	STORM RESTORATION.....	17
12.0	COLLABORATIVE RESEARCH	18

13.0	DISASTER PREPAREDNESS AND RECOVERY PLAN	18
13.1	ACTIVITY AND COSTS INCURRED FOR 2015 AND 2016 PROJECTIONS.....	18
13.2	DISASTER RECOVERY PLAN ACTIVITY.....	18
13.3	HURRICANE DRILL	18
14.0	STORM SEASON READY STATUS.....	19
15.0	2015 RELIABILITY PERFORMANCE	20
15.1	OVERALL PERFORMANCE	20
15.2	DATA TRACKING LEVEL.....	21
15.3	CRITICAL REVIEW OF DETAILED RELIABILITY DATA	21
15.4	IDENTIFICATION AND SELECTION OF DETAILED RELIABILITY DATA.....	21
15.5	GENERATION EVENTS – ADJUSTMENTS	22
15.6	TRANSMISSION EVENTS – ADJUSTMENTS.....	22
15.7	EXTREME WEATHER – ADJUSTMENTS.....	22
15.8	OTHER DISTRIBUTION ADJUSTMENTS	22
15.9	ADJUSTED RELIABILITY	22
	15.9.1 Outage Event Causes	22
	15.9.2 Three Percent Feeder List.....	30
	15.9.3 Regional Reliability Indices	31
15.10	OVERHEAD – UNDERGROUND RELIABILITY	31
	15.10.1 Five-Year Patterns	31
	15.10.2 Identification and Selection/Process Improvements	33
	15.10.3 2015 Activities and Budget Allowances	33
	15.10.4 Overhead (OH) and Underground (UG) Metrics	33
15.11	RELIABILITY RELATED CUSTOMER COMPLAINTS	34
	15.11.1 Five-Year Patterns	34
	15.11.2 Correlation of Reliability Related Customer Complaints to Indices.....	34
	15.11.3 Identification and Selection/Process Improvements	34

APPENDICES

- APPENDIX 1 RELIABILITY DATA**
- APPENDIX 2 ANNUAL WOOD POLE INSPECTION REPORT**
- APPENDIX 3 FEEDER SPECIFIC DATA**
- APPENDIX 4 PURC REPORT ON COLLABORATIVE RESEARCH**
- APPENDIX 5 CROSS REFERENCE INDEX**

1.0 Status Report of Implementation of Storm Hardening Plan

This section is intended to fulfill the requirement for filing a status report of Gulf Power Company's Storm Hardening Plan. A "Stipulation and Agreement" was signed between Gulf Power Company (Gulf or Company) and the Florida Cable Telecommunications Association (FCTA) on November 9, 2010. This agreement was revisited in November 2013 and signed again by Gulf and FCTA.

On May 1, 2013, Gulf Power Company filed its 2013-2015 Storm Hardening Plan update with the Florida Public Service Commission (FPSC) as required by Rule 25-6.0342, F.A.C., Docket No. 130139-EI was opened to address the update. On December 3, 2013, the FPSC approved Gulf's 2013-2015 Storm Hardening Plan.

1.1 2015 Storm Hardening Activities

The following storm hardening activities were initiated and/or completed in the field during 2015:

Distribution

Gulf continued to hold meetings in order to enhance communications between Gulf's field personnel and third party attachers. Meeting notifications were sent to the following third party attachers:

1. AT&T
2. Brighthouse Networks, LLC
3. Century Link
4. Century Tel/Madison River Communication
5. CHELCO
6. City of Pensacola
7. Comcast Joint Holdings, Inc.
8. Cox Communications Gulf Coast
9. Cubic Defense Applications
10. Escambia County Schools
11. Fibercast Cable Communications
12. Frontier Communications NW, Inc.
13. GTC/Fairpoint Communications
14. Kentucky Data Link, Inc., dba Windstream
15. Knology, dba WOW (Way Out West)
16. Level 3 Communications, LLC
17. MediaCom
18. Southern Light, LLC
19. Valparaiso Broadband Communications
20. Walton County
21. Verizon

Gulf's permit administrator (ICON Consulting) and pole removal contractor (Davey Resource Group) also attended these meetings. Ongoing communication between all of these entities remains vital to the success of Gulf's storm hardening initiatives since detailed information on actual or proposed attachments is required to complete computer modeling of poles to determine the type and class to be installed.

During these meetings, Gulf reviewed:

- Planned major projects (both Company and customer driven)
- Grade B construction standards
- Pole Inspection program (Osrose)
- Permitting criteria related to removing attachments
- Pole removal program
- In-service wood pole inspection tagging
- 2016 Pole Attachment Survey plans

Organizational charts and maps identifying Gulf field personnel and areas of responsibility were provided to the third party attachers. The 2015 meetings were held in March and October. Attendees at these meetings held in Panama City and Pensacola included representation from:

- Gulf field personnel, special project engineers, technical services engineers, and their respective supervision and management
- AT&T
- Brighthouse Networks, LLC
- Century Link
- CHELCO
- Comcast Joint Holdings, Inc.
- Cox Communications Gulf Coast
- Davey Resource Group
- Escambia County Schools
- Fairpoint
- ICON Consulting
- Knology, dba WOW (Way Out West)
- MediaCom
- Southern Light, LLC

Prior to the 2015 hurricane season, representatives from Gulf, Century Link, and AT&T discussed their respective storm plans in the event of a major event. Since February 11, 2008, Gulf has assigned a liaison to AT&T during storm events. Since 2012, a liaison has been assigned to Century Link. Such conversations will again occur in 2016 thus continuing smooth and timely flow of information. In the event of a storm, Gulf will be ready to communicate restoration status information so that other attachers can then begin their own restoration work.

Gulf continues to focus on the distribution projects and objectives outlined as part of the 2013 – 2015 Storm Hardening Plan.

Distribution

- Critical Infrastructure Improvements
- Underground Network Improvements
- Infrared and Feeder Patrols
- Automated Overhead Faulted Circuit Indicators
- Distribution Automation
- Distribution Supervisory Control and Data Acquisition (DSCADA)

Transmission

- All critical lines were aerially inspected
- Four separate aerial patrols of the total system were completed
- Comprehensive walking/climbing and ground line inspections as part of the six-year inspection program were completed

2.0 Wood Pole Inspection Program

2.1 Wood Pole Inspection Description

Gulf's 2015 Wood Pole Inspection Program was designed to comply with FPSC Order No. PSC-06-0144-PAA-EI (eight-year inspection cycle) and FPSC Order No. PSC-07-0078-PAA-EU (allowed certain deviations regarding CCA poles less than 15 years in age and poles surrounded by concrete and asphalt). In 2015, Gulf started the second year of the second eight-year inspection cycle, utilizing its existing wood pole inspection matrix. This matrix is based on pole age, treatment type and condition, and allows the selective excavation and boring of newer poles.

2.2 2015 Accomplishments

In 2015, a total of 25,563 poles were inspected with a rejection rate of 2.71%. See Appendix 2, titled "Annual Wood Pole Inspection Report" for details.

Gulf also completed change out of all poles identified as rejects from all inspections prior to 2015 and began changing out poles identified as rejects in the 2015 inspection.

2.3 Projected 2016 Goals

Gulf intends to continue its pole inspection program in 2016 to ensure the Company maintains an eight-year inspection cycle. The 2016 inspections will represent the third year of Gulf's second eight-year inspection cycle.

In addition, the remaining poles identified as rejects in the 2015 inspection will be changed out in 2016. These poles will be upgraded to Grade B construction standards.

3.0 Vegetation Management Programs

3.1 *Distribution Vegetation Management (VM) Plan Overview*

In 2015, Gulf continued the Vegetation Management (VM) program approved by the FPSC in Order No. PSC 07-1022-FOF-EI. Gulf's vegetation management program consists of a three year cycle on main line feeders, four year cycle on laterals, and an annual cycle of inspections and correction on main line feeders.

3.2 *Transmission Vegetation Management Plan Overview*

Vegetation hazard removals continued to be the focus of Gulf's 2015 Transmission VM programs. Detailed ground patrols were performed on the transmission Right of Ways (ROW) in an effort to identify vegetation conditions requiring correction. All vegetation conditions identified by the 2015 patrols were corrected through vegetation removal or pruning activities. In 2015, Gulf was in full compliance with North American Electric Reliability Council (NERC) Standard FAC 003-3.

3.3 *Supplemental VM Programs*

Gulf continues to use the **Distribution Lock-Out Report (DLOR)** which is a tracking process developed by Gulf to document and track distribution feeder lock-outs. This program continues to be an effective VM tool across the company. The data collected during field evaluations by Gulf engineers and forestry specialists helps identify the root causes of feeder breaker lock-outs. This enables Gulf to modify and improve its VM management practices employed on the Company's distribution system. The use of DLOR will continue to be a valued element of our future VM programs.

"Tree Gulf" was continued throughout 2015 as a tool to proactively report and address problem vegetation conditions that could pose a future threat to system reliability. "Tree Gulf" streamlined the internal reporting process and electronically produced work-orders directly to Forestry Services to inspect and correct potential vegetation related risks. This tool enabled every Gulf employee, including non-field personnel, the ability to easily report vegetation concerns through phone, radio, or email communication.

3.4 Company's Overall Vegetation Management Summary

During 2015, Gulf pruned 241 mainline miles. Additionally, 482 miles of main line primary were inspected and any vegetation conditions found to be out of specification were pruned or removed. Gulf also pruned 913 miles of lateral primary lines.

3.5 2015 Distribution Performance Metrics (System Wide)

1. Distribution VM Reliability

Outages & Interruptions	FEEDER			LATERAL		
	Unadjusted	Adjusted	Diff.	Unadjusted	Adjusted	Diff.
A) Number of Outages	10	10	0	1,663	1,625	38
B) Customer Interruptions	11,849	11,849	0	59,347	57,352	1,995
C) Outages Per Mile	0.0131	0.0131	0.0000	0.3275	0.3200	0.0075
D) CI Per Mile	15.47	15.47	0.00	11.69	11.30	0.39
E) Customer Minutes of Interruption	1,154,561.4	1,154,561.4	0.0	7,466,173.6	7,094,529.0	371,644.6

2. Distribution Performance

VM Miles Cleared and Contractor Cost	Plan (mi)	Actual (mi)	Plan (\$)	Actual (\$)
A) MATS Mainline Annual Trim Schedule (3 Year Cycle)	241	241	\$740,000	\$816,463
B) MICS Mainline Inspect & Correct Schedule (1 Year Cycle)	482	482	\$267,850	\$309,870
C) SALT Scheduled Annual Lateral Trim (4 Year Cycle)	1,287	913	\$4,504,500	\$2,889,587
D) TICKETS (T) Hot Spot Tickets Inspected and Worked Completed with Contract Cost	Feeder (T) 0	Lateral (T) 5,645	Feeder (\$) \$0.00	Lateral (\$) \$628,334

3. Total Distribution Vegetation Cost

VM Planned Vs Actual Program Costs	Plan (\$)	Actual (\$)
A) VM Contractor Costs (MATS, MICS, SALT, TICKETS, HERBICIDE, MOWING, MISCELLANEOUS)	\$5,918,707	\$5,256,497
B) VM Other Program Costs (Internal Labor and Miscellaneous)	\$30,000	\$31,093
C) Total Distribution Vegetation Cost	\$5,948,707	\$5,287,590

4.0 Joint Use Pole Attachment Audits

Gulf performs its joint use inventory audits, covering the overhead distribution system as required by FPSC Order No. PSC-06-0781-PAA-EI every five years. The most recent audit was completed on December 15, 2011. The 2016 Pole Attachment Survey began on January 14, 2016, and is scheduled to be completed by August 15, 2016.

4.1 Activity and Costs Incurred for 2015 and 2016 Projections

No additional costs were incurred in 2015. Anticipated costs in 2016 are \$500,000.

4.2 Joint Use Attachment Audits – Distribution Poles

(A) Number of company owned distribution poles (See Note 1)	200,511
(B) Number of company distribution poles leased: 8 Telecomm attachers on Gulf's poles (See Note 1)	136,927
(C) Number of owned distribution pole attachments: 7 CATV, numerous Government and other 3 rd party attachers on Gulf's poles (See Note 1)	159,012
(D) Number of leased distribution pole attachments: Foreign poles Gulf Power is attached to (See Note 1)	57,312
(E) Number of authorized attachments: Sum of all attachments to Gulf Power Company poles (See Note 1)	295,939
(F) Number of unauthorized attachments:	0
(G) Number of apparent NESC violations involving electric infrastructure	Note 2
(H) Number of apparent NESC violations involving 3 rd party facilities	Note 2

NOTES:

Note 1: Data has been updated based on the 2015 year end GIS data.

Note 2: When Gulf becomes or is made aware of NESC violations, corrective measures are taken.

5.0 Six-Year Inspection Cycle for Transmission Structures

5.1 Activity and Costs Incurred for 2015 and 2016 Projections

In 2004, Gulf participated with Georgia Power Company, Alabama Power Company, and Mississippi Power Company to develop and adopt the Southern Company Transmission Line Inspection Guidelines. Based on these guidelines Gulf's Transmission Line Inspection Program is a combination of three separate programs; (1) a ground line treatment inspection which is performed by a contractor, (2) a comprehensive walking inspection which is performed both by Company line personnel and contractor line crews, and (3) aerial inspections. Gulf Power Company's transmission inspection program is based on two alternating twelve-year cycles which result in a structure being inspected at least every six years. As part of the Transmission Line Inspection Standards, Gulf performs at least four routine aerial patrols each year.

In 2015, Gulf Power spent a total of \$63,844 on a combination of comprehensive walking and ground line treatments for metal poles and towers. In addition to this amount, Gulf spent \$130,873 on a combination of comprehensive walking inspections and ground line treatments for wood and concrete poles. These amounts are shown in Section 5.3 and 5.4 respectively. All inspections are on schedule to meet the six-year timeline. Gulf performed four aerial inspections of its system with an actual cost of \$18,013.

5.2 Transmission Circuit, Substation and Other Equipment Inspections

Gulf has 56 substations which have transmission equipment in service and completed at least one inspection of these substations during 2015. The costs associated with inspections are not tracked separately from general maintenance expenses. Gulf transmission does not inspect by circuit.

5.3 Transmission Metal Pole and Tower Inspections

	2015 Activity		2015 Costs		2016	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total Number of Transmission Metal Poles and Towers	-	2,519	-	-	-	-
(B) Number of Transmission Metal Poles and Towers Inspected	368	577	\$70,244	\$63,844	530	\$65,835
(C) Percent of Transmission Metal Poles and Tower Inspections Completed	-	157%	-	-	-	-

5.4 Transmission Pole Inspections

	2015 Activity		2015 Costs		2016	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total Number of Transmission Poles	-	15,481	-	-	-	-
(B) Number of Transmission Poles Inspected	1,491	2,495	\$214,666	\$130,873	1,743	\$199,120
(C) Number of Transmission Poles Passing Inspection	-	2,464	-	-	-	-
(D) Number of Transmission Poles Failing Strength Test (Overloaded)	-	N/A	-	-	-	-
(E) Number of Transmission Poles Failing Inspection (Other Reasons)	-	31	-	-	-	-
(F) Number of Transmission Poles Corrected (Strength Failure)	-	0	-	-	-	-
(G) Number of Transmission Poles Corrected (Other Reasons)	-	62	-	-	-	-
(H) Total Transmission Poles Replaced	-	62	-	-	N/A (Note 1)	-

NOTES:

Note 1: Gulf uses current year inspections and prior years' inspections in determining the poles to be replaced in the current year. Therefore a goal for poles to be replaced in 2016 is not applicable.

6.0 Storm Hardening Activities for Transmission Structures

6.1 Activity and Costs Incurred for 2015 and 2016 Projections

Gulf Power Company has completed its storm guying on all wooden H-frame structures and will continue the replacement of wooden cross arms with steel cross arms on the transmission system. These activities will add additional strength capacity to the existing structures.

Gulf Power Company believes continuing with the wooden cross arm replacement program is the best alternative for existing transmission assets most at risk. The replacement of wooden cross arms with steel cross arms will continue in 2016 and is on schedule to meet the 2017 completion date.

6.2 Hardening of Existing Transmission Structures (Poles)

	2015 Activity		2015 Costs		2016	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Transmission Structures Hardened	170	175	(Note 1)	(Note 1)	180	(Note 1)
(B) Percent Transmission Structures Hardening Completed	-	103%	-	-	-	-

Note 1: Actual dollars spent are incorporated into a budget for infrastructure replacement projects and not separated by hardening activity.

7.0 Distribution Substations

7.1 *Five-Year Patterns/Trends in Reliability Performance of Distribution Substations*

Gulf reviews each substation related outage, and actions are taken to reduce the possibility of a similar-caused outage occurring in the future. The review of data for the past five years does not show any trends or patterns affecting distribution substation reliability.

7.2 *Distribution Substation Reliability Tracking*

Each abnormal substation related outage is reviewed. Analyses are performed and corrections are made to reduce the potential for future outages as a result of a similar system disturbance.

7.3 *Distribution Substation Reliability Problem Identification Process*

In order to promote substation reliability, inspections are performed. These inspections include visual checks on all equipment including breakers, regulators, transformers and battery banks. The substation is verified to ensure proper signage. The fence is checked for security and proper grounding. Security lights are checked and weed problems are noted. Any abnormal condition is documented in Gulf Power's Standard Transmission Operation and Maintenance Program (STOMP) and scheduled for repair.

Along with substation inspections, equipment maintenance is performed on a regular cycle to maintain reliability. A detailed battery inspection is completed every six months with impedance tests performed every four years. Preventative diagnostics on Oil Breakers are performed every two years. Preventative diagnostics on 12kV vacuum breakers are performed every four years. Preventative diagnostics on regulators are performed every year. A dissolved gas analysis is performed on transformers every year and power factor testing is performed every six years.

7.4 *Distribution Substation Inspections During Normal Operations*

Gulf inspected each of its distribution substations at least once during 2015.

8.0 Geographic Information System (GIS)

8.1 Activity and Costs Incurred for 2015 and 2016 Projections

Gulf completed its distribution facilities mapping transition to the Distribution Geographic Information System (DistGIS) in 2009. DistGIS data continues to be updated with any additions and changes as the associated work orders for maintenance, system improvements, and new business are completed.

The Transmission system has been completely captured in the Transmission GIS database. Transmission GIS continues to be updated with any additions and changes as the associated work orders for maintenance, system improvements, and new business are completed.

8.2 Distribution Overhead Data Input

All overhead distribution equipment has been captured in Gulf's DistGIS database including conductors, transformers, regulators, capacitors and switches. This includes protective devices such as reclosers, sectionalizers and fuses. DistGIS continues to be updated with any additions and changes as the associated work orders for maintenance, system improvements, and new business are completed. This on-going process provides Gulf with sufficient facility information for the collection of forensic data to assess the performance of the overhead system in the event of a major storm.

8.3 Distribution Underground Data Input

All underground distribution equipment has been captured in Gulf's DistGIS including conductors, transformers, regulators and switches. This includes protective devices such as reclosers, sectionalizers and fuses. DistGIS continues to be updated with any additions and changes as the associated work orders for maintenance, system improvements, and new business are completed. This on-going process provides Gulf with sufficient facility information for the collection of forensic data to assess performance of the underground system in the event of a major storm.

9.0 Post Storm Data Collection and Forensic Analysis

9.1 Activity and Costs Incurred for 2015 and 2016 Projections

Distribution:

The 2015 storm season was uneventful; as such, there was no need to mobilize the forensic data collection process and contractor. In order to confirm the process, GIS data was updated in the contractor's hand held computers and data collection was tested prior to storm season to ensure the data collection system was working properly and ready to deploy in the event of a storm.

Gulf will continue to confirm and test the process in 2016 to ensure the Company and contractors are ready to perform post-storm forensics if needed.

Transmission:

Gulf Power Company's Transmission department's storm forensics team will be led by the transmission engineering function. Utilizing an aerial patrol with a fixed wing aircraft, the team will capture an initial assessment of the level of storm damage to the transmission system. A follow-up aerial patrol utilizing helicopters will capture GPS coordinates for each failure and record the failures with the Transmission Line Inspection System (TLIS). When ground crews arrive on the scene, the construction inspector with the crew will be responsible for assessing all damage and making a determination as to the cause of the failure. Gulf's Transmission Engineering department will review all findings of the field inspection and determine if additional information should be gathered.

Gulf Power's existing Common Transmission Data Base (CTDB) will be utilized to capture all forensic information. The TLIS tool will be used to track all facility failures and create work orders to associate those failures with the affected facilities. TLIS utilizes geographic mapping software to track the location of the facilities.

10.0 Outage Data Differentiating Between Overhead and Underground Systems

Gulf did experience outages and damage associated with both the overhead and underground systems including several FPSC excludable events in 2015. These outage events, including the ones excludable under the FPSC rules, did not produce any major storm related data for analysis.

10.1 Activities and Costs Incurred in 2015 and 2016 Projections

Gulf continues to keep records and analysis of data associated with overhead and underground outages, some of which is included in Section 15.10.4 of this report.

System data is collected on each outage as it occurs using Gulf's Trouble Call Management System (TCMS). Data collected in 2015 is shown in the tables below. This data contains all outage event information including those events excluded under FPSC rules such as transmission outages, planned outages, and all other exclusions. The cost of collecting this data is minimal as existing systems and processes are utilized.

Customers	System	N	CI	CMI	Duration	SAIDI	SAIFI	CAIDI	L-Bar
449,471	Overhead	14,319	529,510	42,302,124	1,324,406	94.11	1.178	79.89	92.49
449,471	URD - Direct Burial	426	6,677	880,590	59,262	1.96	0.015	131.88	139.11
449,471	URD - In Conduit	199	4,191	654,693	26,123	1.46	0.009	156.21	131.27
449,471	URD - Injected	5	480	80,507	592	0.18	0.001	167.72	118.40
449,471	URD - Undetermined	951	17,604	2,388,182	133,194	5.31	0.039	135.66	140.06

Customers	Failure	N	CI	CMI	Duration	SAIDI	SAIFI	CAIDI	L-Bar
449,471	Pole - Wood	5	646	32,506	819	0.07	0.001	50.32	163.80

11.0 Coordination with Local Governments

Gulf is committed to coordinating with local governments on major projects and storm preparedness so that the customer will have the most reliable and efficient restoration of their electrical service. For all major projects, Gulf meets with governmental entities as appropriate to discuss the scope of the projects and coordinate activities involved with project implementation. Gulf also works very closely with the county Emergency Operation Centers (EOCs) in its service area for storm preparedness and restoration activities and actively pursues a positive and cooperative relationship with the leadership in every community served.

In addition, Gulf maintains year-round contact with city and county officials to ensure cooperation in planning, good communications and coordination of activities. Gulf has designated employees in every community whose job is to keep in regular contact with city, county and business leadership.

The mission of Gulf Power is to *safely provide exceptional customer value by delivering reliable, affordable, and environmentally responsible electricity while strengthening our communities.*

11.1 Ongoing Programs

Gulf has several employees with local government liaison responsibilities in Northwest Florida. District managers are located in Pensacola, Ft. Walton, and Panama City. Local managers, who report to the district managers, are located in Milton, Crestview, and Chipley. These and other Gulf employees interact with city and county personnel on a daily/weekly basis regarding numerous issues, including emergency preparedness as needed. Gulf employees are also actively involved in specific government/business committees that focus on emergency preparedness needs in Northwest Florida. Examples of those include:

- Gulf's Corporate Emergency Management Center Specialist is a Board Member of BRACE (Be Ready Alliance for Coordinating for Emergencies). BRACE is an Escambia County organization unique to Florida but part of a federal government directive that encourages communities to develop more effective preparedness programs for various types of disasters.
- Member of the Okaloosa County Community Emergency Response Team (CERT). This Committee is a coordinated effort between government and business to address emergency preparedness issues on a monthly basis.

Gulf's Line Clearance Specialists and Forestry Services Technicians communicate routinely with members of the community, government officials, and military leaders concerning area vegetation management projects and other issues such as: (1) new customer and Gulf construction projects; (2) utility right-of-way maintenance; (3) major initial clearing projects (i.e. road additions and re-sizing projects, new distribution feeders, water and sewer projects, military

projects and missions, etc.); and (4) storm preparation and recovery activities. Routine communications range from office and field visits to phone and radio conversations. In addition to numerous planning meetings with the EOCs, Gulf personnel also participated in the following hurricane activities with governmental entities in 2015:

- Hurricane Drills
- All Local and State EOC Activations
- EOC Representative Training
- Statewide Exercises

Gulf also conducted a storm drill on May 11, 2015, as it normally does each year.

11.2 Storm Preparation

Thirteen Gulf employees are assigned to the county EOCs throughout Northwest Florida. Each of these employees has received federal certification under the National Incident Management System (NIMS) through the Federal Emergency Management Agency (FEMA). These EOC Representatives assist city and county agencies and officials during emergencies that warrant activation of the county EOCs. Gulf provides 24-hour coverage throughout the duration of the EOC activation and keeps the agencies and officials informed of the progress of electrical restoration efforts. All actions are based on Gulf Power's Emergency Operations Plan.

Gulf Power's Emergency Operations Plan includes pre-storm communications, ongoing communications, and post-storm communications supplied by the Corporate Communications Department. Company News Releases are delivered to the County EOCs at least twice daily during storm restoration events to keep local government agencies and officials apprised of the latest restoration activities.

11.3 Storm Restoration

Gulf maintains an active communication link with the activated EOCs for storm events. Gulf EOC Representatives coordinate pre-storm activities with the County EOCs to establish emergency communication links with local and state officials, the media, and restoration crews for all EOC activations.

Gulf strives to restore emergency services as safely and quickly as possible. In addition, Gulf continues to storm-harden critical infrastructure, and implement stronger construction standards as outlined in the 2013 – 2015 Storm Hardening Plan. Gulf's service area was not adversely affected by named storms in 2015. Two small events (an April 25th straight line weather event and the rain event associated with the remnants of Hurricane Patricia) were handled by the local district offices. It was therefore not necessary to fully activate Gulf's CEMC.

Personnel were assigned to work with the local EOC's to facilitate communications.

12.0 Collaborative Research

As a member of the Public Utility Research Center (PURC), Gulf participates in the research activities for Storm Hardening as described by PURC management in Appendix 4.

13.0 Disaster Preparedness and Recovery Plan

Gulf Power continues to maintain a Disaster Preparedness and Recovery Plan (Gulf's Storm Restoration Procedures Manual).

13.1 Activity and Costs Incurred for 2015 and 2016 Projections

Gulf continues to provide annual refresher training (instructor lead and computer based) in the area of storm preparedness for various storm roles at minimal cost.

It is anticipated that there will be less than \$20,000 incurred for expenditures associated with the activation of the Company Emergency Management Center (CEMC) as part of the 2016 storm drill.

13.2 Disaster Recovery Plan Activity

Gulf's 2016 Storm Restoration Procedures Manual is currently being revised and reviewed by management. Any revisions to this manual will be incorporated by April 1, 2016. Storm assignments and training schedules are being finalized with plans for training to be completed prior to hurricane season.

13.3 Hurricane Drill

Gulf's hurricane drill was held on May 11, 2015. The drill involved testing Gulf's ENN! system (Emergency News Now) and checking whether all Gulf employees' contact information was current. A table top exercise simulated a pre-planning/activation conference call with participation from all 22 functional storm team leaders. The final exercise tested the Company's readiness to deal with an unexpected event during a restoration effort. That unexpected event involved an active shooter at one of our staging sites.

The 2016 annual drill is scheduled for May 3rd, Company plans include activating the CEMC, transferring control of substations to field personnel, patrolling feeders, processing personnel through a scaled down check-in site, testing the forensic data collection process, and relocating the transmission control center to the alternate storm hardened location.

14.0 Storm Season Ready Status

Storm Recovery Plan

Gulf uses the strategy described in its Storm Restoration Procedures Manual to respond to any natural disaster that may occur in Gulf's service area. This plan proved to be very effective in recovering from two historic weather events in 2014. On January 28th, Gulf's service area received 1.8 inches of snow as well as between ¼ and ½ inches of ice. Three months later, on April 29th, over 20 inches of rain fell in 24 hours resulting in extensive damage to the communities that Gulf Power serves. Gulf's restoration efforts were recognized when the Company was named a winner of the Edison Electric Institute Emergency Recovery Award in February 2015.

As part of its annual operations and culture of preparedness, Gulf continues to review and refine its planning and preparations for the possibility of another natural disaster in the Florida panhandle. Plans are updated annually to build on what has worked well and to review areas that still require additional improvement. In these updates, Gulf strives for continuous improvement by building on experiences from recovery efforts within northwest Florida as well as from lessons learned while assisting other utilities that have experienced natural disasters.

Gulf's plan has been incorporated within a detailed and proprietary Storm Recovery Plan procedure manual. The restoration procedures establish a plan of action to be utilized for the operation and restoration of generation, transmission, and distribution facilities during major disasters. Such disasters include hurricanes, tornadoes, ice, and flood events that could cause widespread outages to Gulf's customers.

The overall objective is to restore electric service to Gulf's customers as quickly as possible while protecting the safety of everyone involved.

The Company acquires support from a number of resources, including but not limited to, the Southeastern Electric Exchange (SEE) Mutual Assistance Group and Southern Company for distribution, logistics, and transmission assistance.

In the logistics and support areas, contracts are negotiated and confirmed with vendors for services such as food, lodging, materials, transportation, fuel and other support functions. Staging sites are secured, and if needed, agreements are negotiated and signed. Gulf's Supply Chain Management department ensures that materials on hand, along with additional materials available from material vendors, are sufficient to meet the anticipated demands of the storm season.

15.0 2015 Reliability Performance

15.1 Overall Performance

Gulf Power's 2015 Adjusted System Average Interruption Duration Index (SAIDI) is reported as 88.2 minutes, which is an increase of 0.3 minutes over the 2014 results. In 2015, the Adjusted System Average Interruption Frequency Index (SAIFI) was 1.020 interruptions; up from the 2014 results of 0.934 interruptions, an increase of 0.086 interruptions.

Gulf Power's Actual Metrics decreased from 196.54 SAIDI to 103.02 SAIDI, a 48% decrease. SAIFI decreased from 1.575 to 1.242, a 21% decrease. The Adjusted Customer Average Interruption Index (CAIDI) is reported as 86.46 minutes, a change from 94.13 minutes in 2014 (8% decrease).

The Adjusted Momentary Average Interruption Frequency Index (MAIFIE) and associated momentary interruptions that Gulf Power's customers experienced decreased to 2.23 in 2015 compared to 2.33 in 2014. In 2015, the percent of customers experiencing more than 5 interruptions – Customer Experiencing More Interruptions than 5 (CEMI5), increased to 0.76% compared to 0.34% in 2014.

Both Actual and Adjusted Average Duration of Outage Events (L-Bar) decreased in 2015. Adjusted L-Bar decreased from 115.75 to 112.42 in 2015.

Gulf Power's Total Adjusted Number of Outages (N) increased from 8,997 to 10,280 in 2015. However, reliability improved overall in MAIFIE, CAIDI, L-Bar, CEMI5, and SAIDI remained nearly unchanged from the previous year. This is due to Gulf's continued improvement efforts throughout its distribution system, including distribution automation and root cause mitigation.

Gulf's only distribution weather exclusions in 2015 were tornados with minimal impact to the system. These are listed in Section 15.7.

See Appendix 1 for 2015 actual data and adjusted data.

15.2 Data Tracking Level

Gulf continues to collect outage data down to the customer meter level using the Trouble Call Management System (TCMS).

15.3 Critical Review of Detailed Reliability Data

In 2015, Gulf experienced one severe storm event, but it did not meet the FPSC exclusion criteria. On April 25th, Gulf experienced widespread, severe thunderstorms and high winds throughout its territory. During this event, over 23,000 customers lost power in a 24 hour timeframe. Overall, Gulf accumulated 11.46 SAIDI minutes and 290 outages in one day. If Gulf were to exclude this outage event, its 2015 Adjusted metrics would be:

Metric	Reported	Adjusted Metric	April 25 th Storm Impact	Adjusted Metric without April 25 th Storm
N	10,280		290	9,990
SAIDI	88.20		11.46	76.74
SAIFI	1.020		0.053	0.967

If Gulf were to exclude this unusually severe thunderstorm from its reliability reporting, the Adjusted Lateral CMI from Section 3.5 Distribution VM Reliability would have only been 5,509,628.9 instead of 7,094,529.0. This is comparable to the 4,529,116.1 CMI for Adjusted Lateral CMI in 2014.

Western District was severely impacted by the event on April 25th. Western's Total SAIDI would decline from 110.23 to 87.95 minutes, and SAIFI would decline from 1.213 to 1.113 events. Vegetation and Other Weather were two of the most common outage causes during this event. The Number of Outages due to Vegetation in Western would drop from 1,194 to 1,056. Vegetation SAIDI in Western would drop from 32.42 to 20.08 minutes, which is in line with historical performance. Other Weather SAIDI in Western would decline from 6.53 to 4.78 minutes, also in line with historical performance.

15.4 Identification and Selection of Detailed Reliability Data

The identification and selection of detailed reliability data continues to be a part of Gulf's TCMS process. Gulf's outage data collection captures information down to the customer level. As a result, Gulf can review data and the resulting reliability indices at the system level and by its three districts – Western, Central, and Eastern.

15.5 Generation Events – Adjustments

There were no generation events excluded from distribution reliability reporting in 2015.

15.6 Transmission Events – Adjustments

See Appendix 1 for transmission excluded events and associated outage causes and resolutions for 2015.

15.7 Extreme Weather – Adjustments

Tornado Events	N	CI	CMI	SAIDI	SAIFI
April	29	1,028	238,980	0.53	0.002
November	11	703	130,093	0.29	0.002
December	42	3,087	397,947	0.89	0.007

15.8 Other Distribution Adjustments

Please see Appendix 1 for the document exclusions table and details associated with planned outage exclusions.

15.9 Adjusted Reliability

15.9.1 Outage Event Causes

15.9.1.1 Five-Year Patterns

Below are trending tables that show the number of outages (N), SAIDI, and SAIFI along with their respective percentage of change. The tables show the percentage change over the past five years associated with the top outage causes. Each table shows results by District and for the total company.

Gulf is still in the process of analyzing the 2015 data to determine the need for any specific improvement activities beyond current programs and storm hardening initiatives which are underway.

Cause	System Totals						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	2,495	2,371	2,820	2,308	2,503	2,541
	% Change	-16%	-5%	19%	-18%	8%	2%
Eastern	N	1,913	1,753	1,982	2,087	1,961	2,010
	% Change	-3%	-8%	13%	5%	-6%	2%
Western	N	5,929	5,465	6,148	5,536	4,533	5,729
	% Change	-6%	-8%	12%	-10%	-18%	26%
Company	N	10,337	9,589	10,950	9,931	8,997	10,280
	% Change	-8%	-7%	14%	-9%	-9%	14%

Cause	Animals						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	847	843	1,174	778	701	860
	% Change	-10%	-1%	39%	-34%	-10%	23%
Eastern	N	344	338	377	371	303	303
	% Change	10%	-2%	12%	-2%	-18%	0%
Western	N	1,772	1,832	2,034	1,708	1,128	1,580
	% Change	-5%	3%	11%	-16%	-34%	40%
Company	N	2,963	3,013	3,585	2,857	2,132	2,743
	% Change	-5%	2%	19%	-20%	-25%	29%

Cause	Defective Equipment						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	693	529	604	554	574	578
	% Change	-12%	-24%	14%	-8%	4%	1%
Eastern	N	627	531	649	601	538	611
	% Change	11%	-15%	22%	-7%	-11%	14%
Western	N	1,578	1,182	1,308	1,222	1,145	1,151
	% Change	10%	-25%	11%	-7%	-6%	1%
Company	N	2,898	2,242	2,561	2,377	2,257	2,340
	% Change	4%	-23%	14%	-7%	-5%	4%

Cause	Vegetation						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	253	259	265	335	298	336
	% Change	-8%	2%	2%	26%	-11%	13%
Eastern	N	276	289	294	365	333	358
	% Change	-15%	5%	2%	24%	-9%	8%
Western	N	811	813	795	891	663	1,194
	% Change	-4%	0%	-2%	12%	-26%	80%
Company	N	1,340	1,361	1,354	1,591	1,294	1,888
	% Change	-7%	2%	-1%	18%	-19%	46%

Cause	Lightning						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	299	385	334	241	431	342
	% Change	-36%	29%	-13%	-28%	79%	-21%
Eastern	N	305	282	343	334	418	376
	% Change	-13%	-8%	22%	-3%	25%	-10%
Western	N	965	860	1,198	877	978	1,070
	% Change	-23%	-11%	39%	-27%	12%	9%
Company	N	1,569	1,527	1,875	1,452	1,827	1,788
	% Change	-25%	-3%	23%	-23%	26%	-2%

Cause	Unknown						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	170	200	206	206	204	182
	% Change	-41%	18%	3%	0%	-1%	-11%
Eastern	N	136	154	160	186	151	167
	% Change	-32%	13%	4%	16%	-19%	11%
Western	N	333	337	310	323	202	249
	% Change	-33%	1%	-8%	4%	-38%	23%
Company	N	639	691	676	715	557	598
	% Change	-35%	8%	-2%	6%	-22%	7%

Cause	Vehicle						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	57	57	64	51	75	77
	% Change	-14%	0%	12%	-20%	47%	3%
Eastern	N	66	67	51	65	72	67
	% Change	-13%	2%	-24%	28%	11%	-7%
Western	N	141	125	160	156	142	149
	% Change	6%	-11%	28%	-3%	-9%	5%
Company	N	264	249	275	272	289	293
	% Change	-4%	-6%	10%	-1%	6%	1%

Cause	Other Weather						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	37	8	47	46	99	70
	% Change	-25%	-78%	488%	-2%	115%	-29%
Eastern	N	46	21	33	67	43	30
	% Change	-2%	-54%	57%	103%	-36%	-30%
Western	N	67	56	125	136	54	151
	% Change	-11%	-16%	123%	9%	-60%	180%
Company	N	150	85	205	249	196	251
	% Change	-12%	-43%	141%	22%	-21%	28%

Cause	All Causes						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	139	90	126	97	121	96
	% Change	34%	-35%	40%	-23%	25%	-21%
Eastern	N	113	71	75	98	103	98
	% Change	33%	-37%	6%	31%	5%	-5%
Western	N	262	260	218	223	221	185
	% Change	35%	-1%	-16%	2%	-1%	-16%
Company	N	514	421	419	418	445	379
	% Change	34%	-18%	-1%	0%	7%	-15%

The SAIDI and SAIFI Trend Tables for the top causes are shown below:

Cause	System Totals						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	115.30	89.90	110.06	62.28	115.05	75.35
	% Change	8%	-22%	22%	-43%	85%	-35%
Eastern	SAIDI	133.41	110.29	88.24	118.36	72.83	59.19
	% Change	-5%	-17%	-20%	34%	-39%	-19%
Western	SAIDI	168.02	123.49	128.04	99.67	81.49	110.23
	% Change	7%	-27%	4%	-22%	-18%	35%
Company	SAIDI	145.65	111.46	113.20	94.82	87.91	88.20
	% Change	4%	-24%	2%	-16%	-7%	0%

Cause	System Totals						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	1.578	1.086	1.163	0.792	1.074	0.815
	% Change	46%	-31%	7%	-32%	36%	-24%
Eastern	SAIFI	1.638	1.309	0.932	1.252	0.785	0.859
	% Change	37%	-20%	-29%	34%	-37%	9%
Western	SAIFI	1.883	1.301	1.277	1.141	0.939	1.213
	% Change	19%	-31%	-2%	-11%	-18%	29%
Company	SAIFI	1.742	1.247	1.159	1.080	0.934	1.020
	% Change	28%	-28%	-7%	-7%	-14%	9%

Cause	Animals						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	8.82	7.66	14.85	8.58	5.32	8.38
	% Change	-13%	-13%	94%	-42%	-38%	58%
Eastern	SAIDI	9.81	3.94	4.72	7.13	6.23	2.60
	% Change	273%	-60%	20%	51%	-13%	-58%
Western	SAIDI	13.53	7.81	7.96	6.96	3.62	7.16
	% Change	-2%	-42%	2%	-13%	-48%	98%
Company	SAIDI	11.37	6.78	8.90	7.42	4.73	6.31
	% Change	14%	-40%	31%	-17%	-36%	33%

Cause		Animals					
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.183	0.132	0.231	0.144	0.093	0.125
	% Change	3%	-28%	75%	-38%	-35%	34%
Eastern	SAIFI	0.104	0.08	0.045	0.087	0.072	0.057
	% Change	215%	-23%	-44%	93%	-17%	-21%
Western	SAIFI	0.172	0.121	0.131	0.128	0.056	0.158
	% Change	29%	-30%	8%	-2%	-56%	182%
Company	SAIFI	0.157	0.113	0.135	0.122	0.070	0.124
	% Change	32%	-28%	20%	-10%	-43%	77%

Cause		Vegetation					
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	9.88	10.03	5.18	10.12	12.58	4.35
	% Change	37%	2%	-48%	95%	24%	-65%
Eastern	SAIDI	19.23	13.35	19.33	26.29	8.78	8.27
	% Change	-16%	-31%	45%	36%	-67%	-6%
Western	SAIDI	25.72	25.61	24.54	20.42	13.85	32.42
	% Change	22%	0%	-4%	-17%	-32%	134%
Company	SAIDI	20.00	18.46	18.22	19.27	12.22	19.02
	% Change	11%	-8%	-1%	6%	-37%	56%

Cause		Vegetation					
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.077	0.106	0.047	0.09	0.106	0.054
	% Change	-13%	38%	-56%	92%	18%	-49%
Eastern	SAIFI	0.189	0.138	0.127	0.231	0.081	0.107
	% Change	-15%	-27%	-8%	82%	-65%	32%
Western	SAIFI	0.219	0.222	0.161	0.210	0.142	0.242
	% Change	7%	1%	-28%	30%	-32%	70%
Company	SAIFI	0.175	0.171	0.123	0.185	0.117	0.159
	% Change	-2%	-2%	-28%	50%	-37%	36%

Cause		Lightning					
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	17.39	29.37	23.16	11.77	20.8	15.89
	% Change	-18%	69%	-21%	-49%	77%	-24%
Eastern	SAIDI	15.87	26.52	25.77	20.94	20.23	13.49
	% Change	-64%	67%	-3%	-19%	-3%	-33%
Western	SAIDI	33.65	28.41	37.02	24.22	19.82	31.27
	% Change	-36%	-16%	30%	-35%	-18%	58%
Company	SAIDI	24.92	28.17	30.57	20.18	20.18	22.76
	% Change	-41%	13%	9%	-34%	0%	13%

Cause	Lightning						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.174	0.269	0.214	0.141	0.162	0.142
	% Change	-27%	55%	-20%	-34%	15%	-12%
Eastern	SAIFI	0.121	0.237	0.276	0.207	0.157	0.186
	% Change	-62%	96%	17%	-25%	-24%	18%
Western	SAIFI	0.255	0.249	0.295	0.184	0.225	0.292
	% Change	-35%	-2%	19%	-38%	22%	30%
Company	SAIFI	0.200	0.251	0.269	0.179	0.191	0.226
	% Change	-40%	26%	7%	-34%	7%	18%

Cause	Other Weather						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	1.64	0.83	5.34	1.70	15.47	2.52
	% Change	-91%	-49%	543%	-68%	810%	-84%
Eastern	SAIDI	4.42	1.91	1.26	13.13	2.86	3.01
	% Change	26%	-57%	-34%	942%	-78%	5%
Western	SAIDI	3.10	3.92	5.88	5.39	1.05	6.53
	% Change	-45%	27%	50%	-8%	-81%	522%
Company	SAIDI	3.07	2.61	4.56	6.42	5.23	4.59
	% Change	-62%	-15%	75%	41%	-19%	-12%

Cause	Other Weather						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.012	0.003	0.053	0.014	0.129	0.026
	% Change	-87%	-75%	1667%	-74%	821%	-80%
Eastern	SAIFI	0.063	0.014	0.018	0.124	0.047	0.052
	% Change	40%	-78%	29%	589%	-62%	11%
Western	SAIFI	0.025	0.029	0.032	0.052	0.020	0.046
	% Change	-65%	16%	10%	63%	-62%	130%
Company	SAIFI	0.031	0.019	0.034	0.061	0.055	0.042
	% Change	-56%	-39%	79%	79%	-10%	-24%

Cause	Vehicle						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	8.55	7.99	9.98	3.12	21.48	14.91
	% Change	-20%	-7%	25%	-69%	589%	-31%
Eastern	SAIDI	8.97	13.88	5.90	11.28	11.25	4.79
	% Change	-66%	55%	-58%	91%	0%	-57%
Western	SAIDI	23.92	10.40	15.83	10.70	10.93	9.70
	% Change	46%	-57%	52%	-32%	2%	-11%
Company	SAIDI	16.15	10.67	11.77	8.90	13.73	9.78
	% Change	-7%	-34%	10%	-24%	54%	-29%

Cause	Vehicle						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.069	0.074	0.096	0.026	0.145	0.110
	% Change	5%	7%	30%	-73%	458%	-24%
Eastern	SAIFI	0.141	0.236	0.053	0.092	0.105	0.036
	% Change	-19%	67%	-78%	74%	14%	-66%
Western	SAIFI	0.168	0.102	0.138	0.114	0.076	0.080
	% Change	23%	-39%	35%	-17%	-33%	5%
Company	SAIFI	0.136	0.130	0.105	0.086	0.101	0.077
	% Change	5%	-4%	-19%	-18%	17%	-24%

Cause	Defective Equipment						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	34.90	22.90	21.71	14.53	16.18	20.94
	% Change	8%	-34%	-5%	-33%	11%	29%
Eastern	SAIDI	41.38	23.25	19.63	24.23	16.28	19.51
	% Change	34%	-44%	-16%	23%	-33%	20%
Western	SAIDI	49.57	23.65	24.12	19.97	18.29	17.25
	% Change	60%	-52%	2%	-17%	-8%	-6%
Company	SAIDI	43.71	23.35	22.34	19.66	17.23	18.78
	% Change	40%	-47%	-4%	-12%	-12%	9%

Cause	Defective Equipment						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.404	0.222	0.223	0.128	0.149	0.196
	% Change	45%	-45%	1%	-43%	16%	32%
Eastern	SAIFI	0.456	0.280	0.170	0.221	0.177	0.213
	% Change	73%	-39%	-39%	30%	-20%	20%
Western	SAIFI	0.546	0.225	0.254	0.20	0.188	0.222
	% Change	88%	-59%	13%	-21%	-6%	18%
Company	SAIFI	0.487	0.239	0.224	0.187	0.175	0.213
	% Change	73%	-51%	-6%	-17%	-6%	22%

Cause	Unknown						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	9.10	8.09	13.82	8.55	6.26	4.15
	% Change	56%	-11%	71%	-38%	-27%	-34%
Eastern	SAIDI	13.42	19.37	6.37	8.89	3.80	3.48
	% Change	137%	44%	-67%	40%	-57%	-8%
Western	SAIDI	10.08	11.35	7.43	5.43	8.68	3.12
	% Change	27%	13%	-35%	-27%	60%	-64%
Company	SAIDI	10.69	12.58	8.80	7.12	6.81	3.48
	% Change	57%	18%	-30%	-19%	-4%	-49%

Cause	Unknown						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.146	0.115	0.136	0.157	0.113	0.071
	% Change	68%	-21%	18%	15%	-28%	-37%
Eastern	SAIFI	0.129	0.206	0.130	0.107	0.062	0.072
	% Change	96%	60%	-37%	-18%	-42%	16%
Western	SAIFI	0.146	0.141	0.130	0.101	0.100	0.078
	% Change	4%	-3%	-8%	-22%	-1%	-22%
Company	SAIFI	0.142	0.151	0.131	0.117	0.094	0.075
	% Change	33%	6%	-13%	-11%	-20%	-20%

Cause	All Other Causes						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	25.02	3.02	16.02	3.92	16.96	4.20
	% Change	1260%	-88%	431%	-76%	333%	-75%
Eastern	SAIDI	20.33	8.05	5.26	6.46	3.40	4.05
	% Change	352%	-60%	-35%	23%	-47%	19%
Western	SAIDI	8.45	12.35	5.27	6.57	5.25	2.79
	% Change	-6%	46%	-57%	25%	-20%	-47%
Company	SAIDI	15.74	8.85	8.03	5.86	7.79	3.48
	% Change	162%	-44%	-9%	-27%	33%	-55%

Cause	All Other Causes						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.512	0.164	0.164	0.093	0.178	0.093
	% Change	814%	-68%	0%	-43%	91%	-48%
Eastern	SAIFI	0.435	0.117	0.114	0.182	0.084	0.135
	% Change	458%	-73%	-3%	60%	-54%	61%
Western	SAIFI	0.353	0.211	0.137	0.151	0.132	0.094
	% Change	61%	-40%	-35%	10%	-13%	-29%
Company	SAIFI	0.415	0.175	0.138	0.144	0.131	0.104
	% Change	194%	-58%	-21%	4%	-9%	-21%

15.9.1.2 Identification and Selection/Process Improvements

Gulf continues to focus its process improvement efforts on the system wide top outage causes through its existing programs and storm hardening efforts.

15.9.1.3 2015 Activities and Budget Allowances

In general, it is not practical to provide an itemized list of all activities that Gulf has included in its budget that are related to distribution reliability. Gulf's budget and accounting systems do not separately categorize and track capital expenditures or Operating and Maintenance (O&M) expenses on the basis that they are related specifically to distribution reliability. Virtually all distribution functional capital projects and O&M expenses have been or will be undertaken as part of Gulf's commitment to provide customers with reliable and high quality electric service.

Gulf's Vegetation Management Program is an exception to the above. The activities and budgets associated with this program are provided in Section 3.0.

15.9.2 Three Percent Feeder List

15.9.2.1 Five-Year Patterns

Gulf Power had one feeder in the 2015 Actual report that appeared on the 2014 report. The same feeder is listed on both the 2015 and 2014 Adjusted report.

The recurring feeder, East Bay 5542 experienced four outages in 2015, three of which were created by the control center to create a safe work environment and all three lasted less than six minutes. The fourth operation occurred during a non-excludable severe weather event (thunderstorms with high winds) on April 25th.

Additional reviews of the feeders will be conducted to determine if there are any specific improvements that need to be made to improve overall performance.

15.9.2.2 Identification and Selection/Process Improvements

Gulf continues to focus its system wide improvement efforts on the top outage causes with its existing programs and storm hardening efforts.

15.9.2.3 2015 Activities and Budget Allowances

Please see the response to Section 15.9.1.3 for 2015 activities and budget allowances.

15.9.3 Regional Reliability Indices

15.9.3.1 Five-Year Patterns

Please see tables in Section 15.9.1.1.

15.9.3.2 Identification and Selection/Process Improvements

Gulf continues to focus its system wide improvement efforts on the top outage causes with its existing programs and storm hardening efforts.

15.9.3.3 2015 Activities and Budget Allowances

Please see the discussion in Section 15.9.1.3 for 2015 Activities and Budget allowances.

15.10 Overhead – Underground Reliability

15.10.1 Five-Year Patterns

NOTE: % Change is from one year to the next.

System	Overhead						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	2,207	2,097	2,539	2,030	2,296	2,296
	% Change	-17%	-5%	21%	-20%	13%	0%
Eastern	N	1,667	1,521	1,718	1,851	1,748	1,791
	% Change	-4%	-9%	13%	8%	-6%	2%
Western	N	5,412	5,019	5,594	5,042	4,146	5,253
	% Change	-7%	-7%	11%	-10%	-18%	27%
Company	N	9,288	8,637	9,851	8,923	8,190	9,340
	% Change	-9%	-7%	14%	-9%	-8%	14%

System	Underground						
Region	Data	2010	2011	2012	2013	2014	2015
Central	N	288	274	281	278	207	245
	% Change	-8%	-5%	3%	-1%	-26%	18%
Eastern	N	244	232	264	236	213	219
	% Change	8%	-5%	14%	-11%	-10%	3%
Western	N	517	446	554	494	387	476
	% Change	14%	-14%	24%	-11%	-22%	23%
Company	N	1,049	952	1,009	1008	807	940
	% Change	6%	-9%	6%	0%	-20%	16%

System	Overhead						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	107.84	81.89	189.14	98.28	202.09	131.78
	% Change	17%	-24%	131%	-48%	106%	-35%
Eastern	SAIDI	121.73	97.16	133.9	199.22	120.06	100.6
	% Change	0%	-20%	38.00%	49%	-40%	-16%
Western	SAIDI	157.26	115.31	191.25	146.23	122.91	165.33
	% Change	6%	-27%	66%	-24%	-16%	35%
Company	SAIDI	135.49	102.05	176.93	147.6	140.95	141.88
	% Change	7%	-25%	73%	-17%	-5%	1%

System	Underground						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIDI	7.45	8.02	19.82	22.14	18.51	13.52
	% Change	-48%	8%	147%	12%	-16%	-27%
Eastern	SAIDI	11.67	13.13	34.96	23.47	18.66	12.12
	% Change	-36%	13%	166%	-33%	-20%	-35%
Western	SAIDI	10.76	8.18	24.44	25.31	15.42	24.07
	% Change	15%	-24%	199%	4%	-39%	56%
Company	SAIDI	10.15	9.41	26.04	23.87	17.23	17.66
	% Change	-21%	-7%	177%	-8%	-28%	2%

System	Overhead						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	1.522	1.036	2.054	1.358	1.939	1.493
	% Change	52%	-32%	98%	-34%	43%	-23%
Eastern	SAIFI	1.573	1.241	1.537	2.165	1.371	1.535
	% Change	39%	-21%	24%	41%	-37%	12%
Western	SAIFI	1.814	1.256	1.963	1.757	1.472	1.887
	% Change	18%	-31%	56%	-10%	-16%	28%
Company	SAIFI	1.677	1.195	1.882	1.761	1.558	1.709
	% Change	29%	-29%	57%	-6%	-12%	10%

System	Underground						
Region	Data	2010	2011	2012	2013	2014	2015
Central	SAIFI	0.055	0.05	0.143	0.154	0.111	0.07
	% Change	-33%	-9%	186%	7%	-28%	-37%
Eastern	SAIFI	0.603	0.068	0.214	0.176	0.107	0.084
	% Change	814%	-89%	215%	-18%	-39%	-21%
Western	SAIFI	0.068	0.045	0.143	0.142	0.08	0.149
	% Change	45%	-34%	218%	0%	-44%	86%
Company	SAIFI	0.064	0.052	0.163	0.155	0.097	0.108
	% Change	5%	-19%	213%	-5%	-38%	11%

15.10.2 Identification and Selection/Process Improvements

Gulf continues to focus its system wide improvement efforts on the top outage causes with its existing programs and storm hardening efforts.

15.10.3 2015 Activities and Budget Allowances

Please see Section 10.0.

15.10.4 Overhead (OH) and Underground (UG) Metrics

Please see Appendix 3 for specific feeder data for Gulf's overhead and underground lines.

The tables below represent adjusted reliability metrics for Gulf's overhead and underground system for 2015.

SYSTEM	REGION	Miles	Customers	N	Duration	CMI	CI
Overhead	CENTRAL	1,150	60,612	2,296	213,391	7,987,317	90,466
	EASTERN	1,539	61,578	1,791	167,515	6,194,520	94,518
	WESTERN	3,162	134,513	5,253	601,973	22,238,978	253,780
	SYSTEM	5,852	256,704	9,340	982,879	36,420,816	438,764
Underground	CENTRAL	442	53,024	245	45,076	717,047	3,731
	EASTERN	467	51,011	219	31,682	618,328	4,303
	WESTERN	968	78,319	476	96,005	1,885,478	11,691
	SYSTEM	1,877	182,353	940	172,763	3,220,852	19,725

SYSTEM	REGION	SAIDI	SAIFI	SAIDI / mile	L-Bar	CI / N	CAIDI
Overhead	CENTRAL	131.78	1.493	0.11	92.94	39.4	88.29
	EASTERN	100.60	1.535	0.07	93.53	52.8	65.54
	WESTERN	165.33	1.887	0.05	114.60	48.3	87.63
	SYSTEM	141.88	1.709	0.02	105.23	47.0	83.01
Underground	CENTRAL	13.52	0.070	0.03	183.99	15.2	192.19
	EASTERN	12.12	0.084	0.03	144.67	19.6	143.70
	WESTERN	24.07	0.149	0.02	201.69	24.6	161.28
	SYSTEM	17.66	0.108	0.01	183.79	21.0	163.29

Note: Total Customers above are from Gulf's Trouble Call Management System, which does not include non-metered accounts.

A review of the above data continues to reinforce observations made in previous Reliability Reports. The new construction growth of Gulf's underground distribution facilities continues to outpace overhead construction due to customer demand based on aesthetics. However, continued analysis of the available overhead and underground data along with associated metrics does not support the use of underground construction as a storm hardening option at this time.

15.11 Reliability Related Customer Complaints

15.11.1 Five-Year Patterns

Gulf Power management reviews a monthly report which supplies data on FPSC complaints and inquiries. Gulf Power's complaint activity as reflected in the FPSC Consumer Activity Report has remained at very low levels.

Gulf Power had three complaints in 2015 in the FPSC complaint tracking system that were coded as reliability based per FPSC Reliability Related Complaint codes, as discussed in the meeting in January 2015. It should be noted that while all three complaints were coded as reliability concerns, only two appeared to be related to reliability or quality of electrical service. One complaint was related to the depths of cables buried on a customer's easement. Gulf will continue to work with the FPSC in the future to ensure complaints are coded accurately.

15.11.2 Correlation of Reliability Related Customer Complaints to Indices

Due to improved reliability and the low number of customer complaints, Gulf has not determined that there is a correlation between reliability related customer complaints and the indices. Management continues to review each complaint when they occur to determine if there are any deficiencies that need to be addressed to improve reliability or customer service.

15.11.3 Identification and Selection/Process Improvements

Due to Gulf's very low number of FPSC Consumer Activity Report complaints and no apparent correlation of reliability-related customer complaints to outage indices, Gulf has not implemented any programs to identify and select systemic actions to improve reliability based on customer complaints. Gulf will continue to review each complaint when they occur to determine if there are any system deficiencies and if so, will take corrective actions as needed.

Appendix 1

Appendix 1

Form 102 - Actual Data

2015 Distribution Service Reliability Reports – Actual

Service Reliability Indices - Actual Gulf Power Company					
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFLe (e)	CEMI5 (f)
Central	91.01	85.12	1.069	1.84	0.41%
Eastern	77.11	67.25	1.147	1.75	2.89%
Western	123.00	88.85	1.384	2.76	1.10%
System Averages	103.02	82.92	1.242	2.26	1.38%

Appendix 1

Causes of Outage Events - Actual			
Gulf Power Company			2015
Cause (a)	Number of Outage Events (N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Animals	2,743	60.34	51.03
Defective Equipment	2,346	137.06	88.27
Vegetation	1,928	139.65	121.34
Lightning	1,803	134.16	100.82
Unknown	598	78.67	46.55
Vehicle	293	169.50	127.69
Other Weather	270	141.67	111.23
All Other Causes	5,919	69.34	52.58
System Totals	15,900	97.08	82.92

Appendix 1

3 Percent Feeder List Actual

Utility Name: Gulf Power Company													Year: 2015	
Primary Circuit Id. No. or Name (a)	Sub-station Origin (b)	Location (c)	Number of Customers				Outage Events (N) (i)	Avg Duration (L-Bar) (j)	CAIDI (k)	Listed Last Year? (l)	No. of Years in the Last 5 (m)	Corrective Action Completion Date (n)		
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)							Total (h)	
8062	Bay County	Eastern	393	104	3		6	60	44	N	0	December 2015		
5542	East Bay	Western	3,063	209	0		4	34	20	Y	2	December 2015		
7722	Bayou Marcus	Western	1,033	27	0		4	105	115	N	0	December 2015		
9222	Chipley	Eastern	637	408	1		4	25	31	N	1	December 2015		
9522	Vernon	Eastern	1,447	256	1		4	108	122	N	2	December 2015		
5902	Romana	Western	551	186	3		3	58	58	N	0	December 2015		
7532	Gulf Breeze	Western	1,137	171	0		3	62	62	N	0	December 2015		
7912	Glendale Road	Central	1,337	269	1		3	19	14	N	0	December 2015		
15702	Devilliers	Western	1,993	158	0		3	32	26	N	0	December 2015		
9592	Sunnyhills	Eastern	983	102	0		3	5	5	N	2	December 2015		

Appendix 1

Actual Data: Customer Minutes of Interruption (CMI), Customer Interruptions (CI) and Documented Exclusions

2015	Customer Minutes of Interruption (CMI)		Customer Interruptions (CI)	
	Value	% of Actual	Value	% of Actual
Reported Actual Data	46,306,096	100%	558,462	100%
Documented Exclusions				
Planned Service Interruptions	2,896,293	6.3%	49,714	8.9%
Named Storm	-	-	-	-
Tornadoes	767,020	1.7%	4,818	0.9%
Ice on Lines	-	-	-	-
Planned Load Management Events	-	-	-	-
Generation/Transmission Events	3,001,115	6.5%	45,441	8.1%
Extreme Weather/Fire (EOC Activation)	-	-	-	-
Reported Adjusted Data	39,641,668	85.6%	458,489	82.1%

Appendix 1

Form 103 - Adjusted Data

2015 Distribution Service Reliability Reports – Adjusted

Service Reliability Indices - Adjusted Gulf Power Company					
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
Central	75.35	92.41	0.815	1.84	0.17%
Eastern	59.19	68.94	0.859	1.75	1.66%
Western	110.23	90.87	1.213	2.69	0.59%
System Averages	88.20	86.46	1.020	2.23	0.76%

Appendix 1

2015 Distribution Reliability Reports - Adjusted

	CENTRAL	EASTERN	WESTERN	SYSTEM
SAIDI = System Average Interruption Duration Index				
Total Number of Customer Minutes of Interruption (CMI)	8,704,364	6,812,848	24,124,456	39,641,668
Total Number of Customers Served (C)	115,524	115,099	218,848	449,471
		59.19	110.23	88.20
CAIDI = Customer Average Interruption Duration Index				
Total Number of Customer Minutes of Interruption (CMI)	8,704,364	6,812,848	24,124,456	39,641,668
Total Number of Customer Interruptions (CI)	94,197	98,821	265,471	458,489
		68.94	90.87	86.46
SAIFI = System Average Interruption Frequency Index				
Total Number of Customer Interruptions (CI)	94,197	98,821	265,471	458,489
Total Number of Customers Served (C)	115,524	115,099	218,848	449,471
		0.859	1.213	1.020
MAIFIE= Momentary Average Interruption Frequency Index				
Total Number of Customer Momentary Interruption Events (CME)	212,216	201,120	587,651	1,000,987
Total Number of Customers Served (C)	115,524	115,099	218,848	449,471
		1.75	2.69	2.23
CEMIS = Customers Experiencing More Interruptions than 5				
Number of Customers Experiencing More Interruptions than 5	197	1,913	1,296	3,406
Total Number of Customers Served (C)	115,524	115,099	218,848	449,471
		1.66%	0.59%	0.76%
L-Bar				
Minutes of Interruption				
Total Number of Outages				
				1,155,642
				10,280

Appendix 1

Causes of Outage Events - Adjusted			
Gulf Power Company			2015
Cause (a)	Number of Outage Events (N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Animals	2,743	60.34	51.03
Defective Equipment	2,340	136.99	88.11
Vegetation	1,888	138.27	119.52
Lightning	1,788	133.66	100.57
Unknown	598	78.67	46.55
Vehicle	293	169.50	127.69
Other Weather	251	137.18	108.49
All Other Causes	379	101.29	33.37
System Totals	10,280	112.42	86.46

Appendix 1

2015 Distribution Service Reliability Reports – Adjusted

3 Percent Feeder List - Adjusted												
Utility Name: Gulf Power Company												
Primary Circuit Id. No. or Name (a)	Sub-station Origin (b)	Location (c)	Number of Customers				Outage Events (N) (i)	Avg Duration (L-Bar) (j)	CAIDI (k)	Listed Last Year? (l)	No. of Years in the Last 5 (m)	Corrective Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)						
8062	Bay County	Eastern	393	104	3		6	60	44	N	0	December 2015
5542	East Bay	Western	3,063	209	0		4	34	20	Y	1	December 2015
15702	Devilliers	Western	1,993	158	0		3	32	26	N	0	December 2015
5902	Romana	Western	551	186	3		3	58	58	N	0	December 2015
7722	Bayou Marcus	Western	1,033	27	0		3	116	116	N	1	December 2015
15772	Devilleirs	Western	559	138	0		2	12	12	N	0	December 2015
5882	Hurlburt	Central	2,498	145	0		2	26	21	N	0	December 2015
6052	Beach Haven	Western	2,530	197	0		2	43	43	N	0	December 2015
6642	Goulding	Western	443	254	1		2	56	60	N	0	December 2015
7282	Jay Road	Western	1,414	235	0		2	134	37	N	0	December 2015

Appendix 1

2015 Excluded Transmission Events Resulting in Customer Outages

Outage Event Description	Reason of Exclusion	N	CMI	CI	Duration
Transmission Outages	Transmission	34	3,001,116	45,441	1,904

Event Code	Date	Reason of Exclusion	CMI	CI	Duration	Causation	Resolution
1102889	5/5/2015	Transmission	3,988	1,994	2	Deterioration	Supervisory Control
1102890	5/5/2015	Transmission	3,200	1,600	2	Deterioration	Supervisory Control
1102891	5/5/2015	Transmission	924	462	2	Deterioration	Supervisory Control
1102893	5/5/2015	Transmission	40,732	2,396	17	Deterioration	Supervisory Control
1102919	5/5/2015	Transmission	376	188	2	Deterioration	Supervisory Control
1102923	5/5/2015	Transmission	13,872	816	17	Deterioration	Supervisory Control
1110898	6/13/2015	Transmission	3,074	1,085	3	Planned Outage	Supervisory Control
1115509	7/3/2015	Transmission	10,883	68	160	External Utility Trouble	Supervisory Control
1116658	6/13/2015	Transmission	312,930	1,710	183	Switching Error	Manual
1123065	8/4/2015	Transmission	292,039	1,712	171	Other	Manual
1126422	8/20/2015	Transmission	12,143	2,188	6	External Utility Trouble	Supervisory Control
1126423	8/20/2015	Transmission	9,124	1,644	6	External Utility Trouble	Supervisory Control
1126425	8/20/2015	Transmission	3,924	707	6	External Utility Trouble	Supervisory Control
1126435	8/20/2015	Transmission	5,828	1,050	6	External Utility Trouble	Supervisory Control
1134317	9/30/2015	Transmission	307,467	2,064	149	Animal	Manual
1134318	9/30/2015	Transmission	86,557	1,233	70	Animal	Manual
1134319	9/30/2015	Transmission	194,439	2,783	70	Animal	Manual
1134321	9/30/2015	Transmission	323,694	2,569	126	Animal	Manual
1134604	9/30/2015	Transmission	2,425	1,233	2	Animal	Manual
1135700	10/8/2015	Transmission	27,712	2,013	14	Switching Error	Manual
1135701	10/8/2015	Transmission	13,037	947	14	Switching Error	Manual
1135703	10/8/2015	Transmission	24,472	1,748	14	Switching Error	Manual
1135796	10/8/2015	Transmission	6,903	485	14	Switching Error	Manual
1141016	10/31/2015	Transmission	6,126	107	57	Animal	Manual
1141017	10/31/2015	Transmission	86,828	1,507	58	Animal	Manual
1142031	11/7/2015	Transmission	41,243	705	59	Deterioration	Manual
1142032	11/7/2015	Transmission	61,052	1,049	58	Deterioration	Manual
1142034	11/7/2015	Transmission	78,942	1,338	59	Distribution Trouble	Manual
1143638	11/18/2015	Transmission	130,580	946	138	Deterioration	Manual
1143639	11/18/2015	Transmission	338,436	2,431	139	Distribution Trouble	Manual
1143640	11/18/2015	Transmission	177,312	1,279	139	Deterioration	Manual
1143643	11/18/2015	Transmission	380,201	2,731	139	Deterioration	Manual
1145916	12/4/2015	Transmission	465	465	1	Tree Cut - Public	Supervisory Control
1146019	12/4/2015	Transmission	188	188	1	Tree Cut - Public	Supervisory Control

Appendix 1

2015 Planned Outages Table

Outage Event Description	Reason of Exclusion	N	CMI	CI	Duration
Planned Outage	Planned Outage	5,504	2,896,293	49,714	369,334

Event Code	Date	Reason of Exclusion	CMI	CI	Duration
1086716	1/1/2015	Planned Outage	76.97	1	76.97
1086762	1/2/2015	Planned Outage	7665.9	66	116.15
1086779	1/2/2015	Planned Outage	22.97	1	22.97
1086788	1/2/2015	Planned Outage	100.8	8	12.6
1086789	1/2/2015	Planned Outage	1966.9	51	38.57
1086794	1/2/2015	Planned Outage	106.4	4	26.6
1087121	1/4/2015	Planned Outage	63.9	2	31.95
1087175	1/5/2015	Planned Outage	34	1	34
1087195	1/5/2015	Planned Outage	1025.55	3	341.85
1087196	1/5/2015	Planned Outage	244.43	2	122.22
1087197	1/5/2015	Planned Outage	27.45	1	27.45
1087202	1/5/2015	Planned Outage	1737.87	16	108.62
1087220	1/5/2015	Planned Outage	206.67	5	41.33
1087221	1/5/2015	Planned Outage	61.08	5	12.22
1087222	1/5/2015	Planned Outage	2344.07	28	83.72
1087227	1/5/2015	Planned Outage	44.27	1	44.27
1087230	1/5/2015	Planned Outage	102.32	1	102.32
1087237	1/5/2015	Planned Outage	372.3	2	186.15
1087238	1/5/2015	Planned Outage	73.07	1	73.07
1087242	1/5/2015	Planned Outage	97.02	1	97.02
1087251	1/5/2015	Planned Outage	110.25	1	110.25
1087252	1/5/2015	Planned Outage	39.8	4	9.95
1087262	1/5/2015	Planned Outage	4.3	1	4.3
1087266	1/5/2015	Planned Outage	55.75	1	55.75
1087295	1/6/2015	Planned Outage	575.17	7	82.17
1087313	1/6/2015	Planned Outage	325.5	7	46.5
1087315	1/6/2015	Planned Outage	62.2	4	15.55
1087316	1/6/2015	Planned Outage	2286	12	190.5
1087320	1/6/2015	Planned Outage	139.53	7	19.93
1087322	1/6/2015	Planned Outage	31.13	1	31.13
1087323	1/6/2015	Planned Outage	107.9	2	53.95
1087324	1/6/2015	Planned Outage	463.15	3	154.38
1087330	1/6/2015	Planned Outage	25.02	1	25.02
1087332	1/6/2015	Planned Outage	344	2	172
1087333	1/6/2015	Planned Outage	907.73	4	226.93
1087334	1/6/2015	Planned Outage	176.63	7	25.23
1087337	1/6/2015	Planned Outage	864	5	172.8
1087340	1/6/2015	Planned Outage	1294.67	16	80.92
1087343	1/6/2015	Planned Outage	16.87	1	16.87
1087345	1/6/2015	Planned Outage	191.65	3	63.88
1087348	1/6/2015	Planned Outage	386.53	2	193.27
1087349	1/6/2015	Planned Outage	89.8	4	22.45

Appendix 1

2015 Planned Outages Table

1087350	1/6/2015	Planned Outage	63	3	21
1087356	1/6/2015	Planned Outage	239.73	2	119.87
1087360	1/6/2015	Planned Outage	25.52	1	25.52
1087368	1/6/2015	Planned Outage	218.87	4	54.72
1087372	1/6/2015	Planned Outage	340.35	9	37.82
1087373	1/6/2015	Planned Outage	404.53	4	101.13
1087375	1/6/2015	Planned Outage	10.77	2	5.38
1087397	1/6/2015	Planned Outage	290.73	2	145.37
1087415	1/7/2015	Planned Outage	137	1	137
1087427	1/7/2015	Planned Outage	520.8	4	130.2
1087428	1/7/2015	Planned Outage	166.93	2	83.47
1087429	1/7/2015	Planned Outage	347.75	3	115.92
1087434	1/7/2015	Planned Outage	25.5	1	25.5
1087437	1/7/2015	Planned Outage	280.3	3	93.43
1087438	1/7/2015	Planned Outage	387.13	4	96.78
1087439	1/7/2015	Planned Outage	35.33	1	35.33
1087443	1/7/2015	Planned Outage	330.1	3	110.03
1087450	1/7/2015	Planned Outage	50.33	2	25.17
1087451	1/7/2015	Planned Outage	694.4	4	173.6
1087454	1/7/2015	Planned Outage	167.87	4	41.97
1087456	1/7/2015	Planned Outage	56.62	1	56.62
1087465	1/7/2015	Planned Outage	25.92	1	25.92
1087471	1/7/2015	Planned Outage	48.13	1	48.13
1087472	1/7/2015	Planned Outage	327.6	3	109.2
1087476	1/7/2015	Planned Outage	15.68	1	15.68
1087479	1/7/2015	Planned Outage	158.17	2	79.08
1087481	1/7/2015	Planned Outage	14.5	1	14.5
1087487	1/7/2015	Planned Outage	47.62	1	47.62
1087490	1/7/2015	Planned Outage	9.6	1	9.6
1087495	1/7/2015	Planned Outage	99.2	4	24.8
1087508	1/7/2015	Planned Outage	65.4	1	65.4
1087529	1/7/2015	Planned Outage	160.1	6	26.68
1087789	1/8/2015	Planned Outage	19.32	1	19.32
1087790	1/8/2015	Planned Outage	56.6	4	14.15
1087806	1/8/2015	Planned Outage	130	13	10
1087826	1/8/2015	Planned Outage	8479	278	30.5
1087844	1/8/2015	Planned Outage	82.07	4	20.52
1087858	1/8/2015	Planned Outage	295.83	25	11.83
1087861	1/8/2015	Planned Outage	34.65	3	11.55
1087862	1/8/2015	Planned Outage	608.3	6	101.38
1087869	1/8/2015	Planned Outage	164.35	19	8.65
1087938	1/9/2015	Planned Outage	86.97	2	43.48
1087940	1/9/2015	Planned Outage	71.88	1	71.88
1087941	1/9/2015	Planned Outage	41.87	2	20.93
1087944	1/9/2015	Planned Outage	112.7	6	18.78
1087949	1/9/2015	Planned Outage	193.05	9	21.45
1087951	1/9/2015	Planned Outage	48.07	1	48.07
1087954	1/9/2015	Planned Outage	294	6	49
1087966	1/9/2015	Planned Outage	5.07	1	5.07

Appendix 1

2015 Planned Outages Table

1087977	1/9/2015	Planned Outage	706.15	3	235.38
1087981	1/9/2015	Planned Outage	37.47	4	9.37
1087982	1/9/2015	Planned Outage	11.02	1	11.02
1088003	1/9/2015	Planned Outage	24.05	1	24.05
1088009	1/9/2015	Planned Outage	151.8	11	13.8
1088049	1/10/2015	Planned Outage	203.6	4	50.9
1088077	1/10/2015	Planned Outage	6.12	1	6.12
1088130	1/11/2015	Planned Outage	73.92	5	14.78
1088147	1/12/2015	Planned Outage	244.27	2	122.13
1088161	1/12/2015	Planned Outage	150.75	27	5.58
1088167	1/12/2015	Planned Outage	133.1	6	22.18
1088170	1/12/2015	Planned Outage	371.45	3	123.82
1088172	1/12/2015	Planned Outage	5.65	1	5.65
1088173	1/12/2015	Planned Outage	1516.4	6	252.73
1088176	1/12/2015	Planned Outage	245.98	1	245.98
1088178	1/12/2015	Planned Outage	371.2	2	185.6
1088181	1/12/2015	Planned Outage	15.43	1	15.43
1088182	1/12/2015	Planned Outage	121.3	2	60.65
1088183	1/12/2015	Planned Outage	68.2	4	17.05
1088184	1/12/2015	Planned Outage	179.12	11	16.28
1088187	1/12/2015	Planned Outage	104.2	4	26.05
1088192	1/12/2015	Planned Outage	399.9	2	199.95
1088196	1/12/2015	Planned Outage	152.2	4	38.05
1088200	1/12/2015	Planned Outage	59.35	3	19.78
1088201	1/12/2015	Planned Outage	695.2	6	115.87
1088202	1/12/2015	Planned Outage	166.6	28	5.95
1088204	1/12/2015	Planned Outage	62	4	15.5
1088205	1/12/2015	Planned Outage	128.1	2	64.05
1088206	1/12/2015	Planned Outage	1.65	1	1.65
1088209	1/12/2015	Planned Outage	185	1	185
1088217	1/12/2015	Planned Outage	1216.5	9	135.17
1088220	1/12/2015	Planned Outage	219.53	4	54.88
1088249	1/13/2015	Planned Outage	320.45	3	106.82
1088261	1/13/2015	Planned Outage	128.85	1	128.85
1088263	1/13/2015	Planned Outage	967.8	4	241.95
1088264	1/13/2015	Planned Outage	118.35	3	39.45
1088268	1/13/2015	Planned Outage	113.93	2	56.97
1088280	1/13/2015	Planned Outage	324.33	7	46.33
1088281	1/13/2015	Planned Outage	1410.67	8	176.33
1088282	1/13/2015	Planned Outage	554.4	11	50.4
1088284	1/13/2015	Planned Outage	52.42	5	10.48
1088286	1/13/2015	Planned Outage	131.12	1	131.12
1088287	1/13/2015	Planned Outage	464.75	5	92.95
1088288	1/13/2015	Planned Outage	19.7	1	19.7
1088290	1/13/2015	Planned Outage	126.3	1	126.3
1088295	1/13/2015	Planned Outage	59.58	1	59.58
1088296	1/13/2015	Planned Outage	80.08	5	16.02
1088297	1/13/2015	Planned Outage	542.27	8	67.78
1088300	1/13/2015	Planned Outage	26.72	1	26.72

Appendix 1

2015 Planned Outages Table

1088306	1/13/2015	Planned Outage	630.8	4	157.7
1088308	1/13/2015	Planned Outage	76.33	5	15.27
1088309	1/13/2015	Planned Outage	30.02	1	30.02
1088310	1/13/2015	Planned Outage	284.33	2	142.17
1088316	1/13/2015	Planned Outage	26.62	1	26.62
1088318	1/13/2015	Planned Outage	36.68	1	36.68
1088321	1/13/2015	Planned Outage	46.1	2	23.05
1088322	1/13/2015	Planned Outage	656.67	8	82.08
1088324	1/13/2015	Planned Outage	6.37	1	6.37
1088326	1/13/2015	Planned Outage	114.93	1	114.93
1088335	1/13/2015	Planned Outage	119.2	1	119.2
1088351	1/14/2015	Planned Outage	79.97	2	39.98
1088352	1/14/2015	Planned Outage	54.58	1	54.58
1088354	1/14/2015	Planned Outage	80.6	2	40.3
1088357	1/14/2015	Planned Outage	84.1	3	28.03
1088359	1/14/2015	Planned Outage	178	3	59.33
1088360	1/14/2015	Planned Outage	8875.85	57	155.72
1088363	1/14/2015	Planned Outage	24.63	2	12.32
1088364	1/14/2015	Planned Outage	173.1	6	28.85
1088367	1/14/2015	Planned Outage	166.97	2	83.48
1088368	1/14/2015	Planned Outage	14.38	1	14.38
1088369	1/14/2015	Planned Outage	10.02	1	10.02
1088372	1/14/2015	Planned Outage	58.8	8	7.35
1088373	1/14/2015	Planned Outage	17.5	1	17.5
1088374	1/14/2015	Planned Outage	101.23	1	101.23
1088375	1/14/2015	Planned Outage	174.2	2	87.1
1088377	1/14/2015	Planned Outage	111.28	1	111.28
1088381	1/14/2015	Planned Outage	62.95	3	20.98
1088382	1/14/2015	Planned Outage	107.8	6	17.97
1088383	1/14/2015	Planned Outage	116.7	2	58.35
1088384	1/14/2015	Planned Outage	187.5	6	31.25
1088386	1/14/2015	Planned Outage	123.65	3	41.22
1088389	1/14/2015	Planned Outage	608	4	152
1088398	1/14/2015	Planned Outage	1339.22	7	191.32
1088404	1/14/2015	Planned Outage	303.13	4	75.78
1088409	1/14/2015	Planned Outage	66.72	1	66.72
1088412	1/14/2015	Planned Outage	73.6	1	73.6
1088528	1/15/2015	Planned Outage	210.45	23	9.15
1088536	1/15/2015	Planned Outage	122.73	14	8.77
1088540	1/15/2015	Planned Outage	1326	13	102
1088613	1/16/2015	Planned Outage	259.73	1	259.73
1088621	1/16/2015	Planned Outage	36.4	1	36.4
1088626	1/16/2015	Planned Outage	89.38	1	89.38
1088628	1/16/2015	Planned Outage	1058.4	84	12.6
1088629	1/16/2015	Planned Outage	175.47	14	12.53
1088634	1/16/2015	Planned Outage	617.1	18	34.28
1088636	1/16/2015	Planned Outage	101.47	4	25.37
1088637	1/16/2015	Planned Outage	70.27	1	70.27
1088638	1/16/2015	Planned Outage	69	5	13.8

Appendix 1

2015 Planned Outages Table

1088639	1/16/2015	Planned Outage	465.1	6	77.52
1088640	1/16/2015	Planned Outage	443.73	16	27.73
1088643	1/16/2015	Planned Outage	16	2	8
1088644	1/16/2015	Planned Outage	262.1	2	131.05
1088646	1/16/2015	Planned Outage	14.88	1	14.88
1088648	1/16/2015	Planned Outage	126.37	2	63.18
1088651	1/16/2015	Planned Outage	151.05	3	50.35
1088653	1/16/2015	Planned Outage	30.43	2	15.22
1088656	1/16/2015	Planned Outage	17.37	2	8.68
1088659	1/16/2015	Planned Outage	17.98	1	17.98
1088660	1/16/2015	Planned Outage	57.3	2	28.65
1088661	1/16/2015	Planned Outage	20.97	2	10.48
1088662	1/16/2015	Planned Outage	103.28	1	103.28
1088663	1/16/2015	Planned Outage	30.38	1	30.38
1088664	1/16/2015	Planned Outage	100.73	1	100.73
1088673	1/16/2015	Planned Outage	15	2	7.5
1088675	1/16/2015	Planned Outage	1956.05	87	22.48
1088681	1/16/2015	Planned Outage	203.7	6	33.95
1088682	1/16/2015	Planned Outage	85.6	6	14.27
1088687	1/16/2015	Planned Outage	19.65	3	6.55
1088689	1/16/2015	Planned Outage	130.75	3	43.58
1088706	1/16/2015	Planned Outage	81.83	5	16.37
1088710	1/16/2015	Planned Outage	433.95	9	48.22
1088752	1/17/2015	Planned Outage	7.53	1	7.53
1088754	1/17/2015	Planned Outage	138.35	3	46.12
1088762	1/17/2015	Planned Outage	40.83	1	40.83
1089017	1/20/2015	Planned Outage	657.6	6	109.6
1089018	1/20/2015	Planned Outage	228.25	11	20.75
1089020	1/20/2015	Planned Outage	261.33	2	130.67
1089025	1/20/2015	Planned Outage	2734.1	6	455.68
1089030	1/20/2015	Planned Outage	19.4	1	19.4
1089032	1/20/2015	Planned Outage	220.93	8	27.62
1089034	1/20/2015	Planned Outage	1975.47	8	246.93
1089045	1/20/2015	Planned Outage	1034.25	7	147.75
1089047	1/20/2015	Planned Outage	74.25	3	24.75
1089052	1/20/2015	Planned Outage	906.75	13	69.75
1089055	1/20/2015	Planned Outage	80.9	3	26.97
1089058	1/20/2015	Planned Outage	132.73	2	66.37
1089059	1/20/2015	Planned Outage	131.98	1	131.98
1089065	1/20/2015	Planned Outage	73.72	1	73.72
1089066	1/20/2015	Planned Outage	173.08	5	34.62
1089068	1/20/2015	Planned Outage	88.77	1	88.77
1089071	1/20/2015	Planned Outage	78.5	2	39.25
1089072	1/20/2015	Planned Outage	618.9	18	34.38
1089081	1/20/2015	Planned Outage	88.53	4	22.13
1089128	1/20/2015	Planned Outage	77.08	5	15.42
1089130	1/20/2015	Planned Outage	139.47	4	34.87
1089138	1/21/2015	Planned Outage	291.95	3	97.32
1089140	1/21/2015	Planned Outage	742.92	5	148.58

Appendix 1

2015 Planned Outages Table

1089142	1/21/2015	Planned Outage	3780.4	26	145.4
1089144	1/21/2015	Planned Outage	64.87	1	64.87
1089146	1/21/2015	Planned Outage	327.33	10	32.73
1089149	1/21/2015	Planned Outage	55.9	1	55.9
1089151	1/21/2015	Planned Outage	320.25	7	45.75
1089152	1/21/2015	Planned Outage	274.1	6	45.68
1089153	1/21/2015	Planned Outage	236.63	2	118.32
1089154	1/21/2015	Planned Outage	199.08	5	39.82
1089156	1/21/2015	Planned Outage	14.3	1	14.3
1089158	1/21/2015	Planned Outage	147.28	1	147.28
1089160	1/21/2015	Planned Outage	44.22	1	44.22
1089162	1/21/2015	Planned Outage	143.42	5	28.68
1089163	1/21/2015	Planned Outage	109	4	27.25
1089167	1/21/2015	Planned Outage	118.28	1	118.28
1089169	1/21/2015	Planned Outage	62.93	1	62.93
1089170	1/21/2015	Planned Outage	20.97	2	10.48
1089173	1/21/2015	Planned Outage	395.75	3	131.92
1089177	1/21/2015	Planned Outage	495.25	5	99.05
1089186	1/21/2015	Planned Outage	72.08	5	14.42
1089187	1/21/2015	Planned Outage	216.02	1	216.02
1089195	1/21/2015	Planned Outage	14.57	1	14.57
1089196	1/21/2015	Planned Outage	218.63	7	31.23
1089198	1/21/2015	Planned Outage	9.25	1	9.25
1089200	1/21/2015	Planned Outage	91.2	6	15.2
1089204	1/21/2015	Planned Outage	13.23	1	13.23
1089205	1/21/2015	Planned Outage	65.6	3	21.87
1089208	1/21/2015	Planned Outage	58	1	58
1089209	1/21/2015	Planned Outage	275.03	2	137.52
1089243	1/21/2015	Planned Outage	68.82	1	68.82
1089254	1/22/2015	Planned Outage	102.37	1	102.37
1089255	1/22/2015	Planned Outage	72.87	1	72.87
1089257	1/22/2015	Planned Outage	6.08	1	6.08
1089258	1/22/2015	Planned Outage	276.8	4	69.2
1089259	1/22/2015	Planned Outage	1272.5	10	127.25
1089262	1/22/2015	Planned Outage	22.57	2	11.28
1089263	1/22/2015	Planned Outage	165.33	4	41.33
1089265	1/22/2015	Planned Outage	102.67	1	102.67
1089268	1/22/2015	Planned Outage	160.77	2	80.38
1089269	1/22/2015	Planned Outage	10.57	1	10.57
1089270	1/22/2015	Planned Outage	1798.77	26	69.18
1089272	1/22/2015	Planned Outage	11.47	1	11.47
1089275	1/22/2015	Planned Outage	973.73	2	486.87
1089280	1/22/2015	Planned Outage	102.5	2	51.25
1089290	1/22/2015	Planned Outage	33.7	1	33.7
1089292	1/22/2015	Planned Outage	319.47	2	159.73
1089294	1/22/2015	Planned Outage	31.72	1	31.72
1089295	1/22/2015	Planned Outage	321	5	64.2
1089301	1/22/2015	Planned Outage	379.07	4	94.77
1089302	1/22/2015	Planned Outage	45	5	9

Appendix 1

2015 Planned Outages Table

1089304	1/22/2015	Planned Outage	89.58	5	17.92
1089308	1/22/2015	Planned Outage	59.73	4	14.93
1089310	1/22/2015	Planned Outage	22.92	1	22.92
1089366	1/23/2015	Planned Outage	30.53	1	30.53
1089426	1/23/2015	Planned Outage	14.85	1	14.85
1089435	1/23/2015	Planned Outage	18.65	1	18.65
1089440	1/23/2015	Planned Outage	372.25	5	74.45
1089460	1/23/2015	Planned Outage	34	3	11.33
1089501	1/23/2015	Planned Outage	7.38	1	7.38
1089507	1/23/2015	Planned Outage	197	2	98.5
1089541	1/24/2015	Planned Outage	16.8	3	5.6
1089568	1/24/2015	Planned Outage	111.68	1	111.68
1089602	1/25/2015	Planned Outage	126	4	31.5
1089673	1/26/2015	Planned Outage	187.63	2	93.82
1089674	1/26/2015	Planned Outage	28.22	1	28.22
1089675	1/26/2015	Planned Outage	12.17	5	2.43
1089679	1/26/2015	Planned Outage	25.35	1	25.35
1089681	1/26/2015	Planned Outage	129.25	1	129.25
1089686	1/26/2015	Planned Outage	520.5	5	104.1
1089688	1/26/2015	Planned Outage	65.32	1	65.32
1089691	1/26/2015	Planned Outage	39.65	1	39.65
1089692	1/26/2015	Planned Outage	54.63	1	54.63
1089694	1/26/2015	Planned Outage	5.47	1	5.47
1089695	1/26/2015	Planned Outage	7.02	1	7.02
1089703	1/26/2015	Planned Outage	3.72	1	3.72
1089716	1/26/2015	Planned Outage	488.08	5	97.62
1089720	1/26/2015	Planned Outage	45.15	1	45.15
1089722	1/26/2015	Planned Outage	37.22	1	37.22
1089723	1/26/2015	Planned Outage	26.6	2	13.3
1089724	1/26/2015	Planned Outage	42.5	6	7.08
1089730	1/26/2015	Planned Outage	302.97	2	151.48
1089752	1/26/2015	Planned Outage	286.17	2	143.08
1089753	1/26/2015	Planned Outage	93.28	1	93.28
1089787	1/27/2015	Planned Outage	104.97	2	52.48
1089788	1/27/2015	Planned Outage	176.35	1	176.35
1089793	1/27/2015	Planned Outage	21880.65	149	146.85
1089796	1/27/2015	Planned Outage	164.2	4	41.05
1089797	1/27/2015	Planned Outage	23.87	1	23.87
1089798	1/27/2015	Planned Outage	9783.67	98	99.83
1089803	1/27/2015	Planned Outage	740.5	10	74.05
1089805	1/27/2015	Planned Outage	963.4	6	160.57
1089806	1/27/2015	Planned Outage	16.42	1	16.42
1089812	1/27/2015	Planned Outage	464.42	5	92.88
1089814	1/27/2015	Planned Outage	207.77	2	103.88
1089816	1/27/2015	Planned Outage	33.1	1	33.1
1089817	1/27/2015	Planned Outage	188.03	2	94.02
1089825	1/27/2015	Planned Outage	143.83	5	28.77
1089836	1/27/2015	Planned Outage	536.8	4	134.2
1089838	1/27/2015	Planned Outage	270.67	4	67.67

Appendix 1

2015 Planned Outages Table

1089840	1/27/2015	Planned Outage	14.43	1	14.43
1089841	1/27/2015	Planned Outage	106.93	1	106.93
1089842	1/27/2015	Planned Outage	117.45	1	117.45
1089843	1/27/2015	Planned Outage	548.83	5	109.77
1089845	1/27/2015	Planned Outage	90.8	1	90.8
1089879	1/28/2015	Planned Outage	77.05	3	25.68
1089880	1/28/2015	Planned Outage	541.67	4	135.42
1089882	1/28/2015	Planned Outage	774.08	5	154.82
1089883	1/28/2015	Planned Outage	4271.73	16	266.98
1089886	1/28/2015	Planned Outage	266.92	1	266.92
1089889	1/28/2015	Planned Outage	1614.6	4	403.65
1089890	1/28/2015	Planned Outage	1591.8	4	397.95
1089891	1/28/2015	Planned Outage	22.47	1	22.47
1089901	1/28/2015	Planned Outage	637	7	91
1089903	1/28/2015	Planned Outage	244.95	1	244.95
1089904	1/28/2015	Planned Outage	741.42	5	148.28
1089906	1/28/2015	Planned Outage	122.33	1	122.33
1089909	1/28/2015	Planned Outage	884.08	5	176.82
1089912	1/28/2015	Planned Outage	133.2	1	133.2
1089914	1/28/2015	Planned Outage	239.3	3	79.77
1089919	1/28/2015	Planned Outage	236.25	5	47.25
1089923	1/28/2015	Planned Outage	118.53	2	59.27
1089927	1/28/2015	Planned Outage	97.08	1	97.08
1089928	1/28/2015	Planned Outage	135.13	4	33.78
1089931	1/28/2015	Planned Outage	87.1	26	3.35
1089932	1/28/2015	Planned Outage	47.1	9	5.23
1089936	1/28/2015	Planned Outage	155.77	2	77.88
1089946	1/28/2015	Planned Outage	305.8	4	76.45
1089979	1/29/2015	Planned Outage	116.2	12	9.68
1089981	1/29/2015	Planned Outage	152	2	76
1089982	1/29/2015	Planned Outage	357.87	1	357.87
1089987	1/29/2015	Planned Outage	400.63	17	23.57
1089988	1/29/2015	Planned Outage	4500.8	58	77.6
1089991	1/29/2015	Planned Outage	77.02	1	77.02
1089993	1/29/2015	Planned Outage	602	2	301
1089994	1/29/2015	Planned Outage	27.33	1	27.33
1089996	1/29/2015	Planned Outage	585.23	2	292.62
1089997	1/29/2015	Planned Outage	201.9	6	33.65
1090008	1/29/2015	Planned Outage	15.77	2	7.88
1090009	1/29/2015	Planned Outage	18.95	3	6.32
1090011	1/29/2015	Planned Outage	85.33	4	21.33
1090013	1/29/2015	Planned Outage	14	3	4.67
1090014	1/29/2015	Planned Outage	481.67	20	24.08
1090017	1/29/2015	Planned Outage	52.8	4	13.2
1090018	1/29/2015	Planned Outage	88.4	3	29.47
1090023	1/29/2015	Planned Outage	381.5	3	127.17
1090024	1/29/2015	Planned Outage	131.3	3	43.77
1090032	1/29/2015	Planned Outage	107.87	2	53.93
1090034	1/29/2015	Planned Outage	57.38	1	57.38

Appendix 1

2015 Planned Outages Table

1090066	1/30/2015	Planned Outage	303.8	6	50.63
1090067	1/30/2015	Planned Outage	8228.13	104	79.12
1090076	1/30/2015	Planned Outage	4105.98	67	61.28
1090079	1/30/2015	Planned Outage	59.67	1	59.67
1090080	1/30/2015	Planned Outage	60.85	3	20.28
1090081	1/30/2015	Planned Outage	818.1	9	90.9
1090084	1/30/2015	Planned Outage	51.4	1	51.4
1090086	1/30/2015	Planned Outage	216.98	1	216.98
1090087	1/30/2015	Planned Outage	862.67	16	53.92
1090088	1/30/2015	Planned Outage	155.63	2	77.82
1090090	1/30/2015	Planned Outage	354.87	4	88.72
1090091	1/30/2015	Planned Outage	60.38	1	60.38
1090092	1/30/2015	Planned Outage	56.13	1	56.13
1090098	1/30/2015	Planned Outage	288.4	3	96.13
1090099	1/30/2015	Planned Outage	30	1	30
1090100	1/30/2015	Planned Outage	4264.17	50	85.28
1090105	1/30/2015	Planned Outage	21.57	2	10.78
1090107	1/30/2015	Planned Outage	5569.2	91	61.2
1090109	1/30/2015	Planned Outage	39.8	2	19.9
1090111	1/30/2015	Planned Outage	29.5	6	4.92
1090112	1/30/2015	Planned Outage	105.08	1	105.08
1090115	1/30/2015	Planned Outage	74.43	1	74.43
1090131	1/30/2015	Planned Outage	1064	10	106.4
1090141	1/30/2015	Planned Outage	37.43	1	37.43
1090145	1/30/2015	Planned Outage	39.63	2	19.82
1090282	2/2/2015	Planned Outage	497.95	3	165.98
1090283	2/2/2015	Planned Outage	126.5	3	42.17
1090288	2/2/2015	Planned Outage	239.05	1	239.05
1090289	2/2/2015	Planned Outage	1279.47	4	319.87
1090295	2/2/2015	Planned Outage	288.75	9	32.08
1090298	2/2/2015	Planned Outage	386.2	6	64.37
1090299	2/2/2015	Planned Outage	117.8	1	117.8
1090300	2/2/2015	Planned Outage	150.67	1	150.67
1090304	2/2/2015	Planned Outage	501.33	5	100.27
1090309	2/2/2015	Planned Outage	39.95	1	39.95
1090311	2/2/2015	Planned Outage	466.7	6	77.78
1090314	2/2/2015	Planned Outage	53.5	2	26.75
1090315	2/2/2015	Planned Outage	108.87	1	108.87
1090316	2/2/2015	Planned Outage	110.32	1	110.32
1090320	2/2/2015	Planned Outage	3672.9	99	37.1
1090322	2/2/2015	Planned Outage	11.47	1	11.47
1090323	2/2/2015	Planned Outage	161	4	40.25
1090328	2/2/2015	Planned Outage	110	5	22
1090329	2/2/2015	Planned Outage	110.75	5	22.15
1090335	2/2/2015	Planned Outage	152.6	1	152.6
1090338	2/2/2015	Planned Outage	21.38	1	21.38
1090341	2/2/2015	Planned Outage	229.95	3	76.65
1090342	2/2/2015	Planned Outage	37.58	1	37.58
1090343	2/2/2015	Planned Outage	44.9	1	44.9

Appendix 1

2015 Planned Outages Table

1090345	2/2/2015	Planned Outage	107.07	4	26.77
1090347	2/2/2015	Planned Outage	244.4	6	40.73
1090348	2/2/2015	Planned Outage	31.8	6	5.3
1090349	2/2/2015	Planned Outage	28.58	5	5.72
1090351	2/2/2015	Planned Outage	147.33	1	147.33
1090357	2/2/2015	Planned Outage	55.55	11	5.05
1090360	2/2/2015	Planned Outage	559	6	93.17
1090362	2/2/2015	Planned Outage	71.2	2	35.6
1090368	2/2/2015	Planned Outage	158.93	2	79.47
1090376	2/2/2015	Planned Outage	18	1	18
1090378	2/2/2015	Planned Outage	392.13	4	98.03
1090380	2/2/2015	Planned Outage	5.48	1	5.48
1090382	2/2/2015	Planned Outage	38.8	2	19.4
1090415	2/3/2015	Planned Outage	124.48	1	124.48
1090417	2/3/2015	Planned Outage	50.55	3	16.85
1090419	2/3/2015	Planned Outage	16.68	1	16.68
1090420	2/3/2015	Planned Outage	10288.13	56	183.72
1090424	2/3/2015	Planned Outage	21217.5	90	235.75
1090425	2/3/2015	Planned Outage	300.2	3	100.07
1090426	2/3/2015	Planned Outage	98.1	6	16.35
1090431	2/3/2015	Planned Outage	529.67	10	52.97
1090437	2/3/2015	Planned Outage	14192.9	71	199.9
1090438	2/3/2015	Planned Outage	683.73	4	170.93
1090445	2/3/2015	Planned Outage	46.67	5	9.33
1090454	2/3/2015	Planned Outage	574.82	7	82.12
1090458	2/3/2015	Planned Outage	29	1	29
1090459	2/3/2015	Planned Outage	21.83	1	21.83
1090465	2/3/2015	Planned Outage	1112.33	5	222.47
1090467	2/3/2015	Planned Outage	128	4	32
1090471	2/3/2015	Planned Outage	86.8	3	28.93
1090475	2/3/2015	Planned Outage	1627.17	5	325.43
1090483	2/3/2015	Planned Outage	208.53	4	52.13
1090484	2/3/2015	Planned Outage	90.2	4	22.55
1090485	2/3/2015	Planned Outage	9.23	1	9.23
1090486	2/3/2015	Planned Outage	15.83	1	15.83
1090487	2/3/2015	Planned Outage	12.7	3	4.23
1090494	2/3/2015	Planned Outage	298.1	2	149.05
1090532	2/4/2015	Planned Outage	109.25	57	1.92
1090546	2/4/2015	Planned Outage	15.3	1	15.3
1090550	2/4/2015	Planned Outage	47.47	1	47.47
1090552	2/4/2015	Planned Outage	29.98	1	29.98
1090557	2/4/2015	Planned Outage	55.35	1	55.35
1090560	2/4/2015	Planned Outage	371.45	57	6.52
1090583	2/4/2015	Planned Outage	104.58	5	20.92
1090584	2/4/2015	Planned Outage	85.77	2	42.88
1090606	2/5/2015	Planned Outage	5.58	1	5.58
1090608	2/5/2015	Planned Outage	6.5	1	6.5
1090611	2/5/2015	Planned Outage	112.12	7	16.02
1090613	2/5/2015	Planned Outage	270.33	1	270.33

Appendix 1

2015 Planned Outages Table

1090615	2/5/2015	Planned Outage	48.5	1	48.5
1090616	2/5/2015	Planned Outage	10.6	1	10.6
1090617	2/5/2015	Planned Outage	1.57	1	1.57
1090618	2/5/2015	Planned Outage	252.08	11	22.92
1090619	2/5/2015	Planned Outage	1526.25	55	27.75
1090621	2/5/2015	Planned Outage	234.4	12	19.53
1090623	2/5/2015	Planned Outage	46.57	1	46.57
1090625	2/5/2015	Planned Outage	319.4	4	79.85
1090626	2/5/2015	Planned Outage	123.65	3	41.22
1090627	2/5/2015	Planned Outage	3.02	1	3.02
1090629	2/5/2015	Planned Outage	324.92	5	64.98
1090632	2/5/2015	Planned Outage	368.57	2	184.28
1090635	2/5/2015	Planned Outage	107.83	2	53.92
1090638	2/5/2015	Planned Outage	346.3	2	173.15
1090642	2/5/2015	Planned Outage	65.23	1	65.23
1090654	2/5/2015	Planned Outage	148.3	6	24.72
1090659	2/5/2015	Planned Outage	99.37	2	49.68
1090669	2/5/2015	Planned Outage	3.92	1	3.92
1090691	2/5/2015	Planned Outage	282.05	3	94.02
1090700	2/6/2015	Planned Outage	130.47	4	32.62
1090716	2/6/2015	Planned Outage	66.5	1	66.5
1090720	2/6/2015	Planned Outage	97.33	4	24.33
1090721	2/6/2015	Planned Outage	14.5	5	2.9
1090722	2/6/2015	Planned Outage	13.03	2	6.52
1090725	2/6/2015	Planned Outage	26868.4	312	86.12
1090728	2/6/2015	Planned Outage	6.2	2	3.1
1090729	2/6/2015	Planned Outage	704	16	44
1090732	2/6/2015	Planned Outage	303	3	101
1090733	2/6/2015	Planned Outage	101.3	3	33.77
1090740	2/6/2015	Planned Outage	610.08	5	122.02
1090741	2/6/2015	Planned Outage	10996.72	71	154.88
1090745	2/6/2015	Planned Outage	147.2	4	36.8
1090748	2/6/2015	Planned Outage	12354.53	427	28.93
1090760	2/6/2015	Planned Outage	3579.3	194	18.45
1090763	2/6/2015	Planned Outage	16.52	1	16.52
1090764	2/6/2015	Planned Outage	2102.33	34	61.83
1090766	2/6/2015	Planned Outage	18793.25	105	178.98
1090769	2/6/2015	Planned Outage	45.77	1	45.77
1090773	2/6/2015	Planned Outage	105.92	31	3.42
1090789	2/6/2015	Planned Outage	124.4	3	41.47
1090790	2/6/2015	Planned Outage	8.13	1	8.13
1090793	2/6/2015	Planned Outage	302.25	9	33.58
1090801	2/6/2015	Planned Outage	45.4	6	7.57
1090888	2/7/2015	Planned Outage	121.6	2	60.8
1090923	2/8/2015	Planned Outage	3.1	1	3.1
1090924	2/8/2015	Planned Outage	2.65	1	2.65
1090925	2/8/2015	Planned Outage	2.82	1	2.82
1090929	2/8/2015	Planned Outage	282.95	1	282.95
1090939	2/8/2015	Planned Outage	31.37	1	31.37

Appendix 1

2015 Planned Outages Table

1090944	2/8/2015	Planned Outage	67.93	2	33.97
1090976	2/9/2015	Planned Outage	2061.15	273	7.55
1090983	2/9/2015	Planned Outage	24	2	12
1090984	2/9/2015	Planned Outage	90.35	1	90.35
1090986	2/9/2015	Planned Outage	274.43	2	137.22
1090987	2/9/2015	Planned Outage	382.9	3	127.63
1090989	2/9/2015	Planned Outage	137	10	13.7
1090991	2/9/2015	Planned Outage	881.25	5	176.25
1090992	2/9/2015	Planned Outage	328.13	8	41.02
1090994	2/9/2015	Planned Outage	137.1	18	7.62
1090995	2/9/2015	Planned Outage	7.63	1	7.63
1091001	2/9/2015	Planned Outage	18.77	1	18.77
1091003	2/9/2015	Planned Outage	1249	6	208.17
1091004	2/9/2015	Planned Outage	94.37	1	94.37
1091006	2/9/2015	Planned Outage	553.95	3	184.65
1091009	2/9/2015	Planned Outage	240.58	5	48.12
1091022	2/9/2015	Planned Outage	36.45	1	36.45
1091050	2/9/2015	Planned Outage	599.2	7	85.6
1091079	2/10/2015	Planned Outage	133.1	11	12.1
1091080	2/10/2015	Planned Outage	11.32	1	11.32
1091083	2/10/2015	Planned Outage	179.07	4	44.77
1091084	2/10/2015	Planned Outage	35.48	1	35.48
1091085	2/10/2015	Planned Outage	56.82	1	56.82
1091086	2/10/2015	Planned Outage	1759.92	35	50.28
1091088	2/10/2015	Planned Outage	13	1	13
1091092	2/10/2015	Planned Outage	263	1	263
1091093	2/10/2015	Planned Outage	16.05	1	16.05
1091095	2/10/2015	Planned Outage	66.53	2	33.27
1091097	2/10/2015	Planned Outage	40.47	1	40.47
1091098	2/10/2015	Planned Outage	160.53	1	160.53
1091099	2/10/2015	Planned Outage	159.27	1	159.27
1091101	2/10/2015	Planned Outage	101.8	1	101.8
1091103	2/10/2015	Planned Outage	254.23	2	127.12
1091106	2/10/2015	Planned Outage	312.07	4	78.02
1091107	2/10/2015	Planned Outage	89.93	4	22.48
1091108	2/10/2015	Planned Outage	30.15	1	30.15
1091109	2/10/2015	Planned Outage	167.4	4	41.85
1091116	2/10/2015	Planned Outage	318.2	4	79.55
1091117	2/10/2015	Planned Outage	1.02	1	1.02
1091118	2/10/2015	Planned Outage	133.7	3	44.57
1091123	2/10/2015	Planned Outage	162	3	54
1091124	2/10/2015	Planned Outage	68.95	3	22.98
1091128	2/10/2015	Planned Outage	36.2	1	36.2
1091135	2/10/2015	Planned Outage	350.1	3	116.7
1091136	2/10/2015	Planned Outage	33.37	2	16.68
1091145	2/10/2015	Planned Outage	87.53	2	43.77
1091149	2/10/2015	Planned Outage	12.45	3	4.15
1091162	2/11/2015	Planned Outage	574.47	28	20.52
1091165	2/11/2015	Planned Outage	33.93	1	33.93

Appendix 1

2015 Planned Outages Table

1091167	2/11/2015	Planned Outage	662.7	6	110.45
1091172	2/11/2015	Planned Outage	212.7	18	11.82
1091175	2/11/2015	Planned Outage	28.37	1	28.37
1091181	2/11/2015	Planned Outage	75.52	1	75.52
1091183	2/11/2015	Planned Outage	104.07	2	52.03
1091184	2/11/2015	Planned Outage	283.4	12	23.62
1091188	2/11/2015	Planned Outage	287.47	4	71.87
1091195	2/11/2015	Planned Outage	544.53	4	136.13
1091200	2/11/2015	Planned Outage	100.93	1	100.93
1091205	2/11/2015	Planned Outage	34	4	8.5
1091206	2/11/2015	Planned Outage	228.93	4	57.23
1091210	2/11/2015	Planned Outage	36.8	12	3.07
1091212	2/11/2015	Planned Outage	25.53	4	6.38
1091213	2/11/2015	Planned Outage	214.07	4	53.52
1091215	2/11/2015	Planned Outage	33.47	1	33.47
1091219	2/11/2015	Planned Outage	14.12	1	14.12
1091231	2/12/2015	Planned Outage	974.6	11	88.6
1091233	2/12/2015	Planned Outage	856.33	4	214.08
1091240	2/12/2015	Planned Outage	131.27	4	32.82
1091241	2/12/2015	Planned Outage	109.42	1	109.42
1091242	2/12/2015	Planned Outage	14.07	2	7.03
1091243	2/12/2015	Planned Outage	359.07	4	89.77
1091245	2/12/2015	Planned Outage	78.13	1	78.13
1091248	2/12/2015	Planned Outage	341.95	3	113.98
1091251	2/12/2015	Planned Outage	150.38	7	21.48
1091256	2/12/2015	Planned Outage	97.63	1	97.63
1091259	2/12/2015	Planned Outage	420	7	60
1091263	2/12/2015	Planned Outage	150.8	2	75.4
1091264	2/12/2015	Planned Outage	104.75	5	20.95
1091268	2/12/2015	Planned Outage	28.97	2	14.48
1091275	2/12/2015	Planned Outage	2.8	1	2.8
1091288	2/12/2015	Planned Outage	41.2	4	10.3
1091301	2/12/2015	Planned Outage	1741.95	79	22.05
1091313	2/12/2015	Planned Outage	18.33	1	18.33
1091344	2/13/2015	Planned Outage	65.3	1	65.3
1091351	2/13/2015	Planned Outage	52.8	1	52.8
1091357	2/13/2015	Planned Outage	9.78	1	9.78
1091358	2/13/2015	Planned Outage	51.7	2	25.85
1091360	2/13/2015	Planned Outage	474.47	4	118.62
1091361	2/13/2015	Planned Outage	143.5	2	71.75
1091365	2/13/2015	Planned Outage	204.35	3	68.12
1091367	2/13/2015	Planned Outage	885.13	68	13.02
1091370	2/13/2015	Planned Outage	390	6	65
1091372	2/13/2015	Planned Outage	20.63	2	10.32
1091376	2/13/2015	Planned Outage	234.9	6	39.15
1091377	2/13/2015	Planned Outage	42.37	1	42.37
1091392	2/13/2015	Planned Outage	361.35	9	40.15
1091394	2/13/2015	Planned Outage	14.38	1	14.38
1091413	2/13/2015	Planned Outage	28.97	1	28.97

Appendix 1

2015 Planned Outages Table

1091415	2/13/2015	Planned Outage	20.63	1	20.63
1091542	2/16/2015	Planned Outage	408.93	4	102.23
1091547	2/16/2015	Planned Outage	367.45	3	122.48
1091549	2/16/2015	Planned Outage	5.95	1	5.95
1091550	2/16/2015	Planned Outage	54.95	1	54.95
1091552	2/16/2015	Planned Outage	33.38	1	33.38
1091553	2/16/2015	Planned Outage	5174.4	99	52.27
1091558	2/16/2015	Planned Outage	19.05	1	19.05
1091562	2/16/2015	Planned Outage	163.38	1	163.38
1091564	2/16/2015	Planned Outage	35	10	3.5
1091566	2/16/2015	Planned Outage	429.47	4	107.37
1091568	2/16/2015	Planned Outage	263.33	2	131.67
1091571	2/16/2015	Planned Outage	50.25	3	16.75
1091573	2/16/2015	Planned Outage	20086.8	152	132.15
1091576	2/16/2015	Planned Outage	133.07	1	133.07
1091583	2/16/2015	Planned Outage	49.33	1	49.33
1091593	2/16/2015	Planned Outage	289.87	4	72.47
1091594	2/16/2015	Planned Outage	69.37	1	69.37
1091611	2/16/2015	Planned Outage	203	4	50.75
1091613	2/16/2015	Planned Outage	98.8	3	32.93
1091615	2/16/2015	Planned Outage	72	1	72
1091619	2/16/2015	Planned Outage	59.1	1	59.1
1091647	2/17/2015	Planned Outage	136.9	2	68.45
1091653	2/17/2015	Planned Outage	80.1	18	4.45
1091659	2/17/2015	Planned Outage	20.27	1	20.27
1091662	2/17/2015	Planned Outage	148.52	7	21.22
1091663	2/17/2015	Planned Outage	76.43	1	76.43
1091664	2/17/2015	Planned Outage	76.75	1	76.75
1091668	2/17/2015	Planned Outage	34.7	1	34.7
1091669	2/17/2015	Planned Outage	69.63	2	34.82
1091673	2/17/2015	Planned Outage	50.23	2	25.12
1091677	2/17/2015	Planned Outage	19.97	2	9.98
1091680	2/17/2015	Planned Outage	57.55	1	57.55
1091682	2/17/2015	Planned Outage	1595.53	52	30.68
1091687	2/17/2015	Planned Outage	46.47	1	46.47
1091691	2/17/2015	Planned Outage	371.8	4	92.95
1091693	2/17/2015	Planned Outage	39.98	1	39.98
1091695	2/17/2015	Planned Outage	303.4	3	101.13
1091699	2/17/2015	Planned Outage	41.85	1	41.85
1091703	2/17/2015	Planned Outage	39.6	1	39.6
1091721	2/17/2015	Planned Outage	244	61	4
1091735	2/18/2015	Planned Outage	125.53	4	31.38
1091736	2/18/2015	Planned Outage	93.7	3	31.23
1091737	2/18/2015	Planned Outage	95.15	3	31.72
1091740	2/18/2015	Planned Outage	11.37	1	11.37
1091741	2/18/2015	Planned Outage	25.9	1	25.9
1091744	2/18/2015	Planned Outage	90.77	1	90.77
1091745	2/18/2015	Planned Outage	70	7	10
1091746	2/18/2015	Planned Outage	72.47	4	18.12

Appendix 1

2015 Planned Outages Table

1091748	2/18/2015	Planned Outage	240.6	6	40.1
1091749	2/18/2015	Planned Outage	769.8	4	192.45
1091751	2/18/2015	Planned Outage	700.87	4	175.22
1091753	2/18/2015	Planned Outage	176	2	88
1091772	2/18/2015	Planned Outage	163.87	4	40.97
1091790	2/18/2015	Planned Outage	66.38	7	9.48
1091795	2/18/2015	Planned Outage	121.65	1	121.65
1091800	2/18/2015	Planned Outage	83.07	1	83.07
1091803	2/18/2015	Planned Outage	154.5	5	30.9
1091809	2/18/2015	Planned Outage	240.92	5	48.18
1091834	2/19/2015	Planned Outage	87.32	1	87.32
1091839	2/19/2015	Planned Outage	45.5	1	45.5
1091841	2/19/2015	Planned Outage	21.72	1	21.72
1091847	2/19/2015	Planned Outage	120.8	2	60.4
1091849	2/19/2015	Planned Outage	836.33	20	41.82
1091851	2/19/2015	Planned Outage	98.4	9	10.93
1091857	2/19/2015	Planned Outage	197.83	2	98.92
1091864	2/19/2015	Planned Outage	21.2	3	7.07
1091865	2/19/2015	Planned Outage	124.52	1	124.52
1091866	2/19/2015	Planned Outage	29.1	2	14.55
1091867	2/19/2015	Planned Outage	13.8	1	13.8
1091868	2/19/2015	Planned Outage	435	12	36.25
1091869	2/19/2015	Planned Outage	52.7	3	17.57
1091871	2/19/2015	Planned Outage	18.15	1	18.15
1091875	2/19/2015	Planned Outage	12.43	1	12.43
1091878	2/19/2015	Planned Outage	29.53	1	29.53
1091883	2/19/2015	Planned Outage	8.12	1	8.12
1091886	2/19/2015	Planned Outage	90.9	3	30.3
1091889	2/19/2015	Planned Outage	80.93	4	20.23
1091895	2/19/2015	Planned Outage	90	2	45
1091897	2/19/2015	Planned Outage	214.67	7	30.67
1091900	2/19/2015	Planned Outage	33.43	1	33.43
1091901	2/19/2015	Planned Outage	1989.67	20	99.48
1091903	2/19/2015	Planned Outage	52.7	1	52.7
1091924	2/19/2015	Planned Outage	457.92	5	91.58
1091951	2/20/2015	Planned Outage	37.77	2	18.88
1091952	2/20/2015	Planned Outage	78.45	1	78.45
1091958	2/20/2015	Planned Outage	1911	13	147
1091960	2/20/2015	Planned Outage	24.17	2	12.08
1091962	2/20/2015	Planned Outage	142.8	12	11.9
1091965	2/20/2015	Planned Outage	1409.33	10	140.93
1091967	2/20/2015	Planned Outage	507.17	17	29.83
1091968	2/20/2015	Planned Outage	40.52	1	40.52
1091973	2/20/2015	Planned Outage	149.2	4	37.3
1091975	2/20/2015	Planned Outage	111	1	111
1091976	2/20/2015	Planned Outage	72.4	2	36.2
1091979	2/20/2015	Planned Outage	317.85	9	35.32
1091999	2/20/2015	Planned Outage	28.47	1	28.47
1092002	2/20/2015	Planned Outage	15.77	1	15.77

Appendix 1

2015 Planned Outages Table

1092006	2/20/2015	Planned Outage	229.67	4	57.42
1092085	2/21/2015	Planned Outage	57.8	3	19.27
1092168	2/22/2015	Planned Outage	573.75	3	191.25
1092245	2/23/2015	Planned Outage	1630	6	271.67
1092247	2/23/2015	Planned Outage	34.92	1	34.92
1092253	2/23/2015	Planned Outage	126	2	63
1092254	2/23/2015	Planned Outage	256	4	64
1092256	2/23/2015	Planned Outage	13.47	1	13.47
1092257	2/23/2015	Planned Outage	146	2	73
1092259	2/23/2015	Planned Outage	103.7	1	103.7
1092266	2/23/2015	Planned Outage	66.6	1	66.6
1092270	2/23/2015	Planned Outage	85.03	2	42.52
1092272	2/23/2015	Planned Outage	80.67	5	16.13
1092275	2/23/2015	Planned Outage	62.07	4	15.52
1092277	2/23/2015	Planned Outage	93.07	2	46.53
1092313	2/23/2015	Planned Outage	57.4	4	14.35
1092314	2/23/2015	Planned Outage	1272.3	18	70.68
1092318	2/23/2015	Planned Outage	119.2	2	59.6
1092319	2/23/2015	Planned Outage	691.07	8	86.38
1092321	2/23/2015	Planned Outage	233	1	233
1092322	2/23/2015	Planned Outage	464.87	2	232.43
1092324	2/23/2015	Planned Outage	9	5	1.8
1092326	2/23/2015	Planned Outage	45.5	3	15.17
1092331	2/23/2015	Planned Outage	348.93	4	87.23
1092332	2/23/2015	Planned Outage	695.13	4	173.78
1092338	2/23/2015	Planned Outage	140.58	5	28.12
1092342	2/23/2015	Planned Outage	782.6	156	5.02
1092347	2/23/2015	Planned Outage	47.13	4	11.78
1092376	2/24/2015	Planned Outage	716	4	179
1092377	2/24/2015	Planned Outage	700	4	175
1092387	2/24/2015	Planned Outage	218.33	10	21.83
1092390	2/24/2015	Planned Outage	37.4	6	6.23
1092392	2/24/2015	Planned Outage	262.4	4	65.6
1092394	2/24/2015	Planned Outage	595.8	6	99.3
1092395	2/24/2015	Planned Outage	402.45	3	134.15
1092396	2/24/2015	Planned Outage	576.12	13	44.32
1092401	2/24/2015	Planned Outage	237.37	2	118.68
1092404	2/24/2015	Planned Outage	585.15	3	195.05
1092408	2/24/2015	Planned Outage	35.77	2	17.88
1092412	2/24/2015	Planned Outage	17	1	17
1092416	2/24/2015	Planned Outage	44.07	2	22.03
1092423	2/24/2015	Planned Outage	77	1	77
1092424	2/24/2015	Planned Outage	217.87	2	108.93
1092425	2/24/2015	Planned Outage	50.27	1	50.27
1092427	2/24/2015	Planned Outage	1115.83	13	85.83
1092428	2/24/2015	Planned Outage	1882.62	13	144.82
1092436	2/24/2015	Planned Outage	46.25	3	15.42
1092448	2/25/2015	Planned Outage	48	4	12
1092454	2/25/2015	Planned Outage	9.35	1	9.35

Appendix 1

2015 Planned Outages Table

1092456	2/25/2015	Planned Outage	548.58	5	109.72
1092635	2/26/2015	Planned Outage	854.5	5	170.9
1092636	2/26/2015	Planned Outage	311	4	77.75
1092638	2/26/2015	Planned Outage	14.22	1	14.22
1092642	2/26/2015	Planned Outage	1230.2	6	205.03
1092650	2/26/2015	Planned Outage	25	1	25
1092656	2/26/2015	Planned Outage	32	1	32
1092661	2/26/2015	Planned Outage	905.75	15	60.38
1092662	2/26/2015	Planned Outage	232.98	7	33.28
1092664	2/26/2015	Planned Outage	20.73	1	20.73
1092666	2/26/2015	Planned Outage	155	1	155
1092673	2/26/2015	Planned Outage	189.9	3	63.3
1092676	2/26/2015	Planned Outage	119.13	2	59.57
1092677	2/26/2015	Planned Outage	477.6	12	39.8
1092678	2/26/2015	Planned Outage	36.97	2	18.48
1092681	2/26/2015	Planned Outage	479.03	7	68.43
1092691	2/26/2015	Planned Outage	199.13	4	49.78
1092693	2/26/2015	Planned Outage	125.2	2	62.6
1092698	2/26/2015	Planned Outage	52.35	3	17.45
1092743	2/27/2015	Planned Outage	1279	6	213.17
1092744	2/27/2015	Planned Outage	73.87	2	36.93
1092745	2/27/2015	Planned Outage	72.63	2	36.32
1092747	2/27/2015	Planned Outage	198	4	49.5
1092748	2/27/2015	Planned Outage	63.43	1	63.43
1092750	2/27/2015	Planned Outage	292.83	2	146.42
1092917	2/27/2015	Planned Outage	68.73	1	68.73
1092920	2/27/2015	Planned Outage	18.78	1	18.78
1092921	2/27/2015	Planned Outage	46.72	1	46.72
1092925	2/27/2015	Planned Outage	1219.4	26	46.9
1092927	2/27/2015	Planned Outage	46.73	4	11.68
1092932	2/27/2015	Planned Outage	16.88	1	16.88
1092933	2/27/2015	Planned Outage	84.83	5	16.97
1092937	2/27/2015	Planned Outage	140.53	4	35.13
1092939	2/27/2015	Planned Outage	124.23	1	124.23
1092943	2/27/2015	Planned Outage	3.85	1	3.85
1092949	2/27/2015	Planned Outage	48.13	1	48.13
1093016	2/28/2015	Planned Outage	227.33	5	45.47
1093112	3/2/2015	Planned Outage	14.33	1	14.33
1093114	3/2/2015	Planned Outage	939.13	4	234.78
1093116	3/2/2015	Planned Outage	443	3	147.67
1093119	3/2/2015	Planned Outage	70.88	1	70.88
1093121	3/2/2015	Planned Outage	1058.4	7	151.2
1093123	3/2/2015	Planned Outage	77.4	1	77.4
1093124	3/2/2015	Planned Outage	30231.3	99	305.37
1093131	3/2/2015	Planned Outage	630.3	9	70.03
1093132	3/2/2015	Planned Outage	89.45	3	29.82
1093135	3/2/2015	Planned Outage	672.67	5	134.53
1093137	3/2/2015	Planned Outage	1164.6	4	291.15
1093141	3/2/2015	Planned Outage	42.5	3	14.17

Appendix 1

2015 Planned Outages Table

1093143	3/2/2015	Planned Outage	2346.37	86	27.28
1093144	3/2/2015	Planned Outage	79.93	1	79.93
1093152	3/2/2015	Planned Outage	152.92	1	152.92
1093156	3/2/2015	Planned Outage	359.73	4	89.93
1093157	3/2/2015	Planned Outage	356.6	4	89.15
1093158	3/2/2015	Planned Outage	237.83	5	47.57
1093159	3/2/2015	Planned Outage	31.08	1	31.08
1093167	3/2/2015	Planned Outage	69.73	2	34.87
1093168	3/2/2015	Planned Outage	251.33	2	125.67
1093172	3/2/2015	Planned Outage	63.35	1	63.35
1093177	3/2/2015	Planned Outage	49.27	1	49.27
1093179	3/2/2015	Planned Outage	122.57	2	61.28
1093187	3/2/2015	Planned Outage	107.15	3	35.72
1093212	3/3/2015	Planned Outage	15.6	3	5.2
1093215	3/3/2015	Planned Outage	225.08	1	225.08
1093216	3/3/2015	Planned Outage	4.18	1	4.18
1093217	3/3/2015	Planned Outage	119.6	1	119.6
1093218	3/3/2015	Planned Outage	136.78	1	136.78
1093219	3/3/2015	Planned Outage	113.03	2	56.52
1093220	3/3/2015	Planned Outage	23157.4	139	166.6
1093224	3/3/2015	Planned Outage	191.2	2	95.6
1093229	3/3/2015	Planned Outage	52.9	2	26.45
1093230	3/3/2015	Planned Outage	69.63	1	69.63
1093235	3/3/2015	Planned Outage	52.1	1	52.1
1093236	3/3/2015	Planned Outage	194.55	3	64.85
1093238	3/3/2015	Planned Outage	539.33	8	67.42
1093244	3/3/2015	Planned Outage	1018.4	8	127.3
1093246	3/3/2015	Planned Outage	106.85	3	35.62
1093248	3/3/2015	Planned Outage	158.5	2	79.25
1093249	3/3/2015	Planned Outage	61.25	1	61.25
1093257	3/3/2015	Planned Outage	634.25	5	126.85
1093258	3/3/2015	Planned Outage	116.77	2	58.38
1093261	3/3/2015	Planned Outage	400	5	80
1093264	3/3/2015	Planned Outage	10.22	1	10.22
1093266	3/3/2015	Planned Outage	35.93	2	17.97
1093268	3/3/2015	Planned Outage	378.2	6	63.03
1093282	3/3/2015	Planned Outage	118	1	118
1093302	3/3/2015	Planned Outage	411.97	17	24.23
1093313	3/4/2015	Planned Outage	263.22	1	263.22
1093316	3/4/2015	Planned Outage	683.4	18	37.97
1093317	3/4/2015	Planned Outage	193.63	2	96.82
1093318	3/4/2015	Planned Outage	202.2	4	50.55
1093320	3/4/2015	Planned Outage	39.83	1	39.83
1093322	3/4/2015	Planned Outage	1585.83	55	28.83
1093326	3/4/2015	Planned Outage	333.43	7	47.63
1093337	3/4/2015	Planned Outage	93.3	2	46.65
1093341	3/4/2015	Planned Outage	14.13	2	7.07
1093344	3/4/2015	Planned Outage	7.13	1	7.13
1093346	3/4/2015	Planned Outage	19.15	1	19.15

Appendix 1

2015 Planned Outages Table

1093347	3/4/2015	Planned Outage	166.47	2	83.23
1093349	3/4/2015	Planned Outage	69.7	3	23.23
1093352	3/4/2015	Planned Outage	319.52	19	16.82
1093356	3/4/2015	Planned Outage	303.87	2	151.93
1093369	3/4/2015	Planned Outage	31.17	1	31.17
1093374	3/4/2015	Planned Outage	523.4	3	174.47
1093392	3/5/2015	Planned Outage	1183.12	7	169.02
1093404	3/5/2015	Planned Outage	12615.62	73	172.82
1093406	3/5/2015	Planned Outage	719.95	7	102.85
1093408	3/5/2015	Planned Outage	49.67	1	49.67
1093411	3/5/2015	Planned Outage	81.77	2	40.88
1093412	3/5/2015	Planned Outage	78.8	1	78.8
1093416	3/5/2015	Planned Outage	179.33	4	44.83
1093434	3/5/2015	Planned Outage	8.03	1	8.03
1093436	3/5/2015	Planned Outage	311.67	22	14.17
1093437	3/5/2015	Planned Outage	4.4	1	4.4
1093442	3/5/2015	Planned Outage	28.22	1	28.22
1093448	3/5/2015	Planned Outage	54.45	3	18.15
1093461	3/5/2015	Planned Outage	19.95	1	19.95
1093462	3/5/2015	Planned Outage	609	5	121.8
1093463	3/5/2015	Planned Outage	1005.9	9	111.77
1093488	3/5/2015	Planned Outage	25.3	2	12.65
1093503	3/6/2015	Planned Outage	29	29	1
1093512	3/6/2015	Planned Outage	51.73	2	25.87
1093514	3/6/2015	Planned Outage	2848.33	25	113.93
1093519	3/6/2015	Planned Outage	36.1	2	18.05
1093523	3/6/2015	Planned Outage	34.5	3	11.5
1093528	3/6/2015	Planned Outage	43.07	2	21.53
1093540	3/6/2015	Planned Outage	24.85	3	8.28
1093541	3/6/2015	Planned Outage	14.03	2	7.02
1093542	3/6/2015	Planned Outage	17.37	1	17.37
1093543	3/6/2015	Planned Outage	12.8	1	12.8
1093546	3/6/2015	Planned Outage	12.3	1	12.3
1093547	3/6/2015	Planned Outage	41.83	2	20.92
1093562	3/6/2015	Planned Outage	24.05	1	24.05
1093588	3/7/2015	Planned Outage	23.63	1	23.63
1093593	3/7/2015	Planned Outage	11.55	1	11.55
1093597	3/7/2015	Planned Outage	453.2	1	453.2
1093616	3/7/2015	Planned Outage	15.07	1	15.07
1093618	3/7/2015	Planned Outage	553.2	4	138.3
1093645	3/8/2015	Planned Outage	47.32	1	47.32
1093657	3/8/2015	Planned Outage	43.13	2	21.57
1093684	3/9/2015	Planned Outage	208.88	1	208.88
1093693	3/9/2015	Planned Outage	165.52	1	165.52
1093697	3/9/2015	Planned Outage	296.33	4	74.08
1093699	3/9/2015	Planned Outage	62.4	3	20.8
1093700	3/9/2015	Planned Outage	65.12	1	65.12
1093707	3/9/2015	Planned Outage	244.6	2	122.3
1093709	3/9/2015	Planned Outage	33.5	5	6.7

Appendix 1

2015 Planned Outages Table

1093712	3/9/2015	Planned Outage	689.5	3	229.83
1093717	3/9/2015	Planned Outage	280.97	2	140.48
1093720	3/9/2015	Planned Outage	252.83	5	50.57
1093722	3/9/2015	Planned Outage	93.55	1	93.55
1093724	3/9/2015	Planned Outage	14.55	1	14.55
1093738	3/9/2015	Planned Outage	62.3	2	31.15
1093848	3/9/2015	Planned Outage	34.57	1	34.57
1093850	3/9/2015	Planned Outage	10.97	1	10.97
1093855	3/9/2015	Planned Outage	17.83	1	17.83
1093856	3/9/2015	Planned Outage	17.13	1	17.13
1093870	3/9/2015	Planned Outage	462.6	3	154.2
1093877	3/9/2015	Planned Outage	292.5	3	97.5
1093893	3/9/2015	Planned Outage	24	12	2
1093907	3/10/2015	Planned Outage	211.05	7	30.15
1093910	3/10/2015	Planned Outage	20.9	1	20.9
1093911	3/10/2015	Planned Outage	16.13	1	16.13
1093912	3/10/2015	Planned Outage	9.9	1	9.9
1093913	3/10/2015	Planned Outage	2066.88	19	108.78
1093914	3/10/2015	Planned Outage	661.6	4	165.4
1093915	3/10/2015	Planned Outage	65.33	1	65.33
1093917	3/10/2015	Planned Outage	45.7	1	45.7
1093922	3/10/2015	Planned Outage	3.42	1	3.42
1093923	3/10/2015	Planned Outage	201.87	4	50.47
1093925	3/10/2015	Planned Outage	236	1	236
1093926	3/10/2015	Planned Outage	34.35	1	34.35
1093927	3/10/2015	Planned Outage	64.35	1	64.35
1093928	3/10/2015	Planned Outage	65.62	1	65.62
1093930	3/10/2015	Planned Outage	60.33	2	30.17
1093938	3/10/2015	Planned Outage	662.02	23	28.78
1093940	3/10/2015	Planned Outage	460.5	10	46.05
1093941	3/10/2015	Planned Outage	598.65	13	46.05
1093942	3/10/2015	Planned Outage	45.7	1	45.7
1093957	3/10/2015	Planned Outage	116.05	3	38.68
1093959	3/10/2015	Planned Outage	10.13	4	2.53
1093960	3/10/2015	Planned Outage	224.85	3	74.95
1093964	3/10/2015	Planned Outage	19.6	1	19.6
1093969	3/10/2015	Planned Outage	387.05	3	129.02
1093971	3/10/2015	Planned Outage	331.67	5	66.33
1093972	3/10/2015	Planned Outage	78.18	1	78.18
1093973	3/10/2015	Planned Outage	151.9	1	151.9
1093976	3/10/2015	Planned Outage	146.85	1	146.85
1094014	3/11/2015	Planned Outage	486.67	10	48.67
1094022	3/11/2015	Planned Outage	223.67	4	55.92
1094028	3/11/2015	Planned Outage	139.3	2	69.65
1094031	3/11/2015	Planned Outage	94.2	3	31.4
1094032	3/11/2015	Planned Outage	559	5	111.8
1094037	3/11/2015	Planned Outage	261.75	5	52.35
1094041	3/11/2015	Planned Outage	514.6	1	514.6
1094044	3/11/2015	Planned Outage	42.93	4	10.73

Appendix 1

2015 Planned Outages Table

1094048	3/11/2015	Planned Outage	127.85	3	42.62
1094052	3/11/2015	Planned Outage	124.8	4	31.2
1094056	3/11/2015	Planned Outage	58.85	1	58.85
1094061	3/11/2015	Planned Outage	28.7	1	28.7
1094062	3/11/2015	Planned Outage	369.75	5	73.95
1094073	3/11/2015	Planned Outage	22.22	1	22.22
1094077	3/11/2015	Planned Outage	82.98	1	82.98
1094082	3/11/2015	Planned Outage	6.03	1	6.03
1094083	3/11/2015	Planned Outage	328.15	3	109.38
1094084	3/11/2015	Planned Outage	100.33	7	14.33
1094094	3/11/2015	Planned Outage	642.07	4	160.52
1094098	3/11/2015	Planned Outage	598.65	3	199.55
1094125	3/12/2015	Planned Outage	63.33	4	15.83
1094126	3/12/2015	Planned Outage	28.2	1	28.2
1094129	3/12/2015	Planned Outage	332.8	6	55.47
1094130	3/12/2015	Planned Outage	61.75	3	20.58
1094133	3/12/2015	Planned Outage	146.17	2	73.08
1094134	3/12/2015	Planned Outage	281.07	4	70.27
1094135	3/12/2015	Planned Outage	593.85	9	65.98
1094141	3/12/2015	Planned Outage	3026	102	29.67
1094144	3/12/2015	Planned Outage	9.98	1	9.98
1094145	3/12/2015	Planned Outage	928.77	11	84.43
1094146	3/12/2015	Planned Outage	16.82	1	16.82
1094147	3/12/2015	Planned Outage	57.07	1	57.07
1094150	3/12/2015	Planned Outage	146.07	4	36.52
1094152	3/12/2015	Planned Outage	50.8	3	16.93
1094166	3/12/2015	Planned Outage	4014.5	31	129.5
1094168	3/12/2015	Planned Outage	42.33	5	8.47
1094175	3/12/2015	Planned Outage	7.38	1	7.38
1094187	3/12/2015	Planned Outage	16.47	1	16.47
1094197	3/12/2015	Planned Outage	52.07	1	52.07
1094221	3/13/2015	Planned Outage	61.85	3	20.62
1094224	3/13/2015	Planned Outage	812.85	9	90.32
1094226	3/13/2015	Planned Outage	429.2	4	107.3
1094227	3/13/2015	Planned Outage	18045.18	137	131.72
1094228	3/13/2015	Planned Outage	25.97	1	25.97
1094229	3/13/2015	Planned Outage	113.4	4	28.35
1094231	3/13/2015	Planned Outage	4.57	1	4.57
1094232	3/13/2015	Planned Outage	29.78	1	29.78
1094233	3/13/2015	Planned Outage	2123.73	16	132.73
1094247	3/13/2015	Planned Outage	62.12	1	62.12
1094264	3/13/2015	Planned Outage	33.43	2	16.72
1094322	3/14/2015	Planned Outage	9.35	1	9.35
1094325	3/14/2015	Planned Outage	92.75	5	18.55
1094328	3/14/2015	Planned Outage	47.23	1	47.23
1094335	3/14/2015	Planned Outage	23.72	1	23.72
1094337	3/14/2015	Planned Outage	11.35	1	11.35
1094406	3/15/2015	Planned Outage	61.05	1	61.05
1094434	3/16/2015	Planned Outage	427.23	7	61.03

Appendix 1

2015 Planned Outages Table

1094436	3/16/2015	Planned Outage	359.47	8	44.93
1094440	3/16/2015	Planned Outage	133.93	1	133.93
1094452	3/16/2015	Planned Outage	35304.5	165	213.97
1094454	3/16/2015	Planned Outage	1303.05	7	186.15
1094456	3/16/2015	Planned Outage	77.45	1	77.45
1094457	3/16/2015	Planned Outage	849.4	4	212.35
1094459	3/16/2015	Planned Outage	210.35	1	210.35
1094460	3/16/2015	Planned Outage	47.87	1	47.87
1094462	3/16/2015	Planned Outage	189.07	8	23.63
1094465	3/16/2015	Planned Outage	203.73	1	203.73
1094468	3/16/2015	Planned Outage	611.13	4	152.78
1094471	3/16/2015	Planned Outage	308.9	6	51.48
1094473	3/16/2015	Planned Outage	203.07	4	50.77
1094479	3/16/2015	Planned Outage	40.67	1	40.67
1094488	3/16/2015	Planned Outage	317.47	8	39.68
1094500	3/16/2015	Planned Outage	24.55	3	8.18
1094503	3/16/2015	Planned Outage	112.2	1	112.2
1094512	3/16/2015	Planned Outage	634.4	13	48.8
1094514	3/16/2015	Planned Outage	26.1	1	26.1
1094517	3/16/2015	Planned Outage	238.15	3	79.38
1094524	3/16/2015	Planned Outage	105.05	3	35.02
1094527	3/16/2015	Planned Outage	47.85	1	47.85
1094566	3/17/2015	Planned Outage	66.38	7	9.48
1094567	3/17/2015	Planned Outage	87.07	1	87.07
1094570	3/17/2015	Planned Outage	195.5	6	32.58
1094571	3/17/2015	Planned Outage	4667.67	38	122.83
1094574	3/17/2015	Planned Outage	3252.55	21	154.88
1094575	3/17/2015	Planned Outage	3875.43	34	113.98
1094578	3/17/2015	Planned Outage	304.15	11	27.65
1094579	3/17/2015	Planned Outage	169.58	1	169.58
1094580	3/17/2015	Planned Outage	5771.43	41	140.77
1094585	3/17/2015	Planned Outage	469.4	6	78.23
1094586	3/17/2015	Planned Outage	396	33	12
1094591	3/17/2015	Planned Outage	234.95	1	234.95
1094592	3/17/2015	Planned Outage	2751.13	58	47.43
1094594	3/17/2015	Planned Outage	135.75	1	135.75
1094597	3/17/2015	Planned Outage	49.23	1	49.23
1094617	3/17/2015	Planned Outage	12.58	1	12.58
1094630	3/17/2015	Planned Outage	1632.52	49	33.32
1094632	3/17/2015	Planned Outage	33.58	1	33.58
1094648	3/17/2015	Planned Outage	706.67	4	176.67
1094651	3/17/2015	Planned Outage	203.07	2	101.53
1094656	3/17/2015	Planned Outage	135.67	2	67.83
1094659	3/17/2015	Planned Outage	594.43	34	17.48
1094662	3/17/2015	Planned Outage	876.13	8	109.52
1094668	3/17/2015	Planned Outage	547.17	5	109.43
1094681	3/17/2015	Planned Outage	112.2	33	3.4
1094685	3/17/2015	Planned Outage	915.73	8	114.47
1094753	3/18/2015	Planned Outage	1947.17	10	194.72

Appendix 1

2015 Planned Outages Table

1094756	3/18/2015	Planned Outage	24225.13	161	150.47
1094757	3/18/2015	Planned Outage	8222.88	19	432.78
1094759	3/18/2015	Planned Outage	648.33	10	64.83
1094761	3/18/2015	Planned Outage	638.2	3	212.73
1094785	3/18/2015	Planned Outage	856.68	7	122.38
1094786	3/18/2015	Planned Outage	228.25	3	76.08
1094787	3/18/2015	Planned Outage	231.8	3	77.27
1094788	3/18/2015	Planned Outage	40.02	1	40.02
1094791	3/18/2015	Planned Outage	48.95	1	48.95
1094793	3/18/2015	Planned Outage	163.33	7	23.33
1094796	3/18/2015	Planned Outage	53.23	1	53.23
1094797	3/18/2015	Planned Outage	389	5	77.8
1094802	3/18/2015	Planned Outage	46.5	1	46.5
1094803	3/18/2015	Planned Outage	67.47	4	16.87
1094836	3/18/2015	Planned Outage	28.13	1	28.13
1094838	3/18/2015	Planned Outage	5601.75	33	169.75
1094841	3/18/2015	Planned Outage	240.15	3	80.05
1094845	3/18/2015	Planned Outage	220.05	1	220.05
1094860	3/18/2015	Planned Outage	15.88	1	15.88
1094861	3/18/2015	Planned Outage	282.35	3	94.12
1094863	3/18/2015	Planned Outage	8.28	1	8.28
1094879	3/19/2015	Planned Outage	17.72	1	17.72
1094894	3/19/2015	Planned Outage	2139	12	178.25
1094895	3/19/2015	Planned Outage	679.3	6	113.22
1094896	3/19/2015	Planned Outage	172.62	1	172.62
1094897	3/19/2015	Planned Outage	49.35	1	49.35
1094899	3/19/2015	Planned Outage	1156.65	3	385.55
1094905	3/19/2015	Planned Outage	1370.78	11	124.62
1094909	3/19/2015	Planned Outage	143.07	4	35.77
1094914	3/19/2015	Planned Outage	88.13	4	22.03
1094915	3/19/2015	Planned Outage	74.15	3	24.72
1094926	3/19/2015	Planned Outage	44.85	9	4.98
1094927	3/19/2015	Planned Outage	10.83	1	10.83
1094928	3/19/2015	Planned Outage	85.87	4	21.47
1094987	3/20/2015	Planned Outage	267.35	3	89.12
1094989	3/20/2015	Planned Outage	89.4	3	29.8
1094994	3/20/2015	Planned Outage	193.23	2	96.62
1094995	3/20/2015	Planned Outage	93.85	3	31.28
1094997	3/20/2015	Planned Outage	58	2	29
1094998	3/20/2015	Planned Outage	76.5	2	38.25
1094999	3/20/2015	Planned Outage	272.3	2	136.15
1095009	3/20/2015	Planned Outage	12.88	1	12.88
1095012	3/20/2015	Planned Outage	35.75	1	35.75
1095021	3/20/2015	Planned Outage	9.95	3	3.32
1095022	3/20/2015	Planned Outage	8.47	1	8.47
1095025	3/20/2015	Planned Outage	26.78	1	26.78
1095106	3/21/2015	Planned Outage	47.42	5	9.48
1095112	3/22/2015	Planned Outage	17.7	2	8.85
1095113	3/22/2015	Planned Outage	611.87	8	76.48

Appendix 1

2015 Planned Outages Table

1095213	3/23/2015	Planned Outage	249.47	1	249.47
1095226	3/23/2015	Planned Outage	777	4	194.25
1095228	3/23/2015	Planned Outage	102.13	2	51.07
1095232	3/23/2015	Planned Outage	90.38	1	90.38
1095233	3/23/2015	Planned Outage	2767.35	9	307.48
1095235	3/23/2015	Planned Outage	140.35	3	46.78
1095236	3/23/2015	Planned Outage	9.82	1	9.82
1095237	3/23/2015	Planned Outage	154.42	1	154.42
1095242	3/23/2015	Planned Outage	249	5	49.8
1095243	3/23/2015	Planned Outage	144.3	3	48.1
1095244	3/23/2015	Planned Outage	24.37	2	12.18
1095245	3/23/2015	Planned Outage	24.23	2	12.12
1095246	3/23/2015	Planned Outage	85.87	8	10.73
1095252	3/23/2015	Planned Outage	72.6	4	18.15
1095255	3/23/2015	Planned Outage	85.07	4	21.27
1095260	3/23/2015	Planned Outage	405.33	4	101.33
1095262	3/23/2015	Planned Outage	41.47	1	41.47
1095265	3/23/2015	Planned Outage	30.73	2	15.37
1095268	3/23/2015	Planned Outage	99.72	1	99.72
1095273	3/23/2015	Planned Outage	71.58	5	14.32
1095274	3/23/2015	Planned Outage	14.33	1	14.33
1095280	3/23/2015	Planned Outage	14.23	1	14.23
1095281	3/23/2015	Planned Outage	13.98	1	13.98
1095282	3/23/2015	Planned Outage	20.07	2	10.03
1095285	3/23/2015	Planned Outage	115.8	4	28.95
1095286	3/23/2015	Planned Outage	29.12	1	29.12
1095321	3/24/2015	Planned Outage	213.75	5	42.75
1095324	3/24/2015	Planned Outage	431.02	11	39.18
1095326	3/24/2015	Planned Outage	105.55	3	35.18
1095330	3/24/2015	Planned Outage	900.55	7	128.65
1095331	3/24/2015	Planned Outage	3783	39	97
1095332	3/24/2015	Planned Outage	225.27	2	112.63
1095333	3/24/2015	Planned Outage	2854.4	32	89.2
1095340	3/24/2015	Planned Outage	937.27	4	234.32
1095348	3/24/2015	Planned Outage	51.8	4	12.95
1095349	3/24/2015	Planned Outage	1271.2	7	181.6
1095351	3/24/2015	Planned Outage	2016.85	11	183.35
1095354	3/24/2015	Planned Outage	360.67	2	180.33
1095355	3/24/2015	Planned Outage	53.07	4	13.27
1095356	3/24/2015	Planned Outage	1139.02	7	162.72
1095360	3/24/2015	Planned Outage	36.58	1	36.58
1095364	3/24/2015	Planned Outage	48.75	1	48.75
1095365	3/24/2015	Planned Outage	320.45	3	106.82
1095366	3/24/2015	Planned Outage	60.93	4	15.23
1095369	3/24/2015	Planned Outage	390.6	4	97.65
1095377	3/24/2015	Planned Outage	19.9	1	19.9
1095383	3/24/2015	Planned Outage	16.1	1	16.1
1095386	3/24/2015	Planned Outage	264.47	2	132.23
1095387	3/24/2015	Planned Outage	85.53	2	42.77

Appendix 1

2015 Planned Outages Table

1095389	3/24/2015	Planned Outage	65.6	3	21.87
1095391	3/24/2015	Planned Outage	127.13	4	31.78
1095401	3/24/2015	Planned Outage	39.02	1	39.02
1095432	3/25/2015	Planned Outage	136.42	1	136.42
1095437	3/25/2015	Planned Outage	57.67	5	11.53
1095438	3/25/2015	Planned Outage	1.73	1	1.73
1095441	3/25/2015	Planned Outage	54.12	1	54.12
1095442	3/25/2015	Planned Outage	319.42	5	63.88
1095445	3/25/2015	Planned Outage	4382.92	25	175.32
1095447	3/25/2015	Planned Outage	664.6	3	221.53
1095448	3/25/2015	Planned Outage	32.53	4	8.13
1095451	3/25/2015	Planned Outage	20.5	3	6.83
1095459	3/25/2015	Planned Outage	43.43	1	43.43
1095460	3/25/2015	Planned Outage	249.8	3	83.27
1095461	3/25/2015	Planned Outage	186.73	4	46.68
1095464	3/25/2015	Planned Outage	318.75	9	35.42
1095465	3/25/2015	Planned Outage	946.87	7	135.27
1095467	3/25/2015	Planned Outage	9.55	1	9.55
1095468	3/25/2015	Planned Outage	106	3	35.33
1095471	3/25/2015	Planned Outage	101.03	2	50.52
1095473	3/25/2015	Planned Outage	59.4	3	19.8
1095477	3/25/2015	Planned Outage	35.7	2	17.85
1095479	3/25/2015	Planned Outage	296	8	37
1095481	3/25/2015	Planned Outage	80.53	2	40.27
1095482	3/25/2015	Planned Outage	1562.4	6	260.4
1095483	3/25/2015	Planned Outage	556.45	3	185.48
1095486	3/25/2015	Planned Outage	122.57	1	122.57
1095488	3/25/2015	Planned Outage	98.18	1	98.18
1095492	3/25/2015	Planned Outage	21.27	1	21.27
1095497	3/25/2015	Planned Outage	24.33	2	12.17
1095527	3/26/2015	Planned Outage	115.6	1	115.6
1095531	3/26/2015	Planned Outage	349.3	3	116.43
1095532	3/26/2015	Planned Outage	453.87	2	226.93
1095538	3/26/2015	Planned Outage	575.13	4	143.78
1095541	3/26/2015	Planned Outage	353.55	3	117.85
1095543	3/26/2015	Planned Outage	41.73	1	41.73
1095544	3/26/2015	Planned Outage	985.07	8	123.13
1095546	3/26/2015	Planned Outage	14.87	2	7.43
1095548	3/26/2015	Planned Outage	39.3	1	39.3
1095549	3/26/2015	Planned Outage	57.3	1	57.3
1095554	3/26/2015	Planned Outage	54.38	1	54.38
1095556	3/26/2015	Planned Outage	48.42	1	48.42
1095558	3/26/2015	Planned Outage	99.05	3	33.02
1095560	3/26/2015	Planned Outage	15.07	1	15.07
1095562	3/26/2015	Planned Outage	605.7	6	100.95
1095564	3/26/2015	Planned Outage	142.67	5	28.53
1095566	3/26/2015	Planned Outage	719	12	59.92
1095578	3/26/2015	Planned Outage	8.28	1	8.28
1095579	3/26/2015	Planned Outage	66.68	1	66.68

Appendix 1

2015 Planned Outages Table

1095580	3/26/2015	Planned Outage	63.53	1	63.53
1095602	3/26/2015	Planned Outage	394.35	9	43.82
1095604	3/26/2015	Planned Outage	248.2	6	41.37
1095673	3/27/2015	Planned Outage	74.43	2	37.22
1095674	3/27/2015	Planned Outage	239.17	5	47.83
1095690	3/27/2015	Planned Outage	1700.27	16	106.27
1095692	3/27/2015	Planned Outage	5.03	1	5.03
1095702	3/27/2015	Planned Outage	26.05	1	26.05
1095710	3/27/2015	Planned Outage	45.53	2	22.77
1095715	3/27/2015	Planned Outage	98.67	20	4.93
1095719	3/27/2015	Planned Outage	35	4	8.75
1095720	3/27/2015	Planned Outage	38.95	1	38.95
1095723	3/27/2015	Planned Outage	11.58	1	11.58
1095724	3/27/2015	Planned Outage	82.8	4	20.7
1095734	3/27/2015	Planned Outage	2137.6	8	267.2
1095738	3/27/2015	Planned Outage	5.9	1	5.9
1095742	3/27/2015	Planned Outage	16.45	1	16.45
1095765	3/28/2015	Planned Outage	13.8	1	13.8
1095806	3/28/2015	Planned Outage	35.7	2	17.85
1095958	3/30/2015	Planned Outage	285.2	2	142.6
1095962	3/30/2015	Planned Outage	308	4	77
1095963	3/30/2015	Planned Outage	330	5	66
1095964	3/30/2015	Planned Outage	72.97	2	36.48
1095965	3/30/2015	Planned Outage	388.17	5	77.63
1095969	3/30/2015	Planned Outage	216.1	6	36.02
1095972	3/30/2015	Planned Outage	168.3	3	56.1
1095980	3/30/2015	Planned Outage	8964	36	249
1095982	3/30/2015	Planned Outage	608.3	14	43.45
1095985	3/30/2015	Planned Outage	37.47	1	37.47
1095988	3/30/2015	Planned Outage	19.08	1	19.08
1095991	3/30/2015	Planned Outage	1.72	1	1.72
1095992	3/30/2015	Planned Outage	124.47	2	62.23
1095996	3/30/2015	Planned Outage	118	2	59
1095999	3/30/2015	Planned Outage	1349	19	71
1096004	3/30/2015	Planned Outage	190.87	1	190.87
1096005	3/30/2015	Planned Outage	101.45	1	101.45
1096006	3/30/2015	Planned Outage	48.7	6	8.12
1096010	3/30/2015	Planned Outage	1953.23	7	279.03
1096012	3/30/2015	Planned Outage	404.33	5	80.87
1096020	3/30/2015	Planned Outage	121.45	7	17.35
1096024	3/30/2015	Planned Outage	13.53	2	6.77
1096026	3/30/2015	Planned Outage	270	2	135
1096027	3/30/2015	Planned Outage	399	3	133
1096028	3/30/2015	Planned Outage	214.4	1	214.4
1096029	3/30/2015	Planned Outage	21.5	1	21.5
1096035	3/30/2015	Planned Outage	77.75	5	15.55
1096038	3/30/2015	Planned Outage	49.37	2	24.68
1096039	3/30/2015	Planned Outage	585.2	6	97.53
1096042	3/30/2015	Planned Outage	124.5	5	24.9

Appendix 1

2015 Planned Outages Table

1096069	3/31/2015	Planned Outage	123.72	1	123.72
1096072	3/31/2015	Planned Outage	108.08	1	108.08
1096078	3/31/2015	Planned Outage	8.88	1	8.88
1096079	3/31/2015	Planned Outage	110	2	55
1096080	3/31/2015	Planned Outage	237.75	5	47.55
1096081	3/31/2015	Planned Outage	119.67	4	29.92
1096084	3/31/2015	Planned Outage	21.07	8	2.63
1096085	3/31/2015	Planned Outage	315.15	9	35.02
1096087	3/31/2015	Planned Outage	596.1	9	66.23
1096089	3/31/2015	Planned Outage	16.98	1	16.98
1096091	3/31/2015	Planned Outage	364.33	5	72.87
1096092	3/31/2015	Planned Outage	148.17	5	29.63
1096093	3/31/2015	Planned Outage	1233	5	246.6
1096094	3/31/2015	Planned Outage	101.87	1	101.87
1096096	3/31/2015	Planned Outage	133.17	10	13.32
1096097	3/31/2015	Planned Outage	194.5	15	12.97
1096098	3/31/2015	Planned Outage	401.7	9	44.63
1096100	3/31/2015	Planned Outage	6009.13	92	65.32
1096101	3/31/2015	Planned Outage	65.48	1	65.48
1096102	3/31/2015	Planned Outage	62.53	8	7.82
1096112	3/31/2015	Planned Outage	31.27	2	15.63
1096118	3/31/2015	Planned Outage	54.12	1	54.12
1096120	3/31/2015	Planned Outage	248.7	3	82.9
1096123	3/31/2015	Planned Outage	253.2	6	42.2
1096124	3/31/2015	Planned Outage	66.25	5	13.25
1096126	3/31/2015	Planned Outage	564.32	7	80.62
1096131	3/31/2015	Planned Outage	432.33	5	86.47
1096132	3/31/2015	Planned Outage	224.75	5	44.95
1096135	3/31/2015	Planned Outage	16.35	1	16.35
1096136	3/31/2015	Planned Outage	249.1	1	249.1
1096138	3/31/2015	Planned Outage	343.8	3	114.6
1096150	3/31/2015	Planned Outage	981.28	7	140.18
1096204	4/1/2015	Planned Outage	366.52	1	366.52
1096205	4/1/2015	Planned Outage	1061.13	4	265.28
1096211	4/1/2015	Planned Outage	124.13	4	31.03
1096212	4/1/2015	Planned Outage	68.8	3	22.93
1096214	4/1/2015	Planned Outage	21.22	1	21.22
1096215	4/1/2015	Planned Outage	237.03	2	118.52
1096216	4/1/2015	Planned Outage	12722.85	63	201.95
1096218	4/1/2015	Planned Outage	828.25	15	55.22
1096221	4/1/2015	Planned Outage	122.65	3	40.88
1096222	4/1/2015	Planned Outage	829	4	207.25
1096224	4/1/2015	Planned Outage	85.7	3	28.57
1096225	4/1/2015	Planned Outage	143.6	8	17.95
1096226	4/1/2015	Planned Outage	44.5	2	22.25
1096227	4/1/2015	Planned Outage	22.68	1	22.68
1096229	4/1/2015	Planned Outage	379.08	5	75.82
1096230	4/1/2015	Planned Outage	378.83	5	75.77
1096232	4/1/2015	Planned Outage	516.93	4	129.23

Appendix 1

2015 Planned Outages Table

1096233	4/1/2015	Planned Outage	11.1	1	11.1
1096235	4/1/2015	Planned Outage	80.8	3	26.93
1096242	4/1/2015	Planned Outage	93	1	93
1096243	4/1/2015	Planned Outage	927.83	10	92.78
1096245	4/1/2015	Planned Outage	1073.25	5	214.65
1096246	4/1/2015	Planned Outage	57.48	1	57.48
1096249	4/1/2015	Planned Outage	69.88	1	69.88
1096250	4/1/2015	Planned Outage	1197.7	6	199.62
1096261	4/1/2015	Planned Outage	216.13	2	108.07
1096296	4/1/2015	Planned Outage	92.22	1	92.22
1096297	4/1/2015	Planned Outage	19.13	1	19.13
1096305	4/1/2015	Planned Outage	378.45	9	42.05
1096310	4/1/2015	Planned Outage	100.5	15	6.7
1096315	4/1/2015	Planned Outage	234.33	19	12.33
1096318	4/1/2015	Planned Outage	4027.5	15	268.5
1096326	4/2/2015	Planned Outage	74	2	37
1096327	4/2/2015	Planned Outage	14	1	14
1096328	4/2/2015	Planned Outage	451.8	6	75.3
1096329	4/2/2015	Planned Outage	116.07	1	116.07
1096330	4/2/2015	Planned Outage	44.08	1	44.08
1096332	4/2/2015	Planned Outage	235	5	47
1096333	4/2/2015	Planned Outage	150.75	5	30.15
1096334	4/2/2015	Planned Outage	14127.13	76	185.88
1096337	4/2/2015	Planned Outage	266.73	2	133.37
1096338	4/2/2015	Planned Outage	215.48	1	215.48
1096339	4/2/2015	Planned Outage	293.33	4	73.33
1096342	4/2/2015	Planned Outage	112	2	56
1096345	4/2/2015	Planned Outage	793.9	6	132.32
1096346	4/2/2015	Planned Outage	157.6	2	78.8
1096348	4/2/2015	Planned Outage	22.03	1	22.03
1096349	4/2/2015	Planned Outage	103.75	5	20.75
1096350	4/2/2015	Planned Outage	102	5	20.4
1096351	4/2/2015	Planned Outage	60.75	1	60.75
1096352	4/2/2015	Planned Outage	4578.75	37	123.75
1096354	4/2/2015	Planned Outage	55.6	1	55.6
1096358	4/2/2015	Planned Outage	157	4	39.25
1096360	4/2/2015	Planned Outage	257.17	5	51.43
1096361	4/2/2015	Planned Outage	24.27	1	24.27
1096363	4/2/2015	Planned Outage	185	5	37
1096364	4/2/2015	Planned Outage	340	5	68
1096367	4/2/2015	Planned Outage	217.9	6	36.32
1096378	4/2/2015	Planned Outage	156.32	1	156.32
1096379	4/2/2015	Planned Outage	8.17	1	8.17
1096419	4/2/2015	Planned Outage	77.05	1	77.05
1096428	4/3/2015	Planned Outage	260.53	4	65.13
1096429	4/3/2015	Planned Outage	16.98	1	16.98
1096430	4/3/2015	Planned Outage	178.32	13	13.72
1096431	4/3/2015	Planned Outage	223	3	74.33
1096432	4/3/2015	Planned Outage	21.78	1	21.78

Appendix 1

2015 Planned Outages Table

1096433	4/3/2015	Planned Outage	16.82	1	16.82
1096434	4/3/2015	Planned Outage	376.4	6	62.73
1096446	4/3/2015	Planned Outage	107.33	2	53.67
1096447	4/3/2015	Planned Outage	105.9	2	52.95
1096448	4/3/2015	Planned Outage	3.95	1	3.95
1096458	4/3/2015	Planned Outage	130.3	2	65.15
1096490	4/3/2015	Planned Outage	97.15	3	32.38
1096494	4/3/2015	Planned Outage	2098	24	87.42
1096564	4/5/2015	Planned Outage	70.5	2	35.25
1096623	4/5/2015	Planned Outage	3.2	1	3.2
1096637	4/5/2015	Planned Outage	877.1	21	41.77
1096638	4/5/2015	Planned Outage	41.95	1	41.95
1096655	4/6/2015	Planned Outage	507.95	3	169.32
1096656	4/6/2015	Planned Outage	945.25	5	189.05
1096660	4/6/2015	Planned Outage	32.32	1	32.32
1096661	4/6/2015	Planned Outage	46.9	2	23.45
1096662	4/6/2015	Planned Outage	88	4	22
1096663	4/6/2015	Planned Outage	237.53	2	118.77
1096664	4/6/2015	Planned Outage	6687.55	131	51.05
1096668	4/6/2015	Planned Outage	2478	30	82.6
1096670	4/6/2015	Planned Outage	17.82	1	17.82
1096671	4/6/2015	Planned Outage	168.75	3	56.25
1096672	4/6/2015	Planned Outage	1983.8	12	165.32
1096675	4/6/2015	Planned Outage	15.75	1	15.75
1096676	4/6/2015	Planned Outage	32.1	2	16.05
1096677	4/6/2015	Planned Outage	194.3	3	64.77
1096680	4/6/2015	Planned Outage	726.73	44	16.52
1096682	4/6/2015	Planned Outage	27.62	1	27.62
1096688	4/6/2015	Planned Outage	102.27	4	25.57
1096689	4/6/2015	Planned Outage	130.27	4	32.57
1096691	4/6/2015	Planned Outage	413	7	59
1096693	4/6/2015	Planned Outage	216.15	1	216.15
1096694	4/6/2015	Planned Outage	353.47	8	44.18
1096696	4/6/2015	Planned Outage	154.12	7	22.02
1096700	4/6/2015	Planned Outage	141.9	3	47.3
1096704	4/6/2015	Planned Outage	357.25	15	23.82
1096706	4/6/2015	Planned Outage	17.33	1	17.33
1096707	4/6/2015	Planned Outage	195.98	11	17.82
1096750	4/7/2015	Planned Outage	1560.43	26	60.02
1096753	4/7/2015	Planned Outage	43.37	1	43.37
1096756	4/7/2015	Planned Outage	6527.08	65	100.42
1096759	4/7/2015	Planned Outage	1959.88	7	279.98
1096762	4/7/2015	Planned Outage	90	3	30
1096763	4/7/2015	Planned Outage	190.45	1	190.45
1096764	4/7/2015	Planned Outage	116.2	1	116.2
1096766	4/7/2015	Planned Outage	121.57	2	60.78
1096768	4/7/2015	Planned Outage	291.9	3	97.3
1096769	4/7/2015	Planned Outage	355.9	1	355.9
1096770	4/7/2015	Planned Outage	1076.45	3	358.82

Appendix 1

2015 Planned Outages Table

1096771	4/7/2015	Planned Outage	71	1	71
1096773	4/7/2015	Planned Outage	516.25	5	103.25
1096775	4/7/2015	Planned Outage	397.27	4	99.32
1096776	4/7/2015	Planned Outage	398.97	1	398.97
1096777	4/7/2015	Planned Outage	299	2	149.5
1096782	4/7/2015	Planned Outage	250.95	1	250.95
1096784	4/7/2015	Planned Outage	17258.43	46	375.18
1096787	4/7/2015	Planned Outage	77.95	1	77.95
1096795	4/7/2015	Planned Outage	429.68	29	14.82
1096804	4/7/2015	Planned Outage	38.27	1	38.27
1096808	4/7/2015	Planned Outage	531.5	5	106.3
1096809	4/7/2015	Planned Outage	872.67	7	124.67
1096821	4/7/2015	Planned Outage	27.58	1	27.58
1096829	4/7/2015	Planned Outage	234.7	2	117.35
1096832	4/7/2015	Planned Outage	1715.7	19	90.3
1096848	4/7/2015	Planned Outage	29.23	1	29.23
1096853	4/7/2015	Planned Outage	56.77	2	28.38
1096856	4/7/2015	Planned Outage	233.17	10	23.32
1096861	4/7/2015	Planned Outage	295.52	7	42.22
1096864	4/7/2015	Planned Outage	250.87	4	62.72
1096865	4/7/2015	Planned Outage	250.53	4	62.63
1096875	4/8/2015	Planned Outage	12715.73	91	139.73
1096884	4/8/2015	Planned Outage	43.6	3	14.53
1096885	4/8/2015	Planned Outage	3534.92	13	271.92
1096888	4/8/2015	Planned Outage	9.83	2	4.92
1096889	4/8/2015	Planned Outage	10.42	1	10.42
1096894	4/8/2015	Planned Outage	254.4	4	63.6
1096895	4/8/2015	Planned Outage	29.38	1	29.38
1096897	4/8/2015	Planned Outage	230.98	1	230.98
1096901	4/8/2015	Planned Outage	1954.47	38	51.43
1096916	4/8/2015	Planned Outage	59.15	1	59.15
1096917	4/8/2015	Planned Outage	709.47	4	177.37
1096919	4/8/2015	Planned Outage	169	5	33.8
1096921	4/8/2015	Planned Outage	575.25	3	191.75
1096926	4/8/2015	Planned Outage	124.07	4	31.02
1096929	4/8/2015	Planned Outage	303.05	19	15.95
1096933	4/8/2015	Planned Outage	447.33	22	20.33
1096936	4/8/2015	Planned Outage	51.65	3	17.22
1096945	4/8/2015	Planned Outage	96.2	3	32.07
1096951	4/8/2015	Planned Outage	27.6	1	27.6
1096958	4/8/2015	Planned Outage	59.4	6	9.9
1096959	4/8/2015	Planned Outage	122.13	4	30.53
1096961	4/8/2015	Planned Outage	787.13	4	196.78
1096962	4/8/2015	Planned Outage	313.9	6	52.32
1096974	4/8/2015	Planned Outage	289.8	6	48.3
1096987	4/9/2015	Planned Outage	32.47	1	32.47
1097012	4/9/2015	Planned Outage	34.15	1	34.15
1097013	4/9/2015	Planned Outage	3465.33	113	30.67
1097017	4/9/2015	Planned Outage	112.6	6	18.77

Appendix 1

2015 Planned Outages Table

1097019	4/9/2015	Planned Outage	202.77	2	101.38
1097025	4/9/2015	Planned Outage	94.08	1	94.08
1097026	4/9/2015	Planned Outage	134.4	8	16.8
1097028	4/9/2015	Planned Outage	4991.87	58	86.07
1097030	4/9/2015	Planned Outage	225.33	2	112.67
1097033	4/9/2015	Planned Outage	110.58	5	22.12
1097034	4/9/2015	Planned Outage	3726.77	46	81.02
1097036	4/9/2015	Planned Outage	1821.6	8	227.7
1097037	4/9/2015	Planned Outage	522.25	3	174.08
1097041	4/9/2015	Planned Outage	189.3	18	10.52
1097042	4/9/2015	Planned Outage	23.17	1	23.17
1097043	4/9/2015	Planned Outage	62.6	6	10.43
1097044	4/9/2015	Planned Outage	22.48	1	22.48
1097051	4/9/2015	Planned Outage	250.8	4	62.7
1097053	4/9/2015	Planned Outage	31.33	1	31.33
1097055	4/9/2015	Planned Outage	59.57	1	59.57
1097058	4/9/2015	Planned Outage	10.12	1	10.12
1097060	4/9/2015	Planned Outage	70.93	2	35.47
1097072	4/9/2015	Planned Outage	50.53	2	25.27
1097082	4/9/2015	Planned Outage	27.43	1	27.43
1097094	4/9/2015	Planned Outage	36.98	1	36.98
1097104	4/9/2015	Planned Outage	71.75	5	14.35
1097112	4/10/2015	Planned Outage	14928.55	91	164.05
1097118	4/10/2015	Planned Outage	1315	30	43.83
1097128	4/10/2015	Planned Outage	91.2	3	30.4
1097129	4/10/2015	Planned Outage	279.65	3	93.22
1097133	4/10/2015	Planned Outage	163.75	5	32.75
1097135	4/10/2015	Planned Outage	24.38	1	24.38
1097141	4/10/2015	Planned Outage	327.87	8	40.98
1097142	4/10/2015	Planned Outage	181.42	5	36.28
1097145	4/10/2015	Planned Outage	571	6	95.17
1097146	4/10/2015	Planned Outage	25.6	1	25.6
1097147	4/10/2015	Planned Outage	90.25	3	30.08
1097149	4/10/2015	Planned Outage	314.5	10	31.45
1097154	4/10/2015	Planned Outage	422	6	70.33
1097161	4/10/2015	Planned Outage	72.22	1	72.22
1097184	4/10/2015	Planned Outage	8.15	1	8.15
1097188	4/10/2015	Planned Outage	66.47	2	33.23
1097369	4/11/2015	Planned Outage	20477.6	1074	19.07
1097428	4/11/2015	Planned Outage	144.47	2	72.23
1097459	4/12/2015	Planned Outage	547.8	3	182.6
1097667	4/13/2015	Planned Outage	114.67	2	57.33
1097700	4/13/2015	Planned Outage	58.6	3	19.53
1097712	4/13/2015	Planned Outage	78.97	2	39.48
1097713	4/13/2015	Planned Outage	224.1	6	37.35
1097723	4/13/2015	Planned Outage	269.4	6	44.9
1097763	4/13/2015	Planned Outage	10.1	1	10.1
1097790	4/13/2015	Planned Outage	554.87	4	138.72
1097793	4/13/2015	Planned Outage	53.75	3	17.92

Appendix 1

2015 Planned Outages Table

1097886	4/14/2015	Planned Outage	106.07	2	53.03
1097898	4/14/2015	Planned Outage	69.73	1	69.73
1097899	4/14/2015	Planned Outage	192	4	48
1097901	4/14/2015	Planned Outage	21.1	1	21.1
1097903	4/14/2015	Planned Outage	79.4	3	26.47
1097905	4/14/2015	Planned Outage	331.4	12	27.62
1097921	4/14/2015	Planned Outage	64.18	1	64.18
1097923	4/14/2015	Planned Outage	865.93	31	27.93
1097929	4/14/2015	Planned Outage	16.1	1	16.1
1097939	4/14/2015	Planned Outage	344	8	43
1097945	4/14/2015	Planned Outage	528.5	6	88.08
1097955	4/14/2015	Planned Outage	14.63	1	14.63
1097966	4/14/2015	Planned Outage	339.27	4	84.82
1097975	4/14/2015	Planned Outage	146.35	1	146.35
1098271	4/15/2015	Planned Outage	10237.5	75	136.5
1098272	4/15/2015	Planned Outage	990	9	110
1098273	4/15/2015	Planned Outage	324.83	5	64.97
1098277	4/15/2015	Planned Outage	167.13	1	167.13
1098278	4/15/2015	Planned Outage	461.43	2	230.72
1098286	4/15/2015	Planned Outage	339.03	2	169.52
1098293	4/15/2015	Planned Outage	351.13	4	87.78
1098294	4/15/2015	Planned Outage	72.65	1	72.65
1098296	4/15/2015	Planned Outage	20	1	20
1098304	4/15/2015	Planned Outage	276	3	92
1098306	4/15/2015	Planned Outage	73.43	2	36.72
1098308	4/15/2015	Planned Outage	44.03	1	44.03
1098316	4/15/2015	Planned Outage	71.73	4	17.93
1098345	4/15/2015	Planned Outage	222.4	2	111.2
1098367	4/15/2015	Planned Outage	1562.53	8	195.32
1098402	4/15/2015	Planned Outage	255.93	4	63.98
1098420	4/16/2015	Planned Outage	147.27	2	73.63
1098423	4/16/2015	Planned Outage	246.7	6	41.12
1098424	4/16/2015	Planned Outage	57.07	1	57.07
1098432	4/16/2015	Planned Outage	219.55	3	73.18
1098434	4/16/2015	Planned Outage	310.53	4	77.63
1098436	4/16/2015	Planned Outage	348.97	2	174.48
1098445	4/16/2015	Planned Outage	334.33	5	66.87
1098458	4/16/2015	Planned Outage	23.92	1	23.92
1098460	4/16/2015	Planned Outage	9.65	1	9.65
1098466	4/16/2015	Planned Outage	89.07	4	22.27
1098469	4/16/2015	Planned Outage	36	6	6
1098471	4/16/2015	Planned Outage	734.88	7	104.98
1098480	4/16/2015	Planned Outage	25.2	8	3.15
1098523	4/16/2015	Planned Outage	347.9	3	115.97
1098552	4/17/2015	Planned Outage	1078.27	4	269.57
1098553	4/17/2015	Planned Outage	538.1	2	269.05
1098567	4/17/2015	Planned Outage	5.05	3	1.68
1098578	4/17/2015	Planned Outage	56.43	2	28.22
1098593	4/17/2015	Planned Outage	572	11	52

Appendix 1

2015 Planned Outages Table

1098594	4/17/2015	Planned Outage	303.47	8	37.93
1098599	4/17/2015	Planned Outage	128.88	11	11.72
1098600	4/17/2015	Planned Outage	11.73	1	11.73
1098601	4/17/2015	Planned Outage	137.17	5	27.43
1098616	4/17/2015	Planned Outage	15.12	1	15.12
1098621	4/17/2015	Planned Outage	61.17	1	61.17
1098622	4/17/2015	Planned Outage	18.63	2	9.32
1098636	4/17/2015	Planned Outage	679.08	5	135.82
1098640	4/17/2015	Planned Outage	292.7	6	48.78
1098643	4/17/2015	Planned Outage	313.58	5	62.72
1098702	4/18/2015	Planned Outage	14.75	1	14.75
1098721	4/18/2015	Planned Outage	29.6	3	9.87
1098799	4/19/2015	Planned Outage	566.88	7	80.98
1099072	4/19/2015	Planned Outage	34.17	2	17.08
1099109	4/19/2015	Planned Outage	1241.55	31	40.05
1099138	4/19/2015	Planned Outage	50.03	1	50.03
1099152	4/20/2015	Planned Outage	49.92	1	49.92
1099163	4/20/2015	Planned Outage	8.3	1	8.3
1099192	4/20/2015	Planned Outage	369.65	3	123.22
1099195	4/20/2015	Planned Outage	25.55	1	25.55
1099197	4/20/2015	Planned Outage	525.8	6	87.63
1099205	4/20/2015	Planned Outage	196.8	4	49.2
1099209	4/20/2015	Planned Outage	123.07	4	30.77
1099224	4/20/2015	Planned Outage	13.33	4	3.33
1099232	4/20/2015	Planned Outage	60.27	1	60.27
1099238	4/20/2015	Planned Outage	362.33	2	181.17
1099245	4/20/2015	Planned Outage	54.03	1	54.03
1099255	4/20/2015	Planned Outage	462.93	4	115.73
1099269	4/20/2015	Planned Outage	32.58	5	6.52
1099273	4/20/2015	Planned Outage	28.87	4	7.22
1099281	4/20/2015	Planned Outage	10.7	1	10.7
1099282	4/20/2015	Planned Outage	465.47	8	58.18
1099289	4/20/2015	Planned Outage	5.33	1	5.33
1099331	4/21/2015	Planned Outage	390.65	3	130.22
1099337	4/21/2015	Planned Outage	14.08	1	14.08
1099340	4/21/2015	Planned Outage	499.6	4	124.9
1099341	4/21/2015	Planned Outage	23.48	1	23.48
1099342	4/21/2015	Planned Outage	86.07	4	21.52
1099346	4/21/2015	Planned Outage	125.4	2	62.7
1099348	4/21/2015	Planned Outage	121.92	5	24.38
1099349	4/21/2015	Planned Outage	1647.43	11	149.77
1099350	4/21/2015	Planned Outage	788.33	43	18.33
1099352	4/21/2015	Planned Outage	108.73	4	27.18
1099353	4/21/2015	Planned Outage	539.8	6	89.97
1099354	4/21/2015	Planned Outage	1276.2	9	141.8
1099355	4/21/2015	Planned Outage	703.6	8	87.95
1099356	4/21/2015	Planned Outage	20.47	1	20.47
1099359	4/21/2015	Planned Outage	3364.53	31	108.53
1099366	4/21/2015	Planned Outage	2782	30	92.73

Appendix 1

2015 Planned Outages Table

1099370	4/21/2015	Planned Outage	123.9	3	41.3
1099371	4/21/2015	Planned Outage	73.27	4	18.32
1099375	4/21/2015	Planned Outage	48.83	2	24.42
1099377	4/21/2015	Planned Outage	337.73	8	42.22
1099378	4/21/2015	Planned Outage	499.4	12	41.62
1099379	4/21/2015	Planned Outage	270.65	3	90.22
1099381	4/21/2015	Planned Outage	51.7	2	25.85
1099385	4/21/2015	Planned Outage	254.4	4	63.6
1099387	4/21/2015	Planned Outage	110.2	2	55.1
1099388	4/21/2015	Planned Outage	49.23	2	24.62
1099390	4/21/2015	Planned Outage	73.35	3	24.45
1099391	4/21/2015	Planned Outage	10.22	1	10.22
1099393	4/21/2015	Planned Outage	350.23	2	175.12
1099400	4/21/2015	Planned Outage	109.8	4	27.45
1099401	4/21/2015	Planned Outage	135.67	5	27.13
1099402	4/21/2015	Planned Outage	34.12	1	34.12
1099403	4/21/2015	Planned Outage	70.43	2	35.22
1099410	4/21/2015	Planned Outage	92.22	1	92.22
1099422	4/21/2015	Planned Outage	258.75	3	86.25
1099423	4/21/2015	Planned Outage	36.6	4	9.15
1099426	4/21/2015	Planned Outage	26.37	1	26.37
1099429	4/21/2015	Planned Outage	71.65	3	23.88
1099430	4/21/2015	Planned Outage	89.4	9	9.93
1099431	4/21/2015	Planned Outage	56.13	2	28.07
1099434	4/21/2015	Planned Outage	76.55	3	25.52
1099436	4/21/2015	Planned Outage	456.53	8	57.07
1099444	4/21/2015	Planned Outage	48.88	7	6.98
1099488	4/22/2015	Planned Outage	322.12	11	29.28
1099491	4/22/2015	Planned Outage	90.3	7	12.9
1099496	4/22/2015	Planned Outage	163.2	3	54.4
1099497	4/22/2015	Planned Outage	175.92	1	175.92
1099498	4/22/2015	Planned Outage	114.18	1	114.18
1099499	4/22/2015	Planned Outage	137.22	1	137.22
1099500	4/22/2015	Planned Outage	1007.92	5	201.58
1099501	4/22/2015	Planned Outage	115.7	1	115.7
1099503	4/22/2015	Planned Outage	8.93	1	8.93
1099505	4/22/2015	Planned Outage	126.13	1	126.13
1099506	4/22/2015	Planned Outage	28.98	1	28.98
1099509	4/22/2015	Planned Outage	133.17	2	66.58
1099545	4/22/2015	Planned Outage	415.22	7	59.32
1099553	4/22/2015	Planned Outage	14.55	3	4.85
1099555	4/22/2015	Planned Outage	22270.12	139	160.22
1099561	4/22/2015	Planned Outage	90.65	3	30.22
1099564	4/22/2015	Planned Outage	111.3	3	37.1
1099566	4/22/2015	Planned Outage	95.65	3	31.88
1099568	4/22/2015	Planned Outage	112.57	2	56.28
1099570	4/22/2015	Planned Outage	151.7	3	50.57
1099571	4/22/2015	Planned Outage	1798.88	17	105.82
1099574	4/22/2015	Planned Outage	246.05	7	35.15

Appendix 1

2015 Planned Outages Table

1099580	4/22/2015	Planned Outage	516.13	7	73.73
1099590	4/22/2015	Planned Outage	80.85	3	26.95
1099670	4/23/2015	Planned Outage	4129.58	11	375.42
1099672	4/23/2015	Planned Outage	348.42	5	69.68
1099673	4/23/2015	Planned Outage	397.5	45	8.83
1099676	4/23/2015	Planned Outage	31.8	9	3.53
1099677	4/23/2015	Planned Outage	703.15	3	234.38
1099678	4/23/2015	Planned Outage	116.05	1	116.05
1099681	4/23/2015	Planned Outage	38.25	3	12.75
1099686	4/23/2015	Planned Outage	142.8	3	47.6
1099687	4/23/2015	Planned Outage	363.05	3	121.02
1099688	4/23/2015	Planned Outage	121.08	1	121.08
1099690	4/23/2015	Planned Outage	51.78	1	51.78
1099694	4/23/2015	Planned Outage	3.27	1	3.27
1099699	4/23/2015	Planned Outage	135.83	2	67.92
1099710	4/23/2015	Planned Outage	148.5	18	8.25
1099713	4/23/2015	Planned Outage	261.9	18	14.55
1099714	4/23/2015	Planned Outage	101.58	1	101.58
1099716	4/23/2015	Planned Outage	7.57	1	7.57
1099729	4/23/2015	Planned Outage	13.4	1	13.4
1099730	4/23/2015	Planned Outage	23.4	1	23.4
1099733	4/23/2015	Planned Outage	9.77	1	9.77
1099743	4/23/2015	Planned Outage	10	1	10
1099744	4/23/2015	Planned Outage	103.03	2	51.52
1099776	4/24/2015	Planned Outage	41.8	3	13.93
1099781	4/24/2015	Planned Outage	1677	30	55.9
1099782	4/24/2015	Planned Outage	312.67	2	156.33
1099783	4/24/2015	Planned Outage	53.67	5	10.73
1099784	4/24/2015	Planned Outage	2403.6	18	133.53
1099785	4/24/2015	Planned Outage	256.8	3	85.6
1099791	4/24/2015	Planned Outage	265.87	4	66.47
1099794	4/24/2015	Planned Outage	31.93	2	15.97
1099795	4/24/2015	Planned Outage	41.03	1	41.03
1099796	4/24/2015	Planned Outage	294.73	4	73.68
1099800	4/24/2015	Planned Outage	25.17	1	25.17
1099801	4/24/2015	Planned Outage	52.67	1	52.67
1099802	4/24/2015	Planned Outage	143.53	1	143.53
1099803	4/24/2015	Planned Outage	481.13	4	120.28
1099804	4/24/2015	Planned Outage	13	1	13
1099818	4/24/2015	Planned Outage	404.58	5	80.92
1099824	4/24/2015	Planned Outage	328.27	8	41.03
1099829	4/24/2015	Planned Outage	24.53	1	24.53
1099834	4/24/2015	Planned Outage	14.72	1	14.72
1099854	4/24/2015	Planned Outage	13.12	1	13.12
1099857	4/24/2015	Planned Outage	60.42	5	12.08
1100899	4/25/2015	Planned Outage	477.4	12	39.78
1100901	4/25/2015	Planned Outage	73.13	4	18.28
1100917	4/25/2015	Planned Outage	55.77	2	27.88
1101017	4/25/2015	Planned Outage	211.35	1	211.35

Appendix 1

2015 Planned Outages Table

1101193	4/25/2015	Planned Outage	56.53	1	56.53
1101203	4/25/2015	Planned Outage	90.05	3	30.02
1101300	4/26/2015	Planned Outage	60.57	1	60.57
1101345	4/26/2015	Planned Outage	48.33	1	48.33
1101474	4/26/2015	Planned Outage	364.65	17	21.45
1101527	4/26/2015	Planned Outage	45.2	2	22.6
1101538	4/26/2015	Planned Outage	15.4	3	5.13
1101545	4/27/2015	Planned Outage	11.53	1	11.53
1101550	4/27/2015	Planned Outage	43.5	3	14.5
1101574	4/27/2015	Planned Outage	27.33	1	27.33
1101577	4/27/2015	Planned Outage	192.8	1	192.8
1101587	4/27/2015	Planned Outage	17.95	1	17.95
1101594	4/27/2015	Planned Outage	490.5	5	98.1
1101604	4/27/2015	Planned Outage	14.3	2	7.15
1101607	4/27/2015	Planned Outage	328.65	7	46.95
1101608	4/27/2015	Planned Outage	55.67	4	13.92
1101609	4/27/2015	Planned Outage	166.57	2	83.28
1101613	4/27/2015	Planned Outage	26.83	1	26.83
1101618	4/27/2015	Planned Outage	64.85	3	21.62
1101620	4/27/2015	Planned Outage	533.33	10	53.33
1101621	4/27/2015	Planned Outage	12.13	2	6.07
1101623	4/27/2015	Planned Outage	56.6	1	56.6
1101624	4/27/2015	Planned Outage	14.9	3	4.97
1101628	4/27/2015	Planned Outage	112.93	7	16.13
1101632	4/27/2015	Planned Outage	222.02	11	20.18
1101636	4/27/2015	Planned Outage	110.75	1	110.75
1101665	4/27/2015	Planned Outage	44.52	1	44.52
1101696	4/27/2015	Planned Outage	275.9	3	91.97
1101742	4/27/2015	Planned Outage	58.57	1	58.57
1101763	4/27/2015	Planned Outage	347.05	3	115.68
1101778	4/27/2015	Planned Outage	71.4	4	17.85
1101823	4/28/2015	Planned Outage	293.33	4	73.33
1101824	4/28/2015	Planned Outage	29.62	1	29.62
1101829	4/28/2015	Planned Outage	173.6	2	86.8
1101841	4/28/2015	Planned Outage	545.7	17	32.1
1101849	4/28/2015	Planned Outage	279	3	93
1101850	4/28/2015	Planned Outage	465	5	93
1101851	4/28/2015	Planned Outage	224.45	3	74.82
1101855	4/28/2015	Planned Outage	271.67	4	67.92
1101859	4/28/2015	Planned Outage	342.08	5	68.42
1101862	4/28/2015	Planned Outage	369	9	41
1101865	4/28/2015	Planned Outage	173	6	28.83
1101870	4/28/2015	Planned Outage	3950.33	28	141.08
1101872	4/28/2015	Planned Outage	30.03	2	15.02
1101877	4/28/2015	Planned Outage	76.87	4	19.22
1101878	4/28/2015	Planned Outage	36	3	12
1101884	4/28/2015	Planned Outage	54	1	54
1101885	4/28/2015	Planned Outage	372.5	5	74.5
1101905	4/28/2015	Planned Outage	102.6	6	17.1

Appendix 1

2015 Planned Outages Table

1101908	4/28/2015	Planned Outage	255.53	2	127.77
1101924	4/28/2015	Planned Outage	432.8	4	108.2
1101927	4/28/2015	Planned Outage	102	3	34
1101933	4/28/2015	Planned Outage	361.5	6	60.25
1101939	4/28/2015	Planned Outage	133.18	61	2.18
1101955	4/28/2015	Planned Outage	219	73	3
1101976	4/28/2015	Planned Outage	332.27	4	83.07
1102032	4/29/2015	Planned Outage	118.4	3	39.47
1102034	4/29/2015	Planned Outage	325.3	6	54.22
1102035	4/29/2015	Planned Outage	369.6	7	52.8
1102040	4/29/2015	Planned Outage	63	5	12.6
1102041	4/29/2015	Planned Outage	31.13	4	7.78
1102043	4/29/2015	Planned Outage	331.6	1	331.6
1102048	4/29/2015	Planned Outage	1452.5	25	58.1
1102050	4/29/2015	Planned Outage	228.22	1	228.22
1102053	4/29/2015	Planned Outage	15.87	1	15.87
1102054	4/29/2015	Planned Outage	464.25	5	92.85
1102057	4/29/2015	Planned Outage	45.47	2	22.73
1102062	4/29/2015	Planned Outage	79.32	1	79.32
1102063	4/29/2015	Planned Outage	8.17	1	8.17
1102064	4/29/2015	Planned Outage	17.67	1	17.67
1102065	4/29/2015	Planned Outage	360.65	3	120.22
1102066	4/29/2015	Planned Outage	610.08	5	122.02
1102067	4/29/2015	Planned Outage	131.87	1	131.87
1102068	4/29/2015	Planned Outage	92.07	1	92.07
1102071	4/29/2015	Planned Outage	98.35	3	32.78
1102074	4/29/2015	Planned Outage	121.75	3	40.58
1102079	4/29/2015	Planned Outage	121.5	5	24.3
1102084	4/29/2015	Planned Outage	15.15	1	15.15
1102089	4/29/2015	Planned Outage	30.07	1	30.07
1102093	4/29/2015	Planned Outage	289.7	6	48.28
1102101	4/29/2015	Planned Outage	395.13	4	98.78
1102103	4/29/2015	Planned Outage	110.15	3	36.72
1102109	4/29/2015	Planned Outage	21	3	7
1102116	4/29/2015	Planned Outage	23.25	3	7.75
1102133	4/29/2015	Planned Outage	433.9	2	216.95
1102134	4/29/2015	Planned Outage	642.15	3	214.05
1102193	4/30/2015	Planned Outage	9528.2	132	72.18
1102211	4/30/2015	Planned Outage	998.8	6	166.47
1102213	4/30/2015	Planned Outage	472.67	2	236.33
1102214	4/30/2015	Planned Outage	236.53	1	236.53
1102218	4/30/2015	Planned Outage	26.18	1	26.18
1102227	4/30/2015	Planned Outage	16389.07	164	99.93
1102231	4/30/2015	Planned Outage	1659.77	17	97.63
1102232	4/30/2015	Planned Outage	285.1	6	47.52
1102233	4/30/2015	Planned Outage	396.7	6	66.12
1102237	4/30/2015	Planned Outage	604.23	2	302.12
1102246	4/30/2015	Planned Outage	101.28	1	101.28
1102247	4/30/2015	Planned Outage	1086.3	54	20.12

Appendix 1

2015 Planned Outages Table

1102255	4/30/2015	Planned Outage	83.53	4	20.88
1102259	4/30/2015	Planned Outage	328.7	6	54.78
1102260	4/30/2015	Planned Outage	140.67	4	35.17
1102266	4/30/2015	Planned Outage	1012	12	84.33
1102277	4/30/2015	Planned Outage	747.9	9	83.1
1102313	5/1/2015	Planned Outage	37188.67	70	531.27
1102317	5/1/2015	Planned Outage	20.43	1	20.43
1102355	5/1/2015	Planned Outage	115.9	3	38.63
1102356	5/1/2015	Planned Outage	281.75	15	18.78
1102363	5/1/2015	Planned Outage	415.6	2	207.8
1102366	5/1/2015	Planned Outage	334.3	6	55.72
1102371	5/1/2015	Planned Outage	16.72	1	16.72
1102374	5/1/2015	Planned Outage	720.1	114	6.32
1102377	5/1/2015	Planned Outage	98.6	3	32.87
1102381	5/1/2015	Planned Outage	40.78	1	40.78
1102384	5/1/2015	Planned Outage	113.95	3	37.98
1102385	5/1/2015	Planned Outage	123.9	9	13.77
1102386	5/1/2015	Planned Outage	92.35	3	30.78
1102388	5/1/2015	Planned Outage	190.47	4	47.62
1102389	5/1/2015	Planned Outage	50.3	1	50.3
1102390	5/1/2015	Planned Outage	9.8	1	9.8
1102393	5/1/2015	Planned Outage	94.6	1	94.6
1102400	5/1/2015	Planned Outage	188.53	4	47.13
1102401	5/1/2015	Planned Outage	52.18	1	52.18
1102407	5/1/2015	Planned Outage	85.5	3	28.5
1102408	5/1/2015	Planned Outage	97	12	8.08
1102417	5/1/2015	Planned Outage	153	3	51
1102418	5/1/2015	Planned Outage	1129.92	7	161.42
1102424	5/1/2015	Planned Outage	490.1	6	81.68
1102426	5/1/2015	Planned Outage	20.38	1	20.38
1102427	5/1/2015	Planned Outage	128	4	32
1102442	5/1/2015	Planned Outage	7.52	1	7.52
1102451	5/1/2015	Planned Outage	316	6	52.67
1102461	5/1/2015	Planned Outage	26.92	1	26.92
1102559	5/2/2015	Planned Outage	51.77	1	51.77
1102568	5/2/2015	Planned Outage	23.67	1	23.67
1102569	5/2/2015	Planned Outage	7.67	1	7.67
1102619	5/3/2015	Planned Outage	64.37	2	32.18
1102716	5/4/2015	Planned Outage	95.47	2	47.73
1102719	5/4/2015	Planned Outage	228.15	1	228.15
1102722	5/4/2015	Planned Outage	172.2	3	57.4
1102723	5/4/2015	Planned Outage	230.87	4	57.72
1102726	5/4/2015	Planned Outage	103.87	1	103.87
1102727	5/4/2015	Planned Outage	24.45	1	24.45
1102729	5/4/2015	Planned Outage	219.5	6	36.58
1102732	5/4/2015	Planned Outage	102	4	25.5
1102734	5/4/2015	Planned Outage	49	1	49
1102737	5/4/2015	Planned Outage	406.8	8	50.85
1102743	5/4/2015	Planned Outage	663.58	5	132.72

Appendix 1

2015 Planned Outages Table

1102744	5/4/2015	Planned Outage	635.1	6	105.85
1102745	5/4/2015	Planned Outage	632.3	6	105.38
1102748	5/4/2015	Planned Outage	5.53	1	5.53
1102753	5/4/2015	Planned Outage	20.92	5	4.18
1102754	5/4/2015	Planned Outage	944.07	4	236.02
1102756	5/4/2015	Planned Outage	422.4	4	105.6
1102758	5/4/2015	Planned Outage	20.97	2	10.48
1102767	5/4/2015	Planned Outage	213.2	6	35.53
1102770	5/4/2015	Planned Outage	16.2	1	16.2
1102771	5/4/2015	Planned Outage	501.7	6	83.62
1102772	5/4/2015	Planned Outage	194.13	8	24.27
1102774	5/4/2015	Planned Outage	36	1	36
1102776	5/4/2015	Planned Outage	15.93	2	7.97
1102782	5/4/2015	Planned Outage	298.93	16	18.68
1102786	5/4/2015	Planned Outage	1685.33	10	168.53
1102800	5/4/2015	Planned Outage	93.33	16	5.83
1102802	5/4/2015	Planned Outage	26.87	4	6.72
1102806	5/4/2015	Planned Outage	57.8	2	28.9
1102821	5/5/2015	Planned Outage	113.85	1	113.85
1102826	5/5/2015	Planned Outage	26.1	3	8.7
1102834	5/5/2015	Planned Outage	121.6	2	60.8
1102835	5/5/2015	Planned Outage	215.02	1	215.02
1102836	5/5/2015	Planned Outage	476.17	5	95.23
1102839	5/5/2015	Planned Outage	46.33	4	11.58
1102840	5/5/2015	Planned Outage	270.73	4	67.68
1102843	5/5/2015	Planned Outage	621.33	4	155.33
1102845	5/5/2015	Planned Outage	123	9	13.67
1102846	5/5/2015	Planned Outage	85.97	2	42.98
1102848	5/5/2015	Planned Outage	67.95	3	22.65
1102849	5/5/2015	Planned Outage	70.83	5	14.17
1102850	5/5/2015	Planned Outage	459.17	38	12.08
1102853	5/5/2015	Planned Outage	29.95	1	29.95
1102858	5/5/2015	Planned Outage	4323.63	859	5.03
1102859	5/5/2015	Planned Outage	474.83	5	94.97
1102860	5/5/2015	Planned Outage	254	5	50.8
1102868	5/5/2015	Planned Outage	55.25	1	55.25
1102873	5/5/2015	Planned Outage	36.12	1	36.12
1102874	5/5/2015	Planned Outage	46.87	1	46.87
1102876	5/5/2015	Planned Outage	236.7	6	39.45
1102877	5/5/2015	Planned Outage	157.8	4	39.45
1102882	5/5/2015	Planned Outage	48	2	24
1102887	5/5/2015	Planned Outage	33.5	3	11.17
1103174	5/5/2015	Planned Outage	956.33	5	191.27
1103215	5/5/2015	Planned Outage	362.55	3	120.85
1103219	5/5/2015	Planned Outage	859.47	11	78.13
1103253	5/6/2015	Planned Outage	59.33	4	14.83
1103256	5/6/2015	Planned Outage	83.8	4	20.95
1103260	5/6/2015	Planned Outage	92.7	2	46.35
1103266	5/6/2015	Planned Outage	105.45	3	35.15

Appendix 1

2015 Planned Outages Table

1103267	5/6/2015	Planned Outage	174.33	5	34.87
1103269	5/6/2015	Planned Outage	36.8	2	18.4
1103274	5/6/2015	Planned Outage	111.43	1	111.43
1103281	5/6/2015	Planned Outage	1110.33	4	277.58
1103284	5/6/2015	Planned Outage	111.25	5	22.25
1103285	5/6/2015	Planned Outage	62.2	1	62.2
1103291	5/6/2015	Planned Outage	25	3	8.33
1103310	5/6/2015	Planned Outage	201.87	8	25.23
1103312	5/6/2015	Planned Outage	104.22	1	104.22
1103316	5/6/2015	Planned Outage	121.37	2	60.68
1103325	5/6/2015	Planned Outage	65.25	3	21.75
1103331	5/6/2015	Planned Outage	36.77	1	36.77
1103336	5/6/2015	Planned Outage	352.33	10	35.23
1103367	5/6/2015	Planned Outage	366.6	4	91.65
1103412	5/7/2015	Planned Outage	81.2	4	20.3
1103425	5/7/2015	Planned Outage	524.5	10	52.45
1103426	5/7/2015	Planned Outage	3.88	1	3.88
1103428	5/7/2015	Planned Outage	100.95	1	100.95
1103441	5/7/2015	Planned Outage	74.22	1	74.22
1103442	5/7/2015	Planned Outage	930.6	6	155.1
1103445	5/7/2015	Planned Outage	1067.5	7	152.5
1103450	5/7/2015	Planned Outage	307.02	1	307.02
1103457	5/7/2015	Planned Outage	79.93	2	39.97
1103458	5/7/2015	Planned Outage	97.6	3	32.53
1103459	5/7/2015	Planned Outage	65.52	1	65.52
1103467	5/7/2015	Planned Outage	109.82	1	109.82
1103468	5/7/2015	Planned Outage	127.13	1	127.13
1103470	5/7/2015	Planned Outage	602.07	4	150.52
1103476	5/7/2015	Planned Outage	188.65	3	62.88
1103486	5/7/2015	Planned Outage	83.7	2	41.85
1103489	5/7/2015	Planned Outage	41.32	1	41.32
1103494	5/7/2015	Planned Outage	3.47	1	3.47
1103498	5/7/2015	Planned Outage	131.45	3	43.82
1103506	5/7/2015	Planned Outage	109.08	5	21.82
1103507	5/7/2015	Planned Outage	135.98	1	135.98
1103509	5/7/2015	Planned Outage	158.08	1	158.08
1103516	5/7/2015	Planned Outage	11.73	2	5.87
1103517	5/7/2015	Planned Outage	25.07	4	6.27
1103518	5/7/2015	Planned Outage	157.6	4	39.4
1103583	5/8/2015	Planned Outage	89.97	2	44.98
1103607	5/8/2015	Planned Outage	85.5	10	8.55
1103613	5/8/2015	Planned Outage	12.73	1	12.73
1103614	5/8/2015	Planned Outage	109.27	1	109.27
1103618	5/8/2015	Planned Outage	64.35	1	64.35
1103629	5/8/2015	Planned Outage	1.62	1	1.62
1103631	5/8/2015	Planned Outage	18.42	1	18.42
1103632	5/8/2015	Planned Outage	427.1	3	142.37
1103641	5/8/2015	Planned Outage	107.65	1	107.65
1103657	5/8/2015	Planned Outage	2847.6	9	316.4

Appendix 1

2015 Planned Outages Table

1103714	5/9/2015	Planned Outage	159.95	1	159.95
1103823	5/9/2015	Planned Outage	11.55	1	11.55
1103941	5/10/2015	Planned Outage	11.1	1	11.1
1104001	5/11/2015	Planned Outage	22.77	1	22.77
1104006	5/11/2015	Planned Outage	342.5	3	114.17
1104015	5/11/2015	Planned Outage	316.27	8	39.53
1104017	5/11/2015	Planned Outage	275.73	8	34.47
1104018	5/11/2015	Planned Outage	10.75	1	10.75
1104019	5/11/2015	Planned Outage	24.87	2	12.43
1104021	5/11/2015	Planned Outage	138.05	3	46.02
1104026	5/11/2015	Planned Outage	274.17	5	54.83
1104033	5/11/2015	Planned Outage	218	3	72.67
1104035	5/11/2015	Planned Outage	48.1	6	8.02
1104036	5/11/2015	Planned Outage	30.67	4	7.67
1104040	5/11/2015	Planned Outage	103.8	4	25.95
1104041	5/11/2015	Planned Outage	2814.67	40	70.37
1104043	5/11/2015	Planned Outage	247.93	4	61.98
1104045	5/11/2015	Planned Outage	180.7	3	60.23
1104047	5/11/2015	Planned Outage	105.7	1	105.7
1104049	5/11/2015	Planned Outage	715.4	12	59.62
1104051	5/11/2015	Planned Outage	27.98	1	27.98
1104053	5/11/2015	Planned Outage	150.3	1	150.3
1104060	5/11/2015	Planned Outage	198	22	9
1104061	5/11/2015	Planned Outage	86.92	5	17.38
1104064	5/11/2015	Planned Outage	416	16	26
1104065	5/11/2015	Planned Outage	254.17	10	25.42
1104067	5/11/2015	Planned Outage	66	6	11
1104076	5/11/2015	Planned Outage	95.87	4	23.97
1104101	5/11/2015	Planned Outage	195.15	9	21.68
1104125	5/12/2015	Planned Outage	88.37	2	44.18
1104126	5/12/2015	Planned Outage	44.4	1	44.4
1104137	5/12/2015	Planned Outage	395.93	4	98.98
1104141	5/12/2015	Planned Outage	611.25	3	203.75
1104146	5/12/2015	Planned Outage	261.47	2	130.73
1104147	5/12/2015	Planned Outage	13.78	1	13.78
1104148	5/12/2015	Planned Outage	14.13	1	14.13
1104152	5/12/2015	Planned Outage	71.12	1	71.12
1104154	5/12/2015	Planned Outage	546.13	4	136.53
1104159	5/12/2015	Planned Outage	176.17	2	88.08
1104161	5/12/2015	Planned Outage	576.33	5	115.27
1104162	5/12/2015	Planned Outage	320.4	12	26.7
1104165	5/12/2015	Planned Outage	274.92	5	54.98
1104167	5/12/2015	Planned Outage	138.2	6	23.03
1104170	5/12/2015	Planned Outage	554.85	9	61.65
1104172	5/12/2015	Planned Outage	71.1	1	71.1
1104174	5/12/2015	Planned Outage	1522.5	9	169.17
1104177	5/12/2015	Planned Outage	157.35	1	157.35
1104178	5/12/2015	Planned Outage	1.6	1	1.6
1104180	5/12/2015	Planned Outage	1440.45	9	160.05

Appendix 1

2015 Planned Outages Table

1104182	5/12/2015	Planned Outage	167.93	2	83.97
1104184	5/12/2015	Planned Outage	313.2	4	78.3
1104186	5/12/2015	Planned Outage	39.17	2	19.58
1104191	5/12/2015	Planned Outage	56.63	1	56.63
1104193	5/12/2015	Planned Outage	309.4	7	44.2
1104198	5/12/2015	Planned Outage	49.35	3	16.45
1104200	5/12/2015	Planned Outage	315.3	9	35.03
1104203	5/12/2015	Planned Outage	3.48	1	3.48
1104207	5/12/2015	Planned Outage	29.7	2	14.85
1104209	5/12/2015	Planned Outage	28.32	1	28.32
1104218	5/12/2015	Planned Outage	114	6	19
1104222	5/12/2015	Planned Outage	1155.42	5	231.08
1104223	5/12/2015	Planned Outage	79.73	4	19.93
1104224	5/12/2015	Planned Outage	83.93	4	20.98
1104229	5/12/2015	Planned Outage	377	6	62.83
1104232	5/12/2015	Planned Outage	167.85	1	167.85
1104233	5/12/2015	Planned Outage	1849.83	11	168.17
1104245	5/12/2015	Planned Outage	95.37	1	95.37
1104246	5/12/2015	Planned Outage	38.73	1	38.73
1104253	5/12/2015	Planned Outage	119.1	3	39.7
1104286	5/13/2015	Planned Outage	106.93	2	53.47
1104293	5/13/2015	Planned Outage	109.6	4	27.4
1104294	5/13/2015	Planned Outage	128.27	1	128.27
1104296	5/13/2015	Planned Outage	22.97	1	22.97
1104298	5/13/2015	Planned Outage	822.43	11	74.77
1104299	5/13/2015	Planned Outage	122.05	3	40.68
1104309	5/13/2015	Planned Outage	225.15	3	75.05
1104312	5/13/2015	Planned Outage	249.4	3	83.13
1104500	5/13/2015	Planned Outage	96.45	1	96.45
1104507	5/13/2015	Planned Outage	56.97	1	56.97
1104512	5/13/2015	Planned Outage	134.8	3	44.93
1104525	5/13/2015	Planned Outage	84	1	84
1104527	5/13/2015	Planned Outage	315.73	8	39.47
1104540	5/13/2015	Planned Outage	169.33	2	84.67
1104545	5/13/2015	Planned Outage	940.75	5	188.15
1104551	5/13/2015	Planned Outage	634.53	4	158.63
1104559	5/13/2015	Planned Outage	119.23	2	59.62
1104625	5/14/2015	Planned Outage	40.67	2	20.33
1104631	5/14/2015	Planned Outage	680	4	170
1104632	5/14/2015	Planned Outage	105.98	1	105.98
1104633	5/14/2015	Planned Outage	129.13	4	32.28
1104637	5/14/2015	Planned Outage	707.92	5	141.58
1104638	5/14/2015	Planned Outage	6	1	6
1104639	5/14/2015	Planned Outage	53.87	1	53.87
1104645	5/14/2015	Planned Outage	338.93	8	42.37
1104646	5/14/2015	Planned Outage	76.63	1	76.63
1104649	5/14/2015	Planned Outage	106	4	26.5
1104652	5/14/2015	Planned Outage	54.8	3	18.27
1104657	5/14/2015	Planned Outage	3449.1	18	191.62

Appendix 1

2015 Planned Outages Table

1104660	5/14/2015	Planned Outage	201.78	1	201.78
1104661	5/14/2015	Planned Outage	924.73	13	71.13
1104663	5/14/2015	Planned Outage	50.27	1	50.27
1104664	5/14/2015	Planned Outage	27.62	1	27.62
1104668	5/14/2015	Planned Outage	840.9	9	93.43
1104678	5/14/2015	Planned Outage	84.27	4	21.07
1104684	5/14/2015	Planned Outage	44.57	2	22.28
1104685	5/14/2015	Planned Outage	69.67	2	34.83
1104747	5/14/2015	Planned Outage	68.42	5	13.68
1104748	5/14/2015	Planned Outage	13.67	1	13.67
1104750	5/14/2015	Planned Outage	5	5	1
1104751	5/14/2015	Planned Outage	59.85	1	59.85
1104758	5/14/2015	Planned Outage	35.6	3	11.87
1104803	5/15/2015	Planned Outage	222.98	1	222.98
1104805	5/15/2015	Planned Outage	518.15	3	172.72
1104810	5/15/2015	Planned Outage	19328.7	3391	5.7
1104822	5/15/2015	Planned Outage	22.67	1	22.67
1104837	5/15/2015	Planned Outage	300	3	100
1104848	5/15/2015	Planned Outage	128.3	3	42.77
1104849	5/15/2015	Planned Outage	333.2	8	41.65
1104854	5/15/2015	Planned Outage	22.27	2	11.13
1104861	5/15/2015	Planned Outage	750.4	28	26.8
1104864	5/15/2015	Planned Outage	365.7	6	60.95
1104873	5/15/2015	Planned Outage	138.65	3	46.22
1104877	5/15/2015	Planned Outage	245.8	3	81.93
1104882	5/15/2015	Planned Outage	410.93	4	102.73
1104885	5/15/2015	Planned Outage	729.4	12	60.78
1104887	5/15/2015	Planned Outage	33.08	5	6.62
1104888	5/15/2015	Planned Outage	58.53	4	14.63
1104901	5/15/2015	Planned Outage	289.83	10	28.98
1104922	5/15/2015	Planned Outage	562.13	17	33.07
1105005	5/15/2015	Planned Outage	59.9	6	9.98
1105045	5/16/2015	Planned Outage	81.33	1	81.33
1105097	5/17/2015	Planned Outage	5904.6	12	492.05
1105108	5/17/2015	Planned Outage	9.3	1	9.3
1105112	5/17/2015	Planned Outage	107.15	3	35.72
1105117	5/17/2015	Planned Outage	24.3	2	12.15
1105118	5/17/2015	Planned Outage	172.7	11	15.7
1105124	5/17/2015	Planned Outage	205	5	41
1105126	5/17/2015	Planned Outage	23.82	1	23.82
1105151	5/17/2015	Planned Outage	46.5	5	9.3
1105166	5/17/2015	Planned Outage	891.08	5	178.22
1105206	5/18/2015	Planned Outage	28.65	3	9.55
1105209	5/18/2015	Planned Outage	200	1	200
1105214	5/18/2015	Planned Outage	205	4	51.25
1105216	5/18/2015	Planned Outage	13597.67	95	143.13
1105222	5/18/2015	Planned Outage	151.85	3	50.62
1105225	5/18/2015	Planned Outage	83.72	1	83.72
1105226	5/18/2015	Planned Outage	65.75	1	65.75

Appendix 1

2015 Planned Outages Table

1105231	5/18/2015	Planned Outage	459	4	114.75
1105232	5/18/2015	Planned Outage	114.4	1	114.4
1105234	5/18/2015	Planned Outage	221.1	6	36.85
1105244	5/18/2015	Planned Outage	309.33	4	77.33
1105246	5/18/2015	Planned Outage	165.2	2	82.6
1105247	5/18/2015	Planned Outage	3496	57	61.33
1105251	5/18/2015	Planned Outage	187.9	3	62.63
1105253	5/18/2015	Planned Outage	102.2	1	102.2
1105256	5/18/2015	Planned Outage	21.03	2	10.52
1105257	5/18/2015	Planned Outage	158.7	2	79.35
1105259	5/18/2015	Planned Outage	148.58	5	29.72
1105269	5/18/2015	Planned Outage	102.2	4	25.55
1105273	5/18/2015	Planned Outage	49.05	1	49.05
1105275	5/18/2015	Planned Outage	129.67	4	32.42
1105278	5/18/2015	Planned Outage	567.35	7	81.05
1105286	5/18/2015	Planned Outage	121.6	2	60.8
1105287	5/18/2015	Planned Outage	323.9	6	53.98
1105345	5/18/2015	Planned Outage	59.48	1	59.48
1105355	5/18/2015	Planned Outage	30.57	1	30.57
1105356	5/18/2015	Planned Outage	41.2	2	20.6
1105399	5/19/2015	Planned Outage	405.9	3	135.3
1105410	5/19/2015	Planned Outage	86.83	5	17.37
1105413	5/19/2015	Planned Outage	58.15	1	58.15
1105414	5/19/2015	Planned Outage	639.02	1	639.02
1105415	5/19/2015	Planned Outage	195.28	1	195.28
1105417	5/19/2015	Planned Outage	13.58	1	13.58
1105418	5/19/2015	Planned Outage	81.9	6	13.65
1105419	5/19/2015	Planned Outage	1108.1	6	184.68
1105424	5/19/2015	Planned Outage	892.53	4	223.13
1105425	5/19/2015	Planned Outage	474	3	158
1105427	5/19/2015	Planned Outage	75.38	1	75.38
1105431	5/19/2015	Planned Outage	255.13	2	127.57
1105432	5/19/2015	Planned Outage	83.4	1	83.4
1105444	5/19/2015	Planned Outage	213.4	2	106.7
1105448	5/19/2015	Planned Outage	7461.2	276	27.03
1105460	5/19/2015	Planned Outage	458.67	8	57.33
1105464	5/19/2015	Planned Outage	238.5	6	39.75
1105465	5/19/2015	Planned Outage	163.4	3	54.47
1105468	5/19/2015	Planned Outage	2.97	1	2.97
1105471	5/19/2015	Planned Outage	36.87	1	36.87
1105472	5/19/2015	Planned Outage	258	3	86
1105475	5/19/2015	Planned Outage	214.37	2	107.18
1105480	5/19/2015	Planned Outage	187.73	4	46.93
1105514	5/19/2015	Planned Outage	109.43	2	54.72
1105522	5/19/2015	Planned Outage	163.73	2	81.87
1105527	5/19/2015	Planned Outage	13.6	2	6.8
1105532	5/19/2015	Planned Outage	96.3	1	96.3
1105555	5/20/2015	Planned Outage	6088.8	72	84.57
1105588	5/20/2015	Planned Outage	119.35	1	119.35

Appendix 1

2015 Planned Outages Table

1105597	5/20/2015	Planned Outage	92.37	2	46.18
1105603	5/20/2015	Planned Outage	41.95	1	41.95
1105615	5/20/2015	Planned Outage	6141.77	46	133.52
1105617	5/20/2015	Planned Outage	11324.13	88	128.68
1105629	5/20/2015	Planned Outage	403.13	4	100.78
1105630	5/20/2015	Planned Outage	12.72	1	12.72
1105631	5/20/2015	Planned Outage	139.67	5	27.93
1105636	5/20/2015	Planned Outage	101.1	1	101.1
1105637	5/20/2015	Planned Outage	306.03	2	153.02
1105646	5/20/2015	Planned Outage	480.93	8	60.12
1105669	5/20/2015	Planned Outage	260	3	86.67
1105671	5/20/2015	Planned Outage	880.18	11	80.02
1105675	5/20/2015	Planned Outage	30.48	1	30.48
1105676	5/20/2015	Planned Outage	52.17	2	26.08
1105685	5/20/2015	Planned Outage	373	2	186.5
1105695	5/20/2015	Planned Outage	301	4	75.25
1105706	5/20/2015	Planned Outage	429.83	2	214.92
1105712	5/20/2015	Planned Outage	69.67	1	69.67
1105909	5/20/2015	Planned Outage	239.42	5	47.88
1105969	5/21/2015	Planned Outage	59	1	59
1105982	5/21/2015	Planned Outage	127	1	127
1105985	5/21/2015	Planned Outage	143.07	4	35.77
1105993	5/21/2015	Planned Outage	50.05	3	16.68
1105999	5/21/2015	Planned Outage	878.4	8	109.8
1106007	5/21/2015	Planned Outage	329.65	1	329.65
1106014	5/21/2015	Planned Outage	441.8	6	73.63
1106015	5/21/2015	Planned Outage	76.95	3	25.65
1106024	5/21/2015	Planned Outage	111.93	4	27.98
1106027	5/21/2015	Planned Outage	49.77	2	24.88
1106034	5/21/2015	Planned Outage	416.7	3	138.9
1106037	5/21/2015	Planned Outage	267.5	3	89.17
1106038	5/21/2015	Planned Outage	98.47	4	24.62
1106039	5/21/2015	Planned Outage	184.67	4	46.17
1106040	5/21/2015	Planned Outage	177.27	2	88.63
1106042	5/21/2015	Planned Outage	282.67	4	70.67
1106047	5/21/2015	Planned Outage	2.3	1	2.3
1106067	5/21/2015	Planned Outage	44.33	7	6.33
1106068	5/21/2015	Planned Outage	16.27	1	16.27
1106222	5/22/2015	Planned Outage	132.42	1	132.42
1106241	5/22/2015	Planned Outage	297	10	29.7
1106254	5/22/2015	Planned Outage	17.78	1	17.78
1106258	5/22/2015	Planned Outage	49.07	2	24.53
1106262	5/22/2015	Planned Outage	226.5	2	113.25
1106263	5/22/2015	Planned Outage	36.4	3	12.13
1106266	5/22/2015	Planned Outage	22.38	1	22.38
1106268	5/22/2015	Planned Outage	104.7	9	11.63
1106269	5/22/2015	Planned Outage	72.32	1	72.32
1106276	5/22/2015	Planned Outage	118.52	1	118.52
1106277	5/22/2015	Planned Outage	349.5	15	23.3

Appendix 1

2015 Planned Outages Table

1106278	5/22/2015	Planned Outage	31.85	3	10.62
1106279	5/22/2015	Planned Outage	226.92	5	45.38
1106280	5/22/2015	Planned Outage	912.33	23	39.67
1106285	5/22/2015	Planned Outage	39.87	4	9.97
1106286	5/22/2015	Planned Outage	276.9	6	46.15
1106287	5/22/2015	Planned Outage	16.43	1	16.43
1106304	5/22/2015	Planned Outage	102.83	2	51.42
1106305	5/22/2015	Planned Outage	173.6	1	173.6
1106306	5/22/2015	Planned Outage	105	1	105
1106331	5/22/2015	Planned Outage	23.68	1	23.68
1106348	5/22/2015	Planned Outage	33.55	1	33.55
1106349	5/22/2015	Planned Outage	43.5	3	14.5
1106532	5/24/2015	Planned Outage	169.8	9	18.87
1106547	5/24/2015	Planned Outage	316.5	9	35.17
1106711	5/26/2015	Planned Outage	20.17	1	20.17
1106712	5/26/2015	Planned Outage	227.2	1	227.2
1106720	5/26/2015	Planned Outage	222	2	111
1106723	5/26/2015	Planned Outage	322	2	161
1106729	5/26/2015	Planned Outage	18.62	1	18.62
1106737	5/26/2015	Planned Outage	306	3	102
1106775	5/26/2015	Planned Outage	942.47	4	235.62
1106776	5/26/2015	Planned Outage	1647.8	7	235.4
1106792	5/26/2015	Planned Outage	30.53	8	3.82
1106959	5/26/2015	Planned Outage	119	4	29.75
1106965	5/26/2015	Planned Outage	1079.87	26	41.53
1107083	5/26/2015	Planned Outage	11.4	2	5.7
1107116	5/27/2015	Planned Outage	1308.6	18	72.7
1107117	5/27/2015	Planned Outage	1734.8	24	72.28
1107119	5/27/2015	Planned Outage	151.13	1	151.13
1107124	5/27/2015	Planned Outage	50.82	1	50.82
1107130	5/27/2015	Planned Outage	52.17	1	52.17
1107131	5/27/2015	Planned Outage	49.3	1	49.3
1107132	5/27/2015	Planned Outage	65.83	2	32.92
1107145	5/27/2015	Planned Outage	87.4	2	43.7
1107146	5/27/2015	Planned Outage	411.3	2	205.65
1107150	5/27/2015	Planned Outage	105.3	3	35.1
1107151	5/27/2015	Planned Outage	387.33	4	96.83
1107153	5/27/2015	Planned Outage	69.98	1	69.98
1107182	5/27/2015	Planned Outage	35.68	1	35.68
1107220	5/27/2015	Planned Outage	22.13	1	22.13
1107224	5/27/2015	Planned Outage	133.87	4	33.47
1107226	5/27/2015	Planned Outage	39.88	1	39.88
1107243	5/27/2015	Planned Outage	416.3	3	138.77
1107260	5/28/2015	Planned Outage	638	2	319
1107303	5/28/2015	Planned Outage	67.77	1	67.77
1107304	5/28/2015	Planned Outage	1029	21	49
1107306	5/28/2015	Planned Outage	395.2	6	65.87
1107310	5/28/2015	Planned Outage	16.37	1	16.37
1107314	5/28/2015	Planned Outage	658.13	8	82.27

Appendix 1

2015 Planned Outages Table

1107315	5/28/2015	Planned Outage	181.37	2	90.68
1107317	5/28/2015	Planned Outage	57.85	1	57.85
1107322	5/28/2015	Planned Outage	338.68	7	48.38
1107328	5/28/2015	Planned Outage	21.22	1	21.22
1107332	5/28/2015	Planned Outage	97.4	6	16.23
1107333	5/28/2015	Planned Outage	160.17	10	16.02
1107335	5/28/2015	Planned Outage	8.87	1	8.87
1107346	5/28/2015	Planned Outage	1652.82	1	1652.82
1107351	5/28/2015	Planned Outage	273.47	4	68.37
1107360	5/28/2015	Planned Outage	69.87	1	69.87
1107362	5/28/2015	Planned Outage	207.73	2	103.87
1107365	5/28/2015	Planned Outage	495.07	8	61.88
1107367	5/28/2015	Planned Outage	131.95	7	18.85
1107405	5/28/2015	Planned Outage	2587.8	57	45.4
1107493	5/28/2015	Planned Outage	6.1	1	6.1
1107555	5/29/2015	Planned Outage	68.27	1	68.27
1107558	5/29/2015	Planned Outage	655.93	4	163.98
1107560	5/29/2015	Planned Outage	1038	4	259.5
1107564	5/29/2015	Planned Outage	17.7	1	17.7
1107566	5/29/2015	Planned Outage	104.43	1	104.43
1107569	5/29/2015	Planned Outage	121.25	1	121.25
1107572	5/29/2015	Planned Outage	172.07	4	43.02
1107576	5/29/2015	Planned Outage	103.83	2	51.92
1107585	5/29/2015	Planned Outage	146.98	1	146.98
1107591	5/29/2015	Planned Outage	40.42	1	40.42
1107593	5/29/2015	Planned Outage	701.87	7	100.27
1107595	5/29/2015	Planned Outage	53.98	41	1.32
1107601	5/29/2015	Planned Outage	10.95	1	10.95
1107602	5/29/2015	Planned Outage	39.38	1	39.38
1107615	5/29/2015	Planned Outage	84.33	11	7.67
1107651	5/29/2015	Planned Outage	2990.4	96	31.15
1107657	5/29/2015	Planned Outage	9.07	1	9.07
1107661	5/29/2015	Planned Outage	112.93	1	112.93
1107673	5/29/2015	Planned Outage	24.75	1	24.75
1107708	5/30/2015	Planned Outage	49.83	1	49.83
1107920	6/1/2015	Planned Outage	385.08	5	77.02
1107926	6/1/2015	Planned Outage	4.32	1	4.32
1107930	6/1/2015	Planned Outage	11.98	1	11.98
1107936	6/1/2015	Planned Outage	34.78	1	34.78
1107940	6/1/2015	Planned Outage	108.63	2	54.32
1107943	6/1/2015	Planned Outage	370.2	4	92.55
1107949	6/1/2015	Planned Outage	885.2	8	110.65
1107950	6/1/2015	Planned Outage	4	4	1
1107954	6/1/2015	Planned Outage	973.17	10	97.32
1107955	6/1/2015	Planned Outage	194.97	2	97.48
1107964	6/1/2015	Planned Outage	17	1	17
1107970	6/1/2015	Planned Outage	33.52	1	33.52
1107971	6/1/2015	Planned Outage	7.03	1	7.03
1107973	6/1/2015	Planned Outage	2564.73	68	37.72

Appendix 1

2015 Planned Outages Table

1107975	6/1/2015	Planned Outage	46.82	1	46.82
1107984	6/1/2015	Planned Outage	53	4	13.25
1108019	6/1/2015	Planned Outage	342.07	4	85.52
1108020	6/1/2015	Planned Outage	342.6	4	85.65
1108037	6/1/2015	Planned Outage	400.05	3	133.35
1108040	6/1/2015	Planned Outage	324	4	81
1108089	6/1/2015	Planned Outage	197.33	4	49.33
1108119	6/1/2015	Planned Outage	165.47	4	41.37
1108171	6/2/2015	Planned Outage	506.35	1	506.35
1108175	6/2/2015	Planned Outage	29.65	1	29.65
1108180	6/2/2015	Planned Outage	63.7	1	63.7
1108181	6/2/2015	Planned Outage	1676.33	5	335.27
1108183	6/2/2015	Planned Outage	1491.73	32	46.62
1108186	6/2/2015	Planned Outage	1.73	1	1.73
1108196	6/2/2015	Planned Outage	6.53	1	6.53
1108258	6/2/2015	Planned Outage	125.47	4	31.37
1108260	6/2/2015	Planned Outage	326	1	326
1108263	6/2/2015	Planned Outage	93.53	2	46.77
1108266	6/2/2015	Planned Outage	156.1	6	26.02
1108267	6/2/2015	Planned Outage	12.53	1	12.53
1108269	6/2/2015	Planned Outage	58.92	7	8.42
1108275	6/2/2015	Planned Outage	1366.97	23	59.43
1108289	6/2/2015	Planned Outage	340.6	3	113.53
1108308	6/2/2015	Planned Outage	489.8	4	122.45
1108320	6/2/2015	Planned Outage	322.63	1	322.63
1108331	6/2/2015	Planned Outage	156.4	4	39.1
1108335	6/2/2015	Planned Outage	58.75	3	19.58
1108338	6/2/2015	Planned Outage	108.03	2	54.02
1108358	6/2/2015	Planned Outage	391.8	4	97.95
1108359	6/2/2015	Planned Outage	103.83	2	51.92
1108361	6/2/2015	Planned Outage	436	4	109
1108377	6/2/2015	Planned Outage	20.37	2	10.18
1108414	6/3/2015	Planned Outage	44.65	1	44.65
1108415	6/3/2015	Planned Outage	25.6	1	25.6
1108416	6/3/2015	Planned Outage	9.87	1	9.87
1108423	6/3/2015	Planned Outage	1016.8	16	63.55
1108431	6/3/2015	Planned Outage	962.98	19	50.68
1108432	6/3/2015	Planned Outage	18.02	1	18.02
1108437	6/3/2015	Planned Outage	24.37	1	24.37
1108439	6/3/2015	Planned Outage	6.48	1	6.48
1108441	6/3/2015	Planned Outage	1191.4	12	99.28
1108447	6/3/2015	Planned Outage	220.05	3	73.35
1108455	6/3/2015	Planned Outage	102.1	1	102.1
1108458	6/3/2015	Planned Outage	20.2	1	20.2
1108459	6/3/2015	Planned Outage	37.32	1	37.32
1108460	6/3/2015	Planned Outage	708.8	16	44.3
1108462	6/3/2015	Planned Outage	230.65	3	76.88
1108474	6/3/2015	Planned Outage	31.53	1	31.53
1108478	6/3/2015	Planned Outage	832.25	5	166.45

Appendix 1

2015 Planned Outages Table

1108484	6/3/2015	Planned Outage	659.33	10	65.93
1108486	6/3/2015	Planned Outage	26.83	1	26.83
1108490	6/3/2015	Planned Outage	61.13	2	30.57
1108492	6/3/2015	Planned Outage	73.8	6	12.3
1108493	6/3/2015	Planned Outage	72.1	6	12.02
1108495	6/3/2015	Planned Outage	161.82	7	23.12
1108496	6/3/2015	Planned Outage	1165.27	11	105.93
1108498	6/3/2015	Planned Outage	57.48	1	57.48
1108503	6/3/2015	Planned Outage	374.75	3	124.92
1108506	6/3/2015	Planned Outage	203.87	8	25.48
1108508	6/3/2015	Planned Outage	35.97	2	17.98
1108512	6/3/2015	Planned Outage	595.5	10	59.55
1108515	6/3/2015	Planned Outage	1367.08	5	273.42
1108517	6/3/2015	Planned Outage	45.27	4	11.32
1108519	6/3/2015	Planned Outage	150.4	4	37.6
1108523	6/3/2015	Planned Outage	485.67	4	121.42
1108556	6/4/2015	Planned Outage	122.15	1	122.15
1108558	6/4/2015	Planned Outage	7.3	3	2.43
1108559	6/4/2015	Planned Outage	62.83	1	62.83
1108564	6/4/2015	Planned Outage	4.3	2	2.15
1108565	6/4/2015	Planned Outage	622.8	12	51.9
1108576	6/4/2015	Planned Outage	792.87	4	198.22
1108578	6/4/2015	Planned Outage	965.08	5	193.02
1108581	6/4/2015	Planned Outage	187.42	1	187.42
1108592	6/4/2015	Planned Outage	241.9	2	120.95
1108598	6/4/2015	Planned Outage	463.93	4	115.98
1108599	6/4/2015	Planned Outage	115.05	1	115.05
1108600	6/4/2015	Planned Outage	229.8	2	114.9
1108604	6/4/2015	Planned Outage	69.27	4	17.32
1108610	6/4/2015	Planned Outage	737.22	7	105.32
1108616	6/4/2015	Planned Outage	266.53	1	266.53
1108618	6/4/2015	Planned Outage	254.8	4	63.7
1108620	6/4/2015	Planned Outage	61.77	1	61.77
1108633	6/4/2015	Planned Outage	2298	766	3
1108704	6/4/2015	Planned Outage	110.95	3	36.98
1108712	6/4/2015	Planned Outage	136.4	2	68.2
1108713	6/4/2015	Planned Outage	5566.65	111	50.15
1108722	6/4/2015	Planned Outage	193.4	6	32.23
1108727	6/4/2015	Planned Outage	89.23	1	89.23
1108735	6/4/2015	Planned Outage	49.6	1	49.6
1108742	6/4/2015	Planned Outage	902.5	10	90.25
1108854	6/5/2015	Planned Outage	243	3	81
1108862	6/5/2015	Planned Outage	51.52	1	51.52
1108878	6/5/2015	Planned Outage	616.08	5	123.22
1108880	6/5/2015	Planned Outage	115.55	1	115.55
1108884	6/5/2015	Planned Outage	235.4	3	78.47
1108887	6/5/2015	Planned Outage	869.52	7	124.22
1108889	6/5/2015	Planned Outage	52.35	1	52.35
1108893	6/5/2015	Planned Outage	546.5	5	109.3

Appendix 1

2015 Planned Outages Table

1108899	6/5/2015	Planned Outage	827.73	4	206.93
1108900	6/5/2015	Planned Outage	476	3	158.67
1108902	6/5/2015	Planned Outage	334.77	22	15.22
1108910	6/5/2015	Planned Outage	127.3	6	21.22
1108919	6/5/2015	Planned Outage	54.65	1	54.65
1108920	6/5/2015	Planned Outage	29.3	1	29.3
1108922	6/5/2015	Planned Outage	100.87	1	100.87
1108923	6/5/2015	Planned Outage	26.7	1	26.7
1108928	6/5/2015	Planned Outage	3.98	1	3.98
1108971	6/5/2015	Planned Outage	51.18	1	51.18
1108982	6/5/2015	Planned Outage	68.6	1	68.6
1109030	6/5/2015	Planned Outage	1575.35	21	75.02
1109039	6/5/2015	Planned Outage	12.08	1	12.08
1109096	6/6/2015	Planned Outage	19.85	1	19.85
1109184	6/6/2015	Planned Outage	51.83	2	25.92
1109216	6/6/2015	Planned Outage	8.35	1	8.35
1109363	6/8/2015	Planned Outage	36.17	7	5.17
1109373	6/8/2015	Planned Outage	145.35	3	48.45
1109374	6/8/2015	Planned Outage	22.9	1	22.9
1109377	6/8/2015	Planned Outage	715.5	10	71.55
1109384	6/8/2015	Planned Outage	84.7	3	28.23
1109386	6/8/2015	Planned Outage	1358.33	10	135.83
1109387	6/8/2015	Planned Outage	268.15	3	89.38
1109389	6/8/2015	Planned Outage	408.5	2	204.25
1109394	6/8/2015	Planned Outage	56.92	5	11.38
1109397	6/8/2015	Planned Outage	554	4	138.5
1109417	6/8/2015	Planned Outage	46.17	5	9.23
1109418	6/8/2015	Planned Outage	55.43	1	55.43
1109427	6/8/2015	Planned Outage	76.3	2	38.15
1109428	6/8/2015	Planned Outage	403.33	8	50.42
1109429	6/8/2015	Planned Outage	151.9	3	50.63
1109431	6/8/2015	Planned Outage	63.48	1	63.48
1109433	6/8/2015	Planned Outage	13.72	1	13.72
1109434	6/8/2015	Planned Outage	103.58	5	20.72
1109441	6/8/2015	Planned Outage	82.87	1	82.87
1109444	6/8/2015	Planned Outage	181.97	2	90.98
1109447	6/8/2015	Planned Outage	18.57	1	18.57
1109449	6/8/2015	Planned Outage	184.7	6	30.78
1109455	6/8/2015	Planned Outage	158.47	1	158.47
1109458	6/8/2015	Planned Outage	368.6	3	122.87
1109459	6/8/2015	Planned Outage	268	2	134
1109461	6/8/2015	Planned Outage	615.67	4	153.92
1109502	6/9/2015	Planned Outage	963.3	26	37.05
1109506	6/9/2015	Planned Outage	91.9	2	45.95
1109508	6/9/2015	Planned Outage	23.08	1	23.08
1109510	6/9/2015	Planned Outage	22.82	1	22.82
1109511	6/9/2015	Planned Outage	118.37	1	118.37
1109514	6/9/2015	Planned Outage	16595.02	103	161.12
1109520	6/9/2015	Planned Outage	8.2	1	8.2

Appendix 1

2015 Planned Outages Table

1109522	6/9/2015	Planned Outage	5.05	1	5.05
1109546	6/9/2015	Planned Outage	107.6	3	35.87
1109549	6/9/2015	Planned Outage	88.13	2	44.07
1109551	6/9/2015	Planned Outage	49.15	1	49.15
1109556	6/9/2015	Planned Outage	948.8	4	237.2
1109559	6/9/2015	Planned Outage	76.3	2	38.15
1109586	6/9/2015	Planned Outage	67.05	3	22.35
1109600	6/9/2015	Planned Outage	152.75	3	50.92
1109606	6/9/2015	Planned Outage	499.33	4	124.83
1109609	6/9/2015	Planned Outage	205.67	5	41.13
1109613	6/9/2015	Planned Outage	73.88	1	73.88
1109616	6/9/2015	Planned Outage	225.08	5	45.02
1109619	6/9/2015	Planned Outage	299.2	3	99.73
1109636	6/9/2015	Planned Outage	403.87	4	100.97
1109638	6/9/2015	Planned Outage	208.8	3	69.6
1109645	6/9/2015	Planned Outage	102.47	2	51.23
1109756	6/10/2015	Planned Outage	6.57	1	6.57
1109757	6/10/2015	Planned Outage	35.63	2	17.82
1109767	6/10/2015	Planned Outage	25.95	1	25.95
1109769	6/10/2015	Planned Outage	190.3	2	95.15
1109770	6/10/2015	Planned Outage	7.78	1	7.78
1109774	6/10/2015	Planned Outage	83.68	1	83.68
1109775	6/10/2015	Planned Outage	60.1	3	20.03
1109776	6/10/2015	Planned Outage	137	3	45.67
1109785	6/10/2015	Planned Outage	957.55	11	87.05
1109787	6/10/2015	Planned Outage	18.07	1	18.07
1109789	6/10/2015	Planned Outage	1007.55	3	335.85
1109790	6/10/2015	Planned Outage	16.68	1	16.68
1109791	6/10/2015	Planned Outage	777.6	4	194.4
1109792	6/10/2015	Planned Outage	3472.7	77	45.1
1109794	6/10/2015	Planned Outage	173.75	5	34.75
1109798	6/10/2015	Planned Outage	6.53	1	6.53
1109799	6/10/2015	Planned Outage	57.87	1	57.87
1109806	6/10/2015	Planned Outage	29.15	1	29.15
1109812	6/10/2015	Planned Outage	12	6	2
1109814	6/10/2015	Planned Outage	98.75	5	19.75
1109815	6/10/2015	Planned Outage	35	6	5.83
1109824	6/10/2015	Planned Outage	117.43	1	117.43
1109826	6/10/2015	Planned Outage	84.13	4	21.03
1109840	6/10/2015	Planned Outage	74.3	1	74.3
1109841	6/10/2015	Planned Outage	3921.87	77	50.93
1109858	6/10/2015	Planned Outage	933.92	7	133.42
1109861	6/10/2015	Planned Outage	43.08	1	43.08
1109948	6/11/2015	Planned Outage	389.43	7	55.63
1109950	6/11/2015	Planned Outage	196.27	16	12.27
1109971	6/11/2015	Planned Outage	268.05	9	29.78
1109990	6/11/2015	Planned Outage	82	5	16.4
1110013	6/11/2015	Planned Outage	16.13	1	16.13
1110053	6/11/2015	Planned Outage	395.13	4	98.78

Appendix 1

2015 Planned Outages Table

1110076	6/11/2015	Planned Outage	59.48	1	59.48
1110084	6/11/2015	Planned Outage	19.82	1	19.82
1110087	6/11/2015	Planned Outage	4202.92	77	54.58
1110109	6/12/2015	Planned Outage	2292.27	28	81.87
1110250	6/12/2015	Planned Outage	541.92	7	77.42
1110255	6/12/2015	Planned Outage	11.55	1	11.55
1110268	6/12/2015	Planned Outage	1749.6	9	194.4
1110273	6/12/2015	Planned Outage	525.67	20	26.28
1110274	6/12/2015	Planned Outage	742.82	7	106.12
1110275	6/12/2015	Planned Outage	210.63	2	105.32
1110276	6/12/2015	Planned Outage	60.28	1	60.28
1110280	6/12/2015	Planned Outage	1089.33	5	217.87
1110283	6/12/2015	Planned Outage	242.92	11	22.08
1110285	6/12/2015	Planned Outage	66.35	1	66.35
1110288	6/12/2015	Planned Outage	14.73	1	14.73
1110297	6/12/2015	Planned Outage	21.47	2	10.73
1110306	6/12/2015	Planned Outage	45.73	4	11.43
1110310	6/12/2015	Planned Outage	48.73	4	12.18
1110314	6/12/2015	Planned Outage	30.72	1	30.72
1110320	6/12/2015	Planned Outage	17.77	1	17.77
1110337	6/12/2015	Planned Outage	7	3	2.33
1110341	6/12/2015	Planned Outage	100.3	3	33.43
1110475	6/13/2015	Planned Outage	76.95	1	76.95
1111025	6/14/2015	Planned Outage	42.1	1	42.1
1111062	6/14/2015	Planned Outage	140.7	6	23.45
1111092	6/15/2015	Planned Outage	128.57	1	128.57
1111093	6/15/2015	Planned Outage	117.38	1	117.38
1111094	6/15/2015	Planned Outage	253.75	1	253.75
1111096	6/15/2015	Planned Outage	33.8	3	11.27
1111097	6/15/2015	Planned Outage	564	1	564
1111098	6/15/2015	Planned Outage	319	3	106.33
1111100	6/15/2015	Planned Outage	103.35	1	103.35
1111101	6/15/2015	Planned Outage	66.85	1	66.85
1111103	6/15/2015	Planned Outage	52.5	6	8.75
1111106	6/15/2015	Planned Outage	23.5	3	7.83
1111107	6/15/2015	Planned Outage	140.4	6	23.4
1111110	6/15/2015	Planned Outage	28.92	1	28.92
1111118	6/15/2015	Planned Outage	76.87	4	19.22
1111121	6/15/2015	Planned Outage	64.3	6	10.72
1111122	6/15/2015	Planned Outage	57.4	6	9.57
1111123	6/15/2015	Planned Outage	50	6	8.33
1111124	6/15/2015	Planned Outage	39	5	7.8
1111127	6/15/2015	Planned Outage	412.93	1	412.93
1111130	6/15/2015	Planned Outage	13.43	1	13.43
1111134	6/15/2015	Planned Outage	155.48	1	155.48
1111135	6/15/2015	Planned Outage	27.9	1	27.9
1111138	6/15/2015	Planned Outage	151.17	2	75.58
1111148	6/15/2015	Planned Outage	17.75	3	5.92
1111150	6/15/2015	Planned Outage	53.2	7	7.6

Appendix 1

2015 Planned Outages Table

1111151	6/15/2015	Planned Outage	35.17	5	7.03
1111164	6/15/2015	Planned Outage	937.4	6	156.23
1111166	6/15/2015	Planned Outage	74.05	1	74.05
1111182	6/15/2015	Planned Outage	746.17	5	149.23
1111228	6/15/2015	Planned Outage	69.65	1	69.65
1111229	6/15/2015	Planned Outage	68.98	1	68.98
1111258	6/15/2015	Planned Outage	191.17	10	19.12
1111290	6/16/2015	Planned Outage	472.7	6	78.78
1111291	6/16/2015	Planned Outage	18.22	1	18.22
1111293	6/16/2015	Planned Outage	35.27	1	35.27
1111294	6/16/2015	Planned Outage	577.07	4	144.27
1111296	6/16/2015	Planned Outage	13.7	1	13.7
1111297	6/16/2015	Planned Outage	19.05	1	19.05
1111298	6/16/2015	Planned Outage	175.47	1	175.47
1111300	6/16/2015	Planned Outage	133.87	4	33.47
1111301	6/16/2015	Planned Outage	53.55	3	17.85
1111302	6/16/2015	Planned Outage	64.68	1	64.68
1111304	6/16/2015	Planned Outage	82.45	1	82.45
1111305	6/16/2015	Planned Outage	112.43	1	112.43
1111306	6/16/2015	Planned Outage	86.07	4	21.52
1111307	6/16/2015	Planned Outage	67.97	2	33.98
1111309	6/16/2015	Planned Outage	34.78	1	34.78
1111312	6/16/2015	Planned Outage	173.53	2	86.77
1111317	6/16/2015	Planned Outage	3.22	1	3.22
1111319	6/16/2015	Planned Outage	1018.97	22	46.32
1111327	6/16/2015	Planned Outage	172.18	1	172.18
1111329	6/16/2015	Planned Outage	180.47	4	45.12
1111332	6/16/2015	Planned Outage	55.67	4	13.92
1111348	6/16/2015	Planned Outage	470	5	94
1111350	6/16/2015	Planned Outage	38.07	1	38.07
1111355	6/16/2015	Planned Outage	71.3	6	11.88
1111358	6/16/2015	Planned Outage	516.08	5	103.22
1111368	6/16/2015	Planned Outage	7552	128	59
1111371	6/16/2015	Planned Outage	118	2	59
1111372	6/17/2015	Planned Outage	5931.42	109	54.42
1111418	6/17/2015	Planned Outage	222.6	3	74.2
1111427	6/17/2015	Planned Outage	123.43	7	17.63
1111430	6/17/2015	Planned Outage	59.7	3	19.9
1111437	6/17/2015	Planned Outage	187.25	1	187.25
1111438	6/17/2015	Planned Outage	11.33	4	2.83
1111440	6/17/2015	Planned Outage	46.2	3	15.4
1111454	6/17/2015	Planned Outage	467.47	4	116.87
1111457	6/17/2015	Planned Outage	250	5	50
1111458	6/17/2015	Planned Outage	103.8	2	51.9
1111460	6/17/2015	Planned Outage	7.13	2	3.57
1111473	6/17/2015	Planned Outage	102.23	1	102.23
1111478	6/17/2015	Planned Outage	2959.83	35	84.57
1111482	6/17/2015	Planned Outage	323.5	10	32.35
1111483	6/17/2015	Planned Outage	214.5	2	107.25

Appendix 1

2015 Planned Outages Table

1111487	6/17/2015	Planned Outage	253.33	32	7.92
1111492	6/17/2015	Planned Outage	354	2	177
1111499	6/17/2015	Planned Outage	375	25	15
1111501	6/17/2015	Planned Outage	7.6	1	7.6
1111502	6/17/2015	Planned Outage	7.4	1	7.4
1111503	6/17/2015	Planned Outage	29.5	3	9.83
1111504	6/17/2015	Planned Outage	381.33	1	381.33
1111523	6/17/2015	Planned Outage	537.43	46	11.68
1111527	6/17/2015	Planned Outage	64.92	1	64.92
1111528	6/17/2015	Planned Outage	388.4	3	129.47
1111569	6/17/2015	Planned Outage	8.35	1	8.35
1111630	6/18/2015	Planned Outage	588.93	7	84.13
1111637	6/18/2015	Planned Outage	4824.25	23	209.75
1111638	6/18/2015	Planned Outage	9.18	1	9.18
1111640	6/18/2015	Planned Outage	116.9	1	116.9
1111650	6/18/2015	Planned Outage	985.6	3	328.53
1111663	6/18/2015	Planned Outage	233.33	8	29.17
1111664	6/18/2015	Planned Outage	741.95	11	67.45
1111680	6/18/2015	Planned Outage	3030.3	14	216.45
1111687	6/18/2015	Planned Outage	22	5	4.4
1111729	6/18/2015	Planned Outage	27.08	5	5.42
1111730	6/18/2015	Planned Outage	15.5	6	2.58
1111733	6/18/2015	Planned Outage	36.98	1	36.98
1111773	6/19/2015	Planned Outage	20	1	20
1111794	6/19/2015	Planned Outage	246.7	2	123.35
1111795	6/19/2015	Planned Outage	258.57	2	129.28
1111808	6/19/2015	Planned Outage	98.3	3	32.77
1111809	6/19/2015	Planned Outage	522.17	5	104.43
1111810	6/19/2015	Planned Outage	53.1	1	53.1
1111816	6/19/2015	Planned Outage	23.18	1	23.18
1111818	6/19/2015	Planned Outage	35.92	5	7.18
1111821	6/19/2015	Planned Outage	1170	9	130
1111822	6/19/2015	Planned Outage	75.97	2	37.98
1111825	6/19/2015	Planned Outage	29.53	4	7.38
1111827	6/19/2015	Planned Outage	405.95	3	135.32
1111828	6/19/2015	Planned Outage	116.27	8	14.53
1111830	6/19/2015	Planned Outage	70.87	2	35.43
1111839	6/19/2015	Planned Outage	340.77	2	170.38
1111843	6/19/2015	Planned Outage	46.93	1	46.93
1111850	6/19/2015	Planned Outage	52.3	1	52.3
1111856	6/19/2015	Planned Outage	22.62	1	22.62
1111857	6/19/2015	Planned Outage	23.85	1	23.85
1111858	6/19/2015	Planned Outage	58.45	3	19.48
1111859	6/19/2015	Planned Outage	61.37	2	30.68
1111864	6/19/2015	Planned Outage	8.58	1	8.58
1111865	6/19/2015	Planned Outage	172.78	7	24.68
1111866	6/19/2015	Planned Outage	11.2	1	11.2
1111930	6/20/2015	Planned Outage	58.3	3	19.43
1111942	6/20/2015	Planned Outage	221.67	5	44.33

Appendix 1

2015 Planned Outages Table

1112077	6/21/2015	Planned Outage	740.53	8	92.57
1112148	6/21/2015	Planned Outage	147.4	1	147.4
1112183	6/22/2015	Planned Outage	702	3	234
1112184	6/22/2015	Planned Outage	24.32	1	24.32
1112188	6/22/2015	Planned Outage	2617.2	24	109.05
1112190	6/22/2015	Planned Outage	112.48	1	112.48
1112193	6/22/2015	Planned Outage	103.78	1	103.78
1112194	6/22/2015	Planned Outage	8.92	1	8.92
1112201	6/22/2015	Planned Outage	37.75	1	37.75
1112203	6/22/2015	Planned Outage	4256	70	60.8
1112206	6/22/2015	Planned Outage	40.27	2	20.13
1112212	6/22/2015	Planned Outage	13.9	1	13.9
1112215	6/22/2015	Planned Outage	5.8	1	5.8
1112216	6/22/2015	Planned Outage	704.8	12	58.73
1112227	6/22/2015	Planned Outage	41152.93	116	354.77
1112229	6/22/2015	Planned Outage	82.57	1	82.57
1112231	6/22/2015	Planned Outage	324	3	108
1112232	6/22/2015	Planned Outage	976.5	70	13.95
1112234	6/22/2015	Planned Outage	110.8	4	27.7
1112241	6/22/2015	Planned Outage	7.3	3	2.43
1112242	6/22/2015	Planned Outage	15.92	5	3.18
1112249	6/22/2015	Planned Outage	141.52	7	20.22
1112259	6/22/2015	Planned Outage	223.17	2	111.58
1112262	6/22/2015	Planned Outage	486.33	5	97.27
1112310	6/23/2015	Planned Outage	1080.5	6	180.08
1112311	6/23/2015	Planned Outage	278.95	7	39.85
1112312	6/23/2015	Planned Outage	658	2	329
1112313	6/23/2015	Planned Outage	54.1	1	54.1
1112315	6/23/2015	Planned Outage	48.05	1	48.05
1112319	6/23/2015	Planned Outage	2	1	2
1112320	6/23/2015	Planned Outage	82832.97	299	277.03
1112326	6/23/2015	Planned Outage	16.57	2	8.28
1112331	6/23/2015	Planned Outage	133.13	4	33.28
1112333	6/23/2015	Planned Outage	2471.55	9	274.62
1112335	6/23/2015	Planned Outage	93.67	1	93.67
1112337	6/23/2015	Planned Outage	308	11	28
1112340	6/23/2015	Planned Outage	42.53	2	21.27
1112341	6/23/2015	Planned Outage	2220.12	31	71.62
1112342	6/23/2015	Planned Outage	396.8	4	99.2
1112343	6/23/2015	Planned Outage	16.98	1	16.98
1112344	6/23/2015	Planned Outage	327.25	5	65.45
1112345	6/23/2015	Planned Outage	641.4	3	213.8
1112346	6/23/2015	Planned Outage	533.1	9	59.23
1112348	6/23/2015	Planned Outage	4366.17	46	94.92
1112349	6/23/2015	Planned Outage	8.75	1	8.75
1112350	6/23/2015	Planned Outage	57.07	8	7.13
1112363	6/23/2015	Planned Outage	77.8	3	25.93
1112367	6/23/2015	Planned Outage	61.67	1	61.67
1112368	6/23/2015	Planned Outage	29.25	3	9.75

Appendix 1

2015 Planned Outages Table

1112369	6/23/2015	Planned Outage	32.17	1	32.17
1112374	6/23/2015	Planned Outage	216.9	2	108.45
1112377	6/23/2015	Planned Outage	172.1	3	57.37
1112392	6/23/2015	Planned Outage	1467.05	39	37.62
1112422	6/23/2015	Planned Outage	22.68	1	22.68
1112557	6/23/2015	Planned Outage	203.05	3	67.68
1112653	6/24/2015	Planned Outage	907.8	12	75.65
1112656	6/24/2015	Planned Outage	36.18	1	36.18
1112669	6/24/2015	Planned Outage	125	1	125
1112670	6/24/2015	Planned Outage	246.93	4	61.73
1112679	6/24/2015	Planned Outage	56.77	1	56.77
1112693	6/24/2015	Planned Outage	25.6	8	3.2
1112712	6/24/2015	Planned Outage	40.28	1	40.28
1112715	6/24/2015	Planned Outage	395.1	3	131.7
1112723	6/24/2015	Planned Outage	89.05	1	89.05
1112725	6/24/2015	Planned Outage	760.6	6	126.77
1112744	6/24/2015	Planned Outage	295.25	3	98.42
1112766	6/25/2015	Planned Outage	468.1	6	78.02
1112778	6/25/2015	Planned Outage	1322.65	7	188.95
1112780	6/25/2015	Planned Outage	53.87	1	53.87
1112785	6/25/2015	Planned Outage	83.4	3	27.8
1112786	6/25/2015	Planned Outage	238	2	119
1112789	6/25/2015	Planned Outage	16.4	1	16.4
1112790	6/25/2015	Planned Outage	47.55	3	15.85
1112791	6/25/2015	Planned Outage	15.28	1	15.28
1112796	6/25/2015	Planned Outage	378.45	9	42.05
1112797	6/25/2015	Planned Outage	16.95	1	16.95
1112798	6/25/2015	Planned Outage	4658.35	151	30.85
1112804	6/25/2015	Planned Outage	424	4	106
1112805	6/25/2015	Planned Outage	385.07	4	96.27
1112806	6/25/2015	Planned Outage	288.33	4	72.08
1112809	6/25/2015	Planned Outage	673.7	6	112.28
1112810	6/25/2015	Planned Outage	823.37	2	411.68
1112812	6/25/2015	Planned Outage	109.15	1	109.15
1112815	6/25/2015	Planned Outage	1107.07	8	138.38
1112816	6/25/2015	Planned Outage	20.15	1	20.15
1112819	6/25/2015	Planned Outage	56.03	1	56.03
1112821	6/25/2015	Planned Outage	12.48	1	12.48
1112835	6/25/2015	Planned Outage	51.95	3	17.32
1112841	6/25/2015	Planned Outage	129.97	2	64.98
1112845	6/25/2015	Planned Outage	13.93	1	13.93
1112846	6/25/2015	Planned Outage	12.9	1	12.9
1112849	6/25/2015	Planned Outage	58.1	1	58.1
1112850	6/25/2015	Planned Outage	36.55	1	36.55
1112852	6/25/2015	Planned Outage	337.7	22	15.35
1112857	6/25/2015	Planned Outage	17.65	1	17.65
1112866	6/25/2015	Planned Outage	168.63	2	84.32
1112867	6/25/2015	Planned Outage	118.8	72	1.65
1112870	6/25/2015	Planned Outage	1.98	1	1.98

Appendix 1

2015 Planned Outages Table

1112871	6/25/2015	Planned Outage	1.82	1	1.82
1112895	6/26/2015	Planned Outage	20086.67	2300	8.73
1112901	6/26/2015	Planned Outage	10872.55	39	278.78
1112965	6/26/2015	Planned Outage	11505	2301	5
1112979	6/26/2015	Planned Outage	216.5	5	43.3
1113022	6/26/2015	Planned Outage	23.17	2	11.58
1113024	6/26/2015	Planned Outage	44.13	8	5.52
1113026	6/26/2015	Planned Outage	94	4	23.5
1113042	6/26/2015	Planned Outage	723.9	19	38.1
1113045	6/26/2015	Planned Outage	26.82	1	26.82
1113050	6/26/2015	Planned Outage	24.9	3	8.3
1113052	6/26/2015	Planned Outage	46.65	3	15.55
1113053	6/26/2015	Planned Outage	17.93	2	8.97
1113057	6/26/2015	Planned Outage	30.03	1	30.03
1113059	6/26/2015	Planned Outage	48.02	1	48.02
1113061	6/26/2015	Planned Outage	216.63	2	108.32
1113068	6/26/2015	Planned Outage	384.7	6	64.12
1113069	6/26/2015	Planned Outage	39.43	2	19.72
1113086	6/26/2015	Planned Outage	39.6	1	39.6
1113331	6/27/2015	Planned Outage	18.87	1	18.87
1113625	6/28/2015	Planned Outage	665.87	16	41.62
1113650	6/28/2015	Planned Outage	39.07	1	39.07
1113666	6/28/2015	Planned Outage	195.4	4	48.85
1113669	6/28/2015	Planned Outage	43.8	1	43.8
1113670	6/28/2015	Planned Outage	251.1	9	27.9
1113706	6/29/2015	Planned Outage	75.6	9	8.4
1113708	6/29/2015	Planned Outage	67.12	1	67.12
1113710	6/29/2015	Planned Outage	27.75	1	27.75
1113711	6/29/2015	Planned Outage	107.8	4	26.95
1113714	6/29/2015	Planned Outage	740.55	3	246.85
1113717	6/29/2015	Planned Outage	61.38	1	61.38
1113719	6/29/2015	Planned Outage	656.5	10	65.65
1113722	6/29/2015	Planned Outage	1263.82	13	97.22
1113725	6/29/2015	Planned Outage	20.35	3	6.78
1113729	6/29/2015	Planned Outage	39.63	2	19.82
1113730	6/29/2015	Planned Outage	23.6	4	5.9
1113731	6/29/2015	Planned Outage	306.6	7	43.8
1113734	6/29/2015	Planned Outage	987.67	4	246.92
1113735	6/29/2015	Planned Outage	47.73	2	23.87
1113738	6/29/2015	Planned Outage	118.98	1	118.98
1113743	6/29/2015	Planned Outage	572.4	8	71.55
1113753	6/29/2015	Planned Outage	130.1	2	65.05
1113763	6/29/2015	Planned Outage	37.6	2	18.8
1113764	6/29/2015	Planned Outage	166.2	9	18.47
1113766	6/29/2015	Planned Outage	40.27	4	10.07
1113769	6/29/2015	Planned Outage	865.43	7	123.63
1113780	6/29/2015	Planned Outage	550.53	4	137.63
1113797	6/29/2015	Planned Outage	74	3	24.67
1113818	6/30/2015	Planned Outage	37.73	8	4.72

Appendix 1

2015 Planned Outages Table

1113827	6/30/2015	Planned Outage	781.9	6	130.32
1113829	6/30/2015	Planned Outage	92.2	3	30.73
1113835	6/30/2015	Planned Outage	71.87	11	6.53
1113836	6/30/2015	Planned Outage	54.18	1	54.18
1113837	6/30/2015	Planned Outage	51.9	1	51.9
1113842	6/30/2015	Planned Outage	320.02	13	24.62
1113843	6/30/2015	Planned Outage	106.1	3	35.37
1113844	6/30/2015	Planned Outage	5.33	1	5.33
1113851	6/30/2015	Planned Outage	357.33	5	71.47
1113862	6/30/2015	Planned Outage	99.1	2	49.55
1113867	6/30/2015	Planned Outage	1240.53	8	155.07
1113876	6/30/2015	Planned Outage	290	2	145
1113878	6/30/2015	Planned Outage	114.33	2	57.17
1113900	6/30/2015	Planned Outage	63.07	4	15.77
1113903	6/30/2015	Planned Outage	98.52	1	98.52
1114861	6/30/2015	Planned Outage	124.73	4	31.18
1114968	6/30/2015	Planned Outage	173	5	34.6
1114985	6/30/2015	Planned Outage	48.75	5	9.75
1114992	7/1/2015	Planned Outage	23.7	6	3.95
1115034	7/1/2015	Planned Outage	308.8	8	38.6
1115050	7/1/2015	Planned Outage	215.95	7	30.85
1115053	7/1/2015	Planned Outage	193.6	2	96.8
1115054	7/1/2015	Planned Outage	5580.17	70	79.72
1115056	7/1/2015	Planned Outage	1690	26	65
1115057	7/1/2015	Planned Outage	14.82	1	14.82
1115060	7/1/2015	Planned Outage	28.67	4	7.17
1115062	7/1/2015	Planned Outage	123.28	1	123.28
1115063	7/1/2015	Planned Outage	173.25	1	173.25
1115070	7/1/2015	Planned Outage	84.1	1	84.1
1115082	7/1/2015	Planned Outage	64.7	3	21.57
1115101	7/1/2015	Planned Outage	9.83	1	9.83
1115102	7/1/2015	Planned Outage	8.83	1	8.83
1115103	7/1/2015	Planned Outage	18.25	3	6.08
1115116	7/1/2015	Planned Outage	23.45	1	23.45
1115125	7/1/2015	Planned Outage	1990	25	79.6
1115129	7/1/2015	Planned Outage	162.13	8	20.27
1115141	7/1/2015	Planned Outage	130.27	4	32.57
1115151	7/1/2015	Planned Outage	37.9	1	37.9
1115157	7/1/2015	Planned Outage	141.3	3	47.1
1115184	7/1/2015	Planned Outage	12.47	4	3.12
1115225	7/1/2015	Planned Outage	28.83	5	5.77
1115226	7/1/2015	Planned Outage	80.67	1	80.67
1115249	7/2/2015	Planned Outage	61.85	3	20.62
1115254	7/2/2015	Planned Outage	31	31	1
1115255	7/2/2015	Planned Outage	30.05	1	30.05
1115257	7/2/2015	Planned Outage	94.12	1	94.12
1115258	7/2/2015	Planned Outage	914.87	4	228.72
1115259	7/2/2015	Planned Outage	432.58	5	86.52
1115260	7/2/2015	Planned Outage	86.4	1	86.4

Appendix 1

2015 Planned Outages Table

1115262	7/2/2015	Planned Outage	283.4	4	70.85
1115264	7/2/2015	Planned Outage	216.85	3	72.28
1115265	7/2/2015	Planned Outage	72.12	1	72.12
1115268	7/2/2015	Planned Outage	326.25	5	65.25
1115274	7/2/2015	Planned Outage	495	9	55
1115278	7/2/2015	Planned Outage	310.3	107	2.9
1115309	7/2/2015	Planned Outage	55.83	1	55.83
1115310	7/2/2015	Planned Outage	8	8	1
1115317	7/2/2015	Planned Outage	201.6	3	67.2
1115323	7/2/2015	Planned Outage	91.23	2	45.62
1115334	7/2/2015	Planned Outage	146.77	7	20.97
1115337	7/2/2015	Planned Outage	19.63	1	19.63
1115340	7/2/2015	Planned Outage	8	1	8
1115341	7/2/2015	Planned Outage	39.17	1	39.17
1115369	7/2/2015	Planned Outage	50.25	1	50.25
1115387	7/2/2015	Planned Outage	46.53	1	46.53
1115400	7/2/2015	Planned Outage	12.12	1	12.12
1115407	7/2/2015	Planned Outage	4830	115	42
1115423	7/3/2015	Planned Outage	85.93	2	42.97
1115502	7/3/2015	Planned Outage	24.9	1	24.9
1115596	7/4/2015	Planned Outage	92.47	2	46.23
1115706	7/4/2015	Planned Outage	535.83	5	107.17
1115707	7/4/2015	Planned Outage	213.3	2	106.65
1115757	7/5/2015	Planned Outage	80.67	2	40.33
1116006	7/6/2015	Planned Outage	19.47	1	19.47
1116008	7/6/2015	Planned Outage	73.58	1	73.58
1116016	7/6/2015	Planned Outage	53.73	2	26.87
1116018	7/6/2015	Planned Outage	156.75	3	52.25
1116019	7/6/2015	Planned Outage	132.1	2	66.05
1116020	7/6/2015	Planned Outage	1113.4	6	185.57
1116023	7/6/2015	Planned Outage	92.63	1	92.63
1116024	7/6/2015	Planned Outage	374.47	4	93.62
1116032	7/6/2015	Planned Outage	178.55	1	178.55
1116033	7/6/2015	Planned Outage	53.35	1	53.35
1116046	7/6/2015	Planned Outage	27.1	2	13.55
1116051	7/6/2015	Planned Outage	2.07	1	2.07
1116062	7/6/2015	Planned Outage	85.2	2	42.6
1116067	7/6/2015	Planned Outage	980	6	163.33
1116077	7/6/2015	Planned Outage	26.38	1	26.38
1116079	7/6/2015	Planned Outage	46.82	1	46.82
1116080	7/6/2015	Planned Outage	40.4	2	20.2
1116120	7/6/2015	Planned Outage	95.73	8	11.97
1116132	7/6/2015	Planned Outage	8.27	1	8.27
1116168	7/6/2015	Planned Outage	14.7	1	14.7
1116203	7/7/2015	Planned Outage	11.57	1	11.57
1116204	7/7/2015	Planned Outage	13.08	1	13.08
1116205	7/7/2015	Planned Outage	124.17	2	62.08
1116207	7/7/2015	Planned Outage	106.9	2	53.45
1116209	7/7/2015	Planned Outage	1094.45	7	156.35

Appendix 1

2015 Planned Outages Table

1116210	7/7/2015	Planned Outage	155.6	1	155.6
1116213	7/7/2015	Planned Outage	59.47	1	59.47
1116214	7/7/2015	Planned Outage	353.73	4	88.43
1116215	7/7/2015	Planned Outage	56.03	2	28.02
1116216	7/7/2015	Planned Outage	74.7	6	12.45
1116218	7/7/2015	Planned Outage	615.7	6	102.62
1116220	7/7/2015	Planned Outage	193.58	5	38.72
1116221	7/7/2015	Planned Outage	270.43	7	38.63
1116227	7/7/2015	Planned Outage	277.2	7	39.6
1116261	7/7/2015	Planned Outage	41.77	2	20.88
1116264	7/7/2015	Planned Outage	62.82	1	62.82
1116266	7/7/2015	Planned Outage	10.62	1	10.62
1116269	7/7/2015	Planned Outage	53.18	1	53.18
1116275	7/7/2015	Planned Outage	127.97	1	127.97
1116276	7/7/2015	Planned Outage	75.93	4	18.98
1116287	7/7/2015	Planned Outage	156	4	39
1116290	7/7/2015	Planned Outage	78.17	5	15.63
1116301	7/7/2015	Planned Outage	160.45	3	53.48
1116306	7/7/2015	Planned Outage	23.63	1	23.63
1116310	7/7/2015	Planned Outage	95.57	1	95.57
1116328	7/8/2015	Planned Outage	4336.5	90	48.18
1116339	7/8/2015	Planned Outage	971.35	3	323.78
1116355	7/8/2015	Planned Outage	188.72	1	188.72
1116356	7/8/2015	Planned Outage	467.1	6	77.85
1116358	7/8/2015	Planned Outage	171.95	1	171.95
1116362	7/8/2015	Planned Outage	118.83	2	59.42
1116363	7/8/2015	Planned Outage	12.1	1	12.1
1116364	7/8/2015	Planned Outage	17778.6	108	164.62
1116365	7/8/2015	Planned Outage	164.13	1	164.13
1116366	7/8/2015	Planned Outage	163.8	1	163.8
1116369	7/8/2015	Planned Outage	3335.43	94	35.48
1116373	7/8/2015	Planned Outage	274.22	1	274.22
1116382	7/8/2015	Planned Outage	114.55	3	38.18
1116383	7/8/2015	Planned Outage	4448.4	198	22.47
1116398	7/8/2015	Planned Outage	52.67	4	13.17
1116402	7/8/2015	Planned Outage	51.93	1	51.93
1116404	7/8/2015	Planned Outage	296.03	83	3.57
1116407	7/8/2015	Planned Outage	597.48	11	54.32
1116410	7/8/2015	Planned Outage	77.3	6	12.88
1116411	7/8/2015	Planned Outage	17.93	1	17.93
1116414	7/8/2015	Planned Outage	1023.17	5	204.63
1116416	7/8/2015	Planned Outage	25.87	2	12.93
1116422	7/8/2015	Planned Outage	1748.4	31	56.4
1116430	7/8/2015	Planned Outage	55	20	2.75
1116440	7/8/2015	Planned Outage	15.68	1	15.68
1116446	7/8/2015	Planned Outage	43.08	1	43.08
1116447	7/8/2015	Planned Outage	43.52	1	43.52
1116448	7/8/2015	Planned Outage	986.67	5	197.33
1116457	7/8/2015	Planned Outage	86.47	4	21.62

Appendix 1

2015 Planned Outages Table

1116459	7/8/2015	Planned Outage	301.3	2	150.65
1116533	7/8/2015	Planned Outage	19.18	1	19.18
1116577	7/9/2015	Planned Outage	20.8	2	10.4
1116578	7/9/2015	Planned Outage	7.03	1	7.03
1116581	7/9/2015	Planned Outage	65.43	1	65.43
1116583	7/9/2015	Planned Outage	1674.17	10	167.42
1116586	7/9/2015	Planned Outage	1510.5	15	100.7
1116603	7/9/2015	Planned Outage	8.42	1	8.42
1116604	7/9/2015	Planned Outage	320.25	5	64.05
1116606	7/9/2015	Planned Outage	24.27	4	6.07
1116608	7/9/2015	Planned Outage	32.75	5	6.55
1116609	7/9/2015	Planned Outage	567.13	94	6.03
1116612	7/9/2015	Planned Outage	106.58	1	106.58
1116613	7/9/2015	Planned Outage	8.23	2	4.12
1116614	7/9/2015	Planned Outage	15.07	2	7.53
1116616	7/9/2015	Planned Outage	46	2	23
1116619	7/9/2015	Planned Outage	96.68	1	96.68
1116621	7/9/2015	Planned Outage	100.42	5	20.08
1116622	7/9/2015	Planned Outage	61.05	3	20.35
1116624	7/9/2015	Planned Outage	10.05	1	10.05
1116625	7/9/2015	Planned Outage	65.47	1	65.47
1116627	7/9/2015	Planned Outage	18.53	2	9.27
1116628	7/9/2015	Planned Outage	78.47	1	78.47
1116638	7/9/2015	Planned Outage	25.5	10	2.55
1116666	7/9/2015	Planned Outage	26.3	1	26.3
1116781	7/10/2015	Planned Outage	57.3	3	19.1
1116795	7/10/2015	Planned Outage	652.28	7	93.18
1116798	7/10/2015	Planned Outage	22.22	1	22.22
1116802	7/10/2015	Planned Outage	34.23	2	17.12
1116806	7/10/2015	Planned Outage	124.68	1	124.68
1116807	7/10/2015	Planned Outage	585.33	4	146.33
1116810	7/10/2015	Planned Outage	80.6	3	26.87
1116811	7/10/2015	Planned Outage	26.9	1	26.9
1116812	7/10/2015	Planned Outage	48.4	3	16.13
1116813	7/10/2015	Planned Outage	72.98	1	72.98
1116814	7/10/2015	Planned Outage	7.32	1	7.32
1116815	7/10/2015	Planned Outage	92	4	23
1116818	7/10/2015	Planned Outage	48.33	4	12.08
1116819	7/10/2015	Planned Outage	361.55	7	51.65
1116829	7/10/2015	Planned Outage	26	1	26
1116832	7/10/2015	Planned Outage	2001.67	25	80.07
1116839	7/10/2015	Planned Outage	8303	46	180.5
1116850	7/10/2015	Planned Outage	37.1	2	18.55
1116888	7/10/2015	Planned Outage	180	5	36
1116889	7/10/2015	Planned Outage	36.83	1	36.83
1116921	7/10/2015	Planned Outage	16.65	1	16.65
1116935	7/10/2015	Planned Outage	410.53	8	51.32
1117001	7/11/2015	Planned Outage	34.08	1	34.08
1117003	7/11/2015	Planned Outage	94.25	3	31.42

Appendix 1

2015 Planned Outages Table

1117004	7/11/2015	Planned Outage	4.07	2	2.03
1117020	7/11/2015	Planned Outage	17.53	2	8.77
1117792	7/12/2015	Planned Outage	204.07	4	51.02
1117819	7/12/2015	Planned Outage	103.85	3	34.62
1117821	7/13/2015	Planned Outage	1740	15	116
1117824	7/13/2015	Planned Outage	282.6	6	47.1
1117849	7/13/2015	Planned Outage	48.03	1	48.03
1117851	7/13/2015	Planned Outage	41.65	1	41.65
1117855	7/13/2015	Planned Outage	25189.75	255	98.78
1117865	7/13/2015	Planned Outage	209.73	4	52.43
1117866	7/13/2015	Planned Outage	106.77	2	53.38
1117876	7/13/2015	Planned Outage	15.32	1	15.32
1117881	7/13/2015	Planned Outage	16.93	1	16.93
1117883	7/13/2015	Planned Outage	10.23	1	10.23
1117890	7/13/2015	Planned Outage	119.08	1	119.08
1117892	7/13/2015	Planned Outage	131.78	1	131.78
1117924	7/13/2015	Planned Outage	78	1	78
1117947	7/13/2015	Planned Outage	15.7	1	15.7
1117965	7/13/2015	Planned Outage	3.15	3	1.05
1117968	7/13/2015	Planned Outage	15.5	1	15.5
1117985	7/13/2015	Planned Outage	847.25	15	56.48
1118006	7/14/2015	Planned Outage	95.73	1	95.73
1118007	7/14/2015	Planned Outage	93.77	1	93.77
1118008	7/14/2015	Planned Outage	430.25	5	86.05
1118009	7/14/2015	Planned Outage	297.07	4	74.27
1118012	7/14/2015	Planned Outage	565.42	5	113.08
1118021	7/14/2015	Planned Outage	303.87	2	151.93
1118023	7/14/2015	Planned Outage	181.1	1	181.1
1118024	7/14/2015	Planned Outage	83.25	1	83.25
1118029	7/14/2015	Planned Outage	113	1	113
1118030	7/14/2015	Planned Outage	4246.93	32	132.72
1118032	7/14/2015	Planned Outage	8.73	1	8.73
1118037	7/14/2015	Planned Outage	406	2	203
1118040	7/14/2015	Planned Outage	670.83	2	335.42
1118041	7/14/2015	Planned Outage	2244.5	10	224.45
1118043	7/14/2015	Planned Outage	665.58	7	95.08
1118046	7/14/2015	Planned Outage	1	1	1
1118047	7/14/2015	Planned Outage	35.08	1	35.08
1118048	7/14/2015	Planned Outage	25.33	1	25.33
1118052	7/14/2015	Planned Outage	235.42	5	47.08
1118069	7/14/2015	Planned Outage	21.7	1	21.7
1118073	7/14/2015	Planned Outage	13.53	1	13.53
1118100	7/14/2015	Planned Outage	6.45	1	6.45
1118124	7/14/2015	Planned Outage	24.98	1	24.98
1118168	7/15/2015	Planned Outage	346.53	2	173.27
1118169	7/15/2015	Planned Outage	882.1	6	147.02
1118170	7/15/2015	Planned Outage	93.93	4	23.48
1118181	7/15/2015	Planned Outage	67.8	4	16.95
1118205	7/15/2015	Planned Outage	27.85	3	9.28

Appendix 1

2015 Planned Outages Table

1118225	7/15/2015	Planned Outage	28.7	1	28.7
1118232	7/15/2015	Planned Outage	7.02	1	7.02
1118272	7/16/2015	Planned Outage	120.27	2	60.13
1118283	7/16/2015	Planned Outage	193.87	4	48.47
1118297	7/16/2015	Planned Outage	272	2	136
1118305	7/16/2015	Planned Outage	152.5	6	25.42
1118309	7/16/2015	Planned Outage	11.45	1	11.45
1118310	7/16/2015	Planned Outage	4	4	1
1118316	7/16/2015	Planned Outage	227.65	3	75.88
1118317	7/16/2015	Planned Outage	17.1	1	17.1
1118323	7/16/2015	Planned Outage	156.05	1	156.05
1118330	7/16/2015	Planned Outage	103.77	1	103.77
1118334	7/16/2015	Planned Outage	26.4	8	3.3
1118339	7/16/2015	Planned Outage	75.35	1	75.35
1118368	7/16/2015	Planned Outage	2.8	1	2.8
1118374	7/16/2015	Planned Outage	132.93	1	132.93
1118379	7/16/2015	Planned Outage	125.1	3	41.7
1118386	7/16/2015	Planned Outage	42.03	1	42.03
1118406	7/17/2015	Planned Outage	148.58	5	29.72
1118407	7/17/2015	Planned Outage	76.87	4	19.22
1118408	7/17/2015	Planned Outage	18.92	1	18.92
1118411	7/17/2015	Planned Outage	29.95	1	29.95
1118413	7/17/2015	Planned Outage	329	3	109.67
1118427	7/17/2015	Planned Outage	70.35	7	10.05
1118442	7/17/2015	Planned Outage	29.22	1	29.22
1118673	7/17/2015	Planned Outage	62.7	3	20.9
1118833	7/19/2015	Planned Outage	238.75	5	47.75
1119114	7/19/2015	Planned Outage	36.63	1	36.63
1119120	7/19/2015	Planned Outage	891	11	81
1119140	7/20/2015	Planned Outage	204.23	2	102.12
1119142	7/20/2015	Planned Outage	9.2	1	9.2
1119144	7/20/2015	Planned Outage	278.33	4	69.58
1119147	7/20/2015	Planned Outage	89.85	3	29.95
1119154	7/20/2015	Planned Outage	1222.02	19	64.32
1119159	7/20/2015	Planned Outage	20.08	1	20.08
1119160	7/20/2015	Planned Outage	21.03	2	10.52
1119161	7/20/2015	Planned Outage	123.77	2	61.88
1119164	7/20/2015	Planned Outage	485.92	5	97.18
1119171	7/20/2015	Planned Outage	202.3	6	33.72
1119190	7/20/2015	Planned Outage	50.83	1	50.83
1119215	7/20/2015	Planned Outage	55	4	13.75
1119231	7/20/2015	Planned Outage	425.7	6	70.95
1119238	7/20/2015	Planned Outage	315.33	8	39.42
1119248	7/20/2015	Planned Outage	4.2	1	4.2
1119290	7/21/2015	Planned Outage	22.72	1	22.72
1119291	7/21/2015	Planned Outage	5.37	1	5.37
1119298	7/21/2015	Planned Outage	31.4	1	31.4
1119299	7/21/2015	Planned Outage	562	3	187.33
1119300	7/21/2015	Planned Outage	253.53	4	63.38

Appendix 1

2015 Planned Outages Table

1119305	7/21/2015	Planned Outage	157.95	3	52.65
1119308	7/21/2015	Planned Outage	154.6	3	51.53
1119311	7/21/2015	Planned Outage	308.8	3	102.93
1119313	7/21/2015	Planned Outage	866.2	3	288.73
1119315	7/21/2015	Planned Outage	193.63	2	96.82
1119318	7/21/2015	Planned Outage	51.98	1	51.98
1119330	7/21/2015	Planned Outage	130.75	3	43.58
1119349	7/21/2015	Planned Outage	511.23	7	73.03
1119367	7/21/2015	Planned Outage	18.5	1	18.5
1119373	7/21/2015	Planned Outage	15.87	2	7.93
1119380	7/21/2015	Planned Outage	67.02	1	67.02
1119383	7/21/2015	Planned Outage	12	1	12
1119396	7/21/2015	Planned Outage	201.9	1	201.9
1119667	7/22/2015	Planned Outage	134.25	1	134.25
1119668	7/22/2015	Planned Outage	212.83	1	212.83
1119694	7/22/2015	Planned Outage	549.67	5	109.93
1119700	7/22/2015	Planned Outage	234.42	5	46.88
1119702	7/22/2015	Planned Outage	52.83	1	52.83
1119709	7/22/2015	Planned Outage	137.47	8	17.18
1119712	7/22/2015	Planned Outage	82.33	1	82.33
1119713	7/22/2015	Planned Outage	4095.58	49	83.58
1119717	7/22/2015	Planned Outage	170.05	1	170.05
1119752	7/22/2015	Planned Outage	30.15	1	30.15
1119754	7/22/2015	Planned Outage	93.6	4	23.4
1119758	7/22/2015	Planned Outage	88.72	1	88.72
1119764	7/22/2015	Planned Outage	82.9	3	27.63
1119817	7/22/2015	Planned Outage	261.95	3	87.32
1119843	7/22/2015	Planned Outage	25.87	1	25.87
1119848	7/22/2015	Planned Outage	360	8	45
1119887	7/23/2015	Planned Outage	2.45	1	2.45
1119891	7/23/2015	Planned Outage	207.35	13	15.95
1119892	7/23/2015	Planned Outage	1881.33	34	55.33
1119894	7/23/2015	Planned Outage	160.78	11	14.62
1119895	7/23/2015	Planned Outage	7605.78	137	55.52
1119906	7/23/2015	Planned Outage	63.93	4	15.98
1119909	7/23/2015	Planned Outage	529.1	6	88.18
1119913	7/23/2015	Planned Outage	506	5	101.2
1119915	7/23/2015	Planned Outage	123.73	4	30.93
1119916	7/23/2015	Planned Outage	19.77	1	19.77
1119920	7/23/2015	Planned Outage	103.8	6	17.3
1119924	7/23/2015	Planned Outage	3781.2	24	157.55
1119925	7/23/2015	Planned Outage	5738.85	39	147.15
1119926	7/23/2015	Planned Outage	27.15	3	9.05
1119927	7/23/2015	Planned Outage	8.3	1	8.3
1119928	7/23/2015	Planned Outage	166.52	1	166.52
1119933	7/23/2015	Planned Outage	121.67	5	24.33
1119961	7/23/2015	Planned Outage	16.5	1	16.5
1119967	7/23/2015	Planned Outage	33	4	8.25
1119971	7/23/2015	Planned Outage	101.53	1	101.53

Appendix 1

2015 Planned Outages Table

1119975	7/23/2015	Planned Outage	88.43	2	44.22
1119976	7/23/2015	Planned Outage	44.3	1	44.3
1120059	7/24/2015	Planned Outage	236.2	6	39.37
1120068	7/24/2015	Planned Outage	158.48	1	158.48
1120080	7/24/2015	Planned Outage	7.18	1	7.18
1120085	7/24/2015	Planned Outage	892.45	13	68.65
1120087	7/24/2015	Planned Outage	10.73	2	5.37
1120089	7/24/2015	Planned Outage	835.17	5	167.03
1120091	7/24/2015	Planned Outage	138.87	2	69.43
1120094	7/24/2015	Planned Outage	46.58	5	9.32
1120099	7/24/2015	Planned Outage	80.6	4	20.15
1120100	7/24/2015	Planned Outage	11.43	2	5.72
1120103	7/24/2015	Planned Outage	76.13	2	38.07
1120104	7/24/2015	Planned Outage	75.65	3	25.22
1120107	7/24/2015	Planned Outage	684.2	6	114.03
1120109	7/24/2015	Planned Outage	54.6	7	7.8
1120110	7/24/2015	Planned Outage	18.02	1	18.02
1120111	7/24/2015	Planned Outage	9.83	1	9.83
1120112	7/24/2015	Planned Outage	44.83	2	22.42
1120113	7/24/2015	Planned Outage	750.4	7	107.2
1120115	7/24/2015	Planned Outage	82	1	82
1120124	7/24/2015	Planned Outage	30.35	3	10.12
1120127	7/24/2015	Planned Outage	167.25	9	18.58
1120132	7/24/2015	Planned Outage	36.6	2	18.3
1120148	7/24/2015	Planned Outage	153.75	5	30.75
1120149	7/24/2015	Planned Outage	37.4	1	37.4
1120161	7/24/2015	Planned Outage	93.4	6	15.57
1120301	7/24/2015	Planned Outage	30.2	1	30.2
1121055	7/27/2015	Planned Outage	9747.08	157	62.08
1121070	7/27/2015	Planned Outage	206.93	2	103.47
1121078	7/27/2015	Planned Outage	161.58	5	32.32
1121079	7/27/2015	Planned Outage	73.35	1	73.35
1121085	7/27/2015	Planned Outage	932	5	186.4
1121090	7/27/2015	Planned Outage	146	2	73
1121101	7/27/2015	Planned Outage	171.25	3	57.08
1121103	7/27/2015	Planned Outage	126.82	1	126.82
1121104	7/27/2015	Planned Outage	21.07	4	5.27
1121107	7/27/2015	Planned Outage	18.5	5	3.7
1121160	7/27/2015	Planned Outage	518.42	5	103.68
1121211	7/28/2015	Planned Outage	47.07	2	23.53
1121231	7/28/2015	Planned Outage	4.45	1	4.45
1121232	7/28/2015	Planned Outage	63.1	2	31.55
1121233	7/28/2015	Planned Outage	143.97	2	71.98
1121234	7/28/2015	Planned Outage	141.83	1	141.83
1121237	7/28/2015	Planned Outage	502.4	1	502.4
1121239	7/28/2015	Planned Outage	1600.83	17	94.17
1121240	7/28/2015	Planned Outage	118.8	2	59.4
1121245	7/28/2015	Planned Outage	111.93	2	55.97
1121252	7/28/2015	Planned Outage	597.17	5	119.43

Appendix 1

2015 Planned Outages Table

1121256	7/28/2015	Planned Outage	5.6	2	2.8
1121257	7/28/2015	Planned Outage	122.47	11	11.13
1121258	7/28/2015	Planned Outage	141.8	1	141.8
1121266	7/28/2015	Planned Outage	213.75	5	42.75
1121267	7/28/2015	Planned Outage	203.07	2	101.53
1121268	7/28/2015	Planned Outage	10.8	2	5.4
1121271	7/28/2015	Planned Outage	6.27	1	6.27
1121272	7/28/2015	Planned Outage	201.95	3	67.32
1121275	7/28/2015	Planned Outage	499.15	3	166.38
1121276	7/28/2015	Planned Outage	1316	7	188
1121278	7/28/2015	Planned Outage	41.1	2	20.55
1121318	7/28/2015	Planned Outage	73.42	1	73.42
1121321	7/28/2015	Planned Outage	1251.9	6	208.65
1121328	7/28/2015	Planned Outage	19.08	1	19.08
1121337	7/28/2015	Planned Outage	11.17	1	11.17
1121400	7/29/2015	Planned Outage	32.65	1	32.65
1121401	7/29/2015	Planned Outage	148.5	2	74.25
1121402	7/29/2015	Planned Outage	61.65	1	61.65
1121403	7/29/2015	Planned Outage	36.93	4	9.23
1121405	7/29/2015	Planned Outage	25.58	1	25.58
1121407	7/29/2015	Planned Outage	33.27	1	33.27
1121412	7/29/2015	Planned Outage	138.33	5	27.67
1121414	7/29/2015	Planned Outage	2921.57	14	208.68
1121420	7/29/2015	Planned Outage	332.03	7	47.43
1121426	7/29/2015	Planned Outage	525.2	8	65.65
1121428	7/29/2015	Planned Outage	359.6	6	59.93
1121429	7/29/2015	Planned Outage	100.1	2	50.05
1121430	7/29/2015	Planned Outage	108.37	2	54.18
1121438	7/29/2015	Planned Outage	13.4	3	4.47
1121440	7/29/2015	Planned Outage	97.4	2	48.7
1121445	7/29/2015	Planned Outage	51.73	1	51.73
1121453	7/29/2015	Planned Outage	10.22	1	10.22
1121456	7/29/2015	Planned Outage	99.27	4	24.82
1121457	7/29/2015	Planned Outage	53.35	3	17.78
1121458	7/29/2015	Planned Outage	43.1	1	43.1
1121459	7/29/2015	Planned Outage	61.17	2	30.58
1121462	7/29/2015	Planned Outage	525.08	5	105.02
1121463	7/29/2015	Planned Outage	608.8	6	101.47
1121464	7/29/2015	Planned Outage	24.53	1	24.53
1121465	7/29/2015	Planned Outage	12.2	1	12.2
1121467	7/29/2015	Planned Outage	51.4	3	17.13
1121471	7/29/2015	Planned Outage	18.8	6	3.13
1121837	7/29/2015	Planned Outage	69.83	1	69.83
1121869	7/30/2015	Planned Outage	294.4	8	36.8
1121877	7/30/2015	Planned Outage	161.73	2	80.87
1121883	7/30/2015	Planned Outage	994	6	165.67
1121887	7/30/2015	Planned Outage	6.58	1	6.58
1121899	7/30/2015	Planned Outage	33.13	1	33.13
1121900	7/30/2015	Planned Outage	359.7	99	3.63

Appendix 1

2015 Planned Outages Table

1121915	7/30/2015	Planned Outage	43.93	1	43.93
1121916	7/30/2015	Planned Outage	27.47	1	27.47
1121919	7/30/2015	Planned Outage	148.07	4	37.02
1121922	7/30/2015	Planned Outage	45.38	1	45.38
1121925	7/30/2015	Planned Outage	12.67	1	12.67
1121926	7/30/2015	Planned Outage	175.53	2	87.77
1121927	7/30/2015	Planned Outage	87.93	1	87.93
1121956	7/30/2015	Planned Outage	21.2	2	10.6
1121958	7/30/2015	Planned Outage	47.72	7	6.82
1121961	7/30/2015	Planned Outage	302.13	8	37.77
1121963	7/30/2015	Planned Outage	1146.02	7	163.72
1121964	7/30/2015	Planned Outage	132.25	1	132.25
1122204	7/31/2015	Planned Outage	40.9	1	40.9
1122215	7/31/2015	Planned Outage	137.55	3	45.85
1122217	7/31/2015	Planned Outage	112.87	4	28.22
1122224	7/31/2015	Planned Outage	84.58	1	84.58
1122226	7/31/2015	Planned Outage	44.83	1	44.83
1122234	7/31/2015	Planned Outage	95.57	2	47.78
1122236	7/31/2015	Planned Outage	4.1	1	4.1
1122245	7/31/2015	Planned Outage	309.75	7	44.25
1122255	7/31/2015	Planned Outage	130.73	2	65.37
1122262	7/31/2015	Planned Outage	9.8	2	4.9
1122543	8/1/2015	Planned Outage	35.2	1	35.2
1122551	8/1/2015	Planned Outage	172.7	6	28.78
1122562	8/1/2015	Planned Outage	83.45	3	27.82
1122572	8/1/2015	Planned Outage	13.93	4	3.48
1122707	8/2/2015	Planned Outage	91.65	3	30.55
1122732	8/2/2015	Planned Outage	665.35	21	31.68
1122733	8/2/2015	Planned Outage	590.72	23	25.68
1122771	8/3/2015	Planned Outage	2518.37	14	179.88
1122773	8/3/2015	Planned Outage	624.3	9	69.37
1122774	8/3/2015	Planned Outage	39.77	2	19.88
1122779	8/3/2015	Planned Outage	553.07	34	16.27
1122781	8/3/2015	Planned Outage	125.2	8	15.65
1122786	8/3/2015	Planned Outage	224.62	1	224.62
1122791	8/3/2015	Planned Outage	259.07	4	64.77
1122796	8/3/2015	Planned Outage	22.15	1	22.15
1122802	8/3/2015	Planned Outage	144.9	3	48.3
1122803	8/3/2015	Planned Outage	145.25	3	48.42
1122821	8/3/2015	Planned Outage	46.33	2	23.17
1122831	8/3/2015	Planned Outage	15.03	1	15.03
1122859	8/3/2015	Planned Outage	29.98	1	29.98
1122868	8/3/2015	Planned Outage	14.88	1	14.88
1122881	8/4/2015	Planned Outage	916.53	4	229.13
1122904	8/4/2015	Planned Outage	26.1	1	26.1
1122914	8/4/2015	Planned Outage	38.62	1	38.62
1122915	8/4/2015	Planned Outage	54.4	2	27.2
1122920	8/4/2015	Planned Outage	8396.5	70	119.95
1122931	8/4/2015	Planned Outage	24.92	5	4.98

Appendix 1

2015 Planned Outages Table

1122932	8/4/2015	Planned Outage	37.37	1	37.37
1122935	8/4/2015	Planned Outage	95.5	3	31.83
1122938	8/4/2015	Planned Outage	211.17	7	30.17
1122940	8/4/2015	Planned Outage	69.7	3	23.23
1122942	8/4/2015	Planned Outage	14.48	1	14.48
1122946	8/4/2015	Planned Outage	83.02	1	83.02
1123045	8/4/2015	Planned Outage	48.83	2	24.42
1123303	8/4/2015	Planned Outage	10.57	1	10.57
1123332	8/5/2015	Planned Outage	58.95	3	19.65
1123333	8/5/2015	Planned Outage	21.28	1	21.28
1123341	8/5/2015	Planned Outage	127.78	1	127.78
1123344	8/5/2015	Planned Outage	277.5	6	46.25
1123346	8/5/2015	Planned Outage	84.1	1	84.1
1123347	8/5/2015	Planned Outage	82.78	1	82.78
1123378	8/5/2015	Planned Outage	100.45	7	14.35
1123379	8/5/2015	Planned Outage	98.35	7	14.05
1123434	8/5/2015	Planned Outage	7.25	1	7.25
1123437	8/5/2015	Planned Outage	22.4	1	22.4
1123439	8/5/2015	Planned Outage	789.5	6	131.58
1123443	8/5/2015	Planned Outage	66	1	66
1123468	8/5/2015	Planned Outage	947.33	8	118.42
1123470	8/5/2015	Planned Outage	17.8	1	17.8
1123472	8/5/2015	Planned Outage	17.5	1	17.5
1123478	8/5/2015	Planned Outage	304.03	2	152.02
1123494	8/6/2015	Planned Outage	2401.08	5	480.22
1123497	8/6/2015	Planned Outage	152.05	1	152.05
1123498	8/6/2015	Planned Outage	381.93	4	95.48
1123500	8/6/2015	Planned Outage	1349	4	337.25
1123503	8/6/2015	Planned Outage	30.93	2	15.47
1123504	8/6/2015	Planned Outage	131.2	1	131.2
1123506	8/6/2015	Planned Outage	290	4	72.5
1123510	8/6/2015	Planned Outage	43.17	2	21.58
1123511	8/6/2015	Planned Outage	132.47	4	33.12
1123513	8/6/2015	Planned Outage	387.2	6	64.53
1123515	8/6/2015	Planned Outage	238.93	4	59.73
1123536	8/6/2015	Planned Outage	161.42	5	32.28
1123558	8/6/2015	Planned Outage	53.22	1	53.22
1123586	8/6/2015	Planned Outage	23.03	1	23.03
1123595	8/6/2015	Planned Outage	21.5	1	21.5
1123629	8/6/2015	Planned Outage	3156.53	133	23.73
1123706	8/7/2015	Planned Outage	2.48	1	2.48
1123708	8/7/2015	Planned Outage	219.4	4	54.85
1123709	8/7/2015	Planned Outage	37.58	1	37.58
1123710	8/7/2015	Planned Outage	322.75	3	107.58
1123711	8/7/2015	Planned Outage	366	36	10.17
1123713	8/7/2015	Planned Outage	434.25	3	144.75
1123714	8/7/2015	Planned Outage	275.47	1	275.47
1123715	8/7/2015	Planned Outage	362.2	6	60.37
1123716	8/7/2015	Planned Outage	103.75	5	20.75

Appendix 1

2015 Planned Outages Table

1123717	8/7/2015	Planned Outage	23.38	1	23.38
1123718	8/7/2015	Planned Outage	37.13	1	37.13
1123720	8/7/2015	Planned Outage	56.8	1	56.8
1123725	8/7/2015	Planned Outage	228.08	1	228.08
1123730	8/7/2015	Planned Outage	109.22	1	109.22
1123734	8/7/2015	Planned Outage	6.02	1	6.02
1123744	8/7/2015	Planned Outage	490.5	9	54.5
1123745	8/7/2015	Planned Outage	25.65	1	25.65
1123748	8/7/2015	Planned Outage	163.33	5	32.67
1123749	8/7/2015	Planned Outage	69.8	2	34.9
1123757	8/7/2015	Planned Outage	136.97	7	19.57
1123758	8/7/2015	Planned Outage	25.18	1	25.18
1123761	8/7/2015	Planned Outage	48.75	3	16.25
1123763	8/7/2015	Planned Outage	36.28	1	36.28
1123768	8/7/2015	Planned Outage	62.43	1	62.43
1123769	8/7/2015	Planned Outage	57.6	3	19.2
1123779	8/7/2015	Planned Outage	17.27	4	4.32
1123791	8/7/2015	Planned Outage	3.03	2	1.52
1123839	8/8/2015	Planned Outage	2015.65	21	95.98
1123871	8/8/2015	Planned Outage	354.83	10	35.48
1123876	8/8/2015	Planned Outage	8.82	1	8.82
1123880	8/8/2015	Planned Outage	4.82	1	4.82
1124247	8/10/2015	Planned Outage	6.45	1	6.45
1124249	8/10/2015	Planned Outage	339.15	3	113.05
1124250	8/10/2015	Planned Outage	546	2	273
1124254	8/10/2015	Planned Outage	631.53	4	157.88
1124258	8/10/2015	Planned Outage	28.63	1	28.63
1124259	8/10/2015	Planned Outage	106.2	3	35.4
1124264	8/10/2015	Planned Outage	18.52	1	18.52
1124265	8/10/2015	Planned Outage	19.25	1	19.25
1124268	8/10/2015	Planned Outage	31.8	2	15.9
1124269	8/10/2015	Planned Outage	173.6	8	21.7
1124270	8/10/2015	Planned Outage	20.8	1	20.8
1124273	8/10/2015	Planned Outage	39.6	3	13.2
1124279	8/10/2015	Planned Outage	102.87	2	51.43
1124290	8/10/2015	Planned Outage	26.25	1	26.25
1124315	8/10/2015	Planned Outage	16.17	1	16.17
1124319	8/10/2015	Planned Outage	163.62	1	163.62
1124357	8/11/2015	Planned Outage	814	4	203.5
1124358	8/11/2015	Planned Outage	1001.75	5	200.35
1124360	8/11/2015	Planned Outage	119.6	4	29.9
1124361	8/11/2015	Planned Outage	7043.2	93	75.73
1124377	8/11/2015	Planned Outage	11.27	1	11.27
1124385	8/11/2015	Planned Outage	1575.2	12	131.27
1124386	8/11/2015	Planned Outage	1577	12	131.42
1124393	8/11/2015	Planned Outage	731.33	5	146.27
1124394	8/11/2015	Planned Outage	168.95	3	56.32
1124401	8/11/2015	Planned Outage	128.6	3	42.87
1124411	8/11/2015	Planned Outage	128.07	4	32.02

Appendix 1

2015 Planned Outages Table

1124423	8/11/2015	Planned Outage	71.5	5	14.3
1124424	8/11/2015	Planned Outage	43.93	1	43.93
1124437	8/11/2015	Planned Outage	806.1	9	89.57
1124438	8/11/2015	Planned Outage	618.1	7	88.3
1124455	8/11/2015	Planned Outage	106.47	1	106.47
1124480	8/12/2015	Planned Outage	654.03	7	93.43
1124499	8/12/2015	Planned Outage	98.08	5	19.62
1124500	8/12/2015	Planned Outage	15.83	1	15.83
1124503	8/12/2015	Planned Outage	738.1	6	123.02
1124506	8/12/2015	Planned Outage	613.83	5	122.77
1124515	8/12/2015	Planned Outage	47.27	1	47.27
1124517	8/12/2015	Planned Outage	31.37	1	31.37
1124523	8/12/2015	Planned Outage	68.47	1	68.47
1124524	8/12/2015	Planned Outage	2124.2	52	40.85
1124553	8/12/2015	Planned Outage	1243.15	47	26.45
1124555	8/12/2015	Planned Outage	1635	9	181.67
1124569	8/12/2015	Planned Outage	81.1	1	81.1
1124585	8/12/2015	Planned Outage	64.03	1	64.03
1124642	8/13/2015	Planned Outage	13.85	1	13.85
1124643	8/13/2015	Planned Outage	19.23	1	19.23
1124644	8/13/2015	Planned Outage	19.23	1	19.23
1124645	8/13/2015	Planned Outage	3.2	1	3.2
1124647	8/13/2015	Planned Outage	131.62	1	131.62
1124648	8/13/2015	Planned Outage	3268.75	25	130.75
1124650	8/13/2015	Planned Outage	128.83	1	128.83
1124651	8/13/2015	Planned Outage	536.43	22	24.38
1124654	8/13/2015	Planned Outage	696.2	6	116.03
1124655	8/13/2015	Planned Outage	4533.2	42	107.93
1124658	8/13/2015	Planned Outage	140	12	11.67
1124660	8/13/2015	Planned Outage	792.5	6	132.08
1124663	8/13/2015	Planned Outage	359.5	6	59.92
1124667	8/13/2015	Planned Outage	400.73	4	100.18
1124669	8/13/2015	Planned Outage	8.15	1	8.15
1124672	8/13/2015	Planned Outage	12.23	1	12.23
1124677	8/13/2015	Planned Outage	64.77	2	32.38
1124696	8/13/2015	Planned Outage	328.2	9	36.47
1124700	8/13/2015	Planned Outage	19.22	1	19.22
1124832	8/14/2015	Planned Outage	70.63	1	70.63
1124838	8/14/2015	Planned Outage	43.05	3	14.35
1124840	8/14/2015	Planned Outage	224.5	6	37.42
1124843	8/14/2015	Planned Outage	132	33	4
1124844	8/14/2015	Planned Outage	3911.2	48	81.48
1124849	8/14/2015	Planned Outage	305.27	2	152.63
1124850	8/14/2015	Planned Outage	13.3	1	13.3
1124855	8/14/2015	Planned Outage	127.33	5	25.47
1124856	8/14/2015	Planned Outage	666.67	40	16.67
1124859	8/14/2015	Planned Outage	29.23	2	14.62
1124860	8/14/2015	Planned Outage	44.03	1	44.03
1124901	8/14/2015	Planned Outage	51.3	9	5.7

Appendix 1

2015 Planned Outages Table

1124904	8/14/2015	Planned Outage	15.4	1	15.4
1124908	8/14/2015	Planned Outage	17.42	5	3.48
1124914	8/14/2015	Planned Outage	96	4	24
1125053	8/15/2015	Planned Outage	81.4	6	13.57
1125097	8/15/2015	Planned Outage	9.13	1	9.13
1125110	8/15/2015	Planned Outage	87.03	7	12.43
1125273	8/16/2015	Planned Outage	21.97	1	21.97
1125327	8/17/2015	Planned Outage	780.33	10	78.03
1125386	8/17/2015	Planned Outage	248.4	9	27.6
1125396	8/17/2015	Planned Outage	22.1	2	11.05
1125408	8/17/2015	Planned Outage	185.1	9	20.57
1125440	8/17/2015	Planned Outage	133.38	1	133.38
1125470	8/17/2015	Planned Outage	23.77	1	23.77
1125535	8/18/2015	Planned Outage	4663.47	64	72.87
1125541	8/18/2015	Planned Outage	207.73	19	10.93
1125542	8/18/2015	Planned Outage	41.1	9	4.57
1125547	8/18/2015	Planned Outage	546	9	60.67
1125550	8/18/2015	Planned Outage	49.2	3	16.4
1125553	8/18/2015	Planned Outage	159.25	35	4.55
1125556	8/18/2015	Planned Outage	123.8	2	61.9
1125558	8/18/2015	Planned Outage	25.57	1	25.57
1125560	8/18/2015	Planned Outage	264.5	6	44.08
1125565	8/18/2015	Planned Outage	1316.17	53	24.83
1125568	8/18/2015	Planned Outage	1682.4	9	186.93
1125618	8/18/2015	Planned Outage	28.83	1	28.83
1125632	8/18/2015	Planned Outage	56.87	1	56.87
1125635	8/18/2015	Planned Outage	51.47	2	25.73
1125712	8/18/2015	Planned Outage	45.7	2	22.85
1125746	8/18/2015	Planned Outage	65.27	1	65.27
1125768	8/19/2015	Planned Outage	5.68	1	5.68
1125772	8/19/2015	Planned Outage	42.57	2	21.28
1125774	8/19/2015	Planned Outage	194.67	2	97.33
1125775	8/19/2015	Planned Outage	42.7	1	42.7
1125780	8/19/2015	Planned Outage	120	4	30
1125782	8/19/2015	Planned Outage	17.5	5	3.5
1125784	8/19/2015	Planned Outage	281.42	5	56.28
1125792	8/19/2015	Planned Outage	1358	7	194
1125799	8/19/2015	Planned Outage	285.83	5	57.17
1125806	8/19/2015	Planned Outage	32.83	1	32.83
1125807	8/19/2015	Planned Outage	32.88	1	32.88
1125808	8/19/2015	Planned Outage	32.58	1	32.58
1125813	8/19/2015	Planned Outage	22.55	3	7.52
1125814	8/19/2015	Planned Outage	129.38	1	129.38
1125818	8/19/2015	Planned Outage	37.48	1	37.48
1125819	8/19/2015	Planned Outage	119.35	3	39.78
1125820	8/19/2015	Planned Outage	432	12	36
1125821	8/19/2015	Planned Outage	654.83	10	65.48
1125826	8/19/2015	Planned Outage	574.33	4	143.58
1125828	8/19/2015	Planned Outage	173.6	4	43.4

Appendix 1

2015 Planned Outages Table

1125838	8/19/2015	Planned Outage	157.55	3	52.52
1125847	8/19/2015	Planned Outage	236.67	5	47.33
1125849	8/19/2015	Planned Outage	7.4	1	7.4
1126060	8/19/2015	Planned Outage	16.18	1	16.18
1126063	8/19/2015	Planned Outage	57.8	1	57.8
1126074	8/19/2015	Planned Outage	1167.25	7	166.75
1126076	8/19/2015	Planned Outage	37.27	1	37.27
1126191	8/19/2015	Planned Outage	50	2	25
1126258	8/20/2015	Planned Outage	236.33	4	59.08
1126269	8/20/2015	Planned Outage	332.2	3	110.73
1126270	8/20/2015	Planned Outage	180.48	1	180.48
1126284	8/20/2015	Planned Outage	212.2	3	70.73
1126285	8/20/2015	Planned Outage	611.45	7	87.35
1126286	8/20/2015	Planned Outage	1715.42	115	14.92
1126301	8/20/2015	Planned Outage	132.92	5	26.58
1126306	8/20/2015	Planned Outage	43.72	1	43.72
1126307	8/20/2015	Planned Outage	1646.4	36	45.73
1126310	8/20/2015	Planned Outage	40.67	1	40.67
1126312	8/20/2015	Planned Outage	272	5	54.4
1126313	8/20/2015	Planned Outage	508.4	4	127.1
1126322	8/20/2015	Planned Outage	14.77	1	14.77
1126361	8/20/2015	Planned Outage	1367.1	49	27.9
1126363	8/20/2015	Planned Outage	175.8	2	87.9
1126365	8/20/2015	Planned Outage	78.82	1	78.82
1126381	8/20/2015	Planned Outage	448.5	10	44.85
1126387	8/20/2015	Planned Outage	120.25	1	120.25
1126412	8/20/2015	Planned Outage	169.4	6	28.23
1126415	8/20/2015	Planned Outage	24.48	1	24.48
1126418	8/20/2015	Planned Outage	3856	60	64.27
1127198	8/20/2015	Planned Outage	28.13	2	14.07
1127225	8/20/2015	Planned Outage	331.3	6	55.22
1127269	8/21/2015	Planned Outage	518	2	259
1127299	8/21/2015	Planned Outage	1653.83	10	165.38
1127303	8/21/2015	Planned Outage	2373.93	28	84.78
1127306	8/21/2015	Planned Outage	3056	10	305.6
1127307	8/21/2015	Planned Outage	131.47	1	131.47
1127317	8/21/2015	Planned Outage	117.33	5	23.47
1127318	8/21/2015	Planned Outage	444.33	4	111.08
1127322	8/21/2015	Planned Outage	143.2	4	35.8
1127325	8/21/2015	Planned Outage	63.1	3	21.03
1127326	8/21/2015	Planned Outage	609.07	8	76.13
1127339	8/21/2015	Planned Outage	5.85	1	5.85
1127342	8/21/2015	Planned Outage	206.97	14	14.78
1127343	8/21/2015	Planned Outage	11.43	1	11.43
1127444	8/22/2015	Planned Outage	32.53	1	32.53
1127580	8/23/2015	Planned Outage	55.37	1	55.37
1127620	8/24/2015	Planned Outage	520.67	2	260.33
1127626	8/24/2015	Planned Outage	262.1	2	131.05
1127627	8/24/2015	Planned Outage	812.2	6	135.37

Appendix 1

2015 Planned Outages Table

1127632	8/24/2015	Planned Outage	99.05	3	33.02
1127637	8/24/2015	Planned Outage	20.02	1	20.02
1127640	8/24/2015	Planned Outage	779.13	13	59.93
1127651	8/24/2015	Planned Outage	151.93	2	75.97
1127652	8/24/2015	Planned Outage	69.6	1	69.6
1127655	8/24/2015	Planned Outage	102.9	3	34.3
1127659	8/24/2015	Planned Outage	86.15	3	28.72
1127661	8/24/2015	Planned Outage	15.07	1	15.07
1127663	8/24/2015	Planned Outage	23.07	1	23.07
1127671	8/24/2015	Planned Outage	36.33	4	9.08
1127674	8/24/2015	Planned Outage	29.12	1	29.12
1127682	8/24/2015	Planned Outage	34.3	1	34.3
1127684	8/24/2015	Planned Outage	519.4	4	129.85
1127702	8/24/2015	Planned Outage	21.6	3	7.2
1127731	8/25/2015	Planned Outage	100.35	1	100.35
1127732	8/25/2015	Planned Outage	2480.1	6	413.35
1127733	8/25/2015	Planned Outage	120.8	4	30.2
1127739	8/25/2015	Planned Outage	695.8	3	231.93
1127740	8/25/2015	Planned Outage	17	2	8.5
1127742	8/25/2015	Planned Outage	1448.85	9	160.98
1127744	8/25/2015	Planned Outage	363.93	4	90.98
1127749	8/25/2015	Planned Outage	70.37	2	35.18
1127752	8/25/2015	Planned Outage	788.43	7	112.63
1127753	8/25/2015	Planned Outage	337.25	3	112.42
1127767	8/25/2015	Planned Outage	75	1	75
1127769	8/25/2015	Planned Outage	48.95	3	16.32
1127772	8/25/2015	Planned Outage	74.2	3	24.73
1127779	8/25/2015	Planned Outage	101.43	2	50.72
1127783	8/25/2015	Planned Outage	18.8	4	4.7
1127786	8/25/2015	Planned Outage	4.22	1	4.22
1127789	8/25/2015	Planned Outage	3539.93	29	122.07
1127855	8/26/2015	Planned Outage	419.2	12	34.93
1127856	8/26/2015	Planned Outage	37.5	2	18.75
1127857	8/26/2015	Planned Outage	705	4	176.25
1127860	8/26/2015	Planned Outage	118.53	2	59.27
1127866	8/26/2015	Planned Outage	1344	7	192
1127867	8/26/2015	Planned Outage	232.9	3	77.63
1127870	8/26/2015	Planned Outage	31.67	1	31.67
1127872	8/26/2015	Planned Outage	130.1	1	130.1
1127873	8/26/2015	Planned Outage	81.67	5	16.33
1127874	8/26/2015	Planned Outage	10.8	6	1.8
1127876	8/22/2015	Planned Outage	387	9	43
1127877	8/26/2015	Planned Outage	8.02	1	8.02
1127881	8/26/2015	Planned Outage	60.3	2	30.15
1127883	8/26/2015	Planned Outage	301.33	2	150.67
1127889	8/26/2015	Planned Outage	60.75	3	20.25
1127892	8/26/2015	Planned Outage	131.4	2	65.7
1127895	8/26/2015	Planned Outage	355.9	6	59.32
1127896	8/26/2015	Planned Outage	1612	12	134.33

Appendix 1

2015 Planned Outages Table

1127903	8/26/2015	Planned Outage	1005.75	9	111.75
1127909	8/26/2015	Planned Outage	65.17	1	65.17
1127913	8/26/2015	Planned Outage	286.17	5	57.23
1127919	8/26/2015	Planned Outage	117.6	1	117.6
1127926	8/26/2015	Planned Outage	502.27	2	251.13
1127928	8/26/2015	Planned Outage	334.13	7	47.73
1127946	8/26/2015	Planned Outage	4.9	3	1.63
1127954	8/27/2015	Planned Outage	575.4	12	47.95
1127963	8/27/2015	Planned Outage	229.4	3	76.47
1127967	8/27/2015	Planned Outage	92.77	1	92.77
1127968	8/27/2015	Planned Outage	1208.53	4	302.13
1127969	8/27/2015	Planned Outage	94.17	5	18.83
1127970	8/27/2015	Planned Outage	299.03	1	299.03
1127972	8/27/2015	Planned Outage	139.4	3	46.47
1127973	8/27/2015	Planned Outage	550.32	7	78.62
1127980	8/27/2015	Planned Outage	37.08	1	37.08
1127988	8/27/2015	Planned Outage	68.32	1	68.32
1127990	8/27/2015	Planned Outage	854.37	19	44.97
1127993	8/27/2015	Planned Outage	77.47	2	38.73
1128008	8/27/2015	Planned Outage	253.3	6	42.22
1128016	8/27/2015	Planned Outage	15.7	2	7.85
1128025	8/27/2015	Planned Outage	190	3	63.33
1128034	8/27/2015	Planned Outage	40.18	1	40.18
1128038	8/27/2015	Planned Outage	117.7	3	39.23
1128045	8/28/2015	Planned Outage	46.5	5	9.3
1128063	8/28/2015	Planned Outage	320.42	5	64.08
1128067	8/28/2015	Planned Outage	20.68	1	20.68
1128068	8/28/2015	Planned Outage	129.22	1	129.22
1128071	8/28/2015	Planned Outage	12.37	1	12.37
1128076	8/28/2015	Planned Outage	571.53	4	142.88
1128079	8/28/2015	Planned Outage	15.42	1	15.42
1128080	8/28/2015	Planned Outage	7.65	3	2.55
1128082	8/28/2015	Planned Outage	198.73	11	18.07
1128085	8/28/2015	Planned Outage	105.12	1	105.12
1128086	8/28/2015	Planned Outage	198.88	1	198.88
1128092	8/28/2015	Planned Outage	42.98	1	42.98
1128093	8/28/2015	Planned Outage	30.17	2	15.08
1128094	8/28/2015	Planned Outage	302.67	8	37.83
1128098	8/28/2015	Planned Outage	48.47	2	24.23
1128102	8/28/2015	Planned Outage	26	1	26
1128104	8/28/2015	Planned Outage	299.02	7	42.72
1128105	8/28/2015	Planned Outage	10.18	1	10.18
1128106	8/28/2015	Planned Outage	36.95	1	36.95
1128108	8/28/2015	Planned Outage	260.88	11	23.72
1128114	8/28/2015	Planned Outage	33.7	1	33.7
1128118	8/28/2015	Planned Outage	8.9	1	8.9
1128123	8/28/2015	Planned Outage	58.28	1	58.28
1128126	8/28/2015	Planned Outage	5	1	5
1128279	8/29/2015	Planned Outage	23.78	1	23.78

Appendix 1

2015 Planned Outages Table

1128338	8/30/2015	Planned Outage	18.55	1	18.55
1128416	8/31/2015	Planned Outage	93.53	1	93.53
1128427	8/31/2015	Planned Outage	110.3	3	36.77
1128429	8/31/2015	Planned Outage	209.33	2	104.67
1128431	8/31/2015	Planned Outage	1107.17	14	79.08
1128433	8/31/2015	Planned Outage	13615.5	45	302.57
1128437	8/31/2015	Planned Outage	72.77	2	36.38
1128438	8/31/2015	Planned Outage	22.93	2	11.47
1128439	8/31/2015	Planned Outage	79.8	3	26.6
1128440	8/31/2015	Planned Outage	202.77	2	101.38
1128441	8/31/2015	Planned Outage	27.92	1	27.92
1128453	8/31/2015	Planned Outage	126.6	1	126.6
1128455	8/31/2015	Planned Outage	37.02	1	37.02
1128458	8/31/2015	Planned Outage	1056.8	6	176.13
1128463	8/31/2015	Planned Outage	68.73	1	68.73
1128469	8/31/2015	Planned Outage	231.2	4	57.8
1128484	8/31/2015	Planned Outage	22.38	1	22.38
1128488	8/31/2015	Planned Outage	46.17	1	46.17
1128491	8/31/2015	Planned Outage	50.07	1	50.07
1128497	8/31/2015	Planned Outage	59.38	1	59.38
1128506	8/31/2015	Planned Outage	69.08	1	69.08
1128508	8/31/2015	Planned Outage	466.9	7	66.7
1128514	8/31/2015	Planned Outage	343.4	2	171.7
1128523	8/31/2015	Planned Outage	14.65	1	14.65
1128577	9/1/2015	Planned Outage	228.2	7	32.6
1128578	9/1/2015	Planned Outage	165.48	1	165.48
1128579	9/1/2015	Planned Outage	95.6	6	15.93
1128582	9/1/2015	Planned Outage	126.4	3	42.13
1128584	9/1/2015	Planned Outage	116.88	1	116.88
1128585	9/1/2015	Planned Outage	232.3	2	116.15
1128588	9/1/2015	Planned Outage	44.8	3	14.93
1128592	9/1/2015	Planned Outage	127.67	5	25.53
1128593	9/1/2015	Planned Outage	4390.9	57	77.03
1128598	9/1/2015	Planned Outage	82.15	1	82.15
1128604	9/1/2015	Planned Outage	1630.47	37	44.07
1128605	9/1/2015	Planned Outage	98.05	1	98.05
1128608	9/1/2015	Planned Outage	1582.05	9	175.78
1128612	9/1/2015	Planned Outage	123	1	123
1128614	9/1/2015	Planned Outage	140.65	1	140.65
1128618	9/1/2015	Planned Outage	75.5	6	12.58
1128619	9/1/2015	Planned Outage	8.25	3	2.75
1128622	9/1/2015	Planned Outage	112.1	57	1.97
1128625	9/1/2015	Planned Outage	115.85	1	115.85
1128626	9/1/2015	Planned Outage	110.47	4	27.62
1128631	9/1/2015	Planned Outage	32.1	2	16.05
1128632	9/1/2015	Planned Outage	11.4	2	5.7
1128634	9/1/2015	Planned Outage	100	1	100
1128635	9/1/2015	Planned Outage	258.33	5	51.67
1128638	9/1/2015	Planned Outage	1122	33	34

Appendix 1

2015 Planned Outages Table

1128640	9/1/2015	Planned Outage	1744.6	44	39.65
1128660	9/1/2015	Planned Outage	162.67	8	20.33
1128664	9/1/2015	Planned Outage	65.15	3	21.72
1128673	9/1/2015	Planned Outage	45.92	1	45.92
1128684	9/1/2015	Planned Outage	34.35	1	34.35
1128695	9/2/2015	Planned Outage	263	1	263
1128700	9/2/2015	Planned Outage	37.33	1	37.33
1128708	9/2/2015	Planned Outage	391	17	23
1128713	9/2/2015	Planned Outage	164.5	7	23.5
1128714	9/2/2015	Planned Outage	312.47	1	312.47
1128720	9/2/2015	Planned Outage	2285.5	21	108.83
1128726	9/2/2015	Planned Outage	183.83	5	36.77
1128729	9/2/2015	Planned Outage	303.2	4	75.8
1128730	9/2/2015	Planned Outage	74.87	1	74.87
1128735	9/2/2015	Planned Outage	5903.25	45	131.18
1128736	9/2/2015	Planned Outage	598.38	7	85.48
1128741	9/2/2015	Planned Outage	20.13	2	10.07
1128744	9/2/2015	Planned Outage	17.5	3	5.83
1128745	9/2/2015	Planned Outage	43.55	1	43.55
1128749	9/2/2015	Planned Outage	248.73	1	248.73
1128751	9/2/2015	Planned Outage	119.3	3	39.77
1128759	9/2/2015	Planned Outage	287	4	71.75
1128762	9/2/2015	Planned Outage	38.53	2	19.27
1128763	9/2/2015	Planned Outage	18.07	1	18.07
1128764	9/2/2015	Planned Outage	27.02	1	27.02
1128770	9/2/2015	Planned Outage	175.18	1	175.18
1128808	9/2/2015	Planned Outage	22.45	1	22.45
1128832	9/3/2015	Planned Outage	605.15	3	201.72
1128833	9/3/2015	Planned Outage	202.2	1	202.2
1128845	9/3/2015	Planned Outage	612	18	34
1128863	9/3/2015	Planned Outage	152	6	25.33
1128864	9/3/2015	Planned Outage	156.22	1	156.22
1128865	9/3/2015	Planned Outage	18.3	1	18.3
1128866	9/3/2015	Planned Outage	86.73	1	86.73
1128867	9/3/2015	Planned Outage	8244.42	95	86.78
1128869	9/3/2015	Planned Outage	540.2	3	180.07
1128870	9/3/2015	Planned Outage	40.6	4	10.15
1128882	9/3/2015	Planned Outage	47.65	3	15.88
1128892	9/3/2015	Planned Outage	314.25	5	62.85
1128897	9/3/2015	Planned Outage	120.95	3	40.32
1128903	9/3/2015	Planned Outage	185.8	4	46.45
1128914	9/3/2015	Planned Outage	110.97	1	110.97
1128933	9/3/2015	Planned Outage	35.67	1	35.67
1128965	9/3/2015	Planned Outage	46	1	46
1128967	9/3/2015	Planned Outage	60.05	3	20.02
1129000	9/4/2015	Planned Outage	477.13	17	28.07
1129013	9/4/2015	Planned Outage	13.87	4	3.47
1129016	9/4/2015	Planned Outage	10.35	1	10.35
1129018	9/4/2015	Planned Outage	30.6	1	30.6

Appendix 1

2015 Planned Outages Table

1129024	9/4/2015	Planned Outage	277.28	1	277.28
1129027	9/4/2015	Planned Outage	403.92	5	80.78
1129029	9/4/2015	Planned Outage	102.8	4	25.7
1129030	9/4/2015	Planned Outage	87.05	1	87.05
1129036	9/4/2015	Planned Outage	88.1	2	44.05
1129037	9/4/2015	Planned Outage	90.75	9	10.08
1129039	9/4/2015	Planned Outage	23.6	2	11.8
1129046	9/4/2015	Planned Outage	871.2	54	16.13
1129048	9/4/2015	Planned Outage	999.85	3	333.28
1129050	9/4/2015	Planned Outage	25.05	1	25.05
1129051	9/4/2015	Planned Outage	224.23	2	112.12
1129055	9/4/2015	Planned Outage	18.7	1	18.7
1129059	9/4/2015	Planned Outage	135.83	10	13.58
1129070	9/4/2015	Planned Outage	2.17	1	2.17
1129071	9/4/2015	Planned Outage	25.27	1	25.27
1129080	9/4/2015	Planned Outage	65.57	2	32.78
1129081	9/4/2015	Planned Outage	75.28	1	75.28
1129251	9/5/2015	Planned Outage	54.32	1	54.32
1129255	9/5/2015	Planned Outage	529.97	2	264.98
1129301	9/5/2015	Planned Outage	24.13	1	24.13
1129645	9/6/2015	Planned Outage	75.73	1	75.73
1129660	9/6/2015	Planned Outage	55.97	2	27.98
1129661	9/6/2015	Planned Outage	74.33	4	18.58
1129677	9/6/2015	Planned Outage	434.55	9	48.28
1129678	9/6/2015	Planned Outage	502.13	28	17.93
1129752	9/7/2015	Planned Outage	23.83	1	23.83
1129782	9/7/2015	Planned Outage	12.58	1	12.58
1129819	9/8/2015	Planned Outage	346.97	2	173.48
1129821	9/8/2015	Planned Outage	72.67	5	14.53
1129822	9/8/2015	Planned Outage	160.77	2	80.38
1129828	9/8/2015	Planned Outage	111.87	4	27.97
1129834	9/8/2015	Planned Outage	306.5	2	153.25
1129835	9/8/2015	Planned Outage	12.13	2	6.07
1129838	9/8/2015	Planned Outage	28.07	1	28.07
1129842	9/8/2015	Planned Outage	73.9	6	12.32
1129847	9/8/2015	Planned Outage	11.17	1	11.17
1129850	9/8/2015	Planned Outage	9.92	1	9.92
1129855	9/8/2015	Planned Outage	42.3	2	21.15
1129857	9/8/2015	Planned Outage	208.45	3	69.48
1129859	9/8/2015	Planned Outage	47.73	1	47.73
1129862	9/8/2015	Planned Outage	162.63	2	81.32
1129865	9/8/2015	Planned Outage	46.28	1	46.28
1129866	9/8/2015	Planned Outage	69.1	3	23.03
1129877	9/8/2015	Planned Outage	176.03	2	88.02
1129885	9/8/2015	Planned Outage	4.83	1	4.83
1129934	9/9/2015	Planned Outage	227.8	2	113.9
1129936	9/9/2015	Planned Outage	84.65	1	84.65
1129942	9/9/2015	Planned Outage	278.23	1	278.23
1129943	9/9/2015	Planned Outage	71.23	1	71.23

Appendix 1

2015 Planned Outages Table

1129944	9/9/2015	Planned Outage	232.15	1	232.15
1129946	9/9/2015	Planned Outage	12.25	1	12.25
1129950	9/9/2015	Planned Outage	1382.77	13	106.37
1129953	9/9/2015	Planned Outage	32.65	1	32.65
1129959	9/9/2015	Planned Outage	9266.4	54	171.6
1129961	9/9/2015	Planned Outage	944.3	7	134.9
1129964	9/9/2015	Planned Outage	1410	18	78.33
1129969	9/9/2015	Planned Outage	120.63	2	60.32
1129973	9/9/2015	Planned Outage	99.4	4	24.85
1129980	9/9/2015	Planned Outage	181.78	13	13.98
1129982	9/9/2015	Planned Outage	464.87	19	24.47
1129983	9/9/2015	Planned Outage	24.43	1	24.43
1129984	9/9/2015	Planned Outage	90.03	2	45.02
1129985	9/9/2015	Planned Outage	43.35	1	43.35
1129995	9/9/2015	Planned Outage	58.93	8	7.37
1129996	9/9/2015	Planned Outage	48.55	3	16.18
1130001	9/9/2015	Planned Outage	7.52	1	7.52
1130002	9/9/2015	Planned Outage	99.3	2	49.65
1130004	9/9/2015	Planned Outage	5.68	1	5.68
1130005	9/9/2015	Planned Outage	5.67	1	5.67
1130007	9/9/2015	Planned Outage	318.28	13	24.48
1130012	9/9/2015	Planned Outage	448.2	3	149.4
1130069	9/10/2015	Planned Outage	40.75	1	40.75
1130071	9/10/2015	Planned Outage	32.43	1	32.43
1130073	9/10/2015	Planned Outage	26.9	1	26.9
1130074	9/10/2015	Planned Outage	2101.6	12	175.13
1130076	9/10/2015	Planned Outage	402.47	4	100.62
1130080	9/10/2015	Planned Outage	52.9	3	17.63
1130082	9/10/2015	Planned Outage	221	2	110.5
1130083	9/10/2015	Planned Outage	13.3	2	6.65
1130085	9/10/2015	Planned Outage	178.35	3	59.45
1130094	9/10/2015	Planned Outage	442	4	110.5
1130099	9/10/2015	Planned Outage	99.67	2	49.83
1130103	9/10/2015	Planned Outage	59.75	5	11.95
1130104	9/10/2015	Planned Outage	18.62	1	18.62
1130105	9/10/2015	Planned Outage	385.5	6	64.25
1130106	9/10/2015	Planned Outage	38.53	2	19.27
1130115	9/10/2015	Planned Outage	17.97	2	8.98
1130116	9/10/2015	Planned Outage	21.43	2	10.72
1130117	9/10/2015	Planned Outage	66.08	5	13.22
1130118	9/10/2015	Planned Outage	48.53	4	12.13
1130123	9/10/2015	Planned Outage	33.8	1	33.8
1130126	9/10/2015	Planned Outage	74.67	8	9.33
1130127	9/10/2015	Planned Outage	69.85	3	23.28
1130139	9/10/2015	Planned Outage	14.28	1	14.28
1130146	9/10/2015	Planned Outage	165.57	2	82.78
1130195	9/11/2015	Planned Outage	36.48	1	36.48
1130196	9/11/2015	Planned Outage	203.92	1	203.92
1130199	9/11/2015	Planned Outage	2.15	1	2.15

Appendix 1

2015 Planned Outages Table

1130200	9/11/2015	Planned Outage	46.17	1	46.17
1130201	9/11/2015	Planned Outage	279.3	1	279.3
1130213	9/11/2015	Planned Outage	1123.2	6	187.2
1130218	9/11/2015	Planned Outage	1083.9	6	180.65
1130220	9/11/2015	Planned Outage	53.5	6	8.92
1130221	9/11/2015	Planned Outage	10.83	1	10.83
1130229	9/11/2015	Planned Outage	122.83	5	24.57
1130232	9/11/2015	Planned Outage	167.2	8	20.9
1130236	9/11/2015	Planned Outage	67.92	5	13.58
1130253	9/11/2015	Planned Outage	22.58	1	22.58
1130255	9/11/2015	Planned Outage	181.1	3	60.37
1130256	9/11/2015	Planned Outage	63.85	3	21.28
1130257	9/11/2015	Planned Outage	9.67	1	9.67
1130276	9/11/2015	Planned Outage	7.67	1	7.67
1130464	9/12/2015	Planned Outage	138.93	4	34.73
1130649	9/14/2015	Planned Outage	218.67	2	109.33
1130652	9/14/2015	Planned Outage	253.73	2	126.87
1130662	9/14/2015	Planned Outage	172.73	4	43.18
1130666	9/14/2015	Planned Outage	125.7	2	62.85
1130676	9/14/2015	Planned Outage	30.8	3	10.27
1130681	9/14/2015	Planned Outage	157.25	3	52.42
1130685	9/14/2015	Planned Outage	23.55	1	23.55
1130686	9/14/2015	Planned Outage	318.9	18	17.72
1130688	9/14/2015	Planned Outage	81.1	2	40.55
1130693	9/14/2015	Planned Outage	581.7	6	96.95
1130722	9/14/2015	Planned Outage	109.08	5	21.82
1130725	9/14/2015	Planned Outage	216.93	8	27.12
1130728	9/14/2015	Planned Outage	268	16	16.75
1130738	9/14/2015	Planned Outage	389.2	2	194.6
1130739	9/14/2015	Planned Outage	173.35	1	173.35
1130776	9/15/2015	Planned Outage	65.05	1	65.05
1130785	9/15/2015	Planned Outage	397.6	7	56.8
1130793	9/15/2015	Planned Outage	15150.85	429	35.32
1130843	9/15/2015	Planned Outage	3029.23	19	159.43
1130845	9/15/2015	Planned Outage	41.8	1	41.8
1130846	9/15/2015	Planned Outage	281.77	2	140.88
1130849	9/15/2015	Planned Outage	15.28	1	15.28
1130854	9/15/2015	Planned Outage	40.12	1	40.12
1130855	9/15/2015	Planned Outage	7595.78	53	143.32
1130862	9/15/2015	Planned Outage	193.67	2	96.83
1130863	9/15/2015	Planned Outage	158.2	6	26.37
1130867	9/15/2015	Planned Outage	167.3	6	27.88
1130876	9/15/2015	Planned Outage	31.77	1	31.77
1130880	9/15/2015	Planned Outage	208.5	6	34.75
1130881	9/15/2015	Planned Outage	382.4	12	31.87
1130888	9/15/2015	Planned Outage	1734.6	7	247.8
1130890	9/15/2015	Planned Outage	348.8	8	43.6
1130892	9/15/2015	Planned Outage	57.98	1	57.98
1130894	9/15/2015	Planned Outage	4036.83	53	76.17

Appendix 1

2015 Planned Outages Table

1130904	9/15/2015	Planned Outage	32.72	1	32.72
1130915	9/15/2015	Planned Outage	47.82	1	47.82
1130916	9/15/2015	Planned Outage	139.22	1	139.22
1130923	9/15/2015	Planned Outage	260.2	2	130.1
1130931	9/15/2015	Planned Outage	24.23	2	12.12
1130982	9/16/2015	Planned Outage	34.13	1	34.13
1130983	9/16/2015	Planned Outage	34.53	1	34.53
1130988	9/16/2015	Planned Outage	453.8	4	113.45
1130991	9/16/2015	Planned Outage	119.08	1	119.08
1131000	9/16/2015	Planned Outage	827	10	82.7
1131001	9/16/2015	Planned Outage	87.83	1	87.83
1131002	9/16/2015	Planned Outage	98.37	2	49.18
1131003	9/16/2015	Planned Outage	83.5	1	83.5
1131004	9/16/2015	Planned Outage	141.03	2	70.52
1131006	9/16/2015	Planned Outage	74.7	1	74.7
1131007	9/16/2015	Planned Outage	96.17	1	96.17
1131010	9/16/2015	Planned Outage	192.13	1	192.13
1131014	9/16/2015	Planned Outage	258.77	2	129.38
1131015	9/16/2015	Planned Outage	536.67	23	23.33
1131025	9/16/2015	Planned Outage	166.75	23	7.25
1131032	9/16/2015	Planned Outage	85.95	3	28.65
1131036	9/16/2015	Planned Outage	88	2	44
1131038	9/16/2015	Planned Outage	79.3	2	39.65
1131059	9/16/2015	Planned Outage	51.77	1	51.77
1131091	9/16/2015	Planned Outage	418.93	4	104.73
1131094	9/16/2015	Planned Outage	34.98	1	34.98
1131097	9/16/2015	Planned Outage	103.12	1	103.12
1131105	9/16/2015	Planned Outage	8.83	1	8.83
1131115	9/16/2015	Planned Outage	2.4	1	2.4
1131117	9/16/2015	Planned Outage	35.17	1	35.17
1131121	9/16/2015	Planned Outage	33.05	3	11.02
1131138	9/16/2015	Planned Outage	34.73	1	34.73
1131165	9/17/2015	Planned Outage	109.37	1	109.37
1131167	9/17/2015	Planned Outage	321.13	2	160.57
1131169	9/17/2015	Planned Outage	430.5	10	43.05
1131171	9/17/2015	Planned Outage	54.82	1	54.82
1131173	9/17/2015	Planned Outage	42.98	1	42.98
1131174	9/17/2015	Planned Outage	42	1	42
1131175	9/17/2015	Planned Outage	39.58	1	39.58
1131179	9/17/2015	Planned Outage	155.68	1	155.68
1131180	9/17/2015	Planned Outage	1404	9	156
1131188	9/17/2015	Planned Outage	172.07	1	172.07
1131191	9/17/2015	Planned Outage	49.5	1	49.5
1131202	9/17/2015	Planned Outage	16.87	1	16.87
1131225	9/17/2015	Planned Outage	122.5	10	12.25
1131228	9/17/2015	Planned Outage	18.45	3	6.15
1131262	9/18/2015	Planned Outage	486.17	2	243.08
1131266	9/18/2015	Planned Outage	117.43	2	58.72
1131273	9/18/2015	Planned Outage	494.6	4	123.65

Appendix 1

2015 Planned Outages Table

1131276	9/18/2015	Planned Outage	39.43	2	19.72
1131288	9/18/2015	Planned Outage	217.4	3	72.47
1131291	9/18/2015	Planned Outage	2.35	1	2.35
1131292	9/18/2015	Planned Outage	63.25	3	21.08
1131293	9/18/2015	Planned Outage	64.25	3	21.42
1131299	9/18/2015	Planned Outage	218.35	3	72.78
1131303	9/18/2015	Planned Outage	21.62	1	21.62
1131304	9/18/2015	Planned Outage	5.85	1	5.85
1131310	9/18/2015	Planned Outage	511.2	16	31.95
1131319	9/18/2015	Planned Outage	832.13	8	104.02
1131320	9/18/2015	Planned Outage	103.65	1	103.65
1131331	9/18/2015	Planned Outage	98.77	1	98.77
1131332	9/18/2015	Planned Outage	297.1	3	99.03
1131334	9/18/2015	Planned Outage	22.45	1	22.45
1131337	9/18/2015	Planned Outage	2042.33	5	408.47
1131429	9/19/2015	Planned Outage	631.85	1	631.85
1131493	9/20/2015	Planned Outage	14.33	2	7.17
1131501	9/20/2015	Planned Outage	56.75	5	11.35
1131559	9/21/2015	Planned Outage	1146.67	10	114.67
1131572	9/21/2015	Planned Outage	532.9	6	88.82
1131577	9/21/2015	Planned Outage	65.05	1	65.05
1131581	9/21/2015	Planned Outage	1065	6	177.5
1131586	9/21/2015	Planned Outage	320	2	160
1131589	9/21/2015	Planned Outage	348.9	3	116.3
1131591	9/21/2015	Planned Outage	157.7	2	78.85
1131597	9/21/2015	Planned Outage	316.55	3	105.52
1131603	9/21/2015	Planned Outage	45.97	1	45.97
1131612	9/21/2015	Planned Outage	33.57	1	33.57
1131613	9/21/2015	Planned Outage	218.93	8	27.37
1131615	9/21/2015	Planned Outage	115.1	3	38.37
1131625	9/21/2015	Planned Outage	1513.67	10	151.37
1131630	9/21/2015	Planned Outage	42.92	1	42.92
1131649	9/21/2015	Planned Outage	63.38	1	63.38
1131655	9/21/2015	Planned Outage	82.22	1	82.22
1131656	9/21/2015	Planned Outage	40.47	4	10.12
1131669	9/21/2015	Planned Outage	24.17	2	12.08
1131678	9/21/2015	Planned Outage	64.78	1	64.78
1131679	9/21/2015	Planned Outage	69.6	3	23.2
1131682	9/21/2015	Planned Outage	32.65	3	10.88
1131689	9/21/2015	Planned Outage	44.48	1	44.48
1131705	9/21/2015	Planned Outage	27.22	1	27.22
1131731	9/22/2015	Planned Outage	18158.15	237	76.62
1131737	9/22/2015	Planned Outage	4222.05	63	67.02
1131745	9/22/2015	Planned Outage	96.82	1	96.82
1131746	9/22/2015	Planned Outage	70.75	3	23.58
1131750	9/22/2015	Planned Outage	6.47	1	6.47
1131762	9/22/2015	Planned Outage	250.53	4	62.63
1131764	9/22/2015	Planned Outage	119.87	1	119.87
1131765	9/22/2015	Planned Outage	2940.6	12	245.05

Appendix 1

2015 Planned Outages Table

1131769	9/22/2015	Planned Outage	707	6	117.83
1131771	9/22/2015	Planned Outage	84.87	4	21.22
1131775	9/22/2015	Planned Outage	576.68	7	82.38
1131776	9/22/2015	Planned Outage	2174.2	7	310.6
1131777	9/22/2015	Planned Outage	5.47	1	5.47
1131778	9/22/2015	Planned Outage	210.12	1	210.12
1131781	9/22/2015	Planned Outage	962.92	5	192.58
1131786	9/22/2015	Planned Outage	9.62	1	9.62
1131795	9/22/2015	Planned Outage	93.3	3	31.1
1131801	9/22/2015	Planned Outage	1484.5	10	148.45
1131802	9/22/2015	Planned Outage	664.65	7	94.95
1131812	9/22/2015	Planned Outage	257.37	1	257.37
1132023	9/22/2015	Planned Outage	180.67	8	22.58
1132025	9/22/2015	Planned Outage	144.4	2	72.2
1132030	9/22/2015	Planned Outage	56.67	1	56.67
1132031	9/22/2015	Planned Outage	14.1	1	14.1
1132046	9/22/2015	Planned Outage	219.4	6	36.57
1132049	9/22/2015	Planned Outage	289.4	2	144.7
1132050	9/22/2015	Planned Outage	125.53	2	62.77
1132051	9/22/2015	Planned Outage	24.6	6	4.1
1132170	9/22/2015	Planned Outage	38.87	1	38.87
1132254	9/23/2015	Planned Outage	72.12	1	72.12
1132263	9/23/2015	Planned Outage	1167.15	9	129.68
1132270	9/23/2015	Planned Outage	70.83	1	70.83
1132271	9/23/2015	Planned Outage	54.72	7	7.82
1132276	9/23/2015	Planned Outage	1753.8	9	194.87
1132282	9/23/2015	Planned Outage	889.93	4	222.48
1132285	9/23/2015	Planned Outage	1143.63	11	103.97
1132287	9/23/2015	Planned Outage	726.72	7	103.82
1132291	9/23/2015	Planned Outage	16.15	1	16.15
1132302	9/23/2015	Planned Outage	191.2	2	95.6
1132304	9/23/2015	Planned Outage	143.33	4	35.83
1132308	9/23/2015	Planned Outage	3.88	1	3.88
1132311	9/23/2015	Planned Outage	300.18	7	42.88
1132312	9/23/2015	Planned Outage	713.5	10	71.35
1132319	9/23/2015	Planned Outage	130.07	2	65.03
1132327	9/23/2015	Planned Outage	17.82	1	17.82
1132328	9/23/2015	Planned Outage	397.9	3	132.63
1132329	9/23/2015	Planned Outage	65.22	7	9.32
1132344	9/23/2015	Planned Outage	14.07	1	14.07
1132350	9/23/2015	Planned Outage	5010.13	8	626.27
1132519	9/24/2015	Planned Outage	165.62	1	165.62
1132523	9/24/2015	Planned Outage	918.4	6	153.07
1132524	9/24/2015	Planned Outage	2969.85	9	329.98
1132527	9/24/2015	Planned Outage	401.25	3	133.75
1132528	9/24/2015	Planned Outage	171.83	1	171.83
1132529	9/24/2015	Planned Outage	125.35	1	125.35
1132531	9/24/2015	Planned Outage	568.67	8	71.08
1132533	9/24/2015	Planned Outage	280.13	2	140.07

Appendix 1

2015 Planned Outages Table

1132534	9/24/2015	Planned Outage	110.2	4	27.55
1132535	9/24/2015	Planned Outage	600.95	7	85.85
1132537	9/24/2015	Planned Outage	546.63	23	23.77
1132538	9/24/2015	Planned Outage	43.05	3	14.35
1132539	9/24/2015	Planned Outage	53.47	4	13.37
1132542	9/24/2015	Planned Outage	514.15	7	73.45
1132552	9/24/2015	Planned Outage	4253.2	42	101.27
1132553	9/24/2015	Planned Outage	2649.45	9	294.38
1132556	9/24/2015	Planned Outage	50.4	2	25.2
1132559	9/24/2015	Planned Outage	96.38	1	96.38
1132560	9/24/2015	Planned Outage	13.12	1	13.12
1132572	9/24/2015	Planned Outage	12.22	1	12.22
1132575	9/24/2015	Planned Outage	2347.15	23	102.05
1132578	9/24/2015	Planned Outage	278.4	6	46.4
1132644	9/24/2015	Planned Outage	99.4	7	14.2
1132649	9/24/2015	Planned Outage	19.77	1	19.77
1132666	9/25/2015	Planned Outage	83.83	1	83.83
1132679	9/25/2015	Planned Outage	25.92	1	25.92
1132680	9/25/2015	Planned Outage	282.37	2	141.18
1132683	9/25/2015	Planned Outage	64.47	4	16.12
1132685	9/25/2015	Planned Outage	119.65	1	119.65
1132690	9/25/2015	Planned Outage	66.77	1	66.77
1132691	9/25/2015	Planned Outage	8833.5	78	113.25
1132711	9/25/2015	Planned Outage	75.33	5	15.07
1132715	9/25/2015	Planned Outage	52.92	5	10.58
1132723	9/25/2015	Planned Outage	52.2	3	17.4
1132727	9/25/2015	Planned Outage	170.5	6	28.42
1132779	9/26/2015	Planned Outage	215.9	1	215.9
1132786	9/26/2015	Planned Outage	6	1	6
1132863	9/27/2015	Planned Outage	52.85	7	7.55
1133451	9/28/2015	Planned Outage	31.3	1	31.3
1133742	9/28/2015	Planned Outage	19.68	1	19.68
1133863	9/28/2015	Planned Outage	105.3	6	17.55
1133904	9/28/2015	Planned Outage	61.2	4	15.3
1133911	9/28/2015	Planned Outage	400.1	6	66.68
1133998	9/29/2015	Planned Outage	140.65	1	140.65
1134024	9/29/2015	Planned Outage	43.78	1	43.78
1134029	9/29/2015	Planned Outage	26.78	1	26.78
1134037	9/29/2015	Planned Outage	84.4	3	28.13
1134044	9/29/2015	Planned Outage	4058.4	36	112.73
1134047	9/29/2015	Planned Outage	64.35	1	64.35
1134052	9/29/2015	Planned Outage	62	1	62
1134076	9/29/2015	Planned Outage	121.2	2	60.6
1134087	9/29/2015	Planned Outage	62.8	3	20.93
1134091	9/29/2015	Planned Outage	28.7	1	28.7
1134107	9/29/2015	Planned Outage	22.45	1	22.45
1134139	9/29/2015	Planned Outage	31	5	6.2
1134145	9/29/2015	Planned Outage	32.58	1	32.58
1134153	9/29/2015	Planned Outage	41.87	4	10.47

Appendix 1

2015 Planned Outages Table

1134206	9/30/2015	Planned Outage	278.43	2	139.22
1134207	9/30/2015	Planned Outage	117.75	1	117.75
1134211	9/30/2015	Planned Outage	1920.53	8	240.07
1134224	9/30/2015	Planned Outage	224.93	4	56.23
1134226	9/30/2015	Planned Outage	478.4	3	159.47
1134232	9/30/2015	Planned Outage	7830.85	57	137.38
1134242	9/30/2015	Planned Outage	834	6	139
1134255	9/30/2015	Planned Outage	371.53	4	92.88
1134263	9/30/2015	Planned Outage	8.07	4	2.02
1134271	9/30/2015	Planned Outage	60.7	2	30.35
1134275	9/30/2015	Planned Outage	70.27	2	35.13
1134281	9/30/2015	Planned Outage	24.55	1	24.55
1134316	9/30/2015	Planned Outage	839.67	10	83.97
1134621	9/30/2015	Planned Outage	68.25	3	22.75
1134660	10/1/2015	Planned Outage	1009.17	7	144.17
1134661	10/1/2015	Planned Outage	176.33	2	88.17
1134665	10/1/2015	Planned Outage	38.53	4	9.63
1134671	10/1/2015	Planned Outage	12.97	1	12.97
1134673	10/1/2015	Planned Outage	71.08	1	71.08
1134674	10/1/2015	Planned Outage	241.35	3	80.45
1134676	10/1/2015	Planned Outage	212.8	1	212.8
1134677	10/1/2015	Planned Outage	162.33	4	40.58
1134684	10/1/2015	Planned Outage	52.87	2	26.43
1134695	10/1/2015	Planned Outage	150.05	1	150.05
1134697	10/1/2015	Planned Outage	849.5	10	84.95
1134699	10/1/2015	Planned Outage	856.67	10	85.67
1134706	10/1/2015	Planned Outage	105.6	2	52.8
1134708	10/1/2015	Planned Outage	21.77	1	21.77
1134709	10/1/2015	Planned Outage	635.33	40	15.88
1134712	10/1/2015	Planned Outage	105.23	7	15.03
1134713	10/1/2015	Planned Outage	2627.07	323	8.13
1134716	10/1/2015	Planned Outage	144.9	21	6.9
1134720	10/1/2015	Planned Outage	69.33	2	34.67
1134723	10/1/2015	Planned Outage	527.82	11	47.98
1134725	10/1/2015	Planned Outage	428.85	9	47.65
1134734	10/1/2015	Planned Outage	255.07	2	127.53
1134742	10/1/2015	Planned Outage	257.53	4	64.38
1134748	10/1/2015	Planned Outage	37	1	37
1134754	10/1/2015	Planned Outage	8844.23	71	124.57
1134789	10/1/2015	Planned Outage	8.07	1	8.07
1134818	10/2/2015	Planned Outage	27.38	1	27.38
1134824	10/2/2015	Planned Outage	284.5	2	142.25
1134829	10/2/2015	Planned Outage	20.67	4	5.17
1134836	10/2/2015	Planned Outage	1985.32	17	116.78
1134840	10/2/2015	Planned Outage	65.57	1	65.57
1134842	10/2/2015	Planned Outage	309.38	19	16.28
1134843	10/2/2015	Planned Outage	377	5	75.4
1134844	10/2/2015	Planned Outage	14.93	2	7.47
1134849	10/2/2015	Planned Outage	405.3	63	6.43

Appendix 1

2015 Planned Outages Table

1134856	10/2/2015	Planned Outage	286.03	2	143.02
1134857	10/2/2015	Planned Outage	10.28	1	10.28
1134859	10/2/2015	Planned Outage	301.93	7	43.13
1134869	10/2/2015	Planned Outage	111.2	3	37.07
1134876	10/2/2015	Planned Outage	798.93	8	99.87
1134877	10/2/2015	Planned Outage	15.07	1	15.07
1134878	10/2/2015	Planned Outage	186.2	4	46.55
1134903	10/2/2015	Planned Outage	17.95	1	17.95
1134918	10/2/2015	Planned Outage	11.15	1	11.15
1134958	10/3/2015	Planned Outage	39.25	5	7.85
1135168	10/4/2015	Planned Outage	82.23	2	41.12
1135228	10/5/2015	Planned Outage	7.22	1	7.22
1135231	10/5/2015	Planned Outage	4701.67	35	134.33
1135233	10/5/2015	Planned Outage	248.03	2	124.02
1135242	10/5/2015	Planned Outage	2889.83	14	206.42
1135246	10/5/2015	Planned Outage	5785.45	201	28.78
1135249	10/5/2015	Planned Outage	171.67	4	42.92
1135252	10/5/2015	Planned Outage	78.08	1	78.08
1135261	10/5/2015	Planned Outage	2445.67	23	106.33
1135276	10/5/2015	Planned Outage	168.6	4	42.15
1135288	10/5/2015	Planned Outage	3470.25	35	99.15
1135301	10/5/2015	Planned Outage	50.27	4	12.57
1135315	10/5/2015	Planned Outage	122.3	1	122.3
1135324	10/5/2015	Planned Outage	43.45	3	14.48
1135332	10/5/2015	Planned Outage	40.78	1	40.78
1135351	10/6/2015	Planned Outage	2759.35	11	250.85
1135367	10/6/2015	Planned Outage	78.83	2	39.42
1135375	10/6/2015	Planned Outage	53.22	1	53.22
1135376	10/6/2015	Planned Outage	7326.08	35	209.32
1135379	10/6/2015	Planned Outage	445.78	7	63.68
1135383	10/6/2015	Planned Outage	1814.3	6	302.38
1135384	10/6/2015	Planned Outage	53.9	2	26.95
1135385	10/6/2015	Planned Outage	20.33	4	5.08
1135392	10/6/2015	Planned Outage	1708.9	6	284.82
1135393	10/6/2015	Planned Outage	1050.93	8	131.37
1135394	10/6/2015	Planned Outage	71.22	1	71.22
1135396	10/6/2015	Planned Outage	296.22	7	42.32
1135398	10/6/2015	Planned Outage	143.53	4	35.88
1135399	10/6/2015	Planned Outage	2059.05	7	294.15
1135402	10/6/2015	Planned Outage	22.48	1	22.48
1135426	10/6/2015	Planned Outage	440	2	220
1135429	10/6/2015	Planned Outage	123.33	4	30.83
1135448	10/6/2015	Planned Outage	264	8	33
1135450	10/6/2015	Planned Outage	5.98	1	5.98
1135458	10/6/2015	Planned Outage	99.22	1	99.22
1135465	10/6/2015	Planned Outage	280.43	2	140.22
1135489	10/7/2015	Planned Outage	137.8	4	34.45
1135496	10/7/2015	Planned Outage	1316	35	37.6
1135502	10/7/2015	Planned Outage	96.17	2	48.08

Appendix 1

2015 Planned Outages Table

1135526	10/7/2015	Planned Outage	66.93	1	66.93
1135530	10/7/2015	Planned Outage	29	1	29
1135535	10/7/2015	Planned Outage	874.75	3	291.58
1135537	10/7/2015	Planned Outage	297.97	7	42.57
1135538	10/7/2015	Planned Outage	238.55	1	238.55
1135539	10/7/2015	Planned Outage	259.5	3	86.5
1135542	10/7/2015	Planned Outage	1322.9	6	220.48
1135547	10/7/2015	Planned Outage	72.77	2	36.38
1135550	10/7/2015	Planned Outage	26.75	1	26.75
1135551	10/7/2015	Planned Outage	26.55	1	26.55
1135555	10/7/2015	Planned Outage	9141.62	53	172.48
1135556	10/7/2015	Planned Outage	6900.67	40	172.52
1135566	10/7/2015	Planned Outage	125.27	2	62.63
1135567	10/7/2015	Planned Outage	28.27	1	28.27
1135572	10/7/2015	Planned Outage	27.48	1	27.48
1135577	10/7/2015	Planned Outage	89	1	89
1135578	10/7/2015	Planned Outage	6.05	1	6.05
1135591	10/7/2015	Planned Outage	12.9	1	12.9
1135649	10/8/2015	Planned Outage	551	2	275.5
1135667	10/8/2015	Planned Outage	308	3	102.67
1135670	10/8/2015	Planned Outage	2450.7	54	45.38
1135683	10/8/2015	Planned Outage	55.67	1	55.67
1135695	10/8/2015	Planned Outage	115.17	1	115.17
1135697	10/8/2015	Planned Outage	114.33	1	114.33
1135704	10/8/2015	Planned Outage	7.82	1	7.82
1135798	10/8/2015	Planned Outage	787.47	4	196.87
1135800	10/8/2015	Planned Outage	97.57	1	97.57
1135814	10/8/2015	Planned Outage	215.37	2	107.68
1135816	10/8/2015	Planned Outage	56.6	1	56.6
1135820	10/8/2015	Planned Outage	60.22	1	60.22
1135822	10/8/2015	Planned Outage	14.55	1	14.55
1135825	10/8/2015	Planned Outage	38.63	2	19.32
1135832	10/8/2015	Planned Outage	16.13	1	16.13
1135833	10/8/2015	Planned Outage	402.87	4	100.72
1135836	10/8/2015	Planned Outage	219.22	1	219.22
1135840	10/8/2015	Planned Outage	9.57	1	9.57
1135841	10/8/2015	Planned Outage	447.85	3	149.28
1135842	10/8/2015	Planned Outage	152.5	6	25.42
1135843	10/8/2015	Planned Outage	70	3	23.33
1135844	10/8/2015	Planned Outage	40.67	2	20.33
1135847	10/8/2015	Planned Outage	17.07	1	17.07
1135850	10/8/2015	Planned Outage	10.62	1	10.62
1135851	10/8/2015	Planned Outage	11.4	1	11.4
1135862	10/8/2015	Planned Outage	76	3	25.33
1135884	10/9/2015	Planned Outage	251.53	7	35.93
1135901	10/9/2015	Planned Outage	24.78	1	24.78
1135903	10/9/2015	Planned Outage	42.95	1	42.95
1135905	10/9/2015	Planned Outage	204.63	1	204.63
1135909	10/9/2015	Planned Outage	59.47	2	29.73

Appendix 1

2015 Planned Outages Table

1135910	10/9/2015	Planned Outage	20.55	1	20.55
1135911	10/9/2015	Planned Outage	60.78	1	60.78
1135912	10/9/2015	Planned Outage	61	1	61
1135913	10/9/2015	Planned Outage	56.48	1	56.48
1135919	10/9/2015	Planned Outage	111.77	1	111.77
1135921	10/9/2015	Planned Outage	28.77	2	14.38
1135923	10/9/2015	Planned Outage	6.4	2	3.2
1135927	10/9/2015	Planned Outage	103.5	5	20.7
1135938	10/9/2015	Planned Outage	335	4	83.75
1135941	10/9/2015	Planned Outage	23.17	1	23.17
1135949	10/9/2015	Planned Outage	150.33	10	15.03
1135953	10/9/2015	Planned Outage	118.07	4	29.52
1135977	10/9/2015	Planned Outage	17.83	1	17.83
1136111	10/11/2015	Planned Outage	4437	9	493
1136112	10/11/2015	Planned Outage	5.45	1	5.45
1136207	10/12/2015	Planned Outage	146.73	4	36.68
1136223	10/12/2015	Planned Outage	65.45	3	21.82
1136227	10/12/2015	Planned Outage	63.4	1	63.4
1136229	10/12/2015	Planned Outage	52.83	1	52.83
1136230	10/12/2015	Planned Outage	52.67	1	52.67
1136233	10/12/2015	Planned Outage	54.47	2	27.23
1136234	10/12/2015	Planned Outage	4304.3	143	30.1
1136240	10/12/2015	Planned Outage	133.3	2	66.65
1136242	10/12/2015	Planned Outage	83.02	1	83.02
1136243	10/12/2015	Planned Outage	92.83	2	46.42
1136244	10/12/2015	Planned Outage	432.8	3	144.27
1136246	10/12/2015	Planned Outage	70.43	1	70.43
1136250	10/12/2015	Planned Outage	129.6	3	43.2
1136252	10/12/2015	Planned Outage	29.15	1	29.15
1136253	10/12/2015	Planned Outage	451.4	3	150.47
1136256	10/12/2015	Planned Outage	132.08	5	26.42
1136257	10/12/2015	Planned Outage	265	10	26.5
1136258	10/12/2015	Planned Outage	113.08	1	113.08
1136262	10/12/2015	Planned Outage	5.75	1	5.75
1136264	10/12/2015	Planned Outage	65.93	4	16.48
1136265	10/12/2015	Planned Outage	18.1	6	3.02
1136266	10/12/2015	Planned Outage	12.6	6	2.1
1136267	10/12/2015	Planned Outage	1.38	1	1.38
1136271	10/12/2015	Planned Outage	136.52	1	136.52
1136272	10/12/2015	Planned Outage	118.87	4	29.72
1136279	10/12/2015	Planned Outage	106.2	4	26.55
1136281	10/12/2015	Planned Outage	59.65	1	59.65
1136287	10/12/2015	Planned Outage	63.7	21	3.03
1136290	10/12/2015	Planned Outage	1035.65	21	49.32
1136291	10/12/2015	Planned Outage	658.87	1	658.87
1136292	10/12/2015	Planned Outage	106.25	5	21.25
1136300	10/12/2015	Planned Outage	28.77	2	14.38
1136305	10/12/2015	Planned Outage	454.4	4	113.6
1136309	10/12/2015	Planned Outage	60.13	4	15.03

Appendix 1

2015 Planned Outages Table

1136330	10/13/2015	Planned Outage	4844.13	94	51.53
1136339	10/13/2015	Planned Outage	67.33	1	67.33
1136352	10/13/2015	Planned Outage	188.38	1	188.38
1136353	10/13/2015	Planned Outage	78.3	1	78.3
1136355	10/13/2015	Planned Outage	32.52	1	32.52
1136357	10/13/2015	Planned Outage	963.8	3	321.27
1136362	10/13/2015	Planned Outage	24.98	1	24.98
1136366	10/13/2015	Planned Outage	49.28	1	49.28
1136371	10/13/2015	Planned Outage	111.72	1	111.72
1136372	10/13/2015	Planned Outage	108.98	1	108.98
1136374	10/13/2015	Planned Outage	184.9	2	92.45
1136375	10/13/2015	Planned Outage	160.2	4	40.05
1136378	10/13/2015	Planned Outage	172.6	6	28.77
1136379	10/13/2015	Planned Outage	56.7	9	6.3
1136389	10/13/2015	Planned Outage	15.73	1	15.73
1136392	10/13/2015	Planned Outage	1015.12	77	13.18
1136396	10/13/2015	Planned Outage	92.47	2	46.23
1136402	10/13/2015	Planned Outage	30.65	3	10.22
1136404	10/13/2015	Planned Outage	5820.8	204	28.53
1136411	10/13/2015	Planned Outage	5883.25	303	19.42
1136413	10/13/2015	Planned Outage	824.13	8	103.02
1136414	10/13/2015	Planned Outage	2163.35	21	103.02
1136415	10/13/2015	Planned Outage	206.03	2	103.02
1136416	10/13/2015	Planned Outage	237.3	3	79.1
1136433	10/13/2015	Planned Outage	3141.1	303	10.37
1136470	10/14/2015	Planned Outage	1104.3	81	13.63
1136485	10/14/2015	Planned Outage	53.22	1	53.22
1136492	10/14/2015	Planned Outage	343.57	2	171.78
1136494	10/14/2015	Planned Outage	573.47	4	143.37
1136495	10/14/2015	Planned Outage	238.9	2	119.45
1136497	10/14/2015	Planned Outage	67.8	3	22.6
1136498	10/14/2015	Planned Outage	112.58	5	22.52
1136499	10/14/2015	Planned Outage	267.7	3	89.23
1136503	10/14/2015	Planned Outage	147.8	1	147.8
1136505	10/14/2015	Planned Outage	401.92	7	57.42
1136512	10/14/2015	Planned Outage	147.95	3	49.32
1136513	10/14/2015	Planned Outage	6.07	2	3.03
1136519	10/14/2015	Planned Outage	145.93	4	36.48
1136522	10/14/2015	Planned Outage	254.1	6	42.35
1136523	10/14/2015	Planned Outage	1031.7	18	57.32
1136527	10/14/2015	Planned Outage	691.72	49	14.12
1136531	10/14/2015	Planned Outage	325.17	2	162.58
1136532	10/14/2015	Planned Outage	8.27	2	4.13
1136533	10/14/2015	Planned Outage	41.53	1	41.53
1136537	10/14/2015	Planned Outage	4.55	1	4.55
1136538	10/14/2015	Planned Outage	42.47	1	42.47
1136553	10/14/2015	Planned Outage	48.8	1	48.8
1136555	10/14/2015	Planned Outage	188.93	1	188.93
1136588	10/15/2015	Planned Outage	353.97	2	176.98

Appendix 1

2015 Planned Outages Table

1136589	10/15/2015	Planned Outage	581.17	11	52.83
1136603	10/15/2015	Planned Outage	107.25	3	35.75
1136604	10/15/2015	Planned Outage	625.2	4	156.3
1136606	10/15/2015	Planned Outage	20637	108	191.08
1136612	10/15/2015	Planned Outage	228.03	2	114.02
1136615	10/15/2015	Planned Outage	228.25	3	76.08
1136617	10/15/2015	Planned Outage	1050.7	14	75.05
1136624	10/15/2015	Planned Outage	80.67	1	80.67
1136625	10/15/2015	Planned Outage	137.7	2	68.85
1136640	10/15/2015	Planned Outage	220.33	4	55.08
1136643	10/15/2015	Planned Outage	819.07	8	102.38
1136653	10/15/2015	Planned Outage	29.57	1	29.57
1136670	10/15/2015	Planned Outage	176.4	3	58.8
1136671	10/15/2015	Planned Outage	58.37	1	58.37
1136672	10/15/2015	Planned Outage	213.2	2	106.6
1136676	10/15/2015	Planned Outage	5077.4	53	95.8
1136681	10/15/2015	Planned Outage	59.1	3	19.7
1136683	10/15/2015	Planned Outage	33.17	5	6.63
1136686	10/15/2015	Planned Outage	71.17	5	14.23
1136692	10/15/2015	Planned Outage	49.9	1	49.9
1136694	10/15/2015	Planned Outage	199.87	8	24.98
1136723	10/15/2015	Planned Outage	920	4	230
1136733	10/15/2015	Planned Outage	136.25	5	27.25
1136746	10/16/2015	Planned Outage	69.25	3	23.08
1136750	10/16/2015	Planned Outage	35.1	3	11.7
1136758	10/16/2015	Planned Outage	5.05	1	5.05
1136760	10/16/2015	Planned Outage	15.07	2	7.53
1136765	10/16/2015	Planned Outage	106.07	1	106.07
1136779	10/16/2015	Planned Outage	984.83	10	98.48
1136783	10/16/2015	Planned Outage	31.17	1	31.17
1136786	10/16/2015	Planned Outage	15.27	1	15.27
1136791	10/16/2015	Planned Outage	57.73	1	57.73
1136792	10/16/2015	Planned Outage	548.17	11	49.83
1136795	10/16/2015	Planned Outage	349.5	9	38.83
1136797	10/16/2015	Planned Outage	7.57	1	7.57
1136798	10/16/2015	Planned Outage	12.57	1	12.57
1136805	10/16/2015	Planned Outage	17.42	1	17.42
1136810	10/16/2015	Planned Outage	145	1	145
1136812	10/16/2015	Planned Outage	463.75	7	66.25
1136813	10/16/2015	Planned Outage	94	3	31.33
1136821	10/16/2015	Planned Outage	40.98	1	40.98
1136823	10/16/2015	Planned Outage	53.45	3	17.82
1136832	10/16/2015	Planned Outage	112	1	112
1136833	10/16/2015	Planned Outage	51	1	51
1136857	10/16/2015	Planned Outage	29.05	1	29.05
1136887	10/17/2015	Planned Outage	46.32	1	46.32
1136941	10/17/2015	Planned Outage	1752.42	5	350.48
1137007	10/18/2015	Planned Outage	9.72	1	9.72
1137048	10/18/2015	Planned Outage	96.78	1	96.78

Appendix 1

2015 Planned Outages Table

1137127	10/19/2015	Planned Outage	70.47	4	17.62
1137128	10/19/2015	Planned Outage	19.68	1	19.68
1137131	10/19/2015	Planned Outage	71.75	3	23.92
1137140	10/19/2015	Planned Outage	1012.27	4	253.07
1137141	10/19/2015	Planned Outage	161.67	4	40.42
1137142	10/19/2015	Planned Outage	26.75	1	26.75
1137144	10/19/2015	Planned Outage	2871.93	92	31.22
1137147	10/19/2015	Planned Outage	130.35	3	43.45
1137148	10/19/2015	Planned Outage	285.27	1	285.27
1137158	10/19/2015	Planned Outage	306.05	3	102.02
1137164	10/19/2015	Planned Outage	106.98	1	106.98
1137165	10/19/2015	Planned Outage	86.45	1	86.45
1137169	10/19/2015	Planned Outage	33.1	1	33.1
1137177	10/19/2015	Planned Outage	169.6	4	42.4
1137182	10/19/2015	Planned Outage	71.2	2	35.6
1137185	10/19/2015	Planned Outage	250.67	4	62.67
1137187	10/19/2015	Planned Outage	255.6	8	31.95
1137202	10/19/2015	Planned Outage	219.17	5	43.83
1137304	10/19/2015	Planned Outage	270.5	2	135.25
1137308	10/19/2015	Planned Outage	125.6	4	31.4
1137352	10/19/2015	Planned Outage	161.9	3	53.97
1137353	10/19/2015	Planned Outage	272.08	5	54.42
1137361	10/20/2015	Planned Outage	399.23	7	57.03
1137363	10/20/2015	Planned Outage	121.47	1	121.47
1137364	10/20/2015	Planned Outage	773.5	7	110.5
1137366	10/20/2015	Planned Outage	62.25	1	62.25
1137367	10/20/2015	Planned Outage	34.93	1	34.93
1137368	10/20/2015	Planned Outage	288.8	8	36.1
1137370	10/20/2015	Planned Outage	679.33	8	84.92
1137384	10/20/2015	Planned Outage	1235.5	10	123.55
1137387	10/20/2015	Planned Outage	132.35	3	44.12
1137392	10/20/2015	Planned Outage	196	12	16.33
1137395	10/20/2015	Planned Outage	57.8	6	9.63
1137397	10/20/2015	Planned Outage	16.85	1	16.85
1137418	10/20/2015	Planned Outage	102	1	102
1137423	10/20/2015	Planned Outage	24.07	1	24.07
1137428	10/20/2015	Planned Outage	7.5	1	7.5
1137430	10/20/2015	Planned Outage	66.22	1	66.22
1137431	10/20/2015	Planned Outage	1078.23	7	154.03
1137434	10/20/2015	Planned Outage	183	1	183
1137435	10/20/2015	Planned Outage	58.15	1	58.15
1137440	10/20/2015	Planned Outage	904.75	5	180.95
1137448	10/20/2015	Planned Outage	644.1	3	214.7
1137452	10/20/2015	Planned Outage	100.03	1	100.03
1137455	10/20/2015	Planned Outage	147.2	3	49.07
1137462	10/20/2015	Planned Outage	29.23	1	29.23
1137463	10/20/2015	Planned Outage	117.77	1	117.77
1137469	10/20/2015	Planned Outage	43.63	1	43.63
1137472	10/20/2015	Planned Outage	62.17	1	62.17

Appendix 1

2015 Planned Outages Table

1137473	10/20/2015	Planned Outage	115	1	115
1137479	10/20/2015	Planned Outage	1.4	1	1.4
1137480	10/20/2015	Planned Outage	564	6	94
1137498	10/20/2015	Planned Outage	3.27	1	3.27
1137502	10/20/2015	Planned Outage	11.05	1	11.05
1137512	10/20/2015	Planned Outage	671.4	4	167.85
1137533	10/20/2015	Planned Outage	75.83	1	75.83
1137573	10/21/2015	Planned Outage	251.05	1	251.05
1137580	10/21/2015	Planned Outage	160.25	1	160.25
1137582	10/21/2015	Planned Outage	319.13	2	159.57
1137592	10/21/2015	Planned Outage	831.83	5	166.37
1137593	10/21/2015	Planned Outage	805.93	22	36.63
1137595	10/21/2015	Planned Outage	781.08	5	156.22
1137596	10/21/2015	Planned Outage	832.07	4	208.02
1137597	10/21/2015	Planned Outage	597.8	4	149.45
1137604	10/21/2015	Planned Outage	578.9	7	82.7
1137605	10/21/2015	Planned Outage	23.7	1	23.7
1137611	10/21/2015	Planned Outage	227.25	5	45.45
1137612	10/21/2015	Planned Outage	245.3	6	40.88
1137613	10/21/2015	Planned Outage	41.15	3	13.72
1137615	10/21/2015	Planned Outage	6327	18	351.5
1137624	10/21/2015	Planned Outage	627.07	8	78.38
1137626	10/21/2015	Planned Outage	29.15	3	9.72
1137627	10/21/2015	Planned Outage	22.3	2	11.15
1137628	10/21/2015	Planned Outage	19.53	2	9.77
1137629	10/21/2015	Planned Outage	9.03	1	9.03
1137630	10/21/2015	Planned Outage	203.9	3	67.97
1137632	10/21/2015	Planned Outage	148.4	8	18.55
1137633	10/21/2015	Planned Outage	421.7	3	140.57
1137635	10/21/2015	Planned Outage	641.5	5	128.3
1137636	10/21/2015	Planned Outage	44.07	2	22.03
1137637	10/21/2015	Planned Outage	3.2	2	1.6
1137638	10/21/2015	Planned Outage	61.87	2	30.93
1137639	10/21/2015	Planned Outage	1026	9	114
1137644	10/21/2015	Planned Outage	90.2	4	22.55
1137645	10/21/2015	Planned Outage	99.97	2	49.98
1137647	10/21/2015	Planned Outage	56.95	3	18.98
1137648	10/21/2015	Planned Outage	3.3	1	3.3
1137651	10/21/2015	Planned Outage	1724.5	30	57.48
1137659	10/21/2015	Planned Outage	6.1	1	6.1
1137662	10/21/2015	Planned Outage	149.35	3	49.78
1137663	10/21/2015	Planned Outage	228.03	1	228.03
1137667	10/21/2015	Planned Outage	70.3	2	35.15
1137668	10/21/2015	Planned Outage	28.22	1	28.22
1137670	10/21/2015	Planned Outage	49.85	3	16.62
1137671	10/21/2015	Planned Outage	228	10	22.8
1137673	10/21/2015	Planned Outage	340.08	7	48.58
1137676	10/21/2015	Planned Outage	306.6	3	102.2
1137688	10/21/2015	Planned Outage	213.03	22	9.68

Appendix 1

2015 Planned Outages Table

1137690	10/21/2015	Planned Outage	179.05	3	59.68
1137694	10/21/2015	Planned Outage	559	20	27.95
1137710	10/21/2015	Planned Outage	110.17	5	22.03
1137712	10/21/2015	Planned Outage	22.37	2	11.18
1137714	10/21/2015	Planned Outage	7.25	1	7.25
1137715	10/21/2015	Planned Outage	3.58	1	3.58
1137717	10/21/2015	Planned Outage	174.88	7	24.98
1137719	10/21/2015	Planned Outage	69.6	1	69.6
1137722	10/22/2015	Planned Outage	201.83	35	5.77
1137725	10/22/2015	Planned Outage	645.63	14	46.12
1137727	10/22/2015	Planned Outage	16.85	3	5.62
1137728	10/22/2015	Planned Outage	101.2	8	12.65
1137733	10/22/2015	Planned Outage	10.48	1	10.48
1137734	10/22/2015	Planned Outage	129.77	2	64.88
1137735	10/22/2015	Planned Outage	123	2	61.5
1137739	10/22/2015	Planned Outage	1309.67	4	327.42
1137742	10/22/2015	Planned Outage	52.7	1	52.7
1137744	10/22/2015	Planned Outage	40.45	3	13.48
1137745	10/22/2015	Planned Outage	241.27	4	60.32
1137750	10/22/2015	Planned Outage	24.5	3	8.17
1137753	10/22/2015	Planned Outage	29.4	4	7.35
1137754	10/22/2015	Planned Outage	75.5	6	12.58
1137760	10/22/2015	Planned Outage	217.7	7	31.1
1137761	10/22/2015	Planned Outage	112.85	3	37.62
1137763	10/22/2015	Planned Outage	340.45	3	113.48
1137772	10/22/2015	Planned Outage	24	1	24
1137775	10/22/2015	Planned Outage	136	4	34
1137778	10/22/2015	Planned Outage	1215.67	10	121.57
1137838	10/22/2015	Planned Outage	2584	76	34
1137842	10/22/2015	Planned Outage	311.78	13	23.98
1137883	10/22/2015	Planned Outage	16.8	2	8.4
1137884	10/22/2015	Planned Outage	7.6	1	7.6
1137885	10/22/2015	Planned Outage	858	2	429
1137886	10/22/2015	Planned Outage	8.42	1	8.42
1137887	10/22/2015	Planned Outage	3.52	1	3.52
1137888	10/22/2015	Planned Outage	3.45	3	1.15
1137890	10/23/2015	Planned Outage	12.12	1	12.12
1137891	10/23/2015	Planned Outage	9.05	1	9.05
1137892	10/23/2015	Planned Outage	18.05	1	18.05
1137894	10/23/2015	Planned Outage	15.87	2	7.93
1137895	10/23/2015	Planned Outage	23.27	4	5.82
1137896	10/23/2015	Planned Outage	1.6	1	1.6
1137898	10/23/2015	Planned Outage	1.7	1	1.7
1137907	10/23/2015	Planned Outage	1.02	1	1.02
1137908	10/23/2015	Planned Outage	20.98	1	20.98
1137912	10/23/2015	Planned Outage	26.13	2	13.07
1137921	10/23/2015	Planned Outage	1209.28	37	32.68
1137926	10/23/2015	Planned Outage	98.65	1	98.65
1137927	10/23/2015	Planned Outage	201.43	2	100.72

Appendix 1

2015 Planned Outages Table

1137930	10/23/2015	Planned Outage	55.87	1	55.87
1137932	10/23/2015	Planned Outage	53.25	1	53.25
1137936	10/23/2015	Planned Outage	78	2	39
1137937	10/23/2015	Planned Outage	138	2	69
1137939	10/23/2015	Planned Outage	940.22	7	134.32
1137940	10/23/2015	Planned Outage	108	6	18
1137944	10/23/2015	Planned Outage	127.93	4	31.98
1137946	10/23/2015	Planned Outage	48.8	2	24.4
1137951	10/23/2015	Planned Outage	90.98	1	90.98
1137952	10/23/2015	Planned Outage	38	2	19
1137953	10/23/2015	Planned Outage	192.83	2	96.42
1137954	10/23/2015	Planned Outage	191.2	4	47.8
1137955	10/23/2015	Planned Outage	55.42	1	55.42
1137965	10/23/2015	Planned Outage	30.77	1	30.77
1137981	10/23/2015	Planned Outage	9.98	1	9.98
1137985	10/23/2015	Planned Outage	33.17	2	16.58
1137997	10/24/2015	Planned Outage	103.47	8	12.93
1137998	10/24/2015	Planned Outage	11.17	10	1.12
1137999	10/24/2015	Planned Outage	128.67	5	25.73
1138002	10/24/2015	Planned Outage	186.43	14	13.32
1138004	10/24/2015	Planned Outage	42.15	3	14.05
1138008	10/24/2015	Planned Outage	622	1	622
1138038	10/24/2015	Planned Outage	18.17	1	18.17
1138039	10/24/2015	Planned Outage	88	8	11
1138042	10/24/2015	Planned Outage	157.2	3	52.4
1138134	10/25/2015	Planned Outage	24.88	1	24.88
1138147	10/25/2015	Planned Outage	19.37	2	9.68
1138222	10/26/2015	Planned Outage	214.27	4	53.57
1138283	10/26/2015	Planned Outage	377	1	377
1139489	10/26/2015	Planned Outage	130.87	4	32.72
1139720	10/27/2015	Planned Outage	43.32	1	43.32
1139853	10/27/2015	Planned Outage	51.75	1	51.75
1139870	10/27/2015	Planned Outage	1736	21	82.67
1139903	10/27/2015	Planned Outage	67.47	1	67.47
1139908	10/27/2015	Planned Outage	59.87	1	59.87
1139921	10/27/2015	Planned Outage	450.43	2	225.22
1139922	10/27/2015	Planned Outage	224.78	1	224.78
1139937	10/27/2015	Planned Outage	72.87	2	36.43
1139984	10/27/2015	Planned Outage	19.57	2	9.78
1139988	10/27/2015	Planned Outage	82.3	3	27.43
1140004	10/27/2015	Planned Outage	191	1	191
1140036	10/27/2015	Planned Outage	3.75	1	3.75
1140040	10/28/2015	Planned Outage	89.03	2	44.52
1140111	10/28/2015	Planned Outage	15.65	1	15.65
1140113	10/28/2015	Planned Outage	83.32	1	83.32
1140119	10/28/2015	Planned Outage	132	3	44
1140122	10/28/2015	Planned Outage	7079.67	67	105.67
1140123	10/28/2015	Planned Outage	1002.5	6	167.08
1140124	10/28/2015	Planned Outage	362.33	5	72.47

Appendix 1

2015 Planned Outages Table

1140146	10/28/2015	Planned Outage	246.25	5	49.25
1140160	10/28/2015	Planned Outage	18.18	1	18.18
1140161	10/28/2015	Planned Outage	98.87	2	49.43
1140162	10/28/2015	Planned Outage	488.17	10	48.82
1140169	10/28/2015	Planned Outage	2.8	1	2.8
1140170	10/28/2015	Planned Outage	265.4	6	44.23
1140171	10/28/2015	Planned Outage	110.17	5	22.03
1140173	10/28/2015	Planned Outage	26.68	1	26.68
1140174	10/28/2015	Planned Outage	14.32	1	14.32
1140175	10/28/2015	Planned Outage	17.72	1	17.72
1140187	10/28/2015	Planned Outage	30.35	1	30.35
1140207	10/28/2015	Planned Outage	11.62	1	11.62
1140233	10/29/2015	Planned Outage	1199.67	10	119.97
1140265	10/29/2015	Planned Outage	9.25	1	9.25
1140273	10/29/2015	Planned Outage	144	4	36
1140275	10/29/2015	Planned Outage	223.4	4	55.85
1140281	10/29/2015	Planned Outage	23.4	1	23.4
1140284	10/29/2015	Planned Outage	108.53	1	108.53
1140287	10/29/2015	Planned Outage	138.17	1	138.17
1140288	10/29/2015	Planned Outage	275.73	2	137.87
1140289	10/29/2015	Planned Outage	3890.47	67	58.07
1140295	10/29/2015	Planned Outage	91.1	6	15.18
1140297	10/29/2015	Planned Outage	13.07	1	13.07
1140298	10/29/2015	Planned Outage	647.1	54	11.98
1140386	10/29/2015	Planned Outage	27.4	1	27.4
1140691	10/29/2015	Planned Outage	47.15	1	47.15
1140693	10/29/2015	Planned Outage	150	1	150
1140695	10/29/2015	Planned Outage	424.5	6	70.75
1140698	10/29/2015	Planned Outage	15.98	1	15.98
1140699	10/29/2015	Planned Outage	82.42	5	16.48
1140702	10/29/2015	Planned Outage	55.03	2	27.52
1140703	10/29/2015	Planned Outage	192.6	3	64.2
1140706	10/29/2015	Planned Outage	16.6	1	16.6
1140720	10/29/2015	Planned Outage	163.25	3	54.42
1140721	10/29/2015	Planned Outage	183.2	1	183.2
1140736	10/29/2015	Planned Outage	91.53	4	22.88
1140741	10/29/2015	Planned Outage	24.12	1	24.12
1140744	10/29/2015	Planned Outage	98	3	32.67
1140757	10/29/2015	Planned Outage	20.4	1	20.4
1140811	10/30/2015	Planned Outage	2204	19	116
1140821	10/30/2015	Planned Outage	65.7	1	65.7
1140822	10/30/2015	Planned Outage	4.23	1	4.23
1140827	10/30/2015	Planned Outage	12.5	1	12.5
1140831	10/30/2015	Planned Outage	9.42	1	9.42
1140833	10/30/2015	Planned Outage	34.6	1	34.6
1140834	10/30/2015	Planned Outage	393.17	7	56.17
1140836	10/30/2015	Planned Outage	1067.37	22	48.52
1140837	10/30/2015	Planned Outage	1208.75	25	48.35
1140838	10/30/2015	Planned Outage	5571.07	56	99.48

Appendix 1

2015 Planned Outages Table

1140845	10/30/2015	Planned Outage	56.37	1	56.37
1140846	10/30/2015	Planned Outage	90.3	1	90.3
1140850	10/30/2015	Planned Outage	27.8	4	6.95
1140854	10/30/2015	Planned Outage	28.13	1	28.13
1140856	10/30/2015	Planned Outage	43.15	3	14.38
1140859	10/30/2015	Planned Outage	180	5	36
1140864	10/30/2015	Planned Outage	23.47	1	23.47
1140867	10/30/2015	Planned Outage	81.32	1	81.32
1140872	10/30/2015	Planned Outage	1531.2	96	15.95
1140873	10/30/2015	Planned Outage	15.62	1	15.62
1140931	10/30/2015	Planned Outage	212.77	13	16.37
1141000	10/31/2015	Planned Outage	51.12	1	51.12
1141093	11/1/2015	Planned Outage	24	5	4.8
1141215	11/2/2015	Planned Outage	63.77	2	31.88
1141217	11/2/2015	Planned Outage	62.68	1	62.68
1141270	11/2/2015	Planned Outage	10.8	1	10.8
1141271	11/2/2015	Planned Outage	42.2	2	21.1
1141277	11/2/2015	Planned Outage	91.93	4	22.98
1141281	11/2/2015	Planned Outage	81	3	27
1141283	11/2/2015	Planned Outage	48.27	4	12.07
1141286	11/2/2015	Planned Outage	5.78	1	5.78
1141290	11/2/2015	Planned Outage	1607.87	8	200.98
1141297	11/2/2015	Planned Outage	133.47	2	66.73
1141302	11/2/2015	Planned Outage	55.6	6	9.27
1141303	11/2/2015	Planned Outage	262.5	7	37.5
1141326	11/2/2015	Planned Outage	20	1	20
1141327	11/2/2015	Planned Outage	13.72	1	13.72
1141328	11/2/2015	Planned Outage	273.75	3	91.25
1141330	11/2/2015	Planned Outage	464.67	4	116.17
1141350	11/2/2015	Planned Outage	792.92	5	158.58
1141364	11/2/2015	Planned Outage	41.47	2	20.73
1141366	11/2/2015	Planned Outage	1970.55	9	218.95
1141378	11/2/2015	Planned Outage	140.63	2	70.32
1141385	11/2/2015	Planned Outage	373.67	4	93.42
1141399	11/2/2015	Planned Outage	151.5	3	50.5
1141405	11/2/2015	Planned Outage	35.3	3	11.77
1141415	11/2/2015	Planned Outage	473	1	473
1141419	11/2/2015	Planned Outage	368.93	2	184.47
1141430	11/3/2015	Planned Outage	400.17	2	200.08
1141443	11/3/2015	Planned Outage	1332.5	5	266.5
1141449	11/3/2015	Planned Outage	17.35	1	17.35
1141453	11/3/2015	Planned Outage	105.67	4	26.42
1141454	11/3/2015	Planned Outage	180.48	7	25.78
1141459	11/3/2015	Planned Outage	24.48	1	24.48
1141462	11/3/2015	Planned Outage	21.6	1	21.6
1141463	11/3/2015	Planned Outage	80.22	1	80.22
1141468	11/3/2015	Planned Outage	80.67	4	20.17
1141470	11/3/2015	Planned Outage	116.18	1	116.18
1141472	11/3/2015	Planned Outage	414.4	6	69.07

Appendix 1

2015 Planned Outages Table

1141473	11/3/2015	Planned Outage	4628	78	59.33
1141478	11/3/2015	Planned Outage	300.77	2	150.38
1141481	11/3/2015	Planned Outage	84.05	3	28.02
1141483	11/3/2015	Planned Outage	87.93	2	43.97
1141484	11/3/2015	Planned Outage	34.65	3	11.55
1141485	11/3/2015	Planned Outage	31.8	1	31.8
1141487	11/3/2015	Planned Outage	89.8	3	29.93
1141495	11/3/2015	Planned Outage	29.25	1	29.25
1141498	11/3/2015	Planned Outage	30.95	1	30.95
1141500	11/3/2015	Planned Outage	77.8	1	77.8
1141501	11/3/2015	Planned Outage	334.5	9	37.17
1141503	11/3/2015	Planned Outage	132.75	5	26.55
1141511	11/3/2015	Planned Outage	440	3	146.67
1141512	11/3/2015	Planned Outage	79.17	10	7.92
1141516	11/3/2015	Planned Outage	128	6	21.33
1141518	11/3/2015	Planned Outage	99.13	2	49.57
1141520	11/3/2015	Planned Outage	493.5	9	54.83
1141521	11/3/2015	Planned Outage	89.33	1	89.33
1141537	11/3/2015	Planned Outage	162.27	4	40.57
1141548	11/3/2015	Planned Outage	1218	4	304.5
1141575	11/3/2015	Planned Outage	25.43	1	25.43
1141576	11/3/2015	Planned Outage	223.9	1	223.9
1141598	11/4/2015	Planned Outage	156.85	3	52.28
1141599	11/4/2015	Planned Outage	218.08	1	218.08
1141605	11/4/2015	Planned Outage	230.5	15	15.37
1141611	11/4/2015	Planned Outage	70.15	3	23.38
1141612	11/4/2015	Planned Outage	9.33	1	9.33
1141618	11/4/2015	Planned Outage	511.2	9	56.8
1141619	11/4/2015	Planned Outage	770.13	8	96.27
1141621	11/4/2015	Planned Outage	755	4	188.75
1141622	11/4/2015	Planned Outage	304	4	76
1141623	11/4/2015	Planned Outage	308.7	6	51.45
1141624	11/4/2015	Planned Outage	39.23	1	39.23
1141625	11/4/2015	Planned Outage	39.45	3	13.15
1141626	11/4/2015	Planned Outage	55.2	3	18.4
1141627	11/4/2015	Planned Outage	32.5	6	5.42
1141628	11/4/2015	Planned Outage	11.5	2	5.75
1141632	11/4/2015	Planned Outage	866.53	4	216.63
1141634	11/4/2015	Planned Outage	76.33	1	76.33
1141635	11/4/2015	Planned Outage	97.62	1	97.62
1141636	11/4/2015	Planned Outage	37.88	1	37.88
1141641	11/4/2015	Planned Outage	350.4	9	38.93
1141644	11/4/2015	Planned Outage	138.6	1	138.6
1141646	11/4/2015	Planned Outage	82.3	2	41.15
1141647	11/4/2015	Planned Outage	14.97	1	14.97
1141656	11/4/2015	Planned Outage	18.7	2	9.35
1141658	11/4/2015	Planned Outage	196.67	25	7.87
1141670	11/4/2015	Planned Outage	209.13	2	104.57
1141671	11/4/2015	Planned Outage	180	3	60

Appendix 1

2015 Planned Outages Table

1141674	11/4/2015	Planned Outage	53.07	2	26.53
1141675	11/4/2015	Planned Outage	59.33	2	29.67
1141677	11/4/2015	Planned Outage	880.17	5	176.03
1141679	11/4/2015	Planned Outage	2155.23	19	113.43
1141697	11/4/2015	Planned Outage	60	5	12
1141698	11/4/2015	Planned Outage	101.8	4	25.45
1141700	11/4/2015	Planned Outage	17.07	2	8.53
1141710	11/4/2015	Planned Outage	57.12	1	57.12
1141720	11/5/2015	Planned Outage	4162.5	18	231.25
1141735	11/5/2015	Planned Outage	123.2	4	30.8
1141738	11/5/2015	Planned Outage	123.87	8	15.48
1141743	11/5/2015	Planned Outage	96.88	1	96.88
1141745	11/5/2015	Planned Outage	39.32	1	39.32
1141746	11/5/2015	Planned Outage	47.17	1	47.17
1141751	11/5/2015	Planned Outage	43.18	1	43.18
1141752	11/5/2015	Planned Outage	17.9	3	5.97
1141753	11/5/2015	Planned Outage	5.25	1	5.25
1141754	11/5/2015	Planned Outage	976.53	8	122.07
1141755	11/5/2015	Planned Outage	151.67	10	15.17
1141757	11/5/2015	Planned Outage	251.33	2	125.67
1141762	11/5/2015	Planned Outage	964.6	4	241.15
1141764	11/5/2015	Planned Outage	454.35	3	151.45
1141768	11/5/2015	Planned Outage	118.67	1	118.67
1141769	11/5/2015	Planned Outage	55.33	8	6.92
1141773	11/5/2015	Planned Outage	56.95	3	18.98
1141783	11/5/2015	Planned Outage	26.25	3	8.75
1141784	11/5/2015	Planned Outage	8.23	1	8.23
1141785	11/5/2015	Planned Outage	16.38	1	16.38
1141788	11/5/2015	Planned Outage	8.67	1	8.67
1141789	11/5/2015	Planned Outage	278.42	5	55.68
1141791	11/5/2015	Planned Outage	104.47	2	52.23
1141803	11/5/2015	Planned Outage	10.82	1	10.82
1141813	11/5/2015	Planned Outage	10.82	1	10.82
1141816	11/5/2015	Planned Outage	40.53	1	40.53
1141825	11/5/2015	Planned Outage	74.17	1	74.17
1141855	11/6/2015	Planned Outage	30.53	2	15.27
1141856	11/6/2015	Planned Outage	55.03	2	27.52
1141857	11/6/2015	Planned Outage	202	1	202
1141858	11/6/2015	Planned Outage	462	6	77
1141860	11/6/2015	Planned Outage	120	8	15
1141862	11/6/2015	Planned Outage	45.82	1	45.82
1141863	11/6/2015	Planned Outage	210.73	1	210.73
1141864	11/6/2015	Planned Outage	125.67	5	25.13
1141865	11/6/2015	Planned Outage	334.5	10	33.45
1141866	11/6/2015	Planned Outage	39	2	19.5
1141867	11/6/2015	Planned Outage	47.47	4	11.87
1141870	11/6/2015	Planned Outage	43.45	3	14.48
1141871	11/6/2015	Planned Outage	575.65	29	19.85
1141874	11/6/2015	Planned Outage	120.37	1	120.37

Appendix 1

2015 Planned Outages Table

1141875	11/6/2015	Planned Outage	71.5	6	11.92
1141878	11/6/2015	Planned Outage	177.6	4	44.4
1141881	11/6/2015	Planned Outage	21.45	1	21.45
1141882	11/6/2015	Planned Outage	36.05	3	12.02
1141885	11/6/2015	Planned Outage	142.5	9	15.83
1141888	11/6/2015	Planned Outage	93.17	2	46.58
1141892	11/6/2015	Planned Outage	15.15	1	15.15
1141897	11/6/2015	Planned Outage	18.13	1	18.13
1141900	11/6/2015	Planned Outage	21.63	2	10.82
1141902	11/6/2015	Planned Outage	19.03	2	9.52
1141906	11/6/2015	Planned Outage	70.8	4	17.7
1141907	11/6/2015	Planned Outage	238.7	6	39.78
1141912	11/6/2015	Planned Outage	53.08	7	7.58
1141913	11/6/2015	Planned Outage	45.92	5	9.18
1141922	11/6/2015	Planned Outage	17.12	1	17.12
1141930	11/6/2015	Planned Outage	58.75	1	58.75
1141934	11/6/2015	Planned Outage	45.85	3	15.28
1141946	11/6/2015	Planned Outage	16.23	1	16.23
1141978	11/7/2015	Planned Outage	11.53	1	11.53
1142282	11/8/2015	Planned Outage	136.85	7	19.55
1142319	11/9/2015	Planned Outage	114.4	2	57.2
1142335	11/9/2015	Planned Outage	115.53	2	57.77
1142337	11/9/2015	Planned Outage	674.13	16	42.13
1142344	11/9/2015	Planned Outage	10.85	1	10.85
1142346	11/9/2015	Planned Outage	2988.22	41	72.88
1142349	11/9/2015	Planned Outage	218.27	4	54.57
1142363	11/9/2015	Planned Outage	378	5	75.6
1142367	11/9/2015	Planned Outage	97.27	4	24.32
1142406	11/9/2015	Planned Outage	85.4	2	42.7
1142415	11/9/2015	Planned Outage	134.97	2	67.48
1142473	11/10/2015	Planned Outage	90.42	5	18.08
1142474	11/10/2015	Planned Outage	141.33	1	141.33
1142477	11/10/2015	Planned Outage	331.05	3	110.35
1142490	11/10/2015	Planned Outage	43.07	1	43.07
1142491	11/10/2015	Planned Outage	791.25	25	31.65
1142496	11/10/2015	Planned Outage	25.07	1	25.07
1142499	11/10/2015	Planned Outage	134.2	3	44.73
1142504	11/10/2015	Planned Outage	1453.75	25	58.15
1142508	11/10/2015	Planned Outage	1316.25	25	52.65
1142510	11/10/2015	Planned Outage	202.6	4	50.65
1142511	11/10/2015	Planned Outage	84.93	7	12.13
1142512	11/10/2015	Planned Outage	57.8	2	28.9
1142520	11/10/2015	Planned Outage	114.95	3	38.32
1142521	11/10/2015	Planned Outage	1046.73	4	261.68
1142525	11/10/2015	Planned Outage	121.5	3	40.5
1142526	11/10/2015	Planned Outage	17.33	1	17.33
1142529	11/10/2015	Planned Outage	68.73	4	17.18
1142531	11/10/2015	Planned Outage	1414.4	16	88.4
1142533	11/10/2015	Planned Outage	16.98	1	16.98

Appendix 1

2015 Planned Outages Table

1142538	11/10/2015	Planned Outage	239.47	1	239.47
1142540	11/10/2015	Planned Outage	24.25	1	24.25
1142551	11/10/2015	Planned Outage	91.4	1	91.4
1142552	11/10/2015	Planned Outage	242.2	6	40.37
1142560	11/10/2015	Planned Outage	172.47	2	86.23
1142577	11/10/2015	Planned Outage	69.6	16	4.35
1142600	11/11/2015	Planned Outage	89.18	1	89.18
1142617	11/11/2015	Planned Outage	21.1	1	21.1
1142624	11/11/2015	Planned Outage	92.2	1	92.2
1142627	11/11/2015	Planned Outage	12.28	1	12.28
1142629	11/11/2015	Planned Outage	144.6	3	48.2
1142632	11/11/2015	Planned Outage	75.47	2	37.73
1142642	11/11/2015	Planned Outage	4.52	1	4.52
1142643	11/11/2015	Planned Outage	178.13	4	44.53
1142644	11/11/2015	Planned Outage	1613.92	5	322.78
1142645	11/11/2015	Planned Outage	101.87	1	101.87
1142646	11/11/2015	Planned Outage	67.7	2	33.85
1142648	11/11/2015	Planned Outage	908.65	3	302.88
1142649	11/11/2015	Planned Outage	332.4	4	83.1
1142650	11/11/2015	Planned Outage	7.8	2	3.9
1142651	11/11/2015	Planned Outage	648.1	6	108.02
1142654	11/11/2015	Planned Outage	13.87	1	13.87
1142662	11/11/2015	Planned Outage	42.85	1	42.85
1142665	11/11/2015	Planned Outage	40.08	5	8.02
1142672	11/11/2015	Planned Outage	310.8	6	51.8
1142679	11/11/2015	Planned Outage	274.8	2	137.4
1142773	11/12/2015	Planned Outage	608.35	23	26.45
1142776	11/12/2015	Planned Outage	400	8	50
1142781	11/12/2015	Planned Outage	109	1	109
1142783	11/12/2015	Planned Outage	33.7	2	16.85
1142793	11/12/2015	Planned Outage	527.4	3	175.8
1142797	11/12/2015	Planned Outage	852.5	5	170.5
1142801	11/12/2015	Planned Outage	20.72	1	20.72
1142806	11/12/2015	Planned Outage	83	83	1
1142817	11/12/2015	Planned Outage	58.07	1	58.07
1142820	11/12/2015	Planned Outage	51.23	1	51.23
1142879	11/13/2015	Planned Outage	9.67	1	9.67
1142887	11/13/2015	Planned Outage	32382	252	128.5
1142888	11/13/2015	Planned Outage	52.75	1	52.75
1142890	11/13/2015	Planned Outage	3111.5	49	63.5
1142894	11/13/2015	Planned Outage	86.25	3	28.75
1142896	11/13/2015	Planned Outage	81.65	3	27.22
1142897	11/13/2015	Planned Outage	1615.6	6	269.27
1142898	11/13/2015	Planned Outage	182.67	10	18.27
1142900	11/13/2015	Planned Outage	25.52	1	25.52
1142911	11/13/2015	Planned Outage	437.42	5	87.48
1142945	11/13/2015	Planned Outage	1710.9	9	190.1
1142946	11/13/2015	Planned Outage	87.37	2	43.68
1142953	11/13/2015	Planned Outage	45.27	1	45.27

Appendix 1

2015 Planned Outages Table

1142954	11/13/2015	Planned Outage	218.13	1	218.13
1142958	11/13/2015	Planned Outage	43.25	3	14.42
1142961	11/13/2015	Planned Outage	884	68	13
1142962	11/13/2015	Planned Outage	389.73	8	48.72
1142967	11/13/2015	Planned Outage	109.07	4	27.27
1142970	11/13/2015	Planned Outage	285.13	2	142.57
1143087	11/14/2015	Planned Outage	368.9	6	61.48
1143106	11/14/2015	Planned Outage	39.47	4	9.87
1143112	11/14/2015	Planned Outage	148.92	1	148.92
1143127	11/14/2015	Planned Outage	47.55	1	47.55
1143156	11/14/2015	Planned Outage	57.2	4	14.3
1143190	11/15/2015	Planned Outage	3.68	1	3.68
1143257	11/16/2015	Planned Outage	239.62	1	239.62
1143258	11/16/2015	Planned Outage	9.63	2	4.82
1143260	11/16/2015	Planned Outage	73.18	1	73.18
1143262	11/16/2015	Planned Outage	252.6	1	252.6
1143264	11/16/2015	Planned Outage	86.93	4	21.73
1143266	11/16/2015	Planned Outage	49196.33	260	189.22
1143267	11/16/2015	Planned Outage	162.3	9	18.03
1143268	11/16/2015	Planned Outage	104.9	6	17.48
1143270	11/16/2015	Planned Outage	40.83	2	20.42
1143271	11/16/2015	Planned Outage	169.6	2	84.8
1143273	11/16/2015	Planned Outage	121.35	1	121.35
1143276	11/16/2015	Planned Outage	464.6	2	232.3
1143277	11/16/2015	Planned Outage	171.52	1	171.52
1143279	11/16/2015	Planned Outage	31.3	1	31.3
1143280	11/16/2015	Planned Outage	157.97	1	157.97
1143281	11/16/2015	Planned Outage	433.95	11	39.45
1143282	11/16/2015	Planned Outage	779.67	4	194.92
1143285	11/16/2015	Planned Outage	12.77	1	12.77
1143286	11/16/2015	Planned Outage	314.67	4	78.67
1143287	11/16/2015	Planned Outage	78.37	1	78.37
1143289	11/16/2015	Planned Outage	264	2	132
1143290	11/16/2015	Planned Outage	33.2	1	33.2
1143300	11/16/2015	Planned Outage	30.55	1	30.55
1143301	11/16/2015	Planned Outage	361.1	3	120.37
1143302	11/16/2015	Planned Outage	120.8	1	120.8
1143303	11/16/2015	Planned Outage	64.15	1	64.15
1143304	11/16/2015	Planned Outage	33.63	2	16.82
1143305	11/16/2015	Planned Outage	98.42	5	19.68
1143310	11/16/2015	Planned Outage	19.78	1	19.78
1143311	11/16/2015	Planned Outage	36.3	1	36.3
1143317	11/16/2015	Planned Outage	75.2	3	25.07
1143323	11/16/2015	Planned Outage	52.87	1	52.87
1143325	11/16/2015	Planned Outage	66.55	3	22.18
1143326	11/16/2015	Planned Outage	379	6	63.17
1143327	11/16/2015	Planned Outage	188.7	3	62.9
1143331	11/16/2015	Planned Outage	32.18	1	32.18
1143332	11/16/2015	Planned Outage	322.47	4	80.62

Appendix 1

2015 Planned Outages Table

1143337	11/16/2015	Planned Outage	688.92	5	137.78
1143346	11/16/2015	Planned Outage	74.07	11	6.73
1143411	11/17/2015	Planned Outage	10.95	3	3.65
1143413	11/17/2015	Planned Outage	42.02	1	42.02
1143417	11/17/2015	Planned Outage	20.07	4	5.02
1143419	11/17/2015	Planned Outage	327.8	4	81.95
1143423	11/17/2015	Planned Outage	52.05	1	52.05
1143424	11/17/2015	Planned Outage	90	1	90
1143425	11/17/2015	Planned Outage	89.17	5	17.83
1143426	11/17/2015	Planned Outage	65.63	2	32.82
1143428	11/17/2015	Planned Outage	578.75	5	115.75
1143429	11/17/2015	Planned Outage	32.4	1	32.4
1143430	11/17/2015	Planned Outage	205.4	6	34.23
1143433	11/17/2015	Planned Outage	855.4	6	142.57
1143435	11/17/2015	Planned Outage	29.7	1	29.7
1143436	11/17/2015	Planned Outage	50.57	2	25.28
1143437	11/17/2015	Planned Outage	13.88	1	13.88
1143439	11/17/2015	Planned Outage	63.48	1	63.48
1143441	11/17/2015	Planned Outage	67.32	1	67.32
1143442	11/17/2015	Planned Outage	69.35	1	69.35
1143444	11/17/2015	Planned Outage	59.13	2	29.57
1143446	11/17/2015	Planned Outage	817.5	10	81.75
1143452	11/17/2015	Planned Outage	98.53	4	24.63
1143455	11/17/2015	Planned Outage	5.02	1	5.02
1143459	11/17/2015	Planned Outage	141.6	2	70.8
1143462	11/17/2015	Planned Outage	32.42	1	32.42
1143463	11/17/2015	Planned Outage	318.93	4	79.73
1143465	11/17/2015	Planned Outage	92.17	2	46.08
1143466	11/17/2015	Planned Outage	506.2	12	42.18
1143485	11/17/2015	Planned Outage	57.8	4	14.45
1143515	11/17/2015	Planned Outage	9.63	1	9.63
1143519	11/17/2015	Planned Outage	10.13	1	10.13
1143526	11/17/2015	Planned Outage	170.7	3	56.9
1143527	11/17/2015	Planned Outage	307.47	4	76.87
1143528	11/17/2015	Planned Outage	32.25	1	32.25
1143532	11/17/2015	Planned Outage	17.65	3	5.88
1143535	11/17/2015	Planned Outage	56.97	2	28.48
1143553	11/17/2015	Planned Outage	68.13	2	34.07
1143556	11/17/2015	Planned Outage	126.23	14	9.02
1143652	11/18/2015	Planned Outage	66.17	1	66.17
1143653	11/18/2015	Planned Outage	64.32	1	64.32
1143678	11/18/2015	Planned Outage	62	4	15.5
1143687	11/18/2015	Planned Outage	268	20	13.4
1143692	11/18/2015	Planned Outage	26.97	2	13.48
1143877	11/18/2015	Planned Outage	492.3	18	27.35
1143905	11/18/2015	Planned Outage	208.75	3	69.58
1143968	11/19/2015	Planned Outage	97.4	1	97.4
1143981	11/19/2015	Planned Outage	28.47	1	28.47
1143982	11/19/2015	Planned Outage	127.2	1	127.2

Appendix 1

2015 Planned Outages Table

1143989	11/19/2015	Planned Outage	17.92	1	17.92
1143992	11/19/2015	Planned Outage	417.93	4	104.48
1143995	11/19/2015	Planned Outage	47.8	3	15.93
1143999	11/19/2015	Planned Outage	191	1	191
1144005	11/19/2015	Planned Outage	28.45	1	28.45
1144007	11/19/2015	Planned Outage	185.2	4	46.3
1144011	11/19/2015	Planned Outage	248.82	1	248.82
1144017	11/19/2015	Planned Outage	109.05	1	109.05
1144020	11/19/2015	Planned Outage	64.87	1	64.87
1144022	11/19/2015	Planned Outage	52.23	2	26.12
1144023	11/19/2015	Planned Outage	165.9	6	27.65
1144033	11/19/2015	Planned Outage	269.07	4	67.27
1144042	11/19/2015	Planned Outage	36.48	1	36.48
1144054	11/19/2015	Planned Outage	14.72	1	14.72
1144069	11/19/2015	Planned Outage	628.33	26	24.17
1144275	11/20/2015	Planned Outage	766.07	4	191.52
1144276	11/20/2015	Planned Outage	85.57	1	85.57
1144277	11/20/2015	Planned Outage	22.23	1	22.23
1144279	11/20/2015	Planned Outage	63.78	1	63.78
1144280	11/20/2015	Planned Outage	1326.33	4	331.58
1144283	11/20/2015	Planned Outage	300.2	4	75.05
1144287	11/20/2015	Planned Outage	168.63	1	168.63
1144288	11/20/2015	Planned Outage	56.37	1	56.37
1144289	11/20/2015	Planned Outage	90.2	4	22.55
1144293	11/20/2015	Planned Outage	53.67	2	26.83
1144295	11/20/2015	Planned Outage	66.3	1	66.3
1144297	11/20/2015	Planned Outage	56.6	3	18.87
1144299	11/20/2015	Planned Outage	124.93	4	31.23
1144305	11/20/2015	Planned Outage	18.5	1	18.5
1144315	11/20/2015	Planned Outage	11.42	1	11.42
1144316	11/20/2015	Planned Outage	64.35	1	64.35
1144319	11/20/2015	Planned Outage	2088.4	24	87.02
1144321	11/20/2015	Planned Outage	41.87	1	41.87
1144324	11/20/2015	Planned Outage	34.87	2	17.43
1144332	11/20/2015	Planned Outage	41.83	1	41.83
1144333	11/20/2015	Planned Outage	48.58	5	9.72
1144335	11/20/2015	Planned Outage	49.02	1	49.02
1144353	11/20/2015	Planned Outage	37.9	6	6.32
1144370	11/21/2015	Planned Outage	109.93	4	27.48
1144371	11/21/2015	Planned Outage	82.8	3	27.6
1144392	11/21/2015	Planned Outage	72	5	14.4
1144395	11/21/2015	Planned Outage	70.65	3	23.55
1144425	11/21/2015	Planned Outage	3.4	1	3.4
1144444	11/22/2015	Planned Outage	42.88	1	42.88
1144446	11/22/2015	Planned Outage	849.87	4	212.47
1144448	11/22/2015	Planned Outage	203.92	1	203.92
1144562	11/23/2015	Planned Outage	205.03	2	102.52
1144567	11/23/2015	Planned Outage	26.42	1	26.42
1144572	11/23/2015	Planned Outage	116.9	7	16.7

Appendix 1

2015 Planned Outages Table

1144573	11/23/2015	Planned Outage	14.4	2	7.2
1144578	11/23/2015	Planned Outage	69.6	3	23.2
1144580	11/23/2015	Planned Outage	67.8	3	22.6
1144581	11/23/2015	Planned Outage	33.57	1	33.57
1144584	11/23/2015	Planned Outage	504.1	3	168.03
1144587	11/23/2015	Planned Outage	8.73	1	8.73
1144589	11/23/2015	Planned Outage	94.13	2	47.07
1144592	11/23/2015	Planned Outage	46.37	1	46.37
1144597	11/23/2015	Planned Outage	91.33	1	91.33
1144598	11/23/2015	Planned Outage	40.43	1	40.43
1144612	11/23/2015	Planned Outage	474.83	14	33.92
1144619	11/23/2015	Planned Outage	111.33	8	13.92
1144627	11/23/2015	Planned Outage	111.03	1	111.03
1144639	11/23/2015	Planned Outage	154.7	26	5.95
1144651	11/23/2015	Planned Outage	9.77	1	9.77
1144666	11/23/2015	Planned Outage	77.93	2	38.97
1144695	11/24/2015	Planned Outage	234.65	3	78.22
1144696	11/24/2015	Planned Outage	21.88	1	21.88
1144704	11/24/2015	Planned Outage	144.5	5	28.9
1144707	11/24/2015	Planned Outage	157.05	9	17.45
1144708	11/24/2015	Planned Outage	107.6	6	17.93
1144710	11/24/2015	Planned Outage	219.5	3	73.17
1144711	11/24/2015	Planned Outage	9175.47	184	49.87
1144713	11/24/2015	Planned Outage	48.67	1	48.67
1144715	11/24/2015	Planned Outage	151.62	1	151.62
1144718	11/24/2015	Planned Outage	242.73	4	60.68
1144723	11/24/2015	Planned Outage	2136.5	15	142.43
1144729	11/24/2015	Planned Outage	135.1	6	22.52
1144735	11/24/2015	Planned Outage	277.2	7	39.6
1144737	11/24/2015	Planned Outage	48	6	8
1144740	11/24/2015	Planned Outage	113.08	1	113.08
1144748	11/24/2015	Planned Outage	73.75	3	24.58
1144749	11/24/2015	Planned Outage	435.93	2	217.97
1144751	11/24/2015	Planned Outage	4.72	1	4.72
1144760	11/24/2015	Planned Outage	77.22	1	77.22
1144761	11/24/2015	Planned Outage	31.8	1	31.8
1144769	11/24/2015	Planned Outage	42.47	2	21.23
1144777	11/24/2015	Planned Outage	23.63	1	23.63
1144778	11/24/2015	Planned Outage	324.63	2	162.32
1144789	11/24/2015	Planned Outage	130.2	3	43.4
1145014	11/25/2015	Planned Outage	361.5	2	180.75
1145021	11/25/2015	Planned Outage	25.22	1	25.22
1145025	11/25/2015	Planned Outage	70.83	5	14.17
1145031	11/25/2015	Planned Outage	180.9	2	90.45
1145032	11/25/2015	Planned Outage	443.73	8	55.47
1145034	11/25/2015	Planned Outage	603.2	12	50.27
1145041	11/25/2015	Planned Outage	28.05	3	9.35
1145045	11/25/2015	Planned Outage	70.28	1	70.28
1145054	11/25/2015	Planned Outage	546.15	3	182.05

Appendix 1

2015 Planned Outages Table

1145055	11/25/2015	Planned Outage	20.55	1	20.55
1145057	11/25/2015	Planned Outage	75.35	3	25.12
1145059	11/25/2015	Planned Outage	49.18	1	49.18
1145067	11/25/2015	Planned Outage	40.1	3	13.37
1145069	11/25/2015	Planned Outage	27.23	1	27.23
1145078	11/25/2015	Planned Outage	62.5	2	31.25
1145112	11/26/2015	Planned Outage	64.8	8	8.1
1145173	11/26/2015	Planned Outage	70.43	1	70.43
1145207	11/27/2015	Planned Outage	36.72	1	36.72
1145242	11/27/2015	Planned Outage	7.88	1	7.88
1145305	11/29/2015	Planned Outage	5.78	1	5.78
1145382	11/30/2015	Planned Outage	113.7	6	18.95
1145388	11/30/2015	Planned Outage	15.55	3	5.18
1145389	11/30/2015	Planned Outage	45.8	1	45.8
1145393	11/30/2015	Planned Outage	109.13	4	27.28
1145394	11/30/2015	Planned Outage	8.43	1	8.43
1145396	11/30/2015	Planned Outage	9.73	1	9.73
1145398	11/30/2015	Planned Outage	702.73	4	175.68
1145400	11/30/2015	Planned Outage	251.35	3	83.78
1145402	11/30/2015	Planned Outage	11.08	1	11.08
1145406	11/30/2015	Planned Outage	26.17	2	13.08
1145408	11/30/2015	Planned Outage	1050.83	10	105.08
1145411	11/30/2015	Planned Outage	13318.5	65	204.9
1145413	11/30/2015	Planned Outage	71.77	2	35.88
1145427	11/30/2015	Planned Outage	32.73	1	32.73
1145431	11/30/2015	Planned Outage	14.12	1	14.12
1145434	11/30/2015	Planned Outage	31.35	3	10.45
1145435	11/30/2015	Planned Outage	3.82	1	3.82
1145446	11/30/2015	Planned Outage	109.25	1	109.25
1145447	11/30/2015	Planned Outage	1039	10	103.9
1145449	11/30/2015	Planned Outage	94.95	3	31.65
1145452	11/30/2015	Planned Outage	174	6	29
1145455	11/30/2015	Planned Outage	63.07	2	31.53
1145461	11/30/2015	Planned Outage	417.4	6	69.57
1145464	11/30/2015	Planned Outage	233.85	1	233.85
1145476	11/30/2015	Planned Outage	3.55	1	3.55
1145478	11/30/2015	Planned Outage	376.72	7	53.82
1145481	11/30/2015	Planned Outage	581.07	8	72.63
1145484	11/30/2015	Planned Outage	1393.82	7	199.12
1145497	11/30/2015	Planned Outage	383.1	3	127.7
1145500	11/30/2015	Planned Outage	17.73	1	17.73
1145507	11/30/2015	Planned Outage	70.55	1	70.55
1145543	12/1/2015	Planned Outage	27.45	1	27.45
1145549	12/1/2015	Planned Outage	2204.65	7	314.95
1145557	12/1/2015	Planned Outage	404.6	4	101.15
1145561	12/1/2015	Planned Outage	138.13	8	17.27
1145564	12/1/2015	Planned Outage	186.27	2	93.13
1145565	12/1/2015	Planned Outage	92.88	1	92.88
1145566	12/1/2015	Planned Outage	152.47	1	152.47

Appendix 1

2015 Planned Outages Table

1145567	12/1/2015	Planned Outage	1681	12	140.08
1145570	12/1/2015	Planned Outage	89.33	5	17.87
1145572	12/1/2015	Planned Outage	113.85	1	113.85
1145574	12/1/2015	Planned Outage	1034.3	6	172.38
1145583	12/1/2015	Planned Outage	1162.53	4	290.63
1145585	12/1/2015	Planned Outage	76.03	1	76.03
1145586	12/1/2015	Planned Outage	1062.4	12	88.53
1145595	12/1/2015	Planned Outage	54.07	4	13.52
1145600	12/1/2015	Planned Outage	75.83	5	15.17
1145606	12/1/2015	Planned Outage	30.7	1	30.7
1145607	12/1/2015	Planned Outage	104	1	104
1145613	12/1/2015	Planned Outage	165	5	33
1145616	12/1/2015	Planned Outage	66.03	1	66.03
1145617	12/1/2015	Planned Outage	40.25	1	40.25
1145618	12/1/2015	Planned Outage	269.4	1	269.4
1145619	12/1/2015	Planned Outage	512.05	3	170.68
1145627	12/1/2015	Planned Outage	25.62	1	25.62
1145635	12/1/2015	Planned Outage	49.6	8	6.2
1145651	12/2/2015	Planned Outage	203	1	203
1145679	12/2/2015	Planned Outage	11	1	11
1145684	12/2/2015	Planned Outage	48.53	1	48.53
1145686	12/2/2015	Planned Outage	195	5	39
1145687	12/2/2015	Planned Outage	40.52	1	40.52
1145688	12/2/2015	Planned Outage	19.67	1	19.67
1145689	12/2/2015	Planned Outage	269.67	4	67.42
1145698	12/2/2015	Planned Outage	20.88	1	20.88
1145704	12/2/2015	Planned Outage	35.25	1	35.25
1145706	12/2/2015	Planned Outage	327.83	5	65.57
1145710	12/2/2015	Planned Outage	59.63	1	59.63
1145711	12/2/2015	Planned Outage	20.23	1	20.23
1145714	12/2/2015	Planned Outage	51.27	2	25.63
1145719	12/2/2015	Planned Outage	257.87	1	257.87
1145727	12/2/2015	Planned Outage	17.2	1	17.2
1145729	12/2/2015	Planned Outage	16.05	1	16.05
1145730	12/2/2015	Planned Outage	196.53	4	49.13
1145757	12/3/2015	Planned Outage	616.17	5	123.23
1145762	12/3/2015	Planned Outage	79.2	4	19.8
1145764	12/3/2015	Planned Outage	199.1	3	66.37
1145765	12/3/2015	Planned Outage	246.97	2	123.48
1145767	12/3/2015	Planned Outage	189.13	4	47.28
1145769	12/3/2015	Planned Outage	3594.5	70	51.35
1145771	12/3/2015	Planned Outage	869.07	8	108.63
1145772	12/3/2015	Planned Outage	118.27	2	59.13
1145773	12/3/2015	Planned Outage	322.77	2	161.38
1145791	12/3/2015	Planned Outage	47.75	1	47.75
1145792	12/3/2015	Planned Outage	131.4	2	65.7
1145795	12/3/2015	Planned Outage	350.37	1	350.37
1145804	12/3/2015	Planned Outage	25.07	1	25.07
1145806	12/3/2015	Planned Outage	2.77	1	2.77

Appendix 1

2015 Planned Outages Table

1145807	12/3/2015	Planned Outage	41.77	1	41.77
1145813	12/3/2015	Planned Outage	2.12	1	2.12
1145816	12/3/2015	Planned Outage	118.17	2	59.08
1145833	12/3/2015	Planned Outage	20.47	1	20.47
1145853	12/4/2015	Planned Outage	35.95	1	35.95
1145857	12/4/2015	Planned Outage	26.78	1	26.78
1145859	12/4/2015	Planned Outage	56.85	1	56.85
1145864	12/4/2015	Planned Outage	309.2	4	77.3
1145866	12/4/2015	Planned Outage	286.2	3	95.4
1145867	12/4/2015	Planned Outage	194.67	2	97.33
1145868	12/4/2015	Planned Outage	86.15	3	28.72
1145874	12/4/2015	Planned Outage	35.47	1	35.47
1145876	12/4/2015	Planned Outage	38.4	2	19.2
1145877	12/4/2015	Planned Outage	430	12	35.83
1145879	12/4/2015	Planned Outage	43.87	4	10.97
1145882	12/4/2015	Planned Outage	101.4	4	25.35
1145885	12/4/2015	Planned Outage	37.3	3	12.43
1145886	12/4/2015	Planned Outage	25.95	1	25.95
1145896	12/4/2015	Planned Outage	149.23	11	13.57
1145897	12/4/2015	Planned Outage	56.2	4	14.05
1145900	12/4/2015	Planned Outage	215.33	5	43.07
1146098	12/4/2015	Planned Outage	28.95	1	28.95
1146101	12/4/2015	Planned Outage	55.25	1	55.25
1146109	12/4/2015	Planned Outage	16.88	1	16.88
1146261	12/6/2015	Planned Outage	169.27	4	42.32
1146301	12/7/2015	Planned Outage	108.8	2	54.4
1146302	12/7/2015	Planned Outage	62.4	1	62.4
1146308	12/7/2015	Planned Outage	22.75	3	7.58
1146309	12/7/2015	Planned Outage	37.12	1	37.12
1146310	12/7/2015	Planned Outage	29.73	1	29.73
1146313	12/7/2015	Planned Outage	120.27	4	30.07
1146319	12/7/2015	Planned Outage	53.67	2	26.83
1146322	12/7/2015	Planned Outage	146.17	2	73.08
1146323	12/7/2015	Planned Outage	71.03	1	71.03
1146324	12/7/2015	Planned Outage	303.4	3	101.13
1146326	12/7/2015	Planned Outage	165.3	3	55.1
1146328	12/7/2015	Planned Outage	135.67	2	67.83
1146340	12/7/2015	Planned Outage	187	4	46.75
1146342	12/7/2015	Planned Outage	352.65	3	117.55
1146353	12/7/2015	Planned Outage	28.75	1	28.75
1146357	12/7/2015	Planned Outage	20.43	1	20.43
1146359	12/7/2015	Planned Outage	81.13	1	81.13
1146360	12/7/2015	Planned Outage	110.5	2	55.25
1146361	12/7/2015	Planned Outage	120.93	2	60.47
1146363	12/7/2015	Planned Outage	5447.87	56	97.28
1146423	12/8/2015	Planned Outage	471.33	2	235.67
1146424	12/8/2015	Planned Outage	963.8	6	160.63
1146470	12/8/2015	Planned Outage	252.53	4	63.13
1146480	12/8/2015	Planned Outage	123.07	4	30.77

Appendix 1

2015 Planned Outages Table

1146481	12/8/2015	Planned Outage	39.6	1	39.6
1146482	12/8/2015	Planned Outage	35.98	1	35.98
1146485	12/8/2015	Planned Outage	389.67	4	97.42
1146487	12/8/2015	Planned Outage	187.93	2	93.97
1146489	12/8/2015	Planned Outage	510.9	3	170.3
1146491	12/8/2015	Planned Outage	302.83	2	151.42
1146493	12/8/2015	Planned Outage	57.8	1	57.8
1146496	12/8/2015	Planned Outage	26.57	2	13.28
1146497	12/8/2015	Planned Outage	44.25	1	44.25
1146500	12/8/2015	Planned Outage	14.47	1	14.47
1146505	12/8/2015	Planned Outage	933	9	103.67
1146507	12/8/2015	Planned Outage	112.17	1	112.17
1146509	12/8/2015	Planned Outage	243.5	5	48.7
1146513	12/8/2015	Planned Outage	38.28	1	38.28
1146521	12/8/2015	Planned Outage	45.23	2	22.62
1146529	12/8/2015	Planned Outage	9.82	1	9.82
1146532	12/8/2015	Planned Outage	13.62	1	13.62
1146533	12/8/2015	Planned Outage	45.65	3	15.22
1146537	12/8/2015	Planned Outage	317.93	4	79.48
1146540	12/8/2015	Planned Outage	10.1	1	10.1
1146548	12/8/2015	Planned Outage	21.65	1	21.65
1146560	12/8/2015	Planned Outage	603.8	6	100.63
1146564	12/8/2015	Planned Outage	5.13	2	2.57
1146570	12/8/2015	Planned Outage	243.17	5	48.63
1146578	12/9/2015	Planned Outage	1674.17	5	334.83
1146580	12/9/2015	Planned Outage	411.22	11	37.38
1146599	12/9/2015	Planned Outage	702	6	117
1146603	12/9/2015	Planned Outage	29.83	1	29.83
1146605	12/9/2015	Planned Outage	846.42	5	169.28
1146606	12/9/2015	Planned Outage	49.52	1	49.52
1146607	12/9/2015	Planned Outage	6.98	1	6.98
1146611	12/9/2015	Planned Outage	51.85	3	17.28
1146615	12/9/2015	Planned Outage	514	5	102.8
1146629	12/9/2015	Planned Outage	49.12	1	49.12
1146633	12/9/2015	Planned Outage	403.75	3	134.58
1146640	12/9/2015	Planned Outage	59.65	1	59.65
1146642	12/9/2015	Planned Outage	1857.9	22	84.45
1146651	12/9/2015	Planned Outage	323.4	2	161.7
1146652	12/9/2015	Planned Outage	230.03	2	115.02
1146656	12/9/2015	Planned Outage	8.15	1	8.15
1146666	12/9/2015	Planned Outage	3.77	1	3.77
1146667	12/9/2015	Planned Outage	36.27	2	18.13
1146675	12/9/2015	Planned Outage	91.9	3	30.63
1146677	12/9/2015	Planned Outage	18.47	1	18.47
1146678	12/9/2015	Planned Outage	46.3	3	15.43
1146679	12/9/2015	Planned Outage	20.65	1	20.65
1146692	12/9/2015	Planned Outage	155.73	2	77.87
1146697	12/9/2015	Planned Outage	88.1	2	44.05
1146722	12/9/2015	Planned Outage	45.38	1	45.38

Appendix 1

2015 Planned Outages Table

1146726	12/9/2015	Planned Outage	15.28	1	15.28
1146729	12/9/2015	Planned Outage	24.48	1	24.48
1146735	12/9/2015	Planned Outage	18.87	1	18.87
1146737	12/9/2015	Planned Outage	443.52	1	443.52
1146739	12/9/2015	Planned Outage	435.7	1	435.7
1146741	12/9/2015	Planned Outage	94.75	3	31.58
1146769	12/10/2015	Planned Outage	443.53	4	110.88
1146770	12/10/2015	Planned Outage	254.18	1	254.18
1146771	12/10/2015	Planned Outage	298.58	5	59.72
1146774	12/10/2015	Planned Outage	75.78	1	75.78
1146775	12/10/2015	Planned Outage	3659.72	91	40.22
1146782	12/10/2015	Planned Outage	490.7	6	81.78
1146783	12/10/2015	Planned Outage	5.42	1	5.42
1146785	12/10/2015	Planned Outage	2424	8	303
1146787	12/10/2015	Planned Outage	4090.5	54	75.75
1146793	12/10/2015	Planned Outage	370	2	185
1146795	12/10/2015	Planned Outage	367.2	2	183.6
1146797	12/10/2015	Planned Outage	22.1	1	22.1
1146800	12/10/2015	Planned Outage	60.42	5	12.08
1146802	12/10/2015	Planned Outage	899.67	5	179.93
1146810	12/10/2015	Planned Outage	171.25	1	171.25
1146811	12/10/2015	Planned Outage	16.48	1	16.48
1146814	12/10/2015	Planned Outage	50.58	1	50.58
1146815	12/10/2015	Planned Outage	69.97	2	34.98
1146833	12/10/2015	Planned Outage	78.75	1	78.75
1146837	12/10/2015	Planned Outage	23.3	1	23.3
1146839	12/10/2015	Planned Outage	7.83	1	7.83
1146858	12/10/2015	Planned Outage	163.6	1	163.6
1146869	12/11/2015	Planned Outage	8420.95	51	165.12
1146887	12/11/2015	Planned Outage	47.02	1	47.02
1146900	12/11/2015	Planned Outage	231.8	4	57.95
1146902	12/11/2015	Planned Outage	334	3	111.33
1146903	12/11/2015	Planned Outage	223.08	5	44.62
1146904	12/11/2015	Planned Outage	44.82	1	44.82
1146907	12/11/2015	Planned Outage	631.33	5	126.27
1146912	12/11/2015	Planned Outage	6.2	1	6.2
1146914	12/11/2015	Planned Outage	61.05	3	20.35
1146915	12/11/2015	Planned Outage	78.63	1	78.63
1146921	12/11/2015	Planned Outage	6.97	1	6.97
1146924	12/11/2015	Planned Outage	89.45	1	89.45
1146926	12/11/2015	Planned Outage	128.65	3	42.88
1146927	12/11/2015	Planned Outage	20.97	2	10.48
1146934	12/11/2015	Planned Outage	198.4	4	49.6
1146960	12/11/2015	Planned Outage	135.73	2	67.87
1146965	12/11/2015	Planned Outage	72.53	4	18.13
1147067	12/13/2015	Planned Outage	3.6	1	3.6
1147147	12/14/2015	Planned Outage	29.3	6	4.88
1147165	12/14/2015	Planned Outage	729.98	7	104.28
1147168	12/14/2015	Planned Outage	64.3	2	32.15

Appendix 1

2015 Planned Outages Table

1147172	12/14/2015	Planned Outage	30.08	1	30.08
1147178	12/14/2015	Planned Outage	87.2	1	87.2
1147184	12/14/2015	Planned Outage	14.67	1	14.67
1147186	12/14/2015	Planned Outage	23.88	1	23.88
1147192	12/14/2015	Planned Outage	221.33	4	55.33
1147199	12/14/2015	Planned Outage	211.87	4	52.97
1147229	12/14/2015	Planned Outage	403.05	9	44.78
1147261	12/14/2015	Planned Outage	135.22	7	19.32
1147294	12/15/2015	Planned Outage	306.82	1	306.82
1147295	12/15/2015	Planned Outage	477.67	4	119.42
1147296	12/15/2015	Planned Outage	41.8	3	13.93
1147300	12/15/2015	Planned Outage	1523.08	7	217.58
1147303	12/15/2015	Planned Outage	56.27	2	28.13
1147306	12/15/2015	Planned Outage	796.35	3	265.45
1147308	12/15/2015	Planned Outage	249.87	2	124.93
1147310	12/15/2015	Planned Outage	24.22	1	24.22
1147312	12/15/2015	Planned Outage	152.27	1	152.27
1147321	12/15/2015	Planned Outage	118.25	3	39.42
1147322	12/15/2015	Planned Outage	223.78	1	223.78
1147324	12/15/2015	Planned Outage	72.58	1	72.58
1147325	12/15/2015	Planned Outage	268	2	134
1147327	12/15/2015	Planned Outage	32	1	32
1147329	12/15/2015	Planned Outage	160.83	2	80.42
1147339	12/15/2015	Planned Outage	95.07	4	23.77
1147353	12/15/2015	Planned Outage	150.47	4	37.62
1147356	12/15/2015	Planned Outage	54.93	1	54.93
1147373	12/15/2015	Planned Outage	21.42	1	21.42
1147374	12/15/2015	Planned Outage	17.62	1	17.62
1147378	12/15/2015	Planned Outage	289.53	43	6.73
1147380	12/15/2015	Planned Outage	9.25	1	9.25
1147386	12/15/2015	Planned Outage	81	3	27
1147426	12/15/2015	Planned Outage	18.4	1	18.4
1147433	12/15/2015	Planned Outage	110.4	4	27.6
1147447	12/16/2015	Planned Outage	3.52	1	3.52
1147449	12/16/2015	Planned Outage	797.17	5	159.43
1147452	12/16/2015	Planned Outage	48.03	1	48.03
1147453	12/16/2015	Planned Outage	47.15	1	47.15
1147454	12/16/2015	Planned Outage	30.07	1	30.07
1147457	12/16/2015	Planned Outage	64.52	1	64.52
1147458	12/16/2015	Planned Outage	168.3	2	84.15
1147459	12/16/2015	Planned Outage	14.35	1	14.35
1147460	12/16/2015	Planned Outage	433.8	6	72.3
1147465	12/16/2015	Planned Outage	2552	8	319
1147466	12/16/2015	Planned Outage	324.73	4	81.18
1147467	12/16/2015	Planned Outage	2.23	1	2.23
1147469	12/16/2015	Planned Outage	55.58	1	55.58
1147471	12/16/2015	Planned Outage	283.5	2	141.75
1147473	12/16/2015	Planned Outage	144.47	11	13.13
1147478	12/16/2015	Planned Outage	100.83	5	20.17

Appendix 1

2015 Planned Outages Table

1147483	12/16/2015	Planned Outage	69.27	1	69.27
1147487	12/16/2015	Planned Outage	56.57	2	28.28
1147491	12/16/2015	Planned Outage	5.7	1	5.7
1147499	12/16/2015	Planned Outage	107.08	1	107.08
1147503	12/16/2015	Planned Outage	146.5	6	24.42
1147507	12/16/2015	Planned Outage	43.65	3	14.55
1147515	12/16/2015	Planned Outage	197.77	2	98.88
1147539	12/17/2015	Planned Outage	62.37	1	62.37
1147545	12/17/2015	Planned Outage	5.05	1	5.05
1147547	12/17/2015	Planned Outage	140.5	2	70.25
1147549	12/17/2015	Planned Outage	230.13	8	28.77
1147555	12/17/2015	Planned Outage	25.58	1	25.58
1147571	12/17/2015	Planned Outage	90	1	90
1147576	12/17/2015	Planned Outage	74.18	1	74.18
1147578	12/17/2015	Planned Outage	12.87	1	12.87
1147586	12/17/2015	Planned Outage	40.07	1	40.07
1147587	12/17/2015	Planned Outage	46.93	2	23.47
1147589	12/17/2015	Planned Outage	129	3	43
1147592	12/17/2015	Planned Outage	29.68	1	29.68
1147593	12/17/2015	Planned Outage	13	1	13
1147608	12/17/2015	Planned Outage	228	4	57
1147636	12/18/2015	Planned Outage	77.7	1	77.7
1147641	12/18/2015	Planned Outage	244.82	1	244.82
1147655	12/18/2015	Planned Outage	211.13	2	105.57
1147661	12/18/2015	Planned Outage	119.92	5	23.98
1147662	12/18/2015	Planned Outage	25.4	1	25.4
1147663	12/18/2015	Planned Outage	1.23	1	1.23
1147664	12/18/2015	Planned Outage	93.83	2	46.92
1147666	12/18/2015	Planned Outage	494.8	2	247.4
1147667	12/18/2015	Planned Outage	110.92	11	10.08
1147669	12/18/2015	Planned Outage	21.23	1	21.23
1147673	12/18/2015	Planned Outage	440.4	9	48.93
1147684	12/18/2015	Planned Outage	26.82	1	26.82
1147685	12/18/2015	Planned Outage	472.6	4	118.15
1147686	12/18/2015	Planned Outage	5.95	1	5.95
1147693	12/18/2015	Planned Outage	86.73	4	21.68
1147696	12/18/2015	Planned Outage	84.18	1	84.18
1147697	12/18/2015	Planned Outage	55	1	55
1147698	12/18/2015	Planned Outage	16.52	1	16.52
1147699	12/18/2015	Planned Outage	118.5	2	59.25
1147700	12/18/2015	Planned Outage	1320.43	7	188.63
1147702	12/18/2015	Planned Outage	91.23	2	45.62
1147704	12/18/2015	Planned Outage	28.82	1	28.82
1147714	12/18/2015	Planned Outage	302.13	11	27.47
1147733	12/18/2015	Planned Outage	264.3	9	29.37
1147734	12/18/2015	Planned Outage	208.33	4	52.08
1147748	12/18/2015	Planned Outage	7.75	1	7.75
1147810	12/19/2015	Planned Outage	74.8	1	74.8
1147817	12/19/2015	Planned Outage	108.87	4	27.22

Appendix 1

2015 Planned Outages Table

1147826	12/19/2015	Planned Outage	85.27	4	21.32
1147889	12/20/2015	Planned Outage	37.9	2	18.95
1147894	12/20/2015	Planned Outage	278.4	8	34.8
1147923	12/21/2015	Planned Outage	262.95	3	87.65
1147926	12/21/2015	Planned Outage	65.97	2	32.98
1147929	12/21/2015	Planned Outage	255.9	3	85.3
1147931	12/21/2015	Planned Outage	237.65	3	79.22
1147934	12/21/2015	Planned Outage	666.1	6	111.02
1147935	12/21/2015	Planned Outage	93.57	1	93.57
1147937	12/21/2015	Planned Outage	1016.25	3	338.75
1147939	12/21/2015	Planned Outage	4249.6	83	51.2
1147944	12/21/2015	Planned Outage	132.65	1	132.65
1147945	12/21/2015	Planned Outage	172.12	1	172.12
1147947	12/21/2015	Planned Outage	474.95	7	67.85
1147948	12/21/2015	Planned Outage	13.1	3	4.37
1147949	12/21/2015	Planned Outage	72.9	2	36.45
1147952	12/21/2015	Planned Outage	1146.6	21	54.6
1147953	12/21/2015	Planned Outage	53.4	1	53.4
1147956	12/21/2015	Planned Outage	38.32	1	38.32
1147957	12/21/2015	Planned Outage	241.53	4	60.38
1147958	12/21/2015	Planned Outage	36.78	1	36.78
1147962	12/21/2015	Planned Outage	881.1	22	40.05
1147966	12/21/2015	Planned Outage	324.3	18	18.02
1147967	12/21/2015	Planned Outage	25.13	1	25.13
1147968	12/21/2015	Planned Outage	315.47	13	24.27
1147972	12/21/2015	Planned Outage	7.63	1	7.63
1147973	12/21/2015	Planned Outage	6.93	1	6.93
1147974	12/21/2015	Planned Outage	225.7	1	225.7
1147978	12/21/2015	Planned Outage	2748.6	36	76.35
1147985	12/21/2015	Planned Outage	65.27	4	16.32
1147993	12/21/2015	Planned Outage	194.87	4	48.72
1147997	12/21/2015	Planned Outage	492.73	4	123.18
1148005	12/21/2015	Planned Outage	227.8	3	75.93
1148212	12/21/2015	Planned Outage	107.58	5	21.52
1148215	12/21/2015	Planned Outage	33.58	1	33.58
1148216	12/21/2015	Planned Outage	34.35	1	34.35
1148219	12/21/2015	Planned Outage	239.28	7	34.18
1148247	12/21/2015	Planned Outage	69.58	5	13.92
1148325	12/22/2015	Planned Outage	130.43	1	130.43
1148372	12/22/2015	Planned Outage	48.35	1	48.35
1148382	12/22/2015	Planned Outage	15.55	1	15.55
1148386	12/22/2015	Planned Outage	9.78	1	9.78
1148391	12/22/2015	Planned Outage	64.63	14	4.62
1148396	12/22/2015	Planned Outage	4.77	1	4.77
1148405	12/22/2015	Planned Outage	337.83	2	168.92
1148433	12/22/2015	Planned Outage	971.1	6	161.85
1148437	12/22/2015	Planned Outage	120	3	40
1148442	12/22/2015	Planned Outage	1096	8	137
1148447	12/22/2015	Planned Outage	70	2	35

Appendix 1

2015 Planned Outages Table

1148449	12/22/2015	Planned Outage	10.53	1	10.53
1148451	12/22/2015	Planned Outage	195	5	39
1148498	12/23/2015	Planned Outage	104.1	3	34.7
1148501	12/23/2015	Planned Outage	60.9	1	60.9
1148502	12/23/2015	Planned Outage	18.08	1	18.08
1148506	12/23/2015	Planned Outage	47.4	1	47.4
1148508	12/23/2015	Planned Outage	80.63	2	40.32
1148529	12/23/2015	Planned Outage	198.92	7	28.42
1148564	12/23/2015	Planned Outage	4.37	1	4.37
1148610	12/23/2015	Planned Outage	6.63	1	6.63
1148762	12/24/2015	Planned Outage	40.27	2	20.13
1148808	12/25/2015	Planned Outage	42.4	1	42.4
1148944	12/27/2015	Planned Outage	615.43	37	16.63
1148957	12/27/2015	Planned Outage	64	5	12.8
1148997	12/28/2015	Planned Outage	180.7	13	13.9
1149003	12/28/2015	Planned Outage	233.03	1	233.03
1149131	12/28/2015	Planned Outage	257.8	6	42.97
1149148	12/28/2015	Planned Outage	213.27	4	53.32
1149149	12/28/2015	Planned Outage	63.67	1	63.67
1149150	12/28/2015	Planned Outage	62.88	1	62.88
1149191	12/28/2015	Planned Outage	232.05	21	11.05
1149204	12/28/2015	Planned Outage	137.67	4	34.42
1149268	12/28/2015	Planned Outage	151.5	5	30.3
1149329	12/28/2015	Planned Outage	55.02	1	55.02
1149330	12/28/2015	Planned Outage	53.3	1	53.3
1149404	12/28/2015	Planned Outage	215.6	7	30.8
1149431	12/28/2015	Planned Outage	23.68	1	23.68
1149496	12/29/2015	Planned Outage	344.08	5	68.82
1149497	12/29/2015	Planned Outage	55.88	1	55.88
1149515	12/29/2015	Planned Outage	1679.55	9	186.62
1149516	12/29/2015	Planned Outage	1522.65	9	169.18
1149517	12/29/2015	Planned Outage	185.73	4	46.43
1149518	12/29/2015	Planned Outage	120	2	60
1149527	12/29/2015	Planned Outage	205.1	2	102.55
1149538	12/29/2015	Planned Outage	510	3	170
1149545	12/29/2015	Planned Outage	130.7	1	130.7
1149551	12/29/2015	Planned Outage	296	4	74
1149556	12/29/2015	Planned Outage	24	1	24
1149559	12/29/2015	Planned Outage	55	1	55
1149560	12/29/2015	Planned Outage	10.68	1	10.68
1149565	12/29/2015	Planned Outage	13.93	1	13.93
1149570	12/29/2015	Planned Outage	935.2	16	58.45
1149573	12/29/2015	Planned Outage	186	3	62
1149583	12/29/2015	Planned Outage	11.12	1	11.12
1149584	12/29/2015	Planned Outage	247.33	4	61.83
1149585	12/29/2015	Planned Outage	4	1	4
1149588	12/29/2015	Planned Outage	113.53	2	56.77
1149600	12/29/2015	Planned Outage	27.8	4	6.95
1149609	12/29/2015	Planned Outage	259.6	6	43.27

Appendix 1

2015 Planned Outages Table

1149640	12/30/2015	Planned Outage	47.53	2	23.77
1149643	12/30/2015	Planned Outage	76	4	19
1149645	12/30/2015	Planned Outage	42.25	3	14.08
1149646	12/30/2015	Planned Outage	56	2	28
1149660	12/30/2015	Planned Outage	68.92	1	68.92
1149663	12/30/2015	Planned Outage	17.17	1	17.17
1149666	12/30/2015	Planned Outage	21.53	2	10.77
1149670	12/30/2015	Planned Outage	1164.67	5	232.93
1149751	12/30/2015	Planned Outage	66.73	4	16.68
1149752	12/30/2015	Planned Outage	16	1	16
1149764	12/30/2015	Planned Outage	45.15	3	15.05
1149771	12/30/2015	Planned Outage	256	8	32
1149780	12/29/2015	Planned Outage	5466.3	3	1822.1
1149791	12/30/2015	Planned Outage	302.92	5	60.58
1149794	12/30/2015	Planned Outage	81.73	4	20.43
1149876	12/31/2015	Planned Outage	78.67	5	15.73
1149877	12/31/2015	Planned Outage	803.8	6	133.97
1149882	12/31/2015	Planned Outage	48.53	4	12.13
1149885	12/31/2015	Planned Outage	442.1	2	221.05
1149896	12/31/2015	Planned Outage	42.08	5	8.42
1149902	12/31/2015	Planned Outage	31.55	3	10.52
1149941	12/31/2015	Planned Outage	36.6	3	12.2
1149955	12/31/2015	Planned Outage	181.37	2	90.68

Appendix 2

APPENDIX 2

**Gulf Power Company
Annual Wood Pole Inspection Report
(Reporting Year 2015)**

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	Method(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
203,554 (Note 3)	26,000	25,563 (Note 1)	693	2.71	641	633 (Note 2)	52		V, E, S, B	26,000	52,767	26%
If b – c > 0, provide explanation												
If d – g > 0, provide explanation												
Note 1: Gulf started the second year of the second eight year cycle in 2015.												
Note 2: Pole inspections were completed in 2015 and remaining repairs have been scheduled for 2016												
Note 3: This total represents wooden poles only.												
Gulf is systematically moving across its system. Poles are selected for inspection on a geographical basis.												
Description of selection criteria for inspections												

Appendix 3

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines		(d) Number of Overhead Lateral Miles		(e) Number of Customers served on Overhead Lateral Lines		(f) CMI for Overhead Lateral Lines		(g) CI for Overhead Lateral Lines		(h) Number of Overhead Lateral Lines		(i) Number of Overhead Lateral Miles		(j) Number of Customers served on Overhead Lateral Lines		(k) CMI for Overhead Lateral Lines		(l) CI for Overhead Lateral Lines		
		Overhead	Lateral Lines	Overhead	Lateral Miles	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Miles	Overhead	Lateral Miles	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead
18	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
514	WESTERN	0	0	0	0	1	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
804	WESTERN	0	0	0	0	1	0	0.00	0	0	0	4	1	0	0	0	0	0.00	0	0	0	0
2222	EASTERN	0	0	0	0	1	0	0.00	0	0	0	1	1	0	0	18	0	0.00	0	0	0	0
2613	CENTRAL	6	6	2	2	16	15248.39	113	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
2619	CENTRAL	13	5	5	69	50.65	1	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5202	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5212	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5222	WESTERN	0	0	0	0	0	0	0.00	0	0	0	1	0	0	0	0	0	0.00	0	0	0	0
5232	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5242	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5262	WESTERN	0	0	0	0	0	0	0.00	0	0	0	1	0	0	0	0	0	0.00	0	0	0	0
5332	WESTERN	91	14	14	771	248744.30	3351	53	12	1309	12798.54	53	12	12	1309	12798.54	53	12	1309	12798.54	53	12
5342	WESTERN	26	4	4	174	6581.28	116	21	5	917	0.00	21	5	5	917	0.00	21	5	917	0.00	21	5
5352	WESTERN	45	7	7	143	4217.29	41	30	3	86	0.00	30	3	3	86	0.00	30	3	86	0.00	30	3
5362	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5372	WESTERN	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5382	WESTERN	461	128	128	1820	291701.61	2280	37	6	171	295.45	37	6	6	171	295.45	37	6	171	295.45	37	6
5392	WESTERN	240	62	62	942	152998.62	1625	22	2	29	75.00	22	2	2	29	75.00	22	2	29	75.00	22	2
5412	WESTERN	1	0	0	3	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5454	EASTERN	0	0	0	1	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0
5502	WESTERN	65	11	11	306	11346.69	126	10	11	557	0.00	10	11	11	557	0.00	10	11	557	0.00	10	11
5512	WESTERN	165	41	41	1011	265198.28	1840	27	12	544	1051.52	27	12	12	544	1051.52	27	12	544	1051.52	27	12
5522	WESTERN	101	23	23	605	34763.91	676	15	5	298	388.10	15	5	5	298	388.10	15	5	298	388.10	15	5
5542	WESTERN	106	33	33	1853	375902.96	3117	30	25	1419	18394.24	30	25	25	1419	18394.24	30	25	1419	18394.24	30	25
5562	WESTERN	88	23	23	1787	687606.10	4972	16	5	341	10075.15	16	5	5	341	10075.15	16	5	341	10075.15	16	5
5572	WESTERN	31	12	12	947	15028.78	222	14	5	386	1367.73	14	5	5	386	1367.73	14	5	386	1367.73	14	5
5582	WESTERN	97	15	15	886	104745.15	1269	13	8	939	2000.43	13	8	8	939	2000.43	13	8	939	2000.43	13	8
5592	WESTERN	27	4	4	263	9097.33	124	16	5	1126	265.33	16	5	5	1126	265.33	16	5	1126	265.33	16	5
5602	WESTERN	305	75	75	1886	355430.58	2759	33	12	142	0.00	33	12	12	142	0.00	33	12	142	0.00	33	12
5612	WESTERN	473	134	134	2269	350139.12	1847	12	5	181	0.00	12	5	5	181	0.00	12	5	181	0.00	12	5
5632	WESTERN	22	6	6	481	21521.50	322	22	8	756	9290.63	22	8	8	756	9290.63	22	8	756	9290.63	22	8
5642	WESTERN	104	25	25	1667	67738.03	665	14	18	1120	1104.27	14	18	18	1120	1104.27	14	18	1120	1104.27	14	18
5652	CENTRAL	83	17	17	1117	114254.42	1396	33	5	413	866.53	33	5	5	413	866.53	33	5	413	866.53	33	5
5662	CENTRAL	96	18	18	1671	949580.71	5507	60	8	1346	15312.86	60	8	8	1346	15312.86	60	8	1346	15312.86	60	8
5682	CENTRAL	50	9	9	905	32824.22	441	24	2	245	3845.47	24	2	2	245	3845.47	24	2	245	3845.47	24	2

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
18	WESTERN	0	0	No	0.00	0.00	0.00	0	0	0	0.00	0.00
514	WESTERN	0	0	No	0.01	0.00	0.01	1	0	0	0.10	4.81
804	WESTERN	0	0	No	2.22	1.09	1.13	1	0	0	0.10	0.45
2222	EASTERN	0	0	No	0.76	0.68	0.08	19	0	0	0.10	0.03
2613	CENTRAL	0	0	No	2.49	0.00	2.49	16	15248	113	0.10	0.10
2619	CENTRAL	0	0	No	5.31	0.00	5.31	69	51	1	0.10	0.35
5202	WESTERN	0	0	No	0.03	0.00	0.03	0	0	0	0.10	4.44
5212	WESTERN	0	0	No	0.02	0.00	0.02	0	0	0	0.10	2.78
5222	WESTERN	0	0	Yes	1.00	0.97	0.03	0	0	0	0.10	6.16
5232	WESTERN	0	0	Yes	1.08	1.06	0.02	0	0	0	0.10	4.77
5242	WESTERN	0	0	No	0.02	0.00	0.02	0	0	0	0.10	1.46
5262	WESTERN	0	0	Yes	1.03	0.96	0.07	0	0	0	0.10	4.78
5332	WESTERN	0	0	Yes	30.36	11.56	18.80	2080	315895	4329	0.50	11.89
5342	WESTERN	0	0	Yes	10.87	5.26	5.61	1091	6581	116	0.10	7.20
5352	WESTERN	0	0	Yes	11.63	2.65	8.98	229	11991	271	0.50	11.85
5362	WESTERN	0	0	No	3.17	0.03	3.15	1	0	0	0.10	0.92
5372	WESTERN	0	0	No	3.14	0.03	3.11	0	0	0	0.10	1.13
5382	WESTERN	0	0	No	142.48	6.33	136.15	1991	958494	5074	0.25	10.89
5392	WESTERN	0	0	No	65.76	2.32	63.44	971	226140	2591	0.50	4.84
5412	WESTERN	0	0	No	0.93	0.00	0.93	3	0	0	0.10	6.32
5454	EASTERN	0	0	No	0.02	0.00	0.02	1	0	0	0.10	18.00
5502	WESTERN	0	0	Yes	25.37	11.48	13.89	863	11347	126	1.50	8.34
5512	WESTERN	1	0	Yes	56.36	12.17	44.19	1555	345233	2889	0.50	7.46
5522	WESTERN	0	0	No	33.36	5.07	28.29	903	37984	1154	0.10	3.92
5542	WESTERN	0	0	Yes	61.88	24.84	37.04	3272	561324	11817	1.00	15.57
5562	WESTERN	0	0	Yes	30.88	5.10	25.78	2128	699986	7178	0.10	8.25
5572	WESTERN	0	0	No	18.68	5.26	13.43	1333	16397	232	0.10	6.73
5582	WESTERN	1	0	Yes	26.52	7.87	18.65	1825	106746	1281	0.10	9.93
5592	WESTERN	0	0	Yes	14.31	6.79	7.52	1389	9363	126	0.50	4.16
5602	WESTERN	0	0	Yes	93.11	12.32	80.79	2028	355431	2759	0.50	12.64
5612	WESTERN	0	0	Yes	145.05	4.62	140.43	2450	350139	1847	1.00	12.86
5632	WESTERN	0	0	Yes	16.53	9.39	7.14	1237	30812	364	0.25	4.90
5642	WESTERN	0	0	No	47.80	17.57	30.23	2787	68842	673	1.00	13.38
5652	CENTRAL	0	0	No	24.16	5.18	18.98	1530	115121	1402	0.25	8.73
5662	CENTRAL	0	0	No	28.30	8.46	19.84	3017	1354864	7786	0.10	11.69
5682	CENTRAL	0	0	No	12.61	2.35	10.26	1150	36670	473	0.10	9.99

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines	(d) Number of Overhead Lateral Miles	(e) Number of Customers served on Overhead Lateral Lines	(f) CMI for Overhead Lateral Lines	(g) CI for Overhead Lateral Lines	(h) Number of Underground Lateral Lines	(i) Number of Underground Lateral Miles	(j) Number of Customers served on Underground Lateral Lines	(k) CMI for Underground Lateral Lines	(l) CI for Underground Lateral Lines
5752	WESTERN	144	27	1339	98036.61	772	25	21	1033	48714.64	450
5762	WESTERN	76	22	988	107317.54	1230	15	15	1125	22472.95	100
5772	WESTERN	20	4	130	17446.32	405	6	3	203	8877.76	109
5782	WESTERN	204	64	1926	251165.71	2202	25	20	590	1030.58	16
5792	WESTERN	282	98	2327	802743.75	5472	47	14	585	576.80	8
5822	WESTERN	102	25	1394	113393.75	910	29	11	683	1116.97	4
5832	WESTERN	203	59	2381	179857.66	1828	18	3	189	412.08	2
5842	WESTERN	160	35	1679	23426.44	235	20	14	1069	9723.12	83
5852	WESTERN	85	26	804	39790.10	285	9	1	11	0.00	0
5872	WESTERN	50	11	670	70654.79	1041	30	15	973	18818.41	122
5882	CENTRAL	93	22	1984	200370.39	2915	35	5	659	29445.40	98
5892	CENTRAL	107	28	2058	121456.41	875	52	18	1439	6802.71	19
5902	WESTERN	40	7	591	109644.07	774	4	3	149	7182.84	28
5912	WESTERN	24	2	273	23685.70	184	33	6	371	276.93	2
5922	WESTERN	40	7	721	85479.64	768	25	25	1681	36125.98	248
5932	WESTERN	68	14	1162	23814.70	208	26	14	949	50120.95	257
5942	WESTERN	17	7	657	83923.43	731	40	9	1675	22120.49	81
5952	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0
5972	WESTERN	39	9	653	22566.88	866	17	5	478	9308.83	28
5982	WESTERN	41	15	964	33482.77	428	52	13	1430	17969.83	101
5992	WESTERN	39	8	631	25480.61	471	22	11	1040	24066.79	164
6022	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0
6032	WESTERN	33	7	332	17624.19	140	19	4	782	106635.14	496
6042	WESTERN	81	18	1715	196738.08	1906	6	0	49	0.00	0
6052	WESTERN	131	30	1515	211518.61	2930	23	13	1212	67925.11	247
6062	WESTERN	72	20	1615	165063.37	1380	7	0	13	0.00	0
6072	WESTERN	109	25	1281	142242.97	1846	42	24	1746	12626.67	131
6082	WESTERN	114	28	1567	294774.72	2877	17	11	1020	4491.02	41
6092	WESTERN	39	14	875	80139.68	1536	26	8	1052	19196.34	118
6212	WESTERN	117	28	1227	185869.65	861	25	27	1238	45274.30	149
6222	WESTERN	74	19	626	31593.18	294	24	13	871	11223.21	72
6338	WESTERN	0	0	0	0.00	0	0	1	44	6310.00	15
6348	WESTERN	0	0	0	0.00	0	0	1	37	0.00	0
6352	WESTERN	0	0	0	0.00	0	0	1	55	0.00	0

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
5752	WESTERN	0	0	Yes	52.32	20.92	31.40	2372	146751	1222	1.25	12.31
5762	WESTERN	0	0	Yes	40.12	15.36	24.76	2113	129790	1330	1.25	8.23
5772	WESTERN	0	0	Yes	8.45	2.73	5.73	333	26324	514	0.50	3.11
5782	WESTERN	0	0	Yes	89.08	19.57	69.51	2516	252196	2218	1.00	11.63
5792	WESTERN	0	0	No	118.69	13.99	104.70	2912	803321	5480	1.00	12.23
5822	WESTERN	0	0	Yes	39.90	11.11	28.79	2077	114511	914	0.50	11.91
5832	WESTERN	0	0	Yes	68.34	2.55	65.79	2570	180270	1830	0.25	11.02
5842	WESTERN	0	0	No	55.06	14.39	40.67	2748	33150	318	1.00	12.96
5852	WESTERN	0	0	Yes	29.47	1.11	28.36	815	39790	285	0.10	4.57
5872	WESTERN	0	0	No	27.67	15.18	12.48	1643	89473	1163	0.25	8.46
5882	CENTRAL	0	0	No	28.61	5.02	23.59	2643	322126	7452	0.25	10.02
5892	CENTRAL	0	0	No	51.84	17.75	34.09	3497	128259	894	0.25	16.02
5902	WESTERN	0	0	Yes	11.33	3.09	8.24	740	245301	3009	0.10	7.43
5912	WESTERN	0	0	Yes	11.61	6.51	5.10	644	23963	186	0.10	6.92
5922	WESTERN	0	0	Yes	36.56	25.11	11.45	2402	121606	1016	0.25	13.32
5932	WESTERN	0	0	Yes	29.62	14.17	15.46	2111	84511	2580	0.25	10.22
5942	WESTERN	0	0	No	21.42	10.98	10.44	2332	106044	812	0.50	14.60
5952	WESTERN	0	0	No	0.01	0.00	0.01	0	0	0	0.00	0.00
5972	WESTERN	0	0	Yes	16.12	4.90	11.22	1131	31876	894	0.10	5.34
5982	WESTERN	0	0	No	29.00	12.83	16.17	2394	65492	2922	0.10	9.49
5992	WESTERN	0	0	Yes	21.59	10.83	10.76	1671	49547	635	0.10	7.56
6022	WESTERN	0	0	No	0.01	0.00	0.01	0	0	0	0.00	0.00
6032	WESTERN	0	0	Yes	13.89	4.16	9.72	1114	124259	636	0.50	7.46
6042	WESTERN	0	0	Yes	19.64	0.44	19.19	1764	196738	1906	0.10	6.21
6052	WESTERN	0	0	Yes	45.99	12.65	33.35	2727	510046	8599	0.50	12.07
6062	WESTERN	0	0	Yes	23.30	0.30	23.00	1628	165063	1380	0.10	6.84
6072	WESTERN	0	0	Yes	54.70	23.93	30.78	3027	154870	1977	0.50	15.33
6082	WESTERN	0	0	Yes	43.45	11.00	32.45	2587	299266	2918	0.20	10.62
6092	WESTERN	0	0	Yes	26.31	8.52	17.79	1927	99336	1654	0.10	9.69
6212	WESTERN	0	0	Yes	59.70	26.84	32.86	2465	231144	1010	0.50	13.09
6222	WESTERN	0	0	Yes	33.19	12.55	20.64	1497	42816	366	0.50	6.82
6338	WESTERN	0	0	No	0.91	0.91	0.00	44	6310	15	0.00	0.00
6348	WESTERN	0	0	No	0.91	0.91	0.00	37	0	0	0.00	0.00
6352	WESTERN	0	0	No	0.86	0.86	0.00	55	0	0	0.00	0.00

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines		(d) Number of Overhead Lateral Miles		(e) Number of Customers served on Overhead Lateral Lines		(f) CMI for Overhead Lateral Lines		(g) CI for Overhead Lateral Lines		(h) Number of Underground Lateral Lines		(i) Number of Underground Lateral Miles		(j) Number of Customers served on Underground Lateral Lines		(k) CMI for Underground Lateral Lines		(l) CI for Underground Lateral Lines		
		Overhead	Lateral Lines	Overhead	Lateral Miles	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead	Lateral Miles	Overhead	Lateral Lines	Overhead	Lateral Lines	Overhead
6412	CENTRAL	87	29	623	44179.71	896	8	4	156	262.65	1	8	4	156	262.65	1	8	4	156	262.65	1	8
6432	CENTRAL	24	7	199	6828.33	81	4	1	11	0.00	0	4	1	11	0.00	0	4	11	0.00	0	4	11
6452	CENTRAL	37	6	90	9278.20	65	5	0	4	0.00	0	5	0	4	0.00	0	4	4	0.00	0	4	0
6482	WESTERN	36	10	824	153585.92	1439	30	9	1233	15748.80	134	30	9	1233	15748.80	134	30	9	1233	15748.80	134	30
6508	WESTERN	10	2	29	174.00	1	9	0	8	0.00	0	9	0	8	0.00	0	8	8	0.00	0	8	0
6522	WESTERN	110	17	1508	367273.06	3094	36	3	482	5238.20	14	36	3	482	5238.20	14	36	3	482	5238.20	14	36
6532	WESTERN	107	23	1780	271433.30	3815	8	0	300	0.00	0	8	0	300	0.00	0	300	0.00	0	300	0.00	0
6542	WESTERN	60	14	1339	190915.65	1424	14	1	240	235.48	2	14	1	240	235.48	2	14	1	240	235.48	2	14
6572	WESTERN	115	21	1618	378640.50	3538	20	1	231	0.00	0	20	1	231	0.00	0	231	0.00	0	231	0.00	0
6582	WESTERN	98	18	1543	181990.92	2379	4	0	29	0.00	0	4	0	29	0.00	0	29	0.00	0	29	0.00	0
6592	WESTERN	21	2	176	41527.49	97	9	1	214	3497.75	57	9	1	214	3497.75	57	9	1	214	3497.75	57	9
6602	WESTERN	30	7	547	57381.12	692	4	0	19	0.00	0	4	0	19	0.00	0	19	0.00	0	19	0.00	0
6612	WESTERN	67	12	1232	130644.12	1357	5	0	5	220.00	4	5	0	5	220.00	4	5	0	5	220.00	4	5
6622	WESTERN	43	8	778	107320.55	987	4	0	11	0.00	0	4	0	11	0.00	0	11	0.00	0	11	0.00	0
6632	WESTERN	85	8	634	10883.14	104	6	1	13	0.00	0	6	1	13	0.00	0	13	0.00	0	13	0.00	0
6642	WESTERN	61	10	583	44733.38	645	10	0	115	0.00	0	10	0	115	0.00	0	115	0.00	0	115	0.00	0
6652	WESTERN	156	26	2362	70840.16	870	12	1	155	43111.24	71	12	1	155	43111.24	71	12	1	155	43111.24	71	12
6662	WESTERN	87	18	1043	231071.59	3008	26	4	398	2278.14	8	26	4	398	2278.14	8	26	4	398	2278.14	8	26
6678	WESTERN	52	16	1601	320983.85	3659	25	5	718	6074.19	61	25	5	718	6074.19	61	25	5	718	6074.19	61	25
6682	WESTERN	35	10	755	148367.23	1633	11	2	228	88.73	1	11	2	228	88.73	1	11	2	228	88.73	1	11
6692	WESTERN	59	14	1116	98021.72	1016	12	3	525	0.00	0	12	3	525	0.00	0	525	0.00	0	525	0.00	0
6706	WESTERN	55	14	766	85804.27	636	4	0	4	0.00	0	4	0	4	0.00	0	4	0.00	0	4	0.00	0
6716	WESTERN	67	12	790	130927.90	1159	17	1	165	0.00	0	17	1	165	0.00	0	165	0.00	0	165	0.00	0
6722	WESTERN	0	0	0	0.00	0	0	0	2	0.00	0	0	0	2	0.00	0	2	0.00	0	2	0.00	0
6732	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0	0	0	0	0.00	0	0	0.00	0	0	0.00	0
6742	WESTERN	29	11	1155	15568.47	315	11	7	674	15137.30	201	11	7	674	15137.30	201	11	7	674	15137.30	201	11
6774	WESTERN	67	16	725	8239.70	133	31	2	86	0.00	0	31	2	86	0.00	0	86	0.00	0	86	0.00	0
6782	WESTERN	99	27	1025	223769.77	3166	22	7	682	0.00	0	22	7	682	0.00	0	682	0.00	0	682	0.00	0
6792	WESTERN	162	34	1248	84705.16	842	47	13	1160	1317.72	8	47	13	1160	1317.72	8	47	13	1160	1317.72	8	47
6912	WESTERN	133	33	921	170067.06	1735	22	8	473	407.62	2	22	8	473	407.62	2	22	8	473	407.62	2	22
6922	WESTERN	180	47	1185	189335.73	946	10	3	145	0.00	0	10	3	145	0.00	0	145	0.00	0	145	0.00	0
6932	WESTERN	103	22	888	90878.94	777	23	12	742	4271.23	29	23	12	742	4271.23	29	23	12	742	4271.23	29	23
6942	WESTERN	274	53	1478	352240.05	4348	16	4	179	12504.00	36	16	4	179	12504.00	36	16	4	179	12504.00	36	16
6966	WESTERN	1	0	0	0.00	0	1	0	1	0.00	0	1	0	1	0.00	0	1	0.00	0	1	0.00	0

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
6412	CENTRAL	0	0	Yes	34.85	4.10	30.75	779	44442	897	0.25	4.13
6432	CENTRAL	0	0	No	8.80	0.58	8.22	210	6828	81	0.10	1.31
6452	CENTRAL	0	0	Yes	10.13	0.43	9.70	94	9278	65	0.10	0.86
6482	WESTERN	0	0	Yes	22.71	9.41	13.30	2057	169335	1573	0.10	7.60
6508	WESTERN	0	0	No	2.53	0.47	2.07	37	174	1	0.10	9.48
6522	WESTERN	0	0	No	23.90	3.49	20.41	1990	372511	3108	0.10	8.35
6532	WESTERN	0	0	No	24.78	0.40	24.38	2080	271433	3815	0.10	7.52
6542	WESTERN	0	0	No	17.89	1.26	16.63	1579	191151	1426	0.10	7.03
6572	WESTERN	0	0	No	24.49	0.90	23.59	1849	486375	5364	1.00	9.31
6582	WESTERN	0	0	Yes	20.92	0.20	20.71	1572	181991	2379	0.10	6.13
6592	WESTERN	0	0	No	6.45	0.91	5.54	390	45420	549	0.10	8.04
6602	WESTERN	0	0	Yes	7.83	0.13	7.70	566	57381	692	0.10	2.06
6612	WESTERN	0	0	Yes	15.91	0.18	15.73	1237	158585	2605	0.10	5.77
6622	WESTERN	0	0	Yes	9.36	0.26	9.10	789	107321	987	0.10	4.44
6632	WESTERN	0	0	Yes	11.46	0.96	10.50	647	10883	104	0.10	8.84
6642	WESTERN	0	0	Yes	12.94	0.49	12.46	698	102357	1610	0.10	7.11
6652	WESTERN	0	0	Yes	29.55	1.01	28.54	2517	113951	941	0.10	10.75
6662	WESTERN	0	0	Yes	25.70	3.84	21.87	1441	453510	4391	0.10	8.70
6678	WESTERN	0	0	Yes	24.33	5.46	18.87	2319	327058	3720	0.10	8.98
6682	WESTERN	0	0	Yes	16.41	2.38	14.03	983	163893	2030	0.10	5.72
6692	WESTERN	0	0	Yes	18.84	2.92	15.92	1641	98022	1016	0.25	6.34
6706	WESTERN	0	0	No	15.30	0.11	15.19	770	85804	636	0.10	4.47
6716	WESTERN	0	0	Yes	18.13	1.14	17.00	955	130928	1159	0.10	5.73
6722	WESTERN	0	0	Yes	1.20	0.12	1.08	2	0	0	0.10	8.89
6732	WESTERN	0	0	Yes	0.67	0.12	0.55	0	0	0	0.10	5.84
6742	WESTERN	0	0	Yes	21.39	7.48	13.91	1829	30706	516	0.10	6.49
6774	WESTERN	0	0	No	21.24	2.21	19.03	811	9170	942	0.20	7.02
6782	WESTERN	0	0	No	39.45	6.70	32.75	1707	223770	3166	0.25	9.25
6792	WESTERN	0	0	No	50.20	12.87	37.33	2408	86023	850	1.00	11.52
6912	WESTERN	0	0	Yes	42.58	7.52	35.05	1394	170475	1737	0.50	7.04
6922	WESTERN	1	0	Yes	51.17	3.13	48.04	1330	259161	2171	0.10	5.58
6932	WESTERN	0	0	No	39.32	12.22	27.10	1630	129387	2170	0.25	7.79
6942	WESTERN	0	0	Yes	61.66	4.02	57.65	1657	364744	4384	0.20	7.08
6966	WESTERN	0	0	No	0.42	0.02	0.41	1	0	0	0.00	0.00

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines		(d) Number of Overhead Lateral Miles		(e) Number of Customers served on Overhead Lateral Lines		(f) CMI for Overhead Lateral Lines		(g) CI for Overhead Lateral Lines		(h) Number of Underground Lateral Lines		(i) Number of Underground Lateral Miles		(j) Number of Customers served on Underground Lateral Lines		(k) CMI for Underground Lateral Lines		(l) CI for Underground Lateral Lines	
		Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Overhead Lateral Lines	CMI for Overhead Lateral Lines	CI for Overhead Lateral Lines	Number of Underground Lateral Lines	Number of Underground Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines	Number of Underground Lateral Lines	Number of Underground Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines					
6982	WESTERN	9	10	15	1664.82	12	0	0	0.00	0	0	0	0.00	0	0	0	0.00	0	0.00	0	0
6992	WESTERN	110	19	1013	128996.59	816	31	1256	7483.97	32	20	1256	7483.97	32	20	1256	7483.97	32	20	1256	7483.97
7012	WESTERN	132	34	1834	72382.06	766	17	390	0.00	0	5	390	0.00	0	5	390	0.00	0	0.00	0	0
7022	WESTERN	65	12	589	21172.99	217	20	341	4950.26	43	8	341	4950.26	43	8	341	4950.26	43	8	341	4950.26
7032	WESTERN	49	10	533	27520.02	300	14	363	16059.46	78	4	363	16059.46	78	4	363	16059.46	78	4	363	16059.46
7042	WESTERN	78	22	926	48550.49	439	20	815	4613.35	81	14	815	4613.35	81	14	815	4613.35	81	14	815	4613.35
7112	WESTERN	119	23	1100	224737.68	1117	22	615	11980.80	108	7	615	11980.80	108	7	615	11980.80	108	7	615	11980.80
7122	WESTERN	121	23	719	58988.72	1040	28	998	12991.98	91	15	998	12991.98	91	15	998	12991.98	91	15	998	12991.98
7132	WESTERN	127	19	950	21438.59	219	23	720	1393.27	5	10	720	1393.27	5	10	720	1393.27	5	10	720	1393.27
7157	WESTERN	0	1	1	0.00	0	1	0	0.00	0	0	0	0.00	0	0	0	0.00	0	0	0	0.00
7172	WESTERN	74	16	851	6985.81	127	16	403	56.25	1	7	403	56.25	1	7	403	56.25	1	7	403	56.25
7232	WESTERN	196	50	1869	112720.79	2934	53	454	5295.54	18	10	454	5295.54	18	10	454	5295.54	18	10	454	5295.54
7246	WESTERN	0	0	0	0.00	0	0	0	0.00	0	0	0	0.00	0	0	0	0.00	0	0	0	0.00
7252	WESTERN	164	39	1404	56206.90	1021	43	1206	5854.86	25	18	1206	5854.86	25	18	1206	5854.86	25	18	1206	5854.86
7262	WESTERN	186	64	2620	566120.76	4127	26	525	64.12	1	7	525	64.12	1	7	525	64.12	1	7	525	64.12
7272	WESTERN	234	69	2262	293092.91	1627	33	245	58.00	1	3	245	58.00	1	3	245	58.00	1	3	245	58.00
7282	WESTERN	98	25	1425	590464.36	3751	27	224	945.60	6	4	224	945.60	6	4	224	945.60	6	4	224	945.60
7292	WESTERN	123	27	1558	115363.51	1163	19	419	310.28	1	5	419	310.28	1	5	419	310.28	1	5	419	310.28
7302	WESTERN	0	1	0	0.00	0	0	6	0.00	0	1	6	0.00	0	1	6	0.00	0	1	6	0.00
7332	WESTERN	74	17	469	6826.35	266	27	998	23631.75	104	18	998	23631.75	104	18	998	23631.75	104	18	998	23631.75
7342	WESTERN	141	22	1064	1553596.84	9457	70	2342	330.12	1	15	2342	330.12	1	15	2342	330.12	1	15	2342	330.12
7352	WESTERN	41	12	994	244987.01	3378	23	1394	15288.18	120	7	1394	15288.18	120	7	1394	15288.18	120	7	1394	15288.18
7362	WESTERN	32	5	309	59709.40	577	44	1655	11674.11	24	6	1655	11674.11	24	6	1655	11674.11	24	6	1655	11674.11
7372	WESTERN	64	12	821	18272.14	172	30	1942	3588.50	20	28	1942	3588.50	20	28	1942	3588.50	20	28	1942	3588.50
7492	WESTERN	128	29	746	99745.50	1205	10	66	1378.67	8	1	66	1378.67	8	1	66	1378.67	8	1	66	1378.67
7512	WESTERN	94	17	1236	59706.67	817	34	484	12671.29	116	5	484	12671.29	116	5	484	12671.29	116	5	484	12671.29
7522	WESTERN	50	9	834	78295.00	904	35	573	32657.50	148	10	573	32657.50	148	10	573	32657.50	148	10	573	32657.50
7532	WESTERN	8	2	180	109818.34	877	6	1128	506284.69	3220	18	1128	506284.69	3220	18	1128	506284.69	3220	18	1128	506284.69
7542	WESTERN	0	0	0	0.00	0	1	365	11163.65	74	6	365	11163.65	74	6	365	11163.65	74	6	365	11163.65
7582	WESTERN	177	34	2280	279409.71	3878	23	367	1471.00	5	4	367	1471.00	5	4	367	1471.00	5	4	367	1471.00
7592	WESTERN	22	5	303	73537.00	703	12	582	3668.00	14	6	582	3668.00	14	6	582	3668.00	14	6	582	3668.00
7602	WESTERN	29	5	188	29023.31	212	37	433	1432.47	6	3	433	1432.47	6	3	433	1432.47	6	3	433	1432.47
7612	WESTERN	87	15	1113	87518.26	1715	50	850	12211.91	73	5	850	12211.91	73	5	850	12211.91	73	5	850	12211.91
7622	WESTERN	50	10	958	61119.48	914	19	363	16592.56	72	2	363	16592.56	72	2	363	16592.56	72	2	363	16592.56

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
6982	WESTERN	0	0	No	10.64	0.00	10.64	15	3729	27	0.10	0.58
6992	WESTERN	0	0	Yes	44.88	19.89	24.98	2269	136481	848	0.10	12.91
7012	WESTERN	0	0	No	42.31	4.53	37.78	2224	72382	766	0.10	10.72
7022	WESTERN	0	0	Yes	23.02	7.52	15.50	930	26123	260	0.10	6.26
7032	WESTERN	0	0	No	15.00	4.41	10.59	896	43579	378	0.10	4.30
7042	WESTERN	0	0	Yes	40.61	14.18	26.43	1741	53164	520	0.10	7.82
7112	WESTERN	0	0	Yes	31.23	6.89	24.34	1715	236718	1225	0.25	11.32
7122	WESTERN	0	0	Yes	41.04	15.17	25.87	1717	71981	1131	1.00	8.72
7132	WESTERN	0	0	Yes	33.60	9.61	23.99	1670	67113	1851	0.25	7.65
7157	WESTERN	0	0	No	0.70	0.09	0.61	1	0	0	0.00	1.71
7172	WESTERN	0	0	Yes	28.70	7.26	21.45	1254	7042	128	0.10	5.78
7232	WESTERN	0	0	Yes	64.41	9.55	54.87	2323	118016	2952	0.10	10.23
7246	WESTERN	0	0	No	0.00	0.00	0.00	0	0	0	0.00	0.00
7252	WESTERN	0	0	Yes	59.92	17.68	42.24	2610	146996	3612	0.50	12.82
7262	WESTERN	0	0	Yes	76.05	6.71	69.34	3145	566185	4128	0.50	12.12
7272	WESTERN	0	0	Yes	76.98	3.16	73.82	2507	627816	3638	0.10	12.15
7282	WESTERN	0	0	Yes	33.49	4.13	29.36	1649	657077	5518	0.10	10.04
7292	WESTERN	0	0	Yes	36.65	4.56	32.09	1977	115674	1164	0.25	11.15
7302	WESTERN	0	0	No	1.42	0.68	0.73	6	0	0	0.10	0.50
7332	WESTERN	0	0	Yes	37.10	18.10	19.00	1467	30458	370	0.25	7.52
7342	WESTERN	0	0	Yes	42.04	15.64	26.40	3406	1553927	9458	0.25	12.90
7352	WESTERN	0	0	Yes	22.03	7.34	14.69	2388	260275	3498	0.10	8.47
7362	WESTERN	0	0	Yes	14.72	6.62	8.10	1964	71384	601	0.25	8.47
7372	WESTERN	0	0	Yes	43.85	28.50	15.35	2763	50027	5697	0.25	11.63
7492	WESTERN	0	0	No	32.58	0.98	31.60	812	101124	1213	0.10	5.00
7512	WESTERN	0	0	Yes	25.14	5.25	19.88	1720	72378	933	0.25	10.02
7522	WESTERN	0	0	Yes	22.79	10.03	12.75	1407	110953	1052	0.25	11.77
7532	WESTERN	0	0	Yes	24.56	21.37	3.20	1308	616473	4103	0.25	6.03
7542	WESTERN	0	0	Yes	10.72	9.95	0.78	365	11164	74	0.25	4.76
7582	WESTERN	0	0	Yes	43.78	4.39	39.39	2647	357487	5275	0.10	10.48
7592	WESTERN	0	0	Yes	12.54	6.13	6.41	885	77205	717	0.10	4.24
7602	WESTERN	0	0	No	9.18	3.24	5.94	621	30456	218	0.25	5.20
7612	WESTERN	0	0	Yes	22.19	5.40	16.79	1963	99730	1788	0.25	12.43
7622	WESTERN	0	0	Yes	14.31	2.48	11.83	1321	125550	2283	0.10	6.99

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines	(d) Number of Overhead Lateral Miles	(e) Number of Customers served on Overhead Lateral Lines	(f) CMI for Overhead Lateral Lines	(g) CI for Overhead Lateral Lines	(h) Number of Underground Lateral Lines	(i) Number of Underground Lateral Miles	(j) Number of Customers served on Underground Lateral Lines	(k) CMI for Underground Lateral Lines	(l) CI for Underground Lateral Lines
7632	WESTERN	96	14	1115	43216.24	371	14	5	462	20149.81	172
7642	WESTERN	41	10	954	49788.34	478	21	4	556	4272.96	44
7652	WESTERN	9	1	38	11587.21	103	27	5	309	0.00	0
7662	WESTERN	76	17	1122	161469.33	1344	27	6	601	161589.21	860
7682	WESTERN	68	11	1053	102532.31	1664	35	8	1084	71513.07	464
7692	WESTERN	7	2	110	5497.92	75	7	0	10	0.00	0
7702	WESTERN	46	11	954	62297.10	968	10	7	528	5021.32	53
7712	WESTERN	39	10	705	99683.83	918	4	1	204	14472.94	68
7722	WESTERN	43	12	1011	127834.10	1009	1	1	49	6162.60	72
7732	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0
7742	WESTERN	58	19	1823	403501.20	1486	14	2	291	5528.05	42
7752	WESTERN	85	18	1360	214790.52	1377	30	6	765	11797.52	64
7762	WESTERN	53	12	1262	70892.74	996	5	0	66	0.00	0
7772	WESTERN	42	6	354	3441.21	77	12	1	263	81.00	1
7782	WESTERN	79	13	989	129274.92	1598	10	1	152	0.00	0
7792	WESTERN	92	21	1386	24934.63	260	19	9	742	7668.32	76
7802	WESTERN	28	6	274	23071.36	284	32	5	870	3810.70	26
7822	WESTERN	43	7	434	21044.36	133	26	8	1490	43755.98	375
7832	WESTERN	128	28	1674	100553.28	1935	21	9	1225	31201.06	235
7842	WESTERN	149	31	1730	368126.25	4041	46	12	1060	21972.63	132
7872	WESTERN	35	6	348	19371.77	318	21	2	71	5754.13	14
7882	WESTERN	57	12	620	55216.45	522	33	4	277	951.97	3
7892	WESTERN	0	0	11	0.00	0	1	1	89	0.00	0
7902	CENTRAL	180	45	1632	122378.69	1377	35	5	369	2002.93	14
7912	CENTRAL	171	57	1489	279620.08	2777	17	1	118	0.00	0
7922	WESTERN	81	13	937	168032.62	2698	28	15	1269	21201.16	248
7932	WESTERN	66	14	1035	20717.02	400	53	9	1020	533.67	6
7942	WESTERN	53	5	532	27616.21	269	26	2	129	35.00	1
7962	CENTRAL	81	28	466	53149.30	582	4	0	5	0.00	0
7992	EASTERN	81	36	1030	23942.50	188	40	13	796	367.13	2
8012	EASTERN	3	1	16	91.00	1	6	0	4	0.00	0
8032	EASTERN	35	22	201	396.10	4	28	12	50	174.88	1
8052	EASTERN	0	0	1	0.00	0	0	0	0	0.00	0
8062	EASTERN	65	29	475	226620.87	1416	16	2	25	0.00	0

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
7632	WESTERN	0	0	No	19.86	4.89	14.98	1577	63366	543	0.10	6.72
7642	WESTERN	0	0	No	15.76	3.69	12.07	1510	54061	522	0.10	6.20
7652	WESTERN	0	0	Yes	9.03	5.21	3.82	347	13282	174	0.25	6.41
7662	WESTERN	0	0	No	25.51	5.90	19.62	1723	339152	6029	0.10	10.71
7682	WESTERN	0	0	No	23.45	8.56	14.89	2137	174045	2128	0.10	8.54
7692	WESTERN	0	0	Yes	3.63	0.48	3.14	120	5498	75	0.10	1.62
7702	WESTERN	0	0	Yes	19.77	6.52	13.25	1482	125842	2507	0.10	8.87
7712	WESTERN	0	0	Yes	12.59	1.32	11.27	909	114157	986	0.10	3.48
7722	WESTERN	0	0	Yes	16.17	0.75	15.42	1060	501414	4248	0.10	4.44
7732	WESTERN	0	0	No	0.00	0.00	0.00	0	0	0	0.00	0.00
7742	WESTERN	0	0	Yes	24.07	1.92	22.15	2114	409029	1528	0.10	7.66
7752	WESTERN	0	0	Yes	27.62	5.72	21.90	2125	235916	5605	0.10	9.01
7762	WESTERN	0	0	Yes	14.73	0.41	14.31	1328	70893	996	0.10	5.60
7772	WESTERN	0	0	Yes	9.94	1.40	8.53	617	3522	78	0.10	5.84
7782	WESTERN	0	0	Yes	17.17	1.15	16.02	1141	284785	3892	0.25	10.78
7792	WESTERN	0	0	Yes	32.43	9.35	23.08	2128	32603	336	0.10	10.13
7802	WESTERN	0	0	No	12.83	5.47	7.36	1144	26882	310	0.50	11.84
7822	WESTERN	0	0	No	17.24	7.76	9.48	1924	64800	508	0.50	8.66
7832	WESTERN	0	0	No	41.28	9.18	32.10	2899	131754	2170	0.10	11.23
7842	WESTERN	1	0	Yes	45.56	11.72	33.84	2790	390099	4173	0.10	13.25
7872	WESTERN	0	0	Yes	9.83	1.63	8.20	419	25126	332	0.25	11.61
7882	WESTERN	0	0	Yes	16.80	4.09	12.71	897	56168	525	1.00	12.44
7892	WESTERN	0	0	No	1.60	0.99	0.61	100	0	0	0.50	10.51
7902	CENTRAL	0	0	No	55.00	5.36	49.64	2001	124382	1391	0.10	12.07
7912	CENTRAL	0	0	No	63.40	1.41	61.99	1607	318182	4193	0.10	7.34
7922	WESTERN	0	0	No	30.74	14.75	15.99	2206	189234	2946	0.10	10.26
7932	WESTERN	0	0	No	24.56	8.57	15.99	2055	127769	2477	0.10	13.91
7942	WESTERN	0	0	Yes	11.91	2.91	9.00	661	27651	270	0.25	9.71
7962	CENTRAL	0	0	No	31.29	0.38	30.91	471	53149	582	0.10	1.93
7992	EASTERN	2	0	Yes	55.26	12.64	42.63	1826	24310	190	1.00	11.47
8012	EASTERN	0	0	No	2.23	0.71	1.52	20	91	1	0.25	1.42
8032	EASTERN	0	0	No	36.64	11.97	24.67	251	571	5	0.10	1.17
8052	EASTERN	0	0	No	0.01	0.00	0.01	1	0	0	0.00	0.00
8062	EASTERN	2	0	No	34.92	1.67	33.24	500	307373	3256	0.50	4.20

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead		(d) Number of Overhead		(e) Number of Customers		(f) CMI for Overhead		(g) CI for Overhead		(h) Number of Underground		(i) Number of Underground		(j) Number of Customers		(k) CMI for Underground		(l) CI for Underground	
		Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles	Lateral Lines	Lateral Miles
8112	EASTERN	62	10	1609	32	68349.37	565	32	3	1968	506.92	7									
8122	EASTERN	31	5	228	25	21873.45	325	25	13	1406	20734.56	171									
8132	EASTERN	40	13	370	48	45873.69	517	48	35	2454	59668.47	588									
8142	EASTERN	0	0	0	0	0.00	0	0	0	0	0.00	0									
8162	CENTRAL	52	13	500	56	49056.41	1905	56	26	1931	21323.83	54									
8172	CENTRAL	3	1	26	12	239320.70	1699	12	18	1894	75806.67	376									
8182	CENTRAL	0	0	0	9	0.00	0	9	5	1173	2777.05	31									
8202	EASTERN	94	23	1421	32	101257.02	1167	32	7	579	2196.30	18									
8222	EASTERN	6	4	42	68	12761.77	68	13	23	910	41.00	1									
8232	EASTERN	0	0	1	0	0.00	0	0	0	0	0.00	0									
8252	EASTERN	0	0	1	0	0.00	0	0	0	0	0.00	0									
8262	EASTERN	0	2	1	0	0.00	0	0	0	0	0.00	0									
8282	EASTERN	111	25	2005	46	738075.26	3764	46	6	804	0.00	0									
8332	EASTERN	95	37	1766	73	119827.14	1716	73	22	1490	22798.99	162									
8342	EASTERN	98	26	2011	40	143337.86	2465	40	3	511	0.00	0									
8352	EASTERN	66	12	1186	30	180906.48	1427	30	4	1740	6542.48	45									
8362	EASTERN	54	15	821	33	11820.05	244	33	12	2113	19561.80	146									
8372	EASTERN	11	2	79	19	215.22	2	19	8	883	347.85	6									
8382	EASTERN	6	1	15	7	72.00	1	7	1	93	0.00	0									
8392	EASTERN	64	13	1121	17	33141.41	689	17	2	385	308.33	1									
8412	EASTERN	88	15	1309	528	53967.93	528	42	2	414	91.00	1									
8422	EASTERN	0	0	0	0	0.00	0	0	0	0	0.00	0									
8432	EASTERN	70	13	1344	16	63604.19	579	16	1	325	0.00	0									
8442	EASTERN	69	10	1024	14	135007.04	858	14	1	125	0.00	0									
8452	EASTERN	41	6	264	58	26057.21	244	58	8	726	19626.70	125									
8472	EASTERN	110	20	2101	27	229192.20	2853	27	3	498	333.00	3									
8482	EASTERN	50	10	589	30	32611.04	694	30	2	227	0.00	0									
8492	EASTERN	29	4	274	13	27599.70	362	13	1	115	384.00	2									
8512	EASTERN	7	1	31	13	196.63	2	13	11	952	43451.40	299									
8522	EASTERN	56	12	682	48	16054.19	296	48	20	2080	795.15	7									
8532	EASTERN	22	3	146	25	39428.95	466	25	3	1631	0.00	0									
8542	EASTERN	14	1	127	333	34614.27	333	13	4	3183	4906.83	53									
8552	EASTERN	41	9	832	41	194214.03	2655	41	8	1517	10135.33	60									
8562	EASTERN	37	4	475	43	3257.65	43	28	8	1720	30637.76	200									

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
8112	EASTERN	0	0	Yes	15.66	3.17	12.49	3577	68856	572	0.25	12.81
8122	EASTERN	0	0	Yes	19.95	12.90	7.04	1634	42608	496	1.00	14.78
8132	EASTERN	1	0	No	49.06	34.92	14.15	2824	105542	1105	3.00	15.72
8142	EASTERN	0	0	No	0.00	0.00	0.00	0	0	0	0.00	0.00
8162	CENTRAL	0	0	No	41.22	26.53	14.70	2431	70380	1959	1.50	13.78
8172	CENTRAL	0	0	Yes	19.49	18.32	1.18	1920	315127	2075	1.25	12.93
8182	CENTRAL	0	0	Yes	6.92	5.68	1.25	1173	2777	31	0.25	9.01
8202	EASTERN	0	0	Yes	32.23	6.80	25.43	2000	112448	2926	0.10	10.58
8222	EASTERN	0	0	No	27.43	23.03	4.40	952	12803	69	0.25	7.09
8232	EASTERN	0	0	No	0.01	0.00	0.01	1	0	0	0.10	4.68
8252	EASTERN	0	0	No	0.01	0.00	0.01	1	0	0	0.10	2.04
8262	EASTERN	0	0	No	3.56	0.02	3.54	1	0	0	0.10	9.82
8282	EASTERN	0	0	No	32.18	5.68	26.49	2809	741183	3785	0.10	10.12
8332	EASTERN	2	0	Yes	63.73	22.38	41.35	3256	149168	5149	0.10	13.30
8342	EASTERN	2	0	Yes	32.19	3.16	29.03	2522	149309	4381	0.10	11.12
8352	EASTERN	1	0	No	17.28	3.65	13.63	2926	187449	1472	0.50	11.94
8362	EASTERN	0	0	No	30.70	12.36	18.35	2934	31382	390	1.75	11.64
8372	EASTERN	0	0	Yes	11.05	8.58	2.47	962	563	8	1.00	12.99
8382	EASTERN	0	0	Yes	3.02	1.29	1.73	108	72	1	1.25	9.73
8392	EASTERN	0	0	Yes	17.51	1.98	15.53	1506	175180	2189	0.10	8.06
8412	EASTERN	0	0	No	20.29	2.21	18.08	1723	54059	529	0.50	12.43
8422	EASTERN	0	0	No	0.01	0.00	0.01	0	0	0	0.00	0.00
8432	EASTERN	0	0	Yes	15.99	1.25	14.74	1669	63604	579	0.10	7.56
8442	EASTERN	1	0	Yes	13.55	0.92	12.63	1149	183601	2015	0.10	6.10
8452	EASTERN	0	0	Yes	16.29	7.97	8.32	990	45684	369	0.10	12.95
8472	EASTERN	0	0	Yes	27.88	3.09	24.79	2599	410198	6717	0.10	11.21
8482	EASTERN	0	0	No	16.26	2.26	14.00	816	32611	694	0.10	12.77
8492	EASTERN	0	0	Yes	6.16	1.32	4.85	389	27984	364	0.10	2.92
8512	EASTERN	0	0	No	13.87	11.89	1.98	983	43648	301	0.50	6.51
8522	EASTERN	0	0	No	35.06	19.90	15.16	2762	23172	3052	0.75	15.62
8532	EASTERN	0	0	No	6.77	2.93	3.85	1777	39429	466	0.25	11.35
8542	EASTERN	0	0	No	5.84	3.79	2.05	3310	39521	386	1.00	14.60
8552	EASTERN	0	0	Yes	20.93	8.50	12.44	2349	204349	2715	0.50	9.46
8562	EASTERN	0	0	Yes	16.53	8.55	7.98	2195	33895	243	0.25	10.71

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead		(d) Number of Overhead		(e) Number of Customers		(f) CMI for Overhead		(g) CI for Overhead		(h) Number of Underground		(i) Number of Underground		(j) Number of Customers		(k) CMI for Underground		(l) CI for Underground	
		Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles	Lateral Lines	Miles
8572	EASTERN	110	24	1871	25627.49	1125	41	6	711	515.28	5										
8582	EASTERN	56	12	1178	19175.41	289	24	9	1919	4121.45	84										
8592	EASTERN	1	0	13	0.00	0	10	0	1	0.00	0										
8602	EASTERN	103	21	1273	89809.08	914	44	20	1503	13792.04	103										
8612	EASTERN	54	13	540	9927.04	101	20	7	281	100.90	2										
8622	EASTERN	71	14	647	8885.54	1037	35	9	582	557.67	2										
8642	EASTERN	64	8	1266	33422.62	602	45	10	1410	35424.94	255										
8672	EASTERN	34	7	310	122626.35	1847	53	25	1940	53723.01	513										
8682	EASTERN	57	11	1269	106960.22	1073	37	10	1996	83058.20	484										
8702	EASTERN	74	18	1784	39577.52	412	18	1	103	37.00	1										
8712	EASTERN	69	15	1276	17833.82	217	32	3	149	0.00	0										
8722	EASTERN	124	27	2038	61180.50	917	23	2	289	121.00	1										
8732	EASTERN	82	19	2105	56591.23	658	18	2	248	0.00	0										
8782	EASTERN	35	9	250	94177.01	727	42	3	226	0.00	0										
8792	EASTERN	173	39	2631	84761.47	1259	35	4	416	105.00	1										
8802	EASTERN	84	22	1395	11968.16	197	35	15	1218	20043.05	153										
8812	EASTERN	75	17	1313	84314.12	935	62	12	1554	23094.82	91										
8822	EASTERN	97	23	1547	114834.30	1082	57	10	1787	3101.38	21										
8842	CENTRAL	12	2	70	11891.54	134	33	17	1683	20648.13	148										
8852	EASTERN	79	20	1520	88842.15	2326	12	1	147	0.00	0										
8872	CENTRAL	24	7	327	9967.26	341	34	7	621	2460.50	6										
8882	CENTRAL	20	3	594	270128.17	1504	47	8	1996	19286.63	95										
8892	CENTRAL	29	5	531	192338.86	571	44	9	1899	24294.95	172										
8932	CENTRAL	139	38	1323	36443.16	1587	26	7	350	586.15	3										
8942	CENTRAL	12	1	28	0.00	0	8	0	18	0.00	0										
8952	EASTERN	11	11	16	6241.13	25	4	0	2	18.00	1										
8962	EASTERN	59	14	1283	48292.09	561	48	13	1702	64502.26	279										
8972	EASTERN	92	25	2407	110298.59	1558	22	15	1081	2998.21	15										
8982	CENTRAL	11	2	191	3475.15	30	17	2	294	17994.28	52										
8992	CENTRAL	0	0	0	0.00	0	0	0	0	0.00	0										
9042	CENTRAL	61	8	555	4438.70	34	56	18	1465	7950.49	74										
9052	CENTRAL	47	11	1167	21107.33	340	34	5	735	15535.98	76										
9062	CENTRAL	15	2	199	22791.41	168	18	6	747	81868.40	236										
9082	CENTRAL	15	2	240	2908.51	23	29	11	2487	45645.77	181										

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
8572	EASTERN	1	0	Yes	33.31	5.59	27.73	2582	26143	1130	0.10	13.47
8582	EASTERN	0	0	Yes	22.22	8.57	13.65	3097	23297	373	0.50	14.89
8592	EASTERN	0	0	No	1.78	0.29	1.49	14	0	0	0.10	6.00
8602	EASTERN	3	0	Yes	45.13	19.71	25.42	2776	103601	1017	0.25	13.11
8612	EASTERN	1	0	Yes	24.12	6.64	17.48	821	10028	103	0.25	5.74
8622	EASTERN	0	0	Yes	27.55	9.22	18.34	1229	9443	1039	0.10	10.35
8642	EASTERN	0	0	Yes	22.17	10.42	11.75	2676	68848	857	0.50	10.42
8672	EASTERN	0	0	Yes	34.84	25.28	9.55	2250	181240	3614	0.50	11.59
8682	EASTERN	0	0	No	22.99	9.73	13.27	3265	190018	1557	0.50	12.42
8702	EASTERN	0	0	Yes	21.93	1.01	20.92	1887	39615	413	0.10	7.80
8712	EASTERN	0	0	Yes	22.11	3.40	18.71	1425	17834	217	0.10	11.19
8722	EASTERN	1	0	Yes	30.66	1.59	29.07	2327	61302	918	0.10	11.04
8732	EASTERN	1	0	Yes	24.13	1.67	22.46	2353	56591	658	0.10	8.94
8782	EASTERN	0	0	Yes	12.16	2.90	9.26	476	137432	1683	0.25	8.76
8792	EASTERN	1	0	Yes	47.38	4.30	43.08	3047	84866	1260	0.10	13.37
8802	EASTERN	2	0	No	38.24	14.57	23.68	2613	32011	350	0.10	12.68
8812	EASTERN	0	0	Yes	32.49	11.73	20.76	2867	233905	3875	1.25	14.41
8822	EASTERN	0	0	Yes	36.03	9.84	26.19	3334	117936	1103	0.10	15.75
8842	CENTRAL	0	0	Yes	20.03	16.85	3.18	1753	32540	282	0.50	12.35
8852	EASTERN	1	0	Yes	24.86	1.34	23.52	1667	88842	2326	0.10	8.28
8872	CENTRAL	0	0	No	14.88	7.07	7.81	948	12428	347	0.50	10.04
8882	CENTRAL	0	0	Yes	13.52	9.12	4.41	2590	289415	1599	0.25	9.47
8892	CENTRAL	0	0	Yes	17.51	10.46	7.05	2430	216634	743	0.25	12.91
8932	CENTRAL	0	0	Yes	48.92	7.41	41.51	1673	40729	3259	1.50	10.13
8942	CENTRAL	0	0	No	3.52	0.39	3.13	46	0	0	0.50	1.83
8952	EASTERN	0	0	No	11.75	0.29	11.46	18	6259	26	0.10	0.54
8962	EASTERN	1	0	Yes	29.30	13.16	16.13	2985	112794	840	0.25	11.93
8972	EASTERN	0	0	Yes	42.59	15.41	27.18	3488	113297	1573	0.25	11.67
8982	CENTRAL	0	0	Yes	4.88	1.70	3.18	485	21469	82	0.50	3.16
8992	CENTRAL	0	0	No	0.00	0.00	0.00	0	0	0	0.00	0.00
9042	CENTRAL	0	0	Yes	28.53	18.12	10.41	2020	12389	108	0.50	9.90
9052	CENTRAL	0	0	Yes	19.44	4.74	14.69	1902	36643	416	0.20	10.84
9062	CENTRAL	0	0	No	8.15	6.03	2.12	946	104660	404	0.50	5.87
9082	CENTRAL	0	0	Yes	17.62	12.41	5.21	2727	48554	204	0.50	12.71

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines		(d) Number of Overhead Lateral Miles		(e) Number of Customers served on Overhead Lateral Lines		(f) CMI for Overhead Lateral Lines		(g) CI for Overhead Lateral Lines		(h) Number of Overhead Lateral Lines		(i) Number of Underground Lateral Miles		(j) Number of Customers served on Underground Lateral Lines		(k) CMI for Underground Lateral Lines		(l) CI for Underground Lateral Lines		
		Number of Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Overhead Lateral Lines	CMI for Overhead Lateral Lines	CI for Overhead Lateral Lines	Number of Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines	Number of Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines	Number of Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines	
9092	EASTERN	5	3	14	505.70	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9112	EASTERN	91	44	959	217531.54	2612	25	3	152	0.00	0	3	152	0.00	0	0	0	0	0	0	0	0
9122	EASTERN	18	7	211	11896.74	116	6	1	6	0.00	0	1	6	0.00	0	0	0	0	0	0	0	0
9132	CENTRAL	83	12	876	147824.09	1472	75	12	1418	740.92	0	12	1418	740.92	0	0	0	0	0	0	0	0
9142	CENTRAL	112	20	1648	85102.66	779	44	5	487	3569.27	0	5	487	3569.27	0	0	0	0	0	0	0	0
9152	CENTRAL	75	14	1199	141184.51	1632	45	4	555	1934.77	0	4	555	1934.77	0	0	0	0	0	0	0	0
9162	CENTRAL	61	14	778	42494.69	496	11	3	441	0.00	0	3	441	0.00	0	0	0	0	0	0	0	0
9172	CENTRAL	49	14	1385	90151.86	1343	26	10	784	38399.23	0	10	784	38399.23	0	0	0	0	0	0	0	0
9182	CENTRAL	170	68	799	25098.64	345	15	1	21	144.64	0	1	21	144.64	0	0	0	0	0	0	0	0
9192	CENTRAL	129	37	2138	110131.22	3024	18	3	291	213.00	0	3	291	213.00	0	0	0	0	0	0	0	0
9202	EASTERN	82	34	671	14604.61	420	12	1	36	0.00	0	1	36	0.00	0	0	0	0	0	0	0	0
9212	EASTERN	174	83	1568	150982.45	1976	26	2	75	104.75	0	2	75	104.75	0	0	0	0	0	0	0	0
9222	EASTERN	73	23	914	100436.46	1130	38	2	132	6544.00	0	2	132	6544.00	0	0	0	0	0	0	0	0
9232	CENTRAL	102	24	1628	150882.06	1676	22	2	218	172.53	0	2	218	172.53	0	0	0	0	0	0	0	0
9242	CENTRAL	60	15	722	44772.75	3026	47	10	927	63778.59	0	10	927	63778.59	0	0	0	0	0	0	0	0
9252	CENTRAL	87	18	1351	633417.14	2577	52	17	1072	16143.87	0	17	1072	16143.87	0	0	0	0	0	0	0	0
9292	CENTRAL	48	9	1180	65827.55	1837	34	3	938	12136.13	0	3	938	12136.13	0	0	0	0	0	0	0	0
9312	CENTRAL	65	17	2101	223426.49	1803	9	1	90	0.00	0	1	90	0.00	0	0	0	0	0	0	0	0
9322	CENTRAL	34	8	1176	35186.83	465	14	1	217	0.00	0	1	217	0.00	0	0	0	0	0	0	0	0
9332	CENTRAL	54	10	1069	93786.72	1177	31	5	443	16418.48	0	5	443	16418.48	0	0	0	0	0	0	0	0
9342	CENTRAL	62	10	1164	30777.06	1531	20	2	191	859.73	0	2	191	859.73	0	0	0	0	0	0	0	0
9352	CENTRAL	57	12	1406	37310.28	454	21	2	379	11411.02	0	2	379	11411.02	0	0	0	0	0	0	0	0
9362	CENTRAL	73	15	1560	62339.32	983	20	1	161	0.00	0	1	161	0.00	0	0	0	0	0	0	0	0
9372	CENTRAL	62	14	1426	89715.19	1625	8	0	9	0.00	0	0	9	0.00	0	0	0	0	0	0	0	0
9382	CENTRAL	50	8	795	32100.67	529	16	1	605	430.40	0	1	605	430.40	0	0	0	0	0	0	0	0
9402	CENTRAL	35	4	751	126595.03	2479	40	2	1898	21559.60	0	2	1898	21559.60	0	0	0	0	0	0	0	0
9412	CENTRAL	56	8	846	84343.06	1060	29	2	1286	137.83	0	2	1286	137.83	0	0	0	0	0	0	0	0
9422	CENTRAL	34	4	584	104263.10	537	15	0	242	2004.20	0	0	242	2004.20	0	0	0	0	0	0	0	0
9462	CENTRAL	99	22	1884	50392.31	848	54	15	1068	15101.22	0	15	1068	15101.22	0	0	0	0	0	0	0	0
9472	CENTRAL	52	15	1028	48599.07	805	61	25	1317	23267.66	0	25	1317	23267.66	0	0	0	0	0	0	0	0
9492	CENTRAL	44	6	549	51790.03	1305	33	3	670	0.00	0	3	670	0.00	0	0	0	0	0	0	0	0
9522	EASTERN	357	162	1655	500971.52	7831	26	5	49	0.00	0	5	49	0.00	0	0	0	0	0	0	0	0
9532	CENTRAL	24	3	145	34242.05	208	37	12	2381	12460.01	0	12	2381	12460.01	0	0	0	0	0	0	0	0
9562	CENTRAL	49	5	725	317268.38	1417	33	3	734	297.12	0	3	734	297.12	0	0	0	0	0	0	0	0

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
9092	EASTERN	0	0	No	5.59	0.00	5.59	14	506	2	0.10	1.90
9112	EASTERN	1	0	No	47.46	2.74	44.71	1111	217532	2612	0.10	5.49
9122	EASTERN	0	0	No	8.42	0.79	7.64	217	11897	116	0.50	7.74
9132	CENTRAL	0	0	Yes	27.07	12.87	14.21	2294	153147	3768	0.25	10.37
9142	CENTRAL	0	0	Yes	27.53	5.09	22.45	2135	88672	829	0.10	10.42
9152	CENTRAL	0	0	No	20.99	3.70	17.29	1754	143119	1646	0.10	8.11
9162	CENTRAL	0	0	No	18.19	2.74	15.46	1219	42495	496	0.10	5.22
9172	CENTRAL	0	0	No	26.74	9.79	16.94	2169	128551	1491	0.10	8.79
9182	CENTRAL	0	0	No	74.95	1.32	73.63	820	25243	347	0.25	6.45
9192	CENTRAL	0	0	Yes	44.67	3.20	41.47	2429	110344	3027	0.50	10.17
9202	EASTERN	1	0	Yes	38.98	1.03	37.95	707	14605	420	0.10	4.96
9212	EASTERN	4	0	No	86.99	2.00	84.99	1643	151087	1977	0.10	6.80
9222	EASTERN	1	0	Yes	29.96	2.28	27.67	1046	109558	1288	0.10	8.61
9232	CENTRAL	0	0	No	27.25	2.19	25.06	1846	151055	1677	0.10	7.49
9242	CENTRAL	0	0	Yes	28.18	9.50	18.67	1649	538406	3833	0.75	11.21
9252	CENTRAL	0	0	Yes	39.37	16.85	22.52	2423	709656	3210	0.50	10.92
9292	CENTRAL	0	1	No	13.33	2.97	10.37	2118	77964	1892	0.10	8.87
9312	CENTRAL	0	0	No	19.62	1.11	18.51	2191	229255	3975	0.10	9.00
9322	CENTRAL	0	0	Yes	10.18	0.75	9.43	1393	35187	465	0.10	5.14
9332	CENTRAL	0	0	Yes	17.40	4.70	12.70	1512	110205	1255	0.10	7.72
9342	CENTRAL	0	0	No	14.03	1.55	12.48	1355	31637	1535	0.10	7.12
9352	CENTRAL	0	0	Yes	17.27	2.25	15.02	1785	48721	528	0.10	7.37
9362	CENTRAL	0	0	Yes	17.70	1.00	16.70	1721	62339	983	0.10	9.81
9372	CENTRAL	0	0	Yes	15.67	0.18	15.49	1435	89715	1625	0.10	6.96
9382	CENTRAL	0	0	Yes	11.26	1.30	9.97	1400	32531	530	0.50	7.25
9402	CENTRAL	0	0	Yes	9.87	2.52	7.35	2649	148155	2618	0.25	8.87
9412	CENTRAL	0	0	Yes	12.86	2.16	10.70	2132	84481	1062	0.10	8.20
9422	CENTRAL	0	0	Yes	7.00	0.44	6.56	826	106267	559	0.10	4.42
9462	CENTRAL	0	0	No	38.06	14.64	23.42	2952	65494	971	0.25	12.82
9472	CENTRAL	0	0	No	43.06	25.43	17.63	2345	71867	1089	0.25	12.40
9492	CENTRAL	0	0	Yes	12.41	3.56	8.85	1219	51790	1305	0.50	11.08
9522	EASTERN	13	0	No	176.82	4.75	172.07	1704	601864	10203	0.10	6.66
9532	CENTRAL	0	0	Yes	17.13	11.62	5.51	2526	46702	353	0.25	15.60
9562	CENTRAL	0	0	Yes	10.76	3.73	7.02	1459	330220	2857	0.50	10.81

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(c) Number of Overhead Lateral Lines		(d) Number of Overhead Lateral Miles		(e) Number of Customers served on Overhead Lateral Lines		(f) CMI for Overhead Lateral Lines		(g) CI for Overhead Lateral Lines		(h) Number of Underground Lateral Lines		(i) Number of Underground Lateral Miles		(j) Number of Customers served on Underground Lateral Lines		(k) CMI for Underground Lateral Lines		(l) CI for Underground Lateral Lines	
		Number of Overhead Lateral Lines	Number of Overhead Lateral Miles	Number of Customers served on Overhead Lateral Lines	CMI for Overhead Lateral Lines	CI for Overhead Lateral Lines	Number of Underground Lateral Lines	Number of Underground Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines	Number of Underground Lateral Lines	Number of Underground Lateral Miles	Number of Customers served on Underground Lateral Lines	CMI for Underground Lateral Lines	CI for Underground Lateral Lines					
9572	CENTRAL	11	3	417	48764.53	533	66	8	2552	2209.65	19										
9582	CENTRAL	0	0	0	0.00	0	0	0	0	0.00	0										
9592	EASTERN	138	113	756	238405.93	2407	33	15	329	60088.74	351										
9602	CENTRAL	54	9	614	33735.32	317	27	8	951	1716.22	12										
9612	CENTRAL	87	17	1562	234140.31	2027	35	4	720	26206.80	140										
9622	CENTRAL	87	11	929	21766.07	234	26	2	414	384.00	2										
9632	CENTRAL	36	4	228	17128.71	200	14	0	25	441.00	1										
9672	CENTRAL	182	44	1917	127725.81	1572	23	8	799	0.00	0										
9682	CENTRAL	47	10	413	6351.36	109	39	13	1048	8098.40	64										
9692	CENTRAL	108	32	1759	337534.86	2631	23	3	535	4150.30	26										
9702	EASTERN	1	0	1	0.00	0	0	0	0	0.00	0										
9792	CENTRAL	120	35	2507	57829.08	1010	26	8	863	637.12	7										
9802	EASTERN	24	14	185	130.67	2	0	0	0	0.00	0										
9812	CENTRAL	80	36	984	91848.00	839	52	19	1720	36782.85	234										
9828	CENTRAL	24	9	204	2461.89	15	4	0	7	0.00	0										
9832	EASTERN	214	99	2113	334763.27	7716	24	1	85	207.48	1										
9854	EASTERN	0	0	1	0.00	0	0	0	0	0.00	0										
9912	EASTERN	0	1	5	0.00	0	2	0	6	0.00	0										
15002	CENTRAL	0	0	2	0.00	0	0	0	0	0.00	0										
15034	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0										
15044	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0										
15062	EASTERN	9	3	116	3179.83	49	3	11	71	0.00	0										
15242	CENTRAL	3	0	7	340.48	2	15	8	462	0.00	0										
15252	CENTRAL	4	0	10	93.00	1	19	13	1159	522.60	5										
15262	CENTRAL	10	2	76	54734.73	280	15	4	868	0.00	0										
15472	EASTERN	20	2	106	2986.62	69	8	2	237	2458.75	25										
15482	EASTERN	33	10	772	25894.17	274	29	6	826	0.00	0										
15492	EASTERN	0	0	0	0.00	0	0	0	0	0.00	0										
15702	WESTERN	131	18	1983	534116.49	4972	13	1	168	0.00	0										
15712	WESTERN	73	9	759	71693.51	507	26	2	50	0.00	0										
15722	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0										
15752	WESTERN	0	0	0	0.00	0	0	0	0	0.00	0										
15762	WESTERN	40	5	595	34722.42	234	26	2	60	2068.00	5										
15772	WESTERN	35	5	673	90923.62	1032	7	0	24	0.00	0										

APPENDIX 3 FEEDER SPECIFIC DATA

(a) Feeder ID	(b) Sub Region	(m) Number of Automatic Line Sectionalizing Devices on the Lateral Lines	(n) Number of Automatic Line Sectionalizing Devices on the Feeder	(o) Whether the Feeder Circuit is Loop	(p) Total Length of the Feeder Circuit	(q) Length of Underground Portion of the Feeder Circuit	(r) Length of Overhead Portion of the Feeder Circuit	(s) Number of Customers Served by Overhead Feeders	(t) CMI for Overhead Feeders	(u) CI for Overhead Feeders	(v) Load Growth %	(w) Peak Load MVA
9572	CENTRAL	0	0	Yes	13.04	8.45	4.59	2969	50974	552	0.10	13.84
9582	CENTRAL	0	0	No	0.01	0.00	0.01	0	0	0	0.00	0.00
9592	EASTERN	8	2	No	135.56	15.13	120.43	1085	310214	4710	0.50	3.90
9602	CENTRAL	0	1	Yes	19.73	8.39	11.34	1565	35452	329	0.10	8.73
9612	CENTRAL	0	0	Yes	23.21	3.50	19.71	2282	334118	3447	0.10	10.19
9622	CENTRAL	0	0	Yes	15.94	2.11	13.83	1343	22150	236	0.10	9.24
9632	CENTRAL	0	0	Yes	6.23	0.50	5.73	253	17570	201	0.10	6.75
9672	CENTRAL	0	0	Yes	57.20	8.39	48.80	2716	127726	1572	0.50	12.99
9682	CENTRAL	0	0	No	26.15	13.31	12.84	1461	14450	173	0.50	11.95
9692	CENTRAL	0	0	Yes	35.80	2.94	32.86	2294	393176	4318	0.50	8.97
9702	EASTERN	0	0	No	3.41	0.00	3.41	1	0	0	0.10	2.96
9792	CENTRAL	0	0	No	47.45	8.05	39.40	3370	58466	1017	1.75	14.94
9802	EASTERN	3	0	No	15.31	0.00	15.31	185	131	2	0.10	0.81
9812	CENTRAL	0	0	No	61.32	18.56	42.76	2704	128631	1073	1.00	13.59
9828	CENTRAL	0	0	No	11.30	0.24	11.06	211	20397	226	0.50	1.03
9832	EASTERN	6	0	No	103.38	1.33	102.05	2198	334971	7717	0.10	12.22
9854	EASTERN	0	0	No	0.05	0.00	0.05	1	0	0	0.00	0.00
9912	EASTERN	0	0	No	1.56	0.08	1.48	11	0	0	0.10	3.00
15002	CENTRAL	0	0	No	0.02	0.00	0.02	2	0	0	0.10	4.73
15034	WESTERN	0	0	No	0.28	0.28	0.00	0	0	0	0.10	3.81
15044	WESTERN	0	0	No	0.28	0.27	0.00	0	0	0	0.10	3.81
15062	EASTERN	0	0	No	19.98	10.86	9.12	187	3180	49	0.50	1.88
15242	CENTRAL	0	0	Yes	10.15	8.45	1.70	469	340	2	0.50	9.17
15252	CENTRAL	0	0	Yes	14.35	12.54	1.81	1169	616	6	1.00	7.66
15262	CENTRAL	0	0	Yes	6.98	3.96	3.02	944	54735	280	0.25	8.27
15472	EASTERN	0	0	Yes	4.91	1.60	3.31	343	5445	94	1.00	1.73
15482	EASTERN	0	0	Yes	19.46	5.63	13.83	1598	25894	274	2.00	6.95
15492	EASTERN	0	0	No	0.02	0.00	0.02	0	0	0	0.00	0.00
15702	WESTERN	0	0	Yes	22.72	1.14	21.58	2151	634888	8883	0.20	9.71
15712	WESTERN	0	0	Yes	14.14	2.03	12.11	809	71694	507	0.20	12.32
15722	WESTERN	0	0	No	0.05	0.00	0.05	0	0	0	0.00	0.00
15752	WESTERN	0	0	No	0.01	0.00	0.01	0	0	0	0.00	0.00
15762	WESTERN	0	0	Yes	10.21	2.36	7.85	655	36790	239	0.10	9.95
15772	WESTERN	0	0	Yes	8.67	0.41	8.26	697	107382	2400	0.20	4.23

Report on Collaborative Research for Hurricane Hardening

Provided by

The Public Utility Research Center
University of Florida

To the

Utility Sponsor Steering Committee

February 2016

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 recently approved 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 2015.

II. Undergrounding

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

The collaborative has refined the computer model developed by Quanta Technologies and there has been a collective effort to learn more about the function and functionality of the computer code. PURC and the Project Sponsors have worked to fill information gaps for model inputs and significant efforts have been invested in the area of forensics data collection. Since the state has not been affected by any hurricanes since the database software was completed, there is currently no data. Therefore, future efforts to refine the undergrounding model will occur when such data becomes available.

In addition, PURC has worked with doctoral and master's candidates in the University of Florida Department of Civil and Coastal Engineering to assess some of the inter-relationships between wind speed and other environmental factors on utility equipment damage. PURC has also been contacted by engineering researchers at 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 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. Every researcher that contacts PURC cites the model as the only non-proprietary model of its kind.

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

III. Wind Data Collection

The Project Sponsors entered into a wind monitoring agreement with WeatherFlow, Inc., in 2007. Under the agreement, Florida Sponsors agreed to provide WeatherFlow with access to their properties and to allow WeatherFlow to install, maintain and operate portions of their wind monitoring network facilities on utility-owned properties under certain conditions in exchange for access to wind monitoring data generated by WeatherFlow's wind monitoring network in Florida. WeatherFlow's Florida wind monitoring network includes 50 permanent wind monitoring stations around the coast of Florida, including one or more stations located on utility-owned property. The wind monitoring agreement expired in early 2012; however, the wind, temperature, and barometric pressure data being collected at these stations is being made available to the Project Sponsors on a complimentary basis.

IV. Public Outreach

In last year's report we discussed the impact of increasingly severe storms on greater interest in storm preparedness. PURC researchers discussed the collaborative effort in Florida with the engineering departments of the state regulators in Connecticut, New York, and New Jersey, 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 continue to utilize the insight gained through the hurricane hardening research to contribute to the debate on undergrounding in the popular press, and reinforce the state of Florida as a thought leader in this area. PURC Director of Energy Studies Ted Kury was asked to contribute an article to the second quarter issue of *Utility Horizons* describing the modeling methodology for assessing the undergrounding of power lines. The essay also provided a link to an *Electricity Journal* article by Kury and Lynne Holt, another PURC researcher, which discusses Florida's cooperative approach and holds it up as a "best practice" in regulation. In addition, Kury has conducted interviews for the general press on the costs and benefits of underground power lines.

V. Conclusion

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

Appendix 5

Cross Reference Index

Eight-Year Wooden Pole Inspection Programs

- ◆ Summary of the Inspection Program..... (Section 2.1)

Year of Review Wooden Pole Inspection Summary

- ◆ Total poles..... (Appendix 2, Column a)
- ◆ Poles Planned for inspection for the year of review..... (Appendix 2, Column b)
- ◆ Poles Inspected for the year of review..... (Appendix 2, Column c)
- ◆ Poles Failed Inspection for the year of review..... (Appendix 2, Column d)
 - Corrective action and how many poles were corrected..... (Appendix 2, Column g)
- ◆ The number of years completed in the 8-year cycle..... (Section 2.1)

Projected Next Year of Review Wooden Pole Inspection Summary

- ◆ Total Poles (should be the same as above)..... (Appendix 2, Column a)
- ◆ Total Number of Wooden Poles Inspected from beginning of 8 year cycle to the year of review..... (Appendix 2, Column l)
- ◆ Number of Wooden Poles Inspections planned for the next year of review..... (Appendix 2, Column k)
- ◆ Years Remaining in the 8-year cycle after the next year of review..... (Section 2.3)

Ten Initiatives

(1) Three-Year Vegetation Management Cycle for Distribution Circuits

- ◆ Summary of the vegetation management plans for the companies' feeder and lateral circuits..... (Section 3.1)

Vegetation Clearing From Feeder Circuits

- ◆ 1st Year of 3-year Cycle..... (Section 3.4)
- ◆ Total Feeder Miles..... (Section 3.4)
- ◆ Miles Trimmed for each year of the cycle..... (Section 3.4)
- ◆ Total Feeder Miles Trimmed..... (Section 3.4)

Vegetation Clearing From Lateral Circuits

- ◆ Number of years in cycle..... (Section 3.4)
- ◆ 1st year of cycle..... (Section 3.4)
- ◆ Total Lateral miles..... (Section 3.4)
- ◆ Miles Trimmed for each year of the cycle..... (Section 3.4)
- ◆ Total Lateral Miles Trimmed..... (Section 3.4)

(2) Audit of Joint Use Agreements

- ◆ Summary of the Joint Use Agreements for poles and a summary of the monitoring of the strength and loading requirements for those poles..... (Section 2.2, DCN 03686-10 in Docket No. 100265-EI)

(3) Six-Year Transmission Inspections

- ◆ Summary of the six-year transmission structures, substations, and all hardware associated with these facilities inspections..... (Section 5.0)

(4) Hardening of Existing Transmission Structures

- ◆ Summary of the Hardening of Existing Transmission Structures..... (Section 6.0)

Appendix 5

Cross Reference Index

- (5) **Transmission and Distribution Geographic Information System**
 - ◆ Summary of the company’s transmission and distribution geographic information system..... (Section 8.0)
- (6) **Post-Storm Data Collection and Forensic Analysis**
 - ◆ Summary of the company’s post-storm data collection and forensic analysis..... (Section 9.1)
- (7) **Collection of Detailed Outage Data Differentiating Between the Reliability Performance of Overhead and Underground Systems**
 - ◆ Summary of the collection of detailed outage data differentiating between the reliability performance of overhead and underground systems..... (Section 10.0)
- (8) **Increased Utility Coordination with Local Governments**
 - ◆ Summary of the utilities increased coordination with the Local Governments..... (Section 11.0)
- (9) **Collaborative Research on Effects of Hurricane Winds and Storm Surge**
 - ◆ Summary of the continuing collaborative research with PURC on the effects of hurricane winds and storm surge..... (Appendix 4)
- (10) **A Natural Disaster Preparedness and Recovery Program**
 - ◆ Summary of the company’s Natural Disaster Preparedness and Recovery Program..... (Section 13.0)

Reliability Performance

- ◆ Summary of the company’s overall reliability performance..... (Section 15.1)

Actual Distribution Service Reliability

- ◆ Provide Form PSC/ECR 102-1(a) (8/06) entitled “Causes of Outages Events – Actual”..... (Appendix 1)
- ◆ Provide Form PSC/ECR 102-2(a) (8/06) entitled “Three Percent Feeder list – Actual”..... (Appendix 1)
- ◆ Provide Form PSC/ECR 102-3(a) (8/06) entitled “System Reliability Indices – Actual”..... (Appendix 1)
- ◆ Provide Actual Customer Minutes of Interruption (CMI) and Customer Interruptions (CI)..... (Appendix 1)
- ◆ Provide Documented Exclusion (CMI and CI) for the follow:
 - Planned Outages..... (Appendix 1)
 - Named Storm Outages..... (Appendix 1, Section 15.7)
 - Tornados..... (Appendix 1, Section 15.7)
 - Ice on Lines..... (Appendix 1, Section 15.7)
 - Planned Load Management Event..... (Appendix 1, Section 15.7)
 - Customer Request..... (Not Available)
 - Fires..... (Not Applicable)
 - Extreme Weather Event..... (Appendix 1, Section 15.7)
 - Other Distribution..... (Appendix 1, Section 15.7)
 - Other Transmission and Generation..... (Appendix 1)
- ◆ Summary of the Documented Exclusion (CMI and CI) with dates of what happened..... (Section 15.7)

Adjusted Distribution Service Reliability

- ◆ PSC Chart entitled “Actual Data: Customer Minutes of Interruption (CMI), Customer Interruptions (CI) and Documented Exclusions..... (Appendix 1)
- ◆ Provide Form PSC/ECR 102-1(b) (8/06) entitled “Causes of Outages Events – Adjusted”..... (Appendix 1)
- ◆ Provide Form PSC/ECR 102-2(b) (8/06) entitled “Three Percent Feeder list – Adjusted”..... (Appendix 1)
- ◆ Provide Form PSC/ECR 102-3(b) (8/06) entitled “System Reliability Indices – Adjusted”..... (Appendix 1)
- ◆ Summary of SAIDI explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem..... (Section 15.1 and 15.3)
- ◆ Summary of SAIFI explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem..... (Section 15.1 and 15.3)
- ◆ Summary of CAIDI explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem..... (Section 15.1 and 15.3)
- ◆ Summary of MAIFIE explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem... (Section 15.1 and 15.3)
- ◆ Summary of CEMI5 explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem... (Section 15.1 and 15.3)
- ◆ Summary of L-Bar explaining any improvements or declines, plus if a region has a pattern of declining, explain what is being implementing to correct the problem..... (Section 15.1 and 15.3)
- ◆ Summary of the Companies Three Percent Feeder Report, plus if a feeder has a pattern of being on the list, explain what is being implementing to correct the problem..... (Section 15.3)
- ◆ Summary of the Top Ten Outage Cause, plus a cause has a pattern of being on the list, explain what is being implementing to correct the problem..... (Section 15.1, 15.9, and Appendix 1)
- ◆ Summary of the Company’s Reliability Related Complaints, plus the number complaints are raising, explain what is being implementing to correct the problem..... (Section 15.1 and 15.11)