

# KENTUCKY PUBLIC SERVICE COMMISSION

## Electric Distribution Utility Annual Reliability Report

### SECTION 1: CONTACT INFORMATION

UTILITY NAME	Clark Energy Cooperative
REPORT PREPARED BY	Phillip Blythe
E-MAIL ADDRESS OF PREPARER	<u>pbythe@clarkenergy.com</u>
PHONE NUMBER OF PREPARER	859-901-9203

### SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2022
-------------------------	------

### SECTION 3: MAJOR EVENT DAYS (MED)

$T_{MED}$	12.36
FIRST DATE USED TO DETERMINE $T_{MED}$	1/1/2017
LAST DATE USED TO DETERMINE $T_{MED}$	12/31/2021
NUMBER OF MED IN REPORT YEAR	4

NOTE: Per IEEE 1366  $T_{MED}$  should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

### SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

#### System-wide Information

TOTAL CUSTOMERS	27,428	TOTAL CIRCUITS	77
-----------------	--------	----------------	----

#### Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	172.25	SAIDI	255.264
SAIFI	1.51	SAIFI	1.9111

#### Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	777.32	SAIDI	453.006
SAIFI	2.17	SAIFI	2.6565

#### Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of May of each year
- 3) Reports cover the calendar year ending in the December before the reports are due.
- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, and  $T_{MED}$

# KENTUCKY PUBLIC SERVICE COMMISSION

---

## SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

### INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

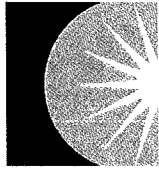
Additional page may be attached as needed.

SEE ATTACHMENT


---

## SECTION 7: UTILITY COMMENTS

2022 was an eventful year, we had numerous pop up storms bringing several outages and several hours of overtime. Several storms caused larger outages that were not deemed major event days, therefore contributing to outage numbers. We have increased our right-of-way attack and budget to reflect that. Terential flooding in the state increased landslides and trees giving way in wet soil conditions bringing down trees and sometimes poles. Thus far in 2023 we have faced many of the same issues.



# CLARK ENERGY

A Touchstone Energy Cooperative 

## Clark Energy's Right-of-Way Clearing Procedures

### Introduction

Trees and wood brush are frequently the leading cause of unplanned service interruptions for any electric utility and the vegetation management budget is often the single largest utility distribution maintenance expense. This document is to be used as a guideline for clearing lines to decrease system outages and improve public and workman safety.

### Right-of-Way (ROW) Clearing Goals

In the design and planning stages of constructing a new power line, consideration should be given to properly clear trees and woody brush in such a fashion that when system maintenance is required in a few years, proper clearance has already been established and can be maintained.

When clearing a new ROW, all trees should be trimmed or removed in such a manner that a ground to sky corridor wall is established and underbrush that is not of a lowing growing species should also be removed. When trimming of trees is required, consideration should be given to different treatment of slow growing versus fast growing tree species with the fast-growing varieties being removed when possible.

Trees should be trimmed following ANSI standards where practical unless otherwise specified. Dead trees beyond the ROW corridor which could strike the line in falling should be removed. Severe leaning trees beyond the ROW which would strike the line in falling should either be removed or topped with the exception being shade, fruit or ornamental trees that can be rendered safe by proper trimming.

All trees that are removed shall be cut flush with the ground line, and stumps of deciduous trees shall be treated with a herbicide to prevent re-sprouting, unless otherwise specified.

### **Clearing Widths**

Three phase primary, bare wire conductor should be cleared on a 24-foot center line and single phase bare wire primary overhead lines should be cleared to a 20' centerline easement width with additional width being desirable when permission to cut sidewall trees can be obtained to diminish the need to side trim.

Ornamental trees present a different problem when discussing width of ROW simply because obtaining the above-mentioned clearances would require the tree to be removed. Proper pruning methods, discussed later in this document, should be used to obtain at least 8 feet of clearance below the system neutral on a primary, bare wire conductor structure and at least 8 feet on either side of the conductor if the vegetation is pruned to grow away from the lines.

Insulated secondary lines and primary spacer cable should be trimmed as needed to prevent rubbing by tree branches. A 5-6 foot clearance is judged to be satisfactory.

### **Maintenance Cycles**

A six to seven-year rotation or cycle is desirable in remove trees and brush from the ROW corridor. This will allow access to the ROW corridor by crews for maintenance to the lines and will prevent blinks and outages, but is widely recognized that ornamental or yard trees may need to be trimmed on a different cycle according to species.

### **Use of Herbicide**

Herbicide is widely recognized as a valuable tool to control woody brush in ROW corridors. The use of high volume foliar spraying or low volume foliar backpack method along with dormant stem and cut stubble application that is applied after mechanical clearing is a preferred over basil treatment. It is desirable to leave low growing shrubs in the ROW when the presence of the brush will not interfere with the safety of workers trying to restore service. If situations where the entire corridor is covered with low growing species, a wire zone may need to be maintained to facilitate replacement of downed power lines.

### **Use of Mechanized Equipment**

The use of mowing machines and remote trimmers should be utilized when cost benefits can be justified.

### **Customer Request**

Customer requests remain a high priority due to safety issues in and around the customer's home. Blue job orders shall be drawn up and worked in a priority manner to take care of potentially dangerous situations

### **Tree Replacements**

Trees that are cycle busters and present both a public hazard and a high cost due to constant re-trimming should be taken down and replaced with a small, low growing species if the landowner will permit it. Educating our landowners to the benefit of tree replacement should be a priority.

### **Land Owner Notification**

Consideration should be given to providing a courtesy notification for maintenance of ROW (including, but not limited to, spraying, tree pruning and target brush species maintenance) to the owner, authorized agent, or public authorities having ownership or control over each tree. Permission for tree removals should be obtained in writing prior to the removal of trees.

### **Adherence to Regulations**

All work involving the clearance and maintenance of Clark Energy's line shall be in accordance with all federal, municipal, county, state, and other local laws, ordinances, and regulations applicable to said work. All work shall be performed in accordance with the standard practices established for such work and in accordance with the cooperative distribution line clearance specifications as may be applicable.

### **Contractor Provisions**

All ROW contractors clearing lines on Clark Energy's ROW shall have in place a training program and shall document and certify that all crew members have received sufficient training in electrical hazard awareness. All contractors shall comply with the regulations set forth in the following standards: OSHA 1910.269, OSHA 1910.331, and ANSI Z133.1-1994.

Non-compliance with any safety standards governing line clearance work shall be grounds for immediate employee dismissal and/or termination of the contract, at the discretion of the cooperative.

### **Pruning Methods**

All tree pruning shall be done so as to obtain, at a minimum, clearances specified in the clearance section of this document with due regard to current and future tree health and symmetry and in accordance with proper pruning techniques. Topping of trees and stubbing of limbs or branches are improper trimming techniques that shall not be used. All limbs overhanging the conductors, particularly those that are dead, rotten, or structurally unsound, and that could strike the conductors upon falling, shall be removed. Large limbs that are structurally sound, strongly attached to a main limb or the trunk, and not growing down toward the conductors may be left in place if it is highly unlikely that they will break or bend down onto the conductors. All overhanging branches on coniferous species that are within 15 feet of the conductors should be properly removed.

In rural areas, brush and other pruning debris shall be disposed of on the right-of-way whenever possible.

### **Growth Regulators**

All aesthetic {yard tree} that will constitute off cycle trimming will be treated with an approved growth inhibitor. This not only reduces the growth, but also improves the health of the tree and less frequent trimming cycles.

Revised February 2020

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BLEVINS VALLEY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BLEVINS VALLEY
Substation Location	Bath County Blevins Valley Road
Circuit	124 Hwy 36
Circuit Location	Hwy 36
Total Circuit Length (miles)	41.951
Average Member Count	429
Date of last Trim	2018 Spray 2020 and 2022

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	356.54	1.99	1,429.18	9.00
<b>Animals</b>	2.44%	8.09%	1.51%	3.69%
600 Small Animal/Bird	0.78%	2.11%	0.65%	1.18%
601 Squirrel	1.67%	5.98%	0.71%	2.28%
610 Large Animal			0.13%	0.20%
611 Cattle Rubbing				
612 Animal/Large Bird			0.01%	0.03%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	1.55%	4.69%	1.15%	1.92%
300 Material or Equipment Fault/Failure	0.19%	0.35%	0.62%	0.69%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	1.36%	4.34%	0.51%	1.18%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design			0.02%	0.05%
<b>Maintenance</b>	78.92%	75.62%	85.89%	84.35%
400 Decay/Age of Material/Equipment	0.90%	1.64%	0.40%	0.46%
410 Corrosion/Abrasion of Material/Equipm			1.47%	4.61%
420 Tree Growth	0.22%	0.59%	0.56%	1.36%
430 Tree failure from overhang or dead tr	73.92%	70.57%	82.42%	77.21%
440 Trees With Ice/Snow	3.88%	2.81%	1.04%	0.72%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BLEVINS VALLEY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BLEVINS VALLEY
Substation Location	
Circuit	124 Hwy 36
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	429
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	356.54	1.99	1,429.18	9.00
<b>Maintenance</b>	78.92%	75.62%	85.89%	84.35%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.30%	6.92%	2.29%	6.81%
100 Construction	3.25%	6.68%	1.85%	5.10%
110 Maintenance	0.05%	0.23%	0.43%	1.72%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	12.09%	0.94%	3.14%	0.56%
700 Customer-Caused	12.05%	0.82%	2.99%	0.20%
710 Motor Vehicle	0.04%	0.12%	0.16%	0.36%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	1.70%	3.75%	0.63%	1.15%
999 Cause Unknown	1.70%	3.75%	0.63%	1.15%
<b>Weather</b>	0%	0%	5.40%	1.51%
500 Lightning			0.06%	0.15%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: BLEVINS VALLEY

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BLEVINS VALLEY
Substation Location	
Circuit	124 Hwy 36
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	429
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>356.54</b>	<b>1.99</b>	<b>1,429.18</b>	<b>9.00</b>

Weather	0%	0%	5.40%	1.51%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			5.34%	1.36%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BOWEN				
Substation Location					
Circuit	114 Natural Bridge				
Circuit Location					
Total Circuit Length (miles)					
Average Member Count	452				
Date of last Trim					

POWELL CO. HWY 11-15 CAMPTON RD.  
 HWY 11-15 NATURAL BRIDGE RD.  
 19022  
 047 SPRAY 2019-21

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	540.63	2.83	1,994.56	9.08
<b>Animals</b>	9.84%	36.02%	3.37%	13.76%
600 Small Animal/Bird	0.10%	0.23%	0.09%	0.25%
601 Squirrel	9.73%	35.79%	3.27%	13.46%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird			0.01%	0.05%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	1.63%	3.92%	1.20%	2.70%
300 Material or Equipment Fault/Failure	0.98%	2.58%	0.92%	1.93%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.66%	1.33%	0.28%	0.77%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	73.01%	48.24%	76.92%	61.28%
400 Decay/Age of Material/Equipment			0.38%	1.36%
410 Corrosion/Abrasion of Material/Equipm			0.05%	0.10%
420 Tree Growth	0.47%	3.60%	0.30%	1.61%
430 Tree failure from overhang or dead tr	32.75%	33.59%	65.23%	54.73%
440 Trees With Ice/Snow	39.79%	11.04%	10.96%	3.49%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BOWEN
Substation Location	
Circuit	114 Natural Bridge
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	452
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>540.63</b>	<b>2.83</b>	<b>1,994.56</b>	<b>9.08</b>
<b>Maintenance</b>	73.01%	48.24%	76.92%	61.28%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.04%	3.29%	1.58%	6.83%
100 Construction	0.88%	2.74%	0.96%	3.71%
110 Maintenance	0.16%	0.55%	0.62%	3.12%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	14.26%	7.83%	6.11%	5.10%
700 Customer-Caused	10.10%	0.47%	2.78%	0.15%
710 Motor Vehicle	4.15%	7.36%	2.83%	3.83%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.50%	1.11%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.14%	0.39%	1.54%	3.98%
999 Cause Unknown	0.14%	0.39%	1.54%	3.98%
<b>Weather</b>	0.08%	0.31%	9.28%	6.36%
500 Lightning	0.08%	0.31%	2.16%	4.28%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>BOWEN</u>
Substation Location	
Circuit	<u>114 Natural Bridge</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>452</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>540.63</b>	<b>2.83</b>	<b>1,994.56</b>	<b>9.08</b>
<b>Weather</b>				
510 Wind, Not Trees	0.08%	0.31%	9.28%	6.36%
520 Ice, Sleet, Frost, Not Trees			0.06%	0.15%
530 Flood			5.25%	1.16%
590 Weather, Other			1.82%	0.77%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	<u>BOWEN</u>	017	1442	COW CREEK RD	POWELL CO. HWY 11-15 CAMPTON RD
Substation Location					
Circuit	<u>124 Cow Creek</u>				
Circuit Location					
Total Circuit Length (miles)					
Average Member Count	<u>76</u>				
Date of last Trim					

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	<b>915.21</b>	<b>3.83</b>	<b>2,491.88</b>	<b>15.62</b>	
<b>Animals</b>		3.51%	16.15%	1.36%	3.90%
600 Small Animal/Bird					
601 Squirrel		3.51%	16.15%	1.36%	3.90%
610 Large Animal					
611 Cattle Rubbing					
612 Animal/Large Bird					
620 Animal damage-gnawing or boring					
690 Animal, Other					
<b>Equipment or Installation/Design</b>		0.08%	0.34%	0.50%	0.39%
300 Material or Equipment Fault/Failure				0.47%	0.31%
310 Installation Fault					
320 Conductor Sag or Inadequate Clearance					
340 Overload		0.08%	0.34%	0.03%	0.08%
350 Miscoordination of Protection Devices					
360 Other Equipment Installation/Design					
<b>Maintenance</b>		35.14%	30.24%	58.74%	59.09%
400 Decay/Age of Material/Equipment				0.44%	0.08%
410 Corrosion/Abrasion of Material/Equipm					
420 Tree Growth				0.98%	1.25%
430 Tree failure from overhang or dead tr		25.26%	21.99%	52.12%	53.32%
440 Trees With Ice/Snow		9.89%	8.25%	5.19%	4.45%
450 Contamination (leakage/external)					
460 Moisture					
470 Borrower crew cuts tree					

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BOWEN
Substation Location	
Circuit	124 Cow Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	76
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Maintenance</b>	915.21	3.83	2,491.88	15.62
490 Maintenance, Other	35.14%	30.24%	58.74%	59.09%
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.04%	15.46%	1.47%	5.62%
100 Construction	0.02%	0.34%	0.54%	1.09%
110 Maintenance	1.03%	15.12%	0.93%	4.53%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	41.84%	1.37%	14.54%	1.09%
700 Customer-Caused	41.49%	0.34%	14.12%	0.08%
710 Motor Vehicle	0.35%	1.03%	0.41%	1.01%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	4.01%	15.46%	6.07%	17.88%
999 Cause Unknown	4.01%	15.46%	6.07%	17.88%
<b>Weather</b>	14.38%	20.96%	17.33%	12.02%
500 Lightning	9.43%	13.75%	4.37%	4.29%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>BOWEN</u>
Substation Location	
Circuit	<u>124 Cow Creek</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>76</u>
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Weather</b>	915.21	3.83	2,491.88	15.62
510 Wind, Not Trees	14.38%	20.96%	17.33%	12.02%
520 Ice, Sleet, Frost, Not Trees	4.95%	7.22%	1.76%	1.72%
530 Flood			11.19%	6.01%
590 Weather, Other				



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>BOWEN</u>
Substation Location	
Circuit	<u>134 Bowen</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>425</u>
Date of last Trim	

HWY 15-CANE CREEK  
 SPRAY 2019-21  
 POWELL CO. HWY 11-15 CAMPTON RD

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI 340.38	SAIFI 2.81	SAIDI 1,002.58	SAIFI 7.58
<b>Animals</b>	7.72%	36.29%	3.06%	14.75%
600 Small Animal/Bird	0.10%	0.25%	0.20%	0.68%
601 Squirrel	7.62%	36.04%	2.87%	14.07%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	6.12%	8.36%	6.57%	6.01%
300 Material or Equipment Fault/Failure	3.15%	5.94%	5.56%	5.10%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	2.97%	2.42%	1.01%	0.90%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	70.32%	51.59%	59.23%	49.46%
400 Decay/Age of Material/Equipment			0.26%	0.56%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	2.74%	2.51%	2.22%	2.18%
430 Tree failure from overhang or dead tr	28.49%	21.49%	38.90%	35.89%
440 Trees With Ice/Snow	39.09%	27.59%	17.85%	10.83%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	BOWEN
Substation Location	
Circuit	134 Bowen
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 340.38	SAIFI 2.81	SAIDI 1,002.58	SAIFI 7.58
<b>Maintenance</b>		70.32%	51.59%	59.23%	49.46%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		0.84%	2.76%	2.30%	6.41%
100 Construction		0.62%	1.09%	1.40%	2.86%
110 Maintenance		0.23%	1.67%	0.90%	3.55%
190 Other Planned					
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		11.93%	0.25%	9.07%	4.45%
700 Customer-Caused		11.67%	0.17%	3.97%	0.06%
710 Motor Vehicle		0.25%	0.08%	3.07%	2.33%
720 Aircraft					
730 Fire					
740 Public Cuts Tree				2.02%	2.05%
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		0.19%	0.42%	6.14%	5.82%
999 Cause Unknown		0.19%	0.42%	6.14%	5.82%
<b>Weather</b>		2.88%	0.33%	13.62%	13.10%
500 Lightning		0.16%	0.17%	5.76%	7.16%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: BOWEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>BOWEN</u>
Substation Location	
Circuit	<u>134 Bowen</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>425</u>
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Weather</b>	2.88%	0.33%	1,002.58	7.58
510 Wind, Not Trees	2.72%	0.17%	13.62%	13.10%
520 Ice, Sleet, Frost, Not Trees			1.00%	0.09%
530 Flood			5.98%	4.48%
590 Weather, Other			0.88%	1.37%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~CLAY CITY~~ **CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

POWELL CO. SHIPPS BRANCH - CLAY CITY  
HWY 82 AND SNOW CREEK  
19.87

Substation	CLAY CITY
Substation Location	
Circuit	114 Hwy 89 Snow Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	478
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	221.28	.97	810.07	7.68
<b>Animals</b>	1.91%	9.48%	1.32%	2.76%
600 Small Animal/Bird			0.37%	0.74%
601 Squirrel	1.91%	9.48%	0.95%	2.02%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	1.51%	3.23%	21.37%	15.13%
300 Material or Equipment Fault/Failure	0.72%	1.08%	20.82%	14.34%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.79%	2.16%	0.55%	0.79%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	88.57%	75.86%	66.61%	70.07%
400 Decay/Age of Material/Equipment			0.14%	0.11%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.27%	0.43%	0.28%	0.22%
430 Tree failure from overhang or dead tr	88.12%	75%	66.14%	69.69%
440 Trees With Ice/Snow	0.18%	0.43%	0.05%	0.05%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	114 Hwy 89 Snow Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	478
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	221.28	.97	810.07	7.68
<b>Maintenance</b>	88.57%	75.86%	66.61%	70.07%
490 Maintenance, Other				
<b>Other</b>	0.22%	0.22%	0.06%	0.03%
800 Other	0.22%	0.22%	0.06%	0.03%
801 Supervisor Review				
<b>Planned Outage</b>	1.27%	9.05%	2.11%	5.66%
100 Construction	0.58%	5.17%	1.12%	1.78%
110 Maintenance	0.69%	3.88%	0.99%	3.89%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	5.82%	0.22%	3.93%	2.52%
700 Customer-Caused	5.82%	0.22%	1.60%	0.03%
710 Motor Vehicle			1.44%	2.19%
720 Aircraft				
730 Fire			0.01%	0.03%
740 Public Cuts Tree			0.89%	0.27%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.35%	1.72%	0.89%	1.18%
999 Cause Unknown	0.35%	1.72%	0.89%	1.18%
<b>Weather</b>	0.36%	0.22%	3.71%	2.65%
500 Lightning			2.22%	2.11%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	114 Hwy 89 Snow Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	478
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>221.28</b>	<b>.97</b>	<b>810.07</b>	<b>7.68</b>
<b>Weather</b>	0.36%	0.22%	3.71%	2.65%
510 Wind, Not Trees	0.36%	0.22%	1.28%	0.36%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			0.21%	0.19%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~CLAY CITY~~ **CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	134 Black Creek-Beechfork
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

13672  
 BLACK CREEK-BEECHFORK  
 POWELL CO-SHIPPS BRANCH-CLAY CITY

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>172.54</b>	<b>2.26</b>	<b>454.69</b>	<b>5.30</b>
<b>Animals</b>	0.91%	1.43%	2.82%	4.67%
600 Small Animal/Bird	0.15%	0.43%	1.65%	2.66%
601 Squirrel	0.76%	0.99%	1.17%	2.02%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0.05%	0.06%	15.59%	24.14%
300 Material or Equipment Fault/Failure			14.88%	22.52%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.05%	0.06%	0.71%	1.62%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	75.82%	93.11%	57.25%	52.83%
400 Decay/Age of Material/Equipment			0.40%	0.35%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.87%	0.37%	2.47%	1.62%
430 Tree failure from overhang or dead tr	8.57%	4.28%	29.09%	12.93%
440 Trees With Ice/Snow	58.87%	44.42%	22.40%	19.02%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	7.51%	44.04%	2.89%	18.91%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	134 Black Creek-Beechfork
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>172.54</b>	<b>2.26</b>	<b>454.69</b>	<b>5.30</b>
<b>Maintenance</b>	75.82%	93.11%	57.25%	52.83%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0.03%	0.08%
800 Other			0.03%	0.08%
801 Supervisor Review				
<b>Planned Outage</b>	2.43%	3.60%	7.64%	11.34%
100 Construction	1.09%	1.55%	5.15%	5.13%
110 Maintenance	1.34%	2.05%	2.49%	6.22%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	19.88%	1.05%	12.86%	1.62%
700 Customer-Caused	16.24%	0.12%	10.30%	0.11%
710 Motor Vehicle	3.64%	0.93%	2.51%	1.35%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.05%	0.16%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.50%	0.56%	3.19%	4.65%
999 Cause Unknown	0.50%	0.56%	3.19%	4.65%
<b>Weather</b>	0.41%	0.19%	0.63%	0.66%
500 Lightning	0.41%	0.19%	0.47%	0.53%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: CLAY CITY

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	134 Black Creek-Beechfork
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Weather</b>	172.54	2.26	454.69	5.30
510 Wind, Not Trees	0.41%	0.19%	0.63%	0.66%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			0.16%	0.13%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **CLAY CITY**  
 1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	144 Millwork-SPCAB-Bottom
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	449
Date of last Trim	

MILLWORK-SPCAB-BOTTOM  
 POWELL CO. SHIPPS BRANCH CLAY CITY

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
<b>Animals</b>	17.09	.23	80.08	.92
600 Small Animal/Bird	0%	0%	5.03%	9.90%
601 Squirrel			1.46%	2.48%
610 Large Animal			3.57%	7.43%
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	4.38%	2.88%	4.09%	3.71%
300 Material or Equipment Fault/Failure	4.38%	2.88%	3.77%	3.47%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.32%	0.25%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	63.33%	56.73%	43.15%	35.64%
400 Decay/Age of Material/Equipment			4.64%	3.96%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	2.28%	0.96%	2.82%	2.72%
430 Tree failure from overhang or dead tr	54.95%	30.77%	34.35%	22.52%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	6.10%	25%	1.34%	6.44%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	CLAY CITY
Substation Location	
Circuit	144 Millwork-SPCAB-Bottom
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	449
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 17.09	SAIFI .23	SAIDI 80.08	SAIFI .92
<b>Maintenance</b>		63.33%	56.73%	43.15%	35.64%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		31.53%	38.46%	33.99%	44.06%
100 Construction		6.14%	10.58%	24.21%	27.48%
110 Maintenance		25.39%	27.88%	9.78%	16.58%
190 Other Planned					
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		0.76%	1.92%	2.48%	2.72%
700 Customer-Caused		0.76%	1.92%	0.17%	0.50%
710 Motor Vehicle				2.31%	2.23%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		0%	0%	0.59%	0.74%
999 Cause Unknown				0.59%	0.74%
<b>Weather</b>		0%	0%	10.66%	3.22%
500 Lightning				6.50%	0.99%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: CLAY CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>CLAY CITY</u>
Substation Location	
Circuit	<u>144 Millwork-SPCAB-Bottom</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>449</u>
Date of last Trim	

	Total Minutes/Frequency	Totals		5 Year Average	
		SAIDI	SAIFI	SAIDI	SAIFI
<b>Weather</b>		<b>17.09</b>	<b>.23</b>	<b>80.08</b>	<b>.92</b>
510 Wind, Not Trees		0%	0%	10.66%	3.22%
520 Ice, Sleet, Frost, Not Trees				0.11%	0.74%
530 Flood					
590 Weather, Other				4.06%	1.49%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: FRENCHBURG**

1/1/2022 12:00:00 AM to 12/31/2021 11:59:59 PM

Substation	FRENCHBURG
Substation Location	
Circuit	114 Hwy 460 West
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	465
Date of last Trim	

2021 SPRAY 2019-21  
 22894  
 HWY 460 WEST  
 MENIFEE CO. HWY 36W FRANCHBURG

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	179.03	2.19	676.31	6.00	
<b>Animals</b>	0.68%	1.77%	0.35%	0.83%	
600 Small Animal/Bird	0.41%	0.69%	0.13%	0.29%	
601 Squirrel	0.27%	1.08%	0.22%	0.54%	
610 Large Animal					
611 Cattle Rubbing					
612 Animal/Large Bird					
620 Animal damage-gnawing or boring					
690 Animal, Other					
<b>Equipment or Installation/Design</b>	0%	0%	1.67%	2.02%	
300 Material or Equipment Fault/Failure			1.31%	1.51%	
310 Installation Fault					
320 Conductor Sag or Inadequate Clearance					
340 Overload			0.36%	0.50%	
350 Miscoordination of Protection Devices					
360 Other Equipment Installation/Design					
<b>Maintenance</b>	59.36%	66.54%	65.28%	70.03%	
400 Decay/Age of Material/Equipment					
410 Corrosion/Abrasion of Material/Equipm					
420 Tree Growth	0.83%	1.37%	0.22%	0.50%	
430 Tree failure from overhang or dead tr	55.42%	63.49%	64.08%	68.84%	
440 Trees With Ice/Snow	3.10%	1.67%	0.98%	0.68%	
450 Contamination (leakage/external)					
460 Moisture					
470 Borrower crew cuts tree					

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: FRENCHBURG**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	FRENCHBURG
Substation Location	
Circuit	114 Hwy 460 West
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	465
Date of last Trim	

	Total Minutes/Frequency	Totals		5 Year Average	
		SAIDI	SAIFI	SAIDI	SAIFI
<b>Maintenance</b>		<b>179.03</b>	<b>2.19</b>	<b>676.31</b>	<b>6.00</b>
490 Maintenance, Other		59.36%	66.54%	65.28%	70.03%
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		<b>39.75%</b>	<b>31.01%</b>	<b>16.41%</b>	<b>19.67%</b>
100 Construction		38.60%	27.87%	14.27%	15.92%
110 Maintenance		1.16%	3.14%	2.02%	3.60%
190 Other Planned				0.11%	0.14%
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		<b>0.02%</b>	<b>0.10%</b>	<b>14.21%</b>	<b>4.65%</b>
700 Customer-Caused		0.02%	0.10%	3.21%	0.18%
710 Motor Vehicle				11.00%	4.47%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		<b>0.18%</b>	<b>0.59%</b>	<b>0.38%</b>	<b>1.01%</b>
999 Cause Unknown		0.18%	0.59%	0.38%	1.01%
<b>Weather</b>		0%	0%	1.71%	1.80%
500 Lightning				0.59%	1.04%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: FRENCHBURG**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	FRENCHBURG
Substation Location	
Circuit	114 Hwy 460 West
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	465
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>179.03</b>	<b>2.19</b>	<b>676.31</b>	<b>6.00</b>
<b>Weather</b>	0%	0%		
510 Wind, Not Trees			1.71%	1.80%
520 Ice, Sleet, Frost, Not Trees			0.98%	0.72%
530 Flood				
590 Weather, Other			0.13%	0.04%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: GRAYSON METER PT

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	GRAYSON METER PT
Substation Location	
Circuit	Grayson Mtr PT
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	12
Date of last Trim	

ROWAN CO. HWY 801 - MOREHEAD  
 WARRIX RUN  
 2023  
 2079

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>1,778.83</b>	<b>8.67</b>	<b>3,096.54</b>	<b>16.69</b>
<b>Animals</b>	0%	0%	0%	0%
600 Small Animal/Bird				
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	0%	0%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	41.31%	26.92%	43.98%	27.19%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	29.54%	12.50%	18.44%	12.90%
430 Tree failure from overhang or dead tr	11.77%	14.42%	12.69%	12.44%
440 Trees With Ice/Snow			12.85%	1.84%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: GRAYSON METER PT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	GRAYSON METER PT
Substation Location	
Circuit	Grayson Mtr PT
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>12</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>1,778.83</b>	<b>8.67</b>	<b>3,096.54</b>	<b>16.69</b>
<b>Maintenance</b>	41.31%	26.92%	43.98%	27.19%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	2.29%	7.69%	1.21%	3.69%
100 Construction				
110 Maintenance	2.29%	7.69%	1.21%	3.69%
190 Other Planned				
<b>Power Supply</b>	54.87%	62.50%	53.99%	67.74%
000 Power Supply	54.87%	62.50%	53.99%	67.74%
<b>Public</b>	1.53%	2.88%	0.81%	1.38%
700 Customer-Caused				
710 Motor Vehicle	1.53%	2.88%	0.81%	1.38%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0%	0%
999 Cause Unknown				
<b>Weather</b>	0%	0%	0%	0%
500 Lightning				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: GRAYSON METER PT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

---

Substation	GRAYSON METER PT
Substation Location	
Circuit	Grayson Mtr PT
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>12</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>1,778.83</b>	<b>8.67</b>	<b>3,096.54</b>	<b>16.69</b>
<b>Weather</b>	0%	0%	0%	0%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	114 Little Hardwicks Crk
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	418
Date of last Trim	

2018 SPRAY 2020  
 HARDWICKS CREEK AND LITTLE HARDWICKS CRK  
 POWELL CO. SPOUT SPRINGS-CLAY CITY

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>131.49</b>	<b>1.06</b>	<b>724.00</b>	<b>4.41</b>
<b>Animals</b>	6.31%	14.61%	2.84%	8.42%
600 Small Animal/Bird	1.29%	3.37%	0.68%	1.63%
601 Squirrel	5.03%	11.24%	2.13%	6.74%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird			0.03%	0.05%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	31.79%	17.53%	6.10%	4.83%
300 Material or Equipment Fault/Failure	31.79%	17.53%	6.10%	4.83%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	53.24%	47.19%	31.81%	36.66%
400 Decay/Age of Material/Equipment	0.75%	1.35%	2.80%	2.12%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	1.22%	1.35%	2.04%	2.06%
430 Tree failure from overhang or dead tr	43.82%	42.25%	22.38%	31.29%
440 Trees With Ice/Snow	7.45%	2.25%	4.59%	1.20%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	114 Little Hardwicks Crk
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	418
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>131.49</b>	<b>1.06</b>	<b>724.00</b>	<b>4.41</b>
<b>Maintenance</b>	53.24%	47.19%	31.81%	36.66%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0.06%	0.22%
800 Other			0.06%	0.22%
801 Supervisor Review				
<b>Planned Outage</b>	7.61%	18.43%	5.92%	20.42%
100 Construction	7.25%	14.83%	3.10%	11.35%
110 Maintenance	0.36%	3.60%	2.83%	9.07%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0.61%	1.12%	49.88%	24.61%
700 Customer-Caused	0.09%	0.45%	12.75%	0.27%
710 Motor Vehicle	0.25%	0.22%	36.86%	23.90%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	0.27%	0.45%	0.27%	0.43%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.36%	0.90%	0.87%	2.55%
999 Cause Unknown	0.36%	0.90%	0.87%	2.55%
<b>Weather</b>	0.08%	0.22%	2.52%	2.28%
500 Lightning	0.08%	0.22%	0.98%	1.47%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	114 Little Hardwicks Crk
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	418
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>131.49</b>	<b>1.06</b>	<b>724.00</b>	<b>4.41</b>
<b>Weather</b>	0.08%	0.22%	2.52%	2.28%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			1.54%	0.81%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2021 11:59:59 PM

Substation	<u>HARDWICKS CREEK</u>
Substation Location	
Circuit	<u>124 Hardwicks Crk to PKWY</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>41</u>
Date of last Trim	

2008 SPRAY 2020  
 4385  
 HARDWICKS CREEK  
 POWELL CO. SPOUT SPRINGS RD-CLAY CITY

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>159.20</b>	<b>.51</b>	<b>393.15</b>	<b>3.88</b>
<b>Animals</b>	3.88%	38.10%	1.57%	5.03%
600 Small Animal/Bird	0.32%	4.76%	0.13%	0.63%
601 Squirrel	3.55%	33.33%	1.44%	4.40%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	0%	0%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	77.57%	38.10%	59.81%	38.99%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr	71.50%	9.52%	57.35%	35.22%
440 Trees With Ice/Snow	6.07%	28.57%	2.46%	3.77%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	124 Hardwicks Crk to PKWY
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	41
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>159.20</b>	<b>.51</b>	<b>393.15</b>	<b>3.88</b>
<b>Maintenance</b>	77.57%	38.10%	59.81%	38.99%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.80%	4.76%	17.46%	25.79%
100 Construction	0.80%	4.76%	15.88%	11.95%
110 Maintenance			1.59%	13.84%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	0%	0%
700 Customer-Caused				
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.61%	4.76%	0.25%	0.63%
999 Cause Unknown	0.61%	4.76%	0.25%	0.63%
<b>Weather</b>	17.14%	14.29%	20.91%	29.56%
500 Lightning				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	124 Hardwicks Crk to PKWY
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	41
Date of last Trim	

	Totals	5 Year Average		
		SAIDI	SAIFI	SAIDI
<b>Total Minutes/Frequency</b>	<b>159.20</b>	<b>.51</b>	<b>393.15</b>	<b>3.88</b>
<b>Weather</b>				
510 Wind, Not Trees	17.14%	14.29%	20.91%	29.56%
520 Ice, Sleet, Frost, Not Trees	17.14%	14.29%	13.81%	26.42%
530 Flood			6.94%	1.89%
590 Weather, Other			0.16%	1.26%



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation HARDWICKS CREEK  
 Substation Location \_\_\_\_\_  
 Circuit 134 Happy Top Rd Hwy 201  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 151  
 Date of last Trim \_\_\_\_\_

HERBICIDE 2020  
 HAPPY TOP -HWY 2001  
 POWELL CO. SPOUT SPRINGS HWY 2001-CLAY CITY

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>413.50</b>	<b>3.23</b>	<b>867.35</b>	<b>5.90</b>
<b>Animals</b>	1.20%	2.46%	0.61%	1.48%
600 Small Animal/Bird				
601 Squirrel	1.20%	2.46%	0.61%	1.48%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	25.77%	30.60%	12.71%	17.18%
300 Material or Equipment Fault/Failure	25.77%	30.60%	12.71%	17.18%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	62.96%	47.23%	68.40%	64.85%
400 Decay/Age of Material/Equipment			2.96%	7.28%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	2.67%	1.44%	20.70%	12.40%
430 Tree failure from overhang or dead tr	60.29%	45.79%	44.61%	45.05%
440 Trees With Ice/Snow			0.13%	0.11%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	134 Happy Top Rd Hwy 201
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	151
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>413.50</b>	<b>3.23</b>	<b>867.35</b>	<b>5.90</b>
<b>Maintenance</b>	62.96%	47.23%	68.40%	64.85%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.27%	5.95%	1.39%	7.05%
100 Construction	0.48%	1.03%	0.69%	2.05%
110 Maintenance	0.79%	4.93%	0.70%	5.01%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	10.02%	0.11%
700 Customer-Caused			10.02%	0.11%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	7.82%	13.55%	3.78%	7.51%
999 Cause Unknown	7.82%	13.55%	3.78%	7.51%
<b>Weather</b>	0.98%	0.21%	3.10%	1.82%
500 Lightning	0.98%	0.21%	2.03%	1.48%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HARDWICKS CREEK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HARDWICKS CREEK
Substation Location	
Circuit	134 Happy Top Rd Hwy 201
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	151
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>413.50</b>	<b>3.23</b>	<b>867.35</b>	<b>5.90</b>
<b>Weather</b>	0.98%	0.21%	3.10%	1.82%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			1.06%	0.34%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **HIGH ROCK**

1/1/2022 12:00:00 AM to 12/31/2021 11:59:59 PM

Substation HIGH ROCK  
 Substation Location \_\_\_\_\_  
 Circuit 104 Highrock  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 165  
 Date of last Trim \_\_\_\_\_

HIGH ROCK RD  
 HERBICIDE 2019  
 POWELL CO. -SOUTH FORK -BOWEN

	Total Minutes/Frequency		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Animals</b>	946.44	1.81	3,024.07	14.39
600 Small Animal/Bird	0.40%	1.64%	0.72%	2.46%
601 Squirrel	0.40%	1.64%	0.02%	0.04%
610 Large Animal			0.71%	2.42%
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	1.29%	1.54%
300 Material or Equipment Fault/Failure			1.17%	1.41%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.12%	0.13%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	97.07%	93.32%	79.88%	78.57%
400 Decay/Age of Material/Equipment			0.11%	0.22%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	6.72%	11.10%	2.25%	4.00%
430 Tree failure from overhang or dead tr	50.94%	64.19%	53.67%	63.62%
440 Trees With Ice/Snow	39.41%	18.03%	23.85%	10.73%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HIGH ROCK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>HIGH ROCK</u>
Substation Location	
Circuit	<u>104 Highrock</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>165</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>946.44</b>	<b>4.81</b>	<b>3,024.07</b>	<b>14.39</b>
<b>Maintenance</b>	97.07%	93.32%	79.88%	78.57%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.28%	0.88%	1.58%	5.68%
100 Construction	0.28%	0.88%	0.50%	1.89%
110 Maintenance			1.08%	3.78%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	3.16%	2.60%
700 Customer-Caused			0.08%	0.04%
710 Motor Vehicle			3.08%	2.55%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	1.39%	3.15%	0.76%	1.89%
999 Cause Unknown	1.39%	3.15%	0.76%	1.89%
<b>Weather</b>	0.85%	1.01%	12.61%	7.26%
500 Lightning	0.85%	1.01%	4.86%	6.03%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HIGH ROCK**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HIGH ROCK
Substation Location	
Circuit	104 Highrock
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	165
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	946.44	4.81	3,024.07	14.39
<b>Weather</b>	0.85%	1.01%	12.61%	7.26%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.34%	0.04%
530 Flood				
590 Weather, Other			7.40%	1.19%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **HINKSTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation HINKSTON  
 Substation Location \_\_\_\_\_  
 Circuit 214 Langley-Hwy Garage  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 28  
 Date of last Trim \_\_\_\_\_

2019-2022  
 HERBICIDE 2019-2022  
 LANGLEY FOODS AND INDUSTRIAL PARK  
 MONTGOMERY CO.-HINKSTON PIKE-MT. STERLING

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>141.79</b>	<b>.36</b>	<b>494.14</b>	<b>2.11</b>

<b>Animals</b>	3.68%	10%	1.06%	1.69%
600 Small Animal/Bird				
601 Squirrel	3.68%	10%	1.06%	1.69%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	6.63%	6.78%
300 Material or Equipment Fault/Failure			6.63%	6.78%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	0%	0%	0.40%	1.69%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr			0.40%	1.69%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HINKSTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HINKSTON
Substation Location	
Circuit	214 Langley-Hwy Garage
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	28
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	141.79	.36	494.14	2.11
<b>Maintenance</b>	0%	0%	0.40%	1.69%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	14.86%	70%	21.86%	38.98%
100 Construction	12.02%	40%	17.51%	23.73%
110 Maintenance	2.85%	30%	4.35%	15.25%
190 Other Planned				
<b>Power Supply</b>	0%	0%	43.97%	44.07%
000 Power Supply			43.97%	44.07%
<b>Public</b>	75.67%	10%	21.71%	1.69%
700 Customer-Caused	75.67%	10%	21.71%	1.69%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	5.79%	10%	1.66%	1.69%
999 Cause Unknown	5.79%	10%	1.66%	1.69%
<b>Weather</b>	0%	0%	2.70%	3.39%
500 Lightning			2.70%	3.39%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HINKSTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>HINKSTON</u>
Substation Location	
Circuit	<u>214 Langley-Hwy Garage</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>28</u>
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	141.79	.36	494.14	2.11
<b>Weather</b>	0%	0%	2.70%	3.39%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: HOPE  
 1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation: HOPE  
 Substation Location: \_\_\_\_\_  
 Circuit: 204 Spencer Rd  
 Circuit Location: \_\_\_\_\_  
 Total Circuit Length (miles): \_\_\_\_\_  
 Average Member Count: 1,002  
 Date of last Trim: \_\_\_\_\_

MONTGOMERY CO. SPENCER-STULTOWN RD-MEANS  
 SPENCER-BEDFORD RD  
 93.640  
 HOPE  
 2018 HERBICIDE 2020 AND 2021

Total Minutes/Frequency	Total		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	340.20	3.44	1,174.67	9.57
<b>Animals</b>	0.96%	1.63%	0.62%	1.02%
600 Small Animal/Bird	0.72%	1.16%	0.28%	0.57%
601 Squirrel	0.18%	0.35%	0.09%	0.17%
610 Large Animal	0.06%	0.12%	0.02%	0.04%
611 Cattle Rubbing			0.24%	0.24%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0.59%	0.78%	17.88%	22.59%
300 Material or Equipment Fault/Failure	0.38%	0.41%	16.90%	21.35%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance			0.73%	0.79%
340 Overload	0.21%	0.38%	0.25%	0.45%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	57.13%	64.74%	21.46%	31.04%
400 Decay/Age of Material/Equipment	0.19%	0.17%	0.24%	0.22%
410 Corrosion/Abrasion of Material/Equipm			0.03%	0.04%
420 Tree Growth	1.86%	0.78%	0.68%	0.46%
430 Tree failure from overhang or dead tr	50.47%	59.98%	18.36%	28.54%
440 Trees With Ice/Snow	4.61%	3.80%	2.15%	1.77%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

# PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	204 Spencer Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	1,002
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>340.20</b>	<b>3.44</b>	<b>1,174.67</b>	<b>9.57</b>
<b>Maintenance</b>	57.13%	64.74%	21.46%	31.04%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.33%	1.89%	13.56%	16.78%
100 Construction	1.20%	1.31%	12.94%	13.95%
110 Maintenance	0.13%	0.58%	0.63%	2.83%
190 Other Planned				
<b>Power Supply</b>	1.32%	0.09%	0.39%	0.03%
000 Power Supply	1.32%	0.09%	0.39%	0.03%
<b>Public</b>	8.06%	0.76%	31.25%	12.13%
700 Customer-Caused	6.91%	0.23%	6.26%	0.12%
710 Motor Vehicle	1.15%	0.52%	24.47%	11.19%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.51%	0.80%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.01%	0.02%
<b>Unknown</b>	0.83%	0.76%	3.54%	4.00%
999 Cause Unknown	0.83%	0.76%	3.54%	4.00%
<b>Weather</b>	29.77%	29.36%	11.31%	12.40%
500 Lightning	29.77%	29.36%	9.91%	11.93%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	204 Spencer Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	1,002
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	340.20	3.44	1,174.67	9.57
<b>Weather</b>	29.77%	29.36%	11.31%	12.40%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			1.28%	0.40%
530 Flood				
590 Weather, Other			0.12%	0.07%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: HOPE  
 1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation: HOPE  
 Substation Location:  
 Circuit: 224 Stulltown Rd  
 Circuit Location:  
 Total Circuit Length (miles):  
 Average Member Count: 140  
 Date of last Trim:

MONTGOMERY CO.-SPENCER-STULLTOWN RD-MEANS  
 STULLTOWN RD  
 13.565  
 HERBICIDE 2020 AND 2022

Total Minutes/Frequency	Total		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	92.96	2.86	373.50	3.86
<b>Animals</b>	0%	0%	0.29%	0.37%
600 Small Animal/Bird			0.29%	0.37%
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	7.82%	10.74%	9.36%	13.59%
300 Material or Equipment Fault/Failure	7.82%	10.74%	9.36%	13.59%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	59.88%	33.06%	59.27%	39.48%
400 Decay/Age of Material/Equipment	0.38%	0.83%	15.98%	13.04%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	2.37%	1.65%	2.62%	3.17%
430 Tree failure from overhang or dead tr	57.13%	30.58%	38.11%	23.09%
440 Trees With Ice/Snow			2.56%	0.19%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	224 Stulltown Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	140
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	92.96	.86	373.50	3.86
<b>Maintenance</b>	59.88%	33.06%	59.27%	39.48%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	2.73%	6.61%	7.54%	18.25%
100 Construction	2.24%	4.96%	5.56%	8.75%
110 Maintenance	0.48%	1.65%	1.99%	9.50%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	29.18%	48.76%	9.06%	13.04%
700 Customer-Caused				
710 Motor Vehicle	29.18%	48.76%	7.48%	11.17%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			1.58%	1.86%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0%	0%
999 Cause Unknown				
<b>Weather</b>	0.38%	0.83%	14.48%	15.27%
500 Lightning	0.38%	0.83%	14.48%	15.27%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	224 Stulltown Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	140
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	92.96	.86	373.50	3.86
<b>Weather</b>	0.38%	0.83%	14.48%	15.27%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other

# PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation:** HOPE  
 1/1/2022 12:00:00 AM to 12/31/2021 11:59 PM

Substation HOPE  
 Substation Location \_\_\_\_\_  
 Circuit 234 Hope Means Rd  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 362  
 Date of last Trim \_\_\_\_\_

HOPE  
 HOPE MEANS RD.  
 MONTEGOMERY CO. SPENCER-STULTOWN RD-MEANS  
 HOPE  
 HERBICIDE 2020 AND 2021

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	471.92	3.57	1,832.83	11.51

<b>Animals</b>	0.41%	0.93%	0.29%	0.58%
600 Small Animal/Bird	0.21%	0.46%	0.19%	0.29%
601 Squirrel	0.21%	0.46%	0.11%	0.29%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0.19%	0.54%	0.56%	1.28%
300 Material or Equipment Fault/Failure	0.19%	0.54%	0.45%	1.04%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.07%	0.22%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design			0.04%	0.02%
<b>Maintenance</b>	85.89%	85.37%	67.38%	74.75%
400 Decay/Age of Material/Equipment	1.71%	2.48%	0.96%	1.45%
410 Corrosion/Abrasion of Material/Equipm			0.03%	0.02%
420 Tree Growth	0.21%	0.46%	0.09%	0.22%
430 Tree failure from overhang or dead tr	83.96%	82.43%	65.55%	64.53%
440 Trees With Ice/Snow			0.75%	8.52%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	234 Hope Means Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	362
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>471.92</b>	<b>3.57</b>	<b>1,832.83</b>	<b>11.51</b>
<b>Maintenance</b>	85.89%	85.37%	67.38%	74.75%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.16%	1.93%	24.92%	14.82%
100 Construction	1.14%	1.78%	0.86%	3.48%
110 Maintenance	0.01%	0.15%	23.99%	11.32%
190 Other Planned			0.07%	0.02%
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	11.47%	9.75%	4.64%	4.20%
700 Customer-Caused	0.02%	0.08%	0.03%	0.12%
710 Motor Vehicle			1.65%	1.06%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	11.45%	9.67%	2.96%	3.02%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.13%	0.15%	0.43%	0.70%
999 Cause Unknown	0.13%	0.15%	0.43%	0.70%
<b>Weather</b>	0.75%	1.32%	1.78%	3.67%
500 Lightning	0.75%	1.32%	1.71%	3.55%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HOPE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HOPE
Substation Location	
Circuit	234 Hope Means Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	362
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>471.92</b>	<b>3.57</b>	<b>1,832.83</b>	<b>11.51</b>
<b>Weather</b>	0.75%	1.32%	1.78%	3.67%
510 Wind, Not Trees			0.02%	0.05%
520 Ice, Sleet, Frost, Not Trees			0.05%	0.07%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation:** HUNT

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	214 College Hill
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

222 HELICOPTER AND MOW  
 80.459 COLLEGE HILL FEED  
 CLARK CO-JACKSON FERRY-WINCHESTER

	Total	5 Year Average		
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	1,280.12	9.86	2,224.91	12.01
<b>Animals</b>	18.27%	4.98%	12.32%	11.22%
600 Small Animal/Bird	0.15%	0.29%	0.80%	1.03%
601 Squirrel	18.09%	14.65%	11.50%	10.16%
610 Large Animal				
611 Cattle Rubbing	0.03%	0.04%	0.02%	0.02%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	19.84%	25.92%	12.10%	15.46%
300 Material or Equipment Fault/Failure	19.73%	25.75%	11.98%	15.31%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.12%	0.16%	0.13%	0.15%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	56.99%	51.67%	51.32%	48.64%
400 Decay/Age of Material/Equipment	1.71%	1.56%	1.80%	1.55%
410 Corrosion/Abrasion of Material/Equipm	0.01%	0.06%	0.02%	0.06%
420 Tree Growth	0.51%	0.49%	3.66%	5.64%
430 Tree failure from overhang or dead tr	52.02%	47.88%	44.25%	40.43%
440 Trees With Ice/Snow	2.57%	1.52%	1.49%	0.87%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	0.18%	0.16%	0.10%	0.09%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	214 College Hill
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>1,280.12</b>	<b>6.86</b>	<b>2,224.91</b>	<b>12.01</b>
<b>Maintenance</b>	56.99%	51.67%	51.32%	48.64%
490 Maintenance, Other				
<b>Other</b>	0.05%	0.10%	0.03%	0.06%
800 Other				
801 Supervisor Review	0.05%	0.10%	0.03%	0.06%
<b>Planned Outage</b>	1.01%	3.34%	2.88%	6.96%
100 Construction	0.51%	1.04%	1.81%	3.55%
110 Maintenance	0.50%	2.29%	1.07%	3.41%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	1.48%	1.70%	11.50%	8.53%
700 Customer-Caused	0.01%	0.02%	1.68%	0.08%
710 Motor Vehicle			7.54%	6.27%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	1.47%	1.68%	2.28%	2.18%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.25%	0.43%	1.83%	2.99%
999 Cause Unknown	0.25%	0.43%	1.83%	2.99%
<b>Weather</b>	2.12%	1.86%	8.02%	6.13%
500 Lightning	1.41%	1.84%	3.13%	3.66%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	214 College Hill
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	712
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>1,280.12</b>	<b>6.86</b>	<b>2,224.91</b>	<b>12.01</b>
<b>Weather</b>				
510 Wind, Not Trees	2.12%	1.86%	8.02%	6.13%
520 Ice, Sleet, Frost, Not Trees	0.71%	0.02%	0.41%	0.01%
530 Flood			1.65%	0.60%
590 Weather, Other			2.84%	1.86%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	<u>HUNT</u>
Substation Location	
Circuit	<u>234 Muddy Creek</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>375</u>
Date of last Trim	

HUNTER HILL HELICOPTER AND MOW  
 MUDDY CREEK - HWY 89  
 CLARK CO. - JACKSON FERRY - WINCHESTER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>167.85</b>	<b>.87</b>	<b>408.85</b>	<b>3.11</b>
<b>Animals</b>	4.39%	13.11%	2.85%	5.26%
600 Small Animal/Bird	1.70%	5.18%	1.40%	2.50%
601 Squirrel	2.56%	7.62%	1.14%	2.24%
610 Large Animal			0.12%	0.26%
611 Cattle Rubbing			0.14%	0.17%
612 Animal/Large Bird	0.13%	0.30%	0.05%	0.09%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	2.86%	0.61%	3.06%	3.11%
300 Material or Equipment Fault/Failure	2.86%	0.61%	2.99%	2.93%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.07%	0.17%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	55.89%	30.79%	62.32%	36.07%
400 Decay/Age of Material/Equipment			4.18%	2.07%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	13.18%	8.54%	10.52%	9.23%
430 Tree failure from overhang or dead tr	42.71%	22.26%	47.61%	24.76%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	234 Muddy Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	375
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>167.85</b>	<b>.87</b>	<b>408.85</b>	<b>3.11</b>
<b>Maintenance</b>	55.89%	30.79%	62.32%	36.07%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.71%	8.23%	5.36%	13.72%
100 Construction	2.97%	7.01%	3.74%	5.44%
110 Maintenance	0.74%	1.22%	1.62%	8.28%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	16.79%	10.67%	13.53%	23.90%
700 Customer-Caused	6.53%	0.30%	2.70%	0.09%
710 Motor Vehicle			6.58%	20.79%
720 Aircraft				
730 Fire			0.02%	0.09%
740 Public Cuts Tree	10.26%	10.37%	4.24%	2.93%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	2.31%	1.83%	3.84%	5.44%
999 Cause Unknown	2.31%	1.83%	3.84%	5.44%
<b>Weather</b>	14.04%	34.76%	9.04%	12.51%
500 Lightning	0.70%	0.91%	3.41%	2.76%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	234 Muddy Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	375
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>167.85</b>	<b>.87</b>	<b>408.85</b>	<b>3.11</b>
<b>Weather</b>	14.04%	34.76%	9.04%	12.51%
510 Wind, Not Trees	13.34%	33.84%	5.51%	9.58%
520 Ice, Sleet, Frost, Not Trees			0.05%	0.09%
530 Flood				
590 Weather, Other			0.07%	0.09%



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: HUNT

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation HUNT  
 Substation Location \_\_\_\_\_  
 Circuit 244 Red River  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 120  
 Date of last Trim \_\_\_\_\_

CLARK CO.-JACKSON FERRY-WINCHESTER  
 RED RIVER FEED  
 25429  
 HELICOPTER AND MOW SERVICE

Total Minutes/Frequency	Total		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	602.97	0.23	2,105.98	10.82
<b>Animals</b>	0%	0%	0.15%	0.28%
600 Small Animal/Bird			0.05%	0.07%
601 Squirrel			0.10%	0.21%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	7.73%	9.45%
300 Material or Equipment Fault/Failure			7.38%	8.67%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.36%	0.78%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	70.82%	65.37%	71.89%	63.54%
400 Decay/Age of Material/Equipment			4.37%	4.62%
410 Corrosion/Abrasion of Material/Equipm	0.04%	0.26%	1.10%	1.00%
420 Tree Growth	8.18%	12.14%	16.67%	15.42%
430 Tree failure from overhang or dead tr	46.23%	40.57%	45.43%	39.09%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	16.36%	12.40%	4.32%	3.41%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	244 Red River
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	120
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 602.97	SAIFI 3.23	SAIDI 2,105.98	SAIFI 10.82
<b>Maintenance</b>		70.82%	65.37%	71.89%	63.54%
490 Maintenance, Other					
<b>Other</b>		3.99%	3.62%	1.05%	1.00%
800 Other		3.99%	3.62%	1.05%	1.00%
801 Supervisor Review					
<b>Planned Outage</b>		2.51%	4.65%	6.26%	11.73%
100 Construction		1.86%	3.62%	5.71%	9.88%
110 Maintenance		0.65%	1.03%	0.56%	1.85%
190 Other Planned					
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		2.19%	0.52%	5.13%	4.83%
700 Customer-Caused		2.01%	0.26%	0.53%	0.07%
710 Motor Vehicle		0.18%	0.26%	0.05%	0.07%
720 Aircraft					
730 Fire					
740 Public Cuts Tree				4.56%	4.69%
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		12.60%	13.18%	3.39%	3.70%
999 Cause Unknown		12.60%	13.18%	3.39%	3.70%
<b>Weather</b>		7.90%	12.66%	4.38%	5.47%
500 Lightning		7.90%	12.66%	4.32%	5.40%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	HUNT
Substation Location	
Circuit	244 Red River
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	120
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	602.97	3.23	2,105.98	10.82
<b>Weather</b>	7.90%	12.66%	4.38%	5.47%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.06%	0.07%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **JEFFERSONVILLE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation JEFFERSONVILLE  
 Substation Location \_\_\_\_\_  
 Circuit 244 Means  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 586  
 Date of last Trim \_\_\_\_\_

MONTGOMERY CO. HWY 1050-JEFFERSONVILLE  
 HWY 1050-MEANS  
 HERBICIDE 2020 AND 2022

	Total Minutes/Frequency	Total %		5 Year Average	
		SAIDI	SAIFI	SAIDI	SAIFI
		279.91	3.33	669.17	6.65
<b>Animals</b>		2.07%	2.25%	1.10%	1.47%
600 Small Animal/Bird		0.94%	0.87%	0.56%	0.67%
601 Squirrel		1.02%	1.13%	0.50%	0.67%
610 Large Animal					
611 Cattle Rubbing					
612 Animal/Large Bird		0.10%	0.26%	0.04%	0.13%
620 Animal damage-gnawing or boring					
690 Animal, Other					
<b>Equipment or Installation/Design</b>		9.16%	4.35%	5.00%	3.99%
300 Material or Equipment Fault/Failure		9.16%	4.35%	4.95%	3.86%
310 Installation Fault					
320 Conductor Sag or Inadequate Clearance					
340 Overload				0.05%	0.13%
350 Miscoordination of Protection Devices					
360 Other Equipment Installation/Design					
<b>Maintenance</b>		36.60%	30.04%	47.49%	46.13%
400 Decay/Age of Material/Equipment				7.82%	14.54%
410 Corrosion/Abrasion of Material/Equipm		0.05%	0.10%	0.02%	0.05%
420 Tree Growth		0.69%	0.26%	0.49%	0.41%
430 Tree failure from overhang or dead tr		18.17%	25.08%	28.01%	27.08%
440 Trees With Ice/Snow		17.68%	4.61%	7.49%	2.39%
450 Contamination (leakage/external)					
460 Moisture					
470 Borrower crew cuts tree					

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: JEFFERSONVILLE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>JEFFERSONVILLE</u>
Substation Location	
Circuit	<u>244 Means</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>586</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>279.91</b>	<b>3.33</b>	<b>669.17</b>	<b>6.65</b>
<b>Maintenance</b>	36.60%	30.04%	47.49%	46.13%
490 Maintenance, Other			3.65%	1.65%
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	13.33%	19.60%	9.65%	20.46%
100 Construction	13.13%	17.81%	7.70%	13.00%
110 Maintenance	0.20%	1.74%	1.95%	7.44%
190 Other Planned	0.01%	0.05%	0.00%	0.03%
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	30.83%	29.99%	23.39%	15.39%
700 Customer-Caused	4.41%	0.05%	12.12%	0.13%
710 Motor Vehicle	26.41%	29.94%	11.10%	15.08%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.17%	0.18%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	2.40%	8.65%	6.45%	7.23%
999 Cause Unknown	2.40%	8.65%	6.45%	7.23%
<b>Weather</b>	5.61%	5.12%	6.93%	5.33%
500 Lightning			0.69%	0.64%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: JEFFERSONVILLE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	JEFFERSONVILLE
Substation Location	
Circuit	244 Means
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	586
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	279.91	3.33	669.17	6.65
<b>Weather</b>	5.61%	5.12%	6.93%	5.33%
510 Wind, Not Trees	5.61%	5.12%	2.41%	2.65%
520 Ice, Sleet, Frost, Not Trees			3.41%	1.57%
530 Flood			0.43%	0.46%
590 Weather, Other				

# PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation MARIBA  
 Substation Location \_\_\_\_\_  
 Circuit 124 Wynn Flatt  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 125  
 Date of last Trim \_\_\_\_\_

HERBICIDE 2015-2017-2020  
 HWY 460 E  
 MENIFEE CO. - KENDRICK RIDGE - FRENCHBURG

	Total		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>37.46</b>	<b>.50</b>	<b>134.59</b>	<b>1.71</b>
<b>Animals</b>	4.14%	6.35%	7.30%	6.43%
600 Small Animal/Bird	1.77%	1.59%	0.75%	0.71%
601 Squirrel	2.37%	4.76%	6.55%	5.71%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	4.69%	5%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			4.69%	5%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	87.47%	76.19%	56.56%	60.71%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	2.20%	1.59%	0.93%	0.71%
430 Tree failure from overhang or dead tr	85.27%	74.60%	55.63%	60%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MARIBA
Substation Location	
Circuit	124 Wynn Flatt
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	125
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>37.46</b>	<b>.50</b>	<b>134.59</b>	<b>1.71</b>
<b>Maintenance</b>	87.47%	76.19%	56.56%	60.71%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	4.98%	9.52%	17.29%	15.71%
100 Construction	4.12%	7.94%	16.08%	10.71%
110 Maintenance	0.85%	1.59%	1.21%	5%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	1.15%	1.59%	1.54%	1.43%
700 Customer-Caused			1.05%	0.71%
710 Motor Vehicle	1.15%	1.59%	0.49%	0.71%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	2.26%	6.35%	1.57%	3.57%
999 Cause Unknown	2.26%	6.35%	1.57%	3.57%
<b>Weather</b>	0%	0%	11.05%	7.14%
500 Lightning			11.05%	7.14%



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>MARIBA</u>
Substation Location	_____
Circuit	<u>124 Wynn Flatt</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>125</u>
Date of last Trim	_____

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	37.46	.50	134.59	1.71
<b>Weather</b>	0%	0%	11.05%	7.14%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

	Total	5 Year Average
	SAIDI	SAIFI
Total Minutes/Frequency	211.66	1.13
	684.70	4.80
<b>Substation</b>	MARIBA	
<b>Substation Location</b>		
<b>Circuit</b>	134 Kendrick Ridge-Single	
<b>Circuit Location</b>		
<b>Total Circuit Length (miles)</b>		
<b>Average Member Count</b>	112	
<b>Date of last Trim</b>		
<b>Animals</b>	2.22%	6.35%
600 Small Animal/Bird	0.26%	0.79%
601 Squirrel	1.96%	5.56%
610 Large Animal		
611 Cattle Rubbing		
612 Animal/Large Bird		
620 Animal damage-gnawing or boring		
690 Animal, Other		
<b>Equipment or Installation/Design</b>	4.94%	11.11%
300 Material or Equipment Fault/Failure	1.91%	0.79%
310 Installation Fault		
320 Conductor Sag or Inadequate Clearance		
340 Overload	3.02%	10.32%
350 Miscoordination of Protection Devices		
360 Other Equipment Installation/Design		
<b>Maintenance</b>	30.58%	37.30%
400 Decay/Age of Material/Equipment	0.35%	0.79%
410 Corrosion/Abrasion of Material/Equipm	0.17%	0.79%
420 Tree Growth	12.55%	6.35%
430 Tree failure from overhang or dead tr	17.50%	29.37%
440 Trees With Ice/Snow		
450 Contamination (leakage/external)		
460 Moisture		
470 Borrower crew cuts tree		

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MARIBA
Substation Location	
Circuit	134 Kendrick Ridge-Single
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	112
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	211.66	1.13	684.70	4.80
<b>Maintenance</b>	30.58%	37.30%	63.40%	60.23%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	7.80%	12.70%	3.65%	12.01%
100 Construction	7.69%	11.11%	3.04%	3.94%
110 Maintenance	0.12%	1.59%	0.61%	8.07%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	46.08%	0.79%	14.37%	0.19%
700 Customer-Caused	46.08%	0.79%	14.37%	0.19%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	8.01%	30.95%	2.80%	8.07%
999 Cause Unknown	8.01%	30.95%	2.80%	8.07%
<b>Weather</b>	0.38%	0.79%	9.16%	7.13%
500 Lightning	0.38%	0.79%	6.24%	5.25%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MARIBA**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

---

Substation	<u>MARIBA</u>
Substation Location	_____
Circuit	<u>134 Kendrick Ridge-Single</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>112</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>211.66</b>	<b>1.13</b>	<b>684.70</b>	<b>4.80</b>
<b>Weather</b>	0.38%	0.79%	9.16%	7.13%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			2.92%	1.88%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	MILLER HUNT
Substation Location	
Circuit	224 Miller Hunt Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	341
Date of last Trim	

016 HERBICIDE 2017  
 CLARK CO. - MILLER HUNT RD - WINCHESTER

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	119.26	.82	402.25	4.30
<b>Animals</b>	3.96%	3.93%	3.41%	3.45%
600 Small Animal/Bird	3.96%	3.93%	2.97%	3.11%
601 Squirrel			0.36%	0.28%
610 Large Animal				
611 Cattle Rubbing			0.08%	0.07%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	16.87%	18.57%	20.43%	14.77%
300 Material or Equipment Fault/Failure	16.87%	18.57%	15.25%	10.28%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance			5.18%	4.49%
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	57.23%	42.50%	34.95%	20.91%
400 Decay/Age of Material/Equipment	1.58%	1.07%	0.81%	0.48%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	17.63%	10.71%	11.24%	6.63%
430 Tree failure from overhang or dead tr	38.02%	30.71%	22.75%	13.60%
440 Trees With Ice/Snow			0.15%	0.21%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: MILLER HUNT

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MILLER HUNT
Substation Location	
Circuit	224 Miller Hunt Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	341
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
		119.26	.82	402.25	4.30
<b>Maintenance</b>		57.23%	42.50%	34.95%	20.91%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		8.55%	12.14%	7.22%	9.52%
100 Construction		3.76%	8.21%	4.28%	4.76%
110 Maintenance		4.78%	3.93%	2.93%	4.76%
190 Other Planned					
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		0.27%	1.07%	0.17%	0.28%
700 Customer-Caused		0.10%	0.36%	0.12%	0.14%
710 Motor Vehicle		0.17%	0.71%	0.05%	0.14%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		6.65%	10.36%	3.39%	3.38%
999 Cause Unknown		6.65%	10.36%	3.39%	3.38%
<b>Weather</b>		6.47%	11.43%	30.44%	47.69%
500 Lightning		6.47%	11.43%	8.92%	7.11%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MILLER HUNT
Substation Location	
Circuit	224 Miller Hunt Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	341
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>119.26</b>	<b>.82</b>	<b>402.25</b>	<b>4.30</b>
<b>Weather</b>	6.47%	11.43%	30.44%	47.69%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			21.52%	40.58%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>MILLER HUNT</u>
Substation Location	
Circuit	<u>234 Office</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>119</u>
Date of last Trim	

CLARK CO.-MILLER HUNT RD-WINCHESTER  
 OFFICE FEED-HWY 15  
 99834  
 2015 HERBICIDE 2017

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>246.04</b>	<b>1.12</b>	<b>613.59</b>	<b>3.55</b>
<b>Animals</b>	95.78%	90.98%	39.53%	31.74%
600 Small Animal/Bird			0.19%	0.72%
601 Squirrel	95.78%	90.98%	39.33%	31.03%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0.79%	0.75%	0.37%	0.48%
300 Material or Equipment Fault/Failure	0.79%	0.75%	0.37%	0.48%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	0.38%	1.50%	19.61%	15.27%
400 Decay/Age of Material/Equipment	0.38%	1.50%	0.27%	0.72%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr			19.33%	14.56%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>MILLER HUNT</u>
Substation Location	
Circuit	<u>234 Office</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>119</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>246.04</b>	<b>1.12</b>	<b>613.59</b>	<b>3.55</b>
<b>Maintenance</b>	0.38%	1.50%	19.61%	15.27%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.06%	6.77%	10.37%	36.52%
100 Construction	1.61%	3.76%	3.95%	9.31%
110 Maintenance	1.44%	3.01%	6.43%	27.21%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	17.80%	0.24%
700 Customer-Caused			17.80%	0.24%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0.11%	0.95%
999 Cause Unknown			0.11%	0.95%
<b>Weather</b>	0%	0%	12.22%	14.80%
500 Lightning			12.22%	14.80%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: MILLER HUNT

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>MILLER HUNT</u>
Substation Location	_____
Circuit	<u>234 Office</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>119</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>246.04</b>	<b>1.12</b>	<b>613.59</b>	<b>3.55</b>
<b>Weather</b>	0%	0%	12.22%	14.80%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation MILLER HUNT  
 Substation Location \_\_\_\_\_  
 Circuit 244 Hwy 89  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 272  
 Date of last Trim \_\_\_\_\_

015 HERBICIDE 2017  
 HWY 89-MUDDY CREEK  
 CLARK CO.-MILLER HUNT RD-WINCHESTER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>181.15</b>	<b>1.81</b>	<b>748.73</b>	<b>5.88</b>
<b>Animals</b>	0.13%	0.20%	0.46%	0.53%
600 Small Animal/Bird			0.33%	0.40%
601 Squirrel	0.13%	0.20%	0.14%	0.13%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	3.59%	4.48%	2.20%	2.70%
300 Material or Equipment Fault/Failure	3.59%	4.48%	2.20%	2.70%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	74.26%	49.49%	20.71%	18.72%
400 Decay/Age of Material/Equipment	34.05%	14.66%	8.75%	4.88%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	18.08%	14.87%	4.68%	4.94%
430 Tree failure from overhang or dead tr	22.14%	19.96%	7.28%	8.90%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MILLER HUNT
Substation Location	
Circuit	244 Hwy 89
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	272
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	181.15	1.81	748.73	5.88
<b>Maintenance</b>	74.26%	49.49%	20.71%	18.72%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	8.86%	37.27%	5.68%	18.46%
100 Construction	6.54%	11.41%	4.70%	8.24%
110 Maintenance	2.32%	25.87%	0.98%	10.22%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	22.44%	16.28%
700 Customer-Caused			0.93%	0.07%
710 Motor Vehicle			19.35%	12.92%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			1.81%	2.11%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.35%	1.19%
<b>Unknown</b>	0.24%	0.20%	2.58%	2.83%
999 Cause Unknown	0.24%	0.20%	2.58%	2.83%
<b>Weather</b>	12.93%	8.35%	45.92%	40.47%
500 Lightning	12.93%	8.35%	24.18%	21.36%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MILLER HUNT**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>MILLER HUNT</u>
Substation Location	_____
Circuit	<u>244 Hwy 89</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>272</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>181.15</b>	<b>1.81</b>	<b>748.73</b>	<b>5.88</b>
<b>Weather</b>	12.93%	8.35%	45.92%	40.47%
510 Wind, Not Trees			1.07%	2.97%
520 Ice, Sleet, Frost, Not Trees			20.67%	16.15%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation MT. STERLING  
 Substation Location \_\_\_\_\_  
 Circuit 124 Fuller Est-Fogg Pike  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 328  
 Date of last Trim \_\_\_\_\_

HWY 11 NORTH  
 MONTGOMERY CO. - HWY11 - MT STERLING

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>108.74</b>	<b>1.40</b>	<b>653.61</b>	<b>6.13</b>
<b>Animals</b>	3.01%	1.96%	2.05%	2.19%
600 Small Animal/Bird	0.23%	0.22%	1.31%	1.34%
601 Squirrel	2.79%	1.74%	0.67%	0.75%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird			0.07%	0.10%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	1.71%	0.43%	10.42%	17.72%
300 Material or Equipment Fault/Failure			9.65%	16.92%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	1.71%	0.43%	0.76%	0.80%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	31.21%	20.65%	31.45%	28.47%
400 Decay/Age of Material/Equipment	0.49%	0.22%	14.42%	16.82%
410 Corrosion/Abrasion of Material/Equipm	25.46%	13.70%	4.23%	3.14%
420 Tree Growth			1.30%	1.19%
430 Tree failure from overhang or dead tr	3.50%	4.57%	11.20%	6.82%
440 Trees With Ice/Snow	1.77%	2.17%	0.29%	0.50%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	124 Fuller Est-Fogg Pike
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	328
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>108.74</b>	<b>1.40</b>	<b>653.61</b>	<b>6.13</b>
<b>Maintenance</b>	31.21%	20.65%	31.45%	28.47%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	6.13%	5.65%	5.02%	7.42%
100 Construction	0.66%	0.65%	2.76%	2.29%
110 Maintenance	5.48%	5.00%	2.26%	5.13%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	9.49%	1.29%
700 Customer-Caused			7.34%	0.05%
710 Motor Vehicle			2.15%	1.24%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	57.94%	71.30%	13.01%	22.25%
999 Cause Unknown	57.94%	71.30%	13.01%	22.25%
<b>Weather</b>	0%	0%	28.56%	20.66%
500 Lightning			28.15%	20.36%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	124 Fuller Est-Fogg Pike
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	328
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>108.74</b>	<b>1.40</b>	<b>653.61</b>	<b>6.13</b>
<b>Weather</b>	0%	0%	28.56%	20.66%
510 Wind, Not Trees			0.41%	0.30%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	<u>MT. STERLING</u>
Substation Location	
Circuit	<u>134 Levee-Hwy 11</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>684</u>
Date of last Trim	

LEVEE-HWY 11  
 MONTGOMERY-HWY 11-MT STERLING

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>265.78</b>	<b>1.38</b>	<b>863.00</b>	<b>4.99</b>
<b>Animals</b>	4.15%	9.93%	2.87%	5.37%
600 Small Animal/Bird	0.10%	0.42%	1.46%	2.50%
601 Squirrel	0.61%	2.32%	0.19%	0.65%
610 Large Animal				
611 Cattle Rubbing			0.07%	0.12%
612 Animal/Large Bird	3.43%	7.18%	1.14%	2.09%
620 Animal damage-gnawing or boring				
690 Animal, Other			0.01%	0.03%
<b>Equipment or Installation/Design</b>	1.99%	2.64%	4.06%	6.26%
300 Material or Equipment Fault/Failure	1.99%	2.64%	3.81%	6.08%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.25%	0.18%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	53.22%	55.65%	41.12%	36.71%
400 Decay/Age of Material/Equipment			1.43%	2.56%
410 Corrosion/Abrasion of Material/Equipm	1.10%	0.84%	5.45%	3.70%
420 Tree Growth	0.42%	1.27%	1.64%	1.82%
430 Tree failure from overhang or dead tr	51.69%	53.54%	32.50%	28.52%
440 Trees With Ice/Snow			0.07%	0.09%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree			0.01%	0.03%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	134 Levee-Hwy 11
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	684
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	265.78	1.38	863.00	4.99
<b>Maintenance</b>	53.22%	55.65%	41.12%	36.71%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	2.04%	4.65%	18.75%	23.47%
100 Construction	1.96%	4.01%	18.33%	21.67%
110 Maintenance	0.08%	0.63%	0.42%	1.79%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	31.48%	13.62%	13.51%	5.40%
700 Customer-Caused	8.13%	0.21%	4.58%	0.29%
710 Motor Vehicle	22.56%	13.09%	8.01%	4.17%
720 Aircraft				
730 Fire	0.79%	0.32%	0.24%	0.09%
740 Public Cuts Tree			0.68%	0.85%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	2.03%	2.53%	2.88%	5.02%
999 Cause Unknown	2.03%	2.53%	2.88%	5.02%
<b>Weather</b>	5.09%	10.98%	16.81%	17.77%
500 Lightning	1.64%	4.01%	8.59%	10.63%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	134 Levee-Hwy 11
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	684
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>265.78</b>	<b>1.38</b>	<b>863.00</b>	<b>4.99</b>
<b>Weather</b>	5.09%	10.98%	16.81%	17.77%
510 Wind, Not Trees	3.45%	6.97%	1.50%	2.70%
520 Ice, Sleet, Frost, Not Trees			6.72%	4.43%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **MT. STERLING**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation MT. STERLING  
 Substation Location \_\_\_\_\_  
 Circuit 144 Kiddville  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 502  
 Date of last Trim \_\_\_\_\_

KIDDVILLE - GQFFS CORNER  
 MONTGOMERY CO - HWY 11 - MT STERLING  
 0.45  
 ANNUAL 2022

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>172.79</b>	<b>1.52</b>	<b>500.49</b>	<b>3.70</b>
<b>Animals</b>	3.06%	5.37%	2.57%	4.71%
600 Small Animal/Bird	0.50%	0.39%	0.78%	1.41%
601 Squirrel	2.55%	4.97%	1.60%	3.25%
610 Large Animal				
611 Cattle Rubbing			0.19%	0.05%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	10.66%	4.58%	10.42%	10.72%
300 Material or Equipment Fault/Failure	3.99%	0.65%	6.60%	6.82%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	6.67%	3.93%	3.82%	3.90%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	15.94%	11.52%	39.01%	25.12%
400 Decay/Age of Material/Equipment	0.19%	0.13%	7.15%	3.25%
410 Corrosion/Abrasion of Material/Equipm			0.35%	0.27%
420 Tree Growth	1.42%	1.44%	2.80%	2.27%
430 Tree failure from overhang or dead tr	14.33%	9.95%	28.72%	19.33%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: MT. STERLING

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	144 Kiddville
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	502
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>172.79</b>	<b>1.52</b>	<b>500.49</b>	<b>3.70</b>
<b>Maintenance</b>	15.94%	11.52%	39.01%	25.12%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.90%	6.54%	7.75%	13.05%
100 Construction	3.41%	4.06%	6.73%	8.28%
110 Maintenance	0.48%	2.49%	1.02%	4.76%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	16.97%	0.39%	10.34%	3.79%
700 Customer-Caused	16.97%	0.39%	5.89%	0.16%
710 Motor Vehicle			1.21%	0.38%
720 Aircraft				
730 Fire			0.35%	0.11%
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			2.89%	3.14%
<b>Unknown</b>	45.79%	68.59%	17.85%	30.86%
999 Cause Unknown	45.79%	68.59%	17.85%	30.86%
<b>Weather</b>	3.68%	3.01%	12.05%	11.75%
500 Lightning	3.68%	3.01%	9.21%	10.07%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

#### Substation: MT. STERLING

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	MT. STERLING
Substation Location	
Circuit	144 Kiddville
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	502
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>172.79</b>	<b>1.52</b>	<b>500.49</b>	<b>3.70</b>
<b>Weather</b>	3.68%	3.01%	12.05%	11.75%
510 Wind, Not Trees			1.97%	1.30%
520 Ice, Sleet, Frost, Not Trees			0.52%	0.27%
530 Flood				
590 Weather, Other			0.36%	0.11%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **REID VILLAGE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	REID VILLAGE
Substation Location	
Circuit	114 Hwy 60 Clark Co
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	414
Date of last Trim	

HWY 60 WEST  
 MONTGOMERY-HWY 60-MT. STERLING

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>91.91</b>	<b>.58</b>	<b>338.80</b>	<b>3.43</b>
<b>Animals</b>	3.58%	9.21%	9.69%	8.47%
600 Small Animal/Bird	2.75%	7.11%	7.31%	6.14%
601 Squirrel	0.83%	2.09%	1.37%	1.62%
610 Large Animal				
611 Cattle Rubbing			1.01%	0.71%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	2.63%	6.69%	9.64%	34.72%
300 Material or Equipment Fault/Failure			8.93%	33.59%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	2.63%	6.69%	0.71%	1.13%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	49.00%	38.49%	26.56%	14.68%
400 Decay/Age of Material/Equipment	10.07%	4.60%	3.38%	1.13%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.96%	1.67%	1.48%	1.34%
430 Tree failure from overhang or dead tr	37.97%	32.22%	21.70%	12.21%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: REID VILLAGE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	REID VILLAGE
Substation Location	
Circuit	114 Hwy 60 Clark Co
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	414
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>91.91</b>	<b>.58</b>	<b>338.80</b>	<b>3.43</b>
<b>Maintenance</b>	49.00%	38.49%	26.56%	14.68%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	6.85%	8.79%	7.40%	18.98%
100 Construction	6.35%	7.53%	5.08%	8.33%
110 Maintenance	0.49%	1.26%	2.32%	10.66%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0.59%	1.26%	17.57%	1.13%
700 Customer-Caused	0.44%	0.84%	16.82%	0.49%
710 Motor Vehicle	0.15%	0.42%	0.11%	0.14%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.64%	0.49%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	2.86%	3.11%
999 Cause Unknown			2.86%	3.11%
<b>Weather</b>	37.36%	35.56%	26.28%	18.91%
500 Lightning	37.36%	35.56%	22.17%	17.36%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: REID VILLAGE

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	REID VILLAGE
Substation Location	
Circuit	114 Hwy 60 Clark Co
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	414
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>91.91</b>	<b>.58</b>	<b>338.80</b>	<b>3.43</b>
<b>Weather</b>				
510 Wind, Not Trees	37.36%	35.56%	26.28%	18.91%
520 Ice, Sleet, Frost, Not Trees			3.70%	1.34%
530 Flood			0.40%	0.21%
590 Weather, Other				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: REID VILLAGE**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>REID VILLAGE</u>
Substation Location	
Circuit	<u>124 Prewitt Pike</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>402</u>
Date of last Trim	

2015  
 HERBICIDE 2017  
 PREWITT PIKE-FOGG PIKE  
 MONTGOMERY CO-HWY 60-MT STERLING

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>72.75</b>	<b>.50</b>	<b>272.41</b>	<b>2.38</b>
<b>Animals</b>	2.79%	4.43%	7.30%	9.52%
600 Small Animal/Bird	2.24%	2.96%	1.51%	1.80%
601 Squirrel	0.55%	1.48%	5.80%	7.72%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	5.29%	7.88%	10.37%	11.64%
300 Material or Equipment Fault/Failure	1.64%	1.48%	9.38%	10.26%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	3.65%	6.40%	0.99%	1.38%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	84.94%	78.33%	66.97%	47.51%
400 Decay/Age of Material/Equipment	1.16%	1.97%	0.31%	0.42%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	4.68%	5.91%	2.21%	3.07%
430 Tree failure from overhang or dead tr	79.10%	70.44%	61.84%	41.59%
440 Trees With Ice/Snow			2.59%	2.43%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: REID VILLAGE

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	REID VILLAGE
Substation Location	
Circuit	124 Prewitt Pike
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	402
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	72.75	.50	272.41	2.38
<b>Maintenance</b>	84.94%	78.33%	66.97%	47.51%
490 Maintenance, Other				
<b>Other</b>	1.07%	1.48%	0.29%	0.32%
800 Other	1.07%	1.48%	0.29%	0.32%
801 Supervisor Review				
<b>Planned Outage</b>	2.91%	4.43%	11.12%	27.51%
100 Construction	2.78%	3.94%	3.50%	9.95%
110 Maintenance	0.13%	0.49%	7.62%	17.57%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	2.39%	1.38%
700 Customer-Caused			0.68%	0.42%
710 Motor Vehicle			1.71%	0.95%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0.38%	0.53%
999 Cause Unknown			0.38%	0.53%
<b>Weather</b>	3.01%	3.45%	1.18%	1.59%
500 Lightning	3.01%	3.45%	1.18%	1.59%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: REID VILLAGE

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	REID VILLAGE
Substation Location	
Circuit	124 Prewitt Pike
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	402
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>72.75</b>	<b>.50</b>	<b>272.41</b>	<b>2.38</b>
<b>Weather</b>	3.01%	3.45%	1.18%	1.59%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: SIDEVIEW

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation SIDEVIEW  
 Substation Location \_\_\_\_\_  
 Circuit 164 Donaldson  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 425  
 Date of last Trim \_\_\_\_\_

DONALDSON-PREWITT-GRASSY  
 CLARK CO. - OLSON RD-WINCHESTER  
 HERBICIDE 2015

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>393.90</b>	<b>2.55</b>	<b>1,026.57</b>	<b>8.22</b>
<b>Animals</b>	1.48%	3.32%	1.20%	2.15%
600 Small Animal/Bird	0.86%	1.85%	0.49%	0.84%
601 Squirrel	0.59%	1.39%	0.69%	1.28%
610 Large Animal				
611 Cattle Rubbing	0.04%	0.09%	0.02%	0.03%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	1.97%	4.62%	5.89%	9.38%
300 Material or Equipment Fault/Failure	0.59%	1.75%	5.07%	8.02%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	1.38%	2.86%	0.82%	1.37%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	86.97%	87.53%	63.99%	47.69%
400 Decay/Age of Material/Equipment	15.36%	38.97%	5.98%	12.26%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	10.76%	7.57%	7.17%	6.16%
430 Tree failure from overhang or dead tr	60.85%	41.00%	50.85%	29.28%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	164 Donaldson
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>393.90</b>	<b>2.55</b>	<b>1,026.57</b>	<b>8.22</b>
<b>Maintenance</b>	86.97%	87.53%	63.99%	47.69%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.38%	0.83%	3.31%	10.40%
100 Construction	0.38%	0.83%	2.03%	2.61%
110 Maintenance			1.28%	7.78%
190 Other Planned				
<b>Power Supply</b>	0%	0%	15.88%	23.76%
000 Power Supply			15.88%	23.76%
<b>Public</b>	7.78%	0.18%	3.85%	0.55%
700 Customer-Caused	7.78%	0.18%	3.47%	0.12%
710 Motor Vehicle			0.20%	0.23%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.18%	0.20%
<b>Unknown</b>	0.50%	1.20%	0.58%	0.87%
999 Cause Unknown	0.50%	1.20%	0.58%	0.87%
<b>Weather</b>	0.91%	2.31%	5.31%	5.20%
500 Lightning	0.91%	2.31%	4.11%	4.68%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	164 Donaldson
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	393.90	2.55	1,026.57	8.22
<b>Weather</b>	0.91%	2.31%	5.31%	5.20%
510 Wind, Not Trees			1.19%	0.52%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~SIDEVIEW~~ **SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation SIDEVIEW  
 Substation Location \_\_\_\_\_  
 Circuit 214 Plumlick-Bunker Hill  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 355  
 Date of last Trim \_\_\_\_\_

2013 HERBICIDE 2015  
 536  
 PLUMLUCK-BUNKER HILL  
 CLARK CO. OLSON RD.-WINCHESTER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>178.15</b>	<b>1.27</b>	<b>902.55</b>	<b>5.93</b>
<b>Animals</b>	9.27%	15.93%	4.15%	6.97%
600 Small Animal/Bird	4.47%	8.85%	2.95%	5.09%
601 Squirrel	0.95%	1.77%	0.31%	0.53%
610 Large Animal	1.30%	1.77%	0.26%	0.38%
611 Cattle Rubbing	0.40%	0.44%	0.12%	0.14%
612 Animal/Large Bird	2.15%	3.10%	0.48%	0.77%
620 Animal damage-gnawing or boring				
690 Animal, Other			0.02%	0.05%
<b>Equipment or Installation/Design</b>	1.44%	1.99%	0.91%	1.20%
300 Material or Equipment Fault/Failure	0.08%	0.44%	0.56%	0.77%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	1.36%	1.55%	0.29%	0.38%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design			0.05%	0.05%
<b>Maintenance</b>	68.04%	51.11%	76.29%	68.09%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm			0.04%	0.05%
420 Tree Growth	40.92%	24.12%	18.50%	19.41%
430 Tree failure from overhang or dead tr	26.26%	26.11%	57.53%	48.39%
440 Trees With Ice/Snow	0.87%	0.88%	0.22%	0.24%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	214 Plumlick-Bunker Hill
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	355
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>178.15</b>	<b>1.27</b>	<b>902.55</b>	<b>5.93</b>
<b>Maintenance</b>	68.04%	51.11%	76.29%	68.09%
490 Maintenance, Other				
<b>Other</b>	0.23%	0.22%	0.05%	0.05%
800 Other	0.23%	0.22%	0.05%	0.05%
801 Supervisor Review				
<b>Planned Outage</b>	8.06%	15.27%	3.47%	7.88%
100 Construction	7.06%	8.19%	2.99%	5.62%
110 Maintenance	1.00%	7.08%	0.48%	2.26%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0.34%	0.44%	1.26%	0.48%
700 Customer-Caused	0.34%	0.44%	0.98%	0.19%
710 Motor Vehicle			0.28%	0.29%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	7.71%	8.63%	5.49%	5.81%
999 Cause Unknown	7.71%	8.63%	5.49%	5.81%
<b>Weather</b>	4.91%	6.42%	8.39%	9.51%
500 Lightning	4.91%	6.42%	8.12%	9.18%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>SIDEVIEW</u>
Substation Location	_____
Circuit	<u>214 Plumlick-Bunker Hill</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>355</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>178.15</b>	<b>1.27</b>	<b>902.55</b>	<b>5.93</b>
<b>Weather</b>	4.91%	6.42%	8.39%	9.51%
510 Wind, Not Trees			0.10%	0.19%
520 Ice, Sleet, Frost, Not Trees			0.18%	0.14%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: SIDEVIEW

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation SIDEVIEW  
 Substation Location \_\_\_\_\_  
 Circuit 224 Judy  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 370  
 Date of last Trim \_\_\_\_\_

JDM FEED  
 128  
 HERBICIDE 2015  
 CLARK CO.-OLSON RD-WINCHESTER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>152.55</b>	<b>.96</b>	<b>627.04</b>	<b>3.23</b>
<b>Animals</b>	0.41%	0.56%	0.52%	0.76%
600 Small Animal/Bird	0.41%	0.56%	0.44%	0.67%
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing			0.08%	0.08%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	33.27%	10.82%
300 Material or Equipment Fault/Failure			33.27%	10.82%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	70.89%	65.25%	52.35%	48.32%
400 Decay/Age of Material/Equipment	0.25%	0.28%	0.96%	1.26%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	57.37%	55.65%	14.25%	17.03%
430 Tree failure from overhang or dead tr	13.27%	9.32%	37.14%	30.03%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	224 Judy
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	370
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 152.55	SAIFI .96	SAIDI 627.04	SAIFI 3.23
<b>Maintenance</b>		70.89%	65.25%	52.35%	48.32%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		14.88%	24.58%	7.05%	22.15%
100 Construction		13.37%	20.34%	5.99%	9.90%
110 Maintenance		1.48%	3.95%	1.05%	12.16%
190 Other Planned		0.03%	0.28%	0.01%	0.08%
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		3.27%	0.28%	3.68%	14.68%
700 Customer-Caused		3.27%	0.28%	0.80%	0.08%
710 Motor Vehicle				2.89%	14.60%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		0%	0%	0.04%	0.17%
999 Cause Unknown				0.04%	0.17%
<b>Weather</b>		10.55%	9.32%	3.10%	3.10%
500 Lightning		10.55%	9.32%	2.79%	3.02%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	_____
Circuit	224 Judy
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	370
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>152.55</b>	<b>.96</b>	<b>627.04</b>	<b>3.23</b>
<b>Weather</b>	10.55%	9.32%	3.10%	3.10%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.30%	0.08%
530 Flood				
590 Weather, Other				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	244 Judy
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Animals</b>	0%	0%	0%	0%
600 Small Animal/Bird				
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	0%	0%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	0%	0%	0%	0%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr				
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	244 Judy
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Maintenance</b>	0%	0%	0%	0%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0%	0%	0%	0%
100 Construction				
110 Maintenance				
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	0%	0%
700 Customer-Caused				
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0%	0%
999 Cause Unknown				
<b>Weather</b>	0%	0%	0%	0%
500 Lightning				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: SIDEVIEW**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	SIDEVIEW
Substation Location	
Circuit	244 Judy
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	0%	0%	0%	0%
<b>Weather</b>				
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation STANTON  
 Substation Location \_\_\_\_\_  
 Circuit 114 Maple St  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 425  
 Date of last Trim \_\_\_\_\_

MAPLE ST.  
 POWELL CO. -HALLS LN-STANTON

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>41.25</b>	<b>.56</b>	<b>328.13</b>	<b>2.68</b>
<b>Animals</b>	0%	0%	1.13%	2.99%
600 Small Animal/Bird			0.95%	2.46%
601 Squirrel			0.18%	0.53%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	15.14%	30.13%	13.91%	10.92%
300 Material or Equipment Fault/Failure	15.14%	30.13%	13.91%	10.92%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	21.41%	17.15%	17.72%	28.35%
400 Decay/Age of Material/Equipment	3.01%	6.69%	0.38%	1.41%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth			0.17%	0.26%
430 Tree failure from overhang or dead tr	18.39%	10.46%	17.14%	26.50%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	STANTON
Substation Location	
Circuit	114 Maple St
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>41.25</b>	<b>.56</b>	<b>328.13</b>	<b>2.68</b>
<b>Maintenance</b>	21.41%	17.15%	17.72%	28.35%
490 Maintenance, Other			0.02%	0.18%
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	63.46%	52.72%	13.52%	17.52%
100 Construction	41.55%	45.61%	10.59%	15.49%
110 Maintenance	21.90%	7.11%	2.93%	2.02%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	0.93%	0.62%
700 Customer-Caused			0.93%	0.62%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	1.28%	2.82%
999 Cause Unknown			1.28%	2.82%
<b>Weather</b>	0%	0%	51.53%	36.80%
500 Lightning			51.28%	36.71%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

---

Substation	STANTON
Substation Location	
Circuit	114 Maple St
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>41.25</b>	<b>.56</b>	<b>328.13</b>	<b>2.68</b>
<b>Weather</b>	0%	0%	51.53%	36.80%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.26%	0.09%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **STANTON**  
 1/1/2022 12:00:00 AM to 12/31/2021 11:59:59 PM

SPACER CABLE - MORRIS CREEK  
 POWELL CO. - HALLS LN - STANTON

Substation STANTON  
 Substation Location \_\_\_\_\_  
 Circuit 124 Morris Creek  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 729  
 Date of last Trim \_\_\_\_\_

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>311.56</b>	<b>2.79</b>	<b>853.60</b>	<b>8.49</b>
<b>Animals</b>	0.80%	2.16%	4.72%	11.97%
600 Small Animal/Bird	0.39%	0.98%	0.43%	0.91%
601 Squirrel	0.41%	1.18%	4.29%	11.06%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	2.14%	3.34%	22.53%	19.60%
300 Material or Equipment Fault/Failure	1.84%	2.65%	22.37%	19.32%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.31%	0.69%	0.16%	0.28%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	83.73%	75.32%	59.42%	52.89%
400 Decay/Age of Material/Equipment	53.32%	30.58%	20.02%	10.70%
410 Corrosion/Abrasion of Material/Equipm	0.01%	0.05%	0.00%	0.02%
420 Tree Growth	0.24%	0.29%	2.25%	4.50%
430 Tree failure from overhang or dead tr	25.58%	37.36%	35.46%	35.35%
440 Trees With Ice/Snow	4.58%	7.03%	1.68%	2.32%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>STANTON</u>
Substation Location	
Circuit	<u>124 Morris Creek</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>729</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>311.56</b>	<b>2.79</b>	<b>853.60</b>	<b>8.49</b>
<b>Maintenance</b>	83.73%	75.32%	59.42%	52.89%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	2.82%	10.52%	4.84%	9.39%
100 Construction	2.08%	4.57%	3.64%	4.73%
110 Maintenance	0.71%	5.90%	1.19%	4.64%
190 Other Planned	0.03%	0.05%	0.01%	0.02%
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	4.62%	0.49%	5.41%	2.40%
700 Customer-Caused	4.43%	0.05%	3.67%	0.13%
710 Motor Vehicle	0.19%	0.44%	0.23%	0.36%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			1.51%	1.92%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0.47%	0.84%	0.65%	0.81%
999 Cause Unknown	0.47%	0.84%	0.65%	0.81%
<b>Weather</b>	5.43%	7.33%	2.43%	2.94%
500 Lightning	5.43%	7.33%	2.36%	2.91%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	STANTON
Substation Location	
Circuit	124 Morris Creek
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	729
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>311.56</b>	<b>2.79</b>	<b>853.60</b>	<b>8.49</b>
<b>Weather</b>	5.43%	7.33%	2.43%	2.94%
510 Wind, Not Trees			0.04%	0.02%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			0.04%	0.02%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	STANTON
Substation Location	
Circuit	144 Downtown
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	506
Date of last Trim	

POWELL CO.-HALLS LN-STANTON  
DOWNTOWN

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>39.06</b>	<b>.57</b>	<b>176.62</b>	<b>2.59</b>
<b>Animals</b>	17.46%	40.21%	13.33%	26.13%
600 Small Animal/Bird	17.46%	40.21%	3.88%	8.81%
601 Squirrel			9.46%	17.32%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	13.95%	10.14%	8.89%	5.90%
300 Material or Equipment Fault/Failure	7.11%	3.85%	7.38%	4.52%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	6.83%	6.29%	1.52%	1.38%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	18.29%	12.24%	59.73%	51.80%
400 Decay/Age of Material/Equipment			1.37%	1.07%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth			0.16%	0.08%
430 Tree failure from overhang or dead tr	4.01%	6.29%	55.03%	49.35%
440 Trees With Ice/Snow	14.28%	5.94%	3.17%	1.30%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>STANTON</u>
Substation Location	<u></u>
Circuit	<u>144 Downtown</u>
Circuit Location	<u></u>
Total Circuit Length (miles)	<u></u>
Average Member Count	<u>506</u>
Date of last Trim	<u></u>

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	39.06	.57	176.62	2.59
<b>Maintenance</b>	18.29%	12.24%	59.73%	51.80%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	30.62%	18.88%	12.57%	10.50%
100 Construction	22.95%	11.19%	7.27%	4.67%
110 Maintenance	7.67%	7.69%	5.30%	5.82%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	3.95%	5.24%	0.97%	1.30%
700 Customer-Caused				
710 Motor Vehicle			0.10%	0.15%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	3.95%	5.24%	0.88%	1.15%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0.62%	1.15%
999 Cause Unknown			0.62%	1.15%
<b>Weather</b>	15.75%	13.29%	3.88%	3.22%
500 Lightning	0.88%	0.35%	0.42%	0.23%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>STANTON</u>
Substation Location	_____
Circuit	<u>144 Downtown</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>506</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>39.06</b>	<b>.57</b>	<b>176.62</b>	<b>2.59</b>
<b>Weather</b>				
510 Wind, Not Trees	15.75%	13.29%	3.88%	3.22%
520 Ice, Sleet, Frost, Not Trees	14.87%	12.94%	3.46%	2.99%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~STANTON~~ STANTON  
 1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

HATTON CREEK-FURNACE  
 POWELL CO-HALLS LN-STANTON

Substation STANTON  
 Substation Location \_\_\_\_\_  
 Circuit 154 Hatton Crk-Furnance  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 543  
 Date of last Trim \_\_\_\_\_

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>150.48</b>	<b>1.71</b>	<b>851.30</b>	<b>7.74</b>
<b>Animals</b>	1.25%	2.05%	1.28%	1.81%
600 Small Animal/Bird			0.05%	0.07%
601 Squirrel	1.25%	2.05%	1.23%	1.74%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	8.94%	14.58%	6.14%	9.03%
300 Material or Equipment Fault/Failure	5.64%	7.56%	5.32%	6.91%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	3.30%	7.02%	0.82%	2.12%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	76.89%	70.41%	48.49%	56.75%
400 Decay/Age of Material/Equipment	0.60%	0.54%	10.39%	14.65%
410 Corrosion/Abrasion of Material/Equipm			0.06%	0.19%
420 Tree Growth	2.29%	2.05%	0.52%	0.62%
430 Tree failure from overhang or dead tr	63.35%	56.91%	34.08%	35.60%
440 Trees With Ice/Snow	8.98%	5.18%	3.14%	4.43%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	1.66%	5.72%	0.29%	1.26%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>STANTON</u>
Substation Location	
Circuit	<u>154 Hatton Crk-Furnance</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>543</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>150.48</b>	<b>1.71</b>	<b>851.30</b>	<b>7.74</b>
<b>Maintenance</b>	76.89%	70.41%	48.49%	56.75%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	4.43%	5.62%	29.41%	23.87%
100 Construction	3.64%	3.67%	26.42%	14.70%
110 Maintenance	0.78%	1.94%	2.46%	7.05%
190 Other Planned			0.53%	2.12%
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	1.56%	0.76%	0.90%	0.55%
700 Customer-Caused	1.21%	0.32%	0.22%	0.10%
710 Motor Vehicle	0.35%	0.43%	0.61%	0.36%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.06%	0.07%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.01%	0.02%
<b>Unknown</b>	4.88%	4.43%	2.31%	2.60%
999 Cause Unknown	4.88%	4.43%	2.31%	2.60%
<b>Weather</b>	2.06%	2.16%	11.47%	5.38%
500 Lightning	2.06%	2.16%	1.14%	1.38%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: STANTON**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	STANTON
Substation Location	
Circuit	154 Hatton Crk-Furnance
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	543
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	150.48	1.71	851.30	7.74
<b>Weather</b>	2.06%	2.16%	11.47%	5.38%
510 Wind, Not Trees			0.02%	0.02%
520 Ice, Sleet, Frost, Not Trees			9.37%	2.55%
530 Flood			0.18%	1.24%
590 Weather, Other			0.76%	0.19%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	
Circuit	214 Madison Village
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	467
Date of last Trim	

MADISON VILLAGE  
MADISON CO. - THREE FORKS RD-RICHMOND

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>211.98</b>	<b>2.35</b>	<b>980.36</b>	<b>9.25</b>
<b>Animals</b>	0.67%	0.91%	10.45%	12.62%
600 Small Animal/Bird	0.49%	0.46%	8.09%	11.02%
601 Squirrel	0.18%	0.46%	2.35%	1.60%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	42.41%	43.17%	10.23%	11.97%
300 Material or Equipment Fault/Failure	42.07%	42.90%	10.07%	11.81%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.34%	0.27%	0.15%	0.16%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	20.29%	5.37%	68.83%	58.92%
400 Decay/Age of Material/Equipment			15.93%	11.07%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.10%	0.09%	11.41%	12.28%
430 Tree failure from overhang or dead tr	20.19%	5.28%	41.24%	35.53%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture			0.24%	0.05%
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	
Circuit	214 Madison Village
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	467
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 211.98	SAIFI 2.35	SAIDI 980.36	SAIFI 9.25
<b>Maintenance</b>		20.29%	5.37%	68.83%	58.92%
490 Maintenance, Other					
<b>Other</b>		0.07%	0.18%	0.01%	0.05%
800 Other		0.07%	0.18%	0.01%	0.05%
801 Supervisor Review					
<b>Planned Outage</b>		3.13%	3.64%	2.47%	3.39%
100 Construction		0.75%	1.09%	1.57%	2.07%
110 Maintenance		2.38%	2.55%	0.90%	1.33%
190 Other Planned					
<b>Power Supply</b>		27.83%	42.53%	6.04%	10.86%
000 Power Supply		27.83%	42.53%	6.04%	10.86%
<b>Public</b>		0.12%	0.18%	0.03%	0.05%
700 Customer-Caused		0.12%	0.18%	0.03%	0.05%
710 Motor Vehicle					
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		2.86%	2.46%	0.87%	0.98%
999 Cause Unknown		2.86%	2.46%	0.87%	0.98%
<b>Weather</b>		2.62%	1.55%	1.08%	1.16%
500 Lightning		2.62%	1.55%	1.08%	1.16%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

---

Substation	<u>THREE FORKS</u>
Substation Location	_____
Circuit	<u>214 Madison Village</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>467</u>
Date of last Trim	_____

---

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>211.98</b>	<b>2.35</b>	<b>980.36</b>	<b>9.25</b>
<b>Weather</b>	2.62%	1.55%	1.08%	1.16%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation THREE FORKS  
 Substation Location \_\_\_\_\_  
 Circuit 224 Ford  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 332  
 Date of last Trim \_\_\_\_\_

FORD  
 15216  
 MAIRSON CO.-THREE FORKS RD.-RICHMOND

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>593.97</b>	<b>2.57</b>	<b>1,173.84</b>	<b>7.26</b>
<b>Animals</b>	2.55%	6.80%	2.79%	4.33%
600 Small Animal/Bird	1.13%	2.58%	1.37%	1.87%
601 Squirrel	1.35%	4.10%	1.26%	2.29%
610 Large Animal				
611 Cattle Rubbing	0.08%	0.12%	0.16%	0.17%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0.30%	0.59%	13.30%	24.52%
300 Material or Equipment Fault/Failure	0.04%	0.12%	12.99%	23.90%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	0.26%	0.47%	0.31%	0.62%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	3.08%	5.04%	12.33%	12.28%
400 Decay/Age of Material/Equipment	0.24%	0.23%	0.43%	0.54%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	1.12%	1.88%	3.10%	2.96%
430 Tree failure from overhang or dead tr	1.72%	2.93%	8.80%	8.78%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	
Circuit	224 Ford
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	332
Date of last Trim	

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 593.97	SAIFI 2.57	SAIDI 1,173.84	SAIFI 7.26
<b>Maintenance</b>		3.08%	5.04%	12.33%	12.28%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		0.93%	3.40%	3.80%	5.12%
100 Construction		0.92%	3.17%	3.50%	4.20%
110 Maintenance		0.01%	0.23%	0.30%	0.92%
190 Other Planned					
<b>Power Supply</b>		30.07%	39.04%	15.26%	13.86%
000 Power Supply		30.07%	39.04%	15.26%	13.86%
<b>Public</b>		61.21%	39.74%	31.87%	15.36%
700 Customer-Caused		13.98%	0.70%	7.12%	0.29%
710 Motor Vehicle		47.23%	39.04%	24.56%	14.95%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other				0.19%	0.12%
<b>Unknown</b>		1.64%	4.92%	9.08%	9.74%
999 Cause Unknown		1.64%	4.92%	9.08%	9.74%
<b>Weather</b>		0.22%	0.47%	11.58%	14.78%
500 Lightning		0.22%	0.47%	6.20%	8.95%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: THREE FORKS

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	
Circuit	224 Ford
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	332
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>593.97</b>	<b>2.57</b>	<b>1,173.84</b>	<b>7.26</b>
<b>Weather</b>	0.22%	0.47%	11.58%	14.78%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			4.87%	5.79%
530 Flood				
590 Weather, Other			0.51%	0.04%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation THREE FORKS  
 Substation Location \_\_\_\_\_  
 Circuit 234 Three Forks-Pineur Rd  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 152  
 Date of last Trim \_\_\_\_\_

MADISON CO.-THREE FORKS RD-RICHMOND  
 PINEUR DR  
 4587  
 018

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>263.14</b>	<b>2.16</b>	<b>634.79</b>	<b>4.85</b>
<b>Animals</b>	2.39%	2.74%	11.03%	14.62%
600 Small Animal/Bird	2.39%	2.74%	3.25%	4.37%
601 Squirrel			7.78%	10.25%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	6.63%	4.88%	19.46%	15.16%
300 Material or Equipment Fault/Failure	4.47%	2.74%	18.56%	14.21%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	2.16%	2.13%	0.90%	0.96%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	63.43%	39.94%	52.50%	41.53%
400 Decay/Age of Material/Equipment	2.05%	2.74%	0.85%	1.23%
410 Corrosion/Abrasion of Material/Equipm			21.42%	16.12%
420 Tree Growth			0.35%	0.41%
430 Tree failure from overhang or dead tr	61.38%	37.20%	29.87%	23.77%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: THREE FORKS**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	_____
Circuit	234 Three Forks-Pineur Rd
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	152
Date of last Trim	_____

	Total Minutes/Frequency	Totals		5 Year Average	
		SAIDI 263.14	SAIFI 2.16	SAIDI 634.79	SAIFI 4.85
<b>Maintenance</b>		63.43%	39.94%	52.50%	41.53%
490 Maintenance, Other					
<b>Other</b>		0%	0%	0%	0%
800 Other					
801 Supervisor Review					
<b>Planned Outage</b>		22.42%	46.34%	9.82%	22.54%
100 Construction		22.42%	46.34%	9.56%	21.72%
110 Maintenance				0.25%	0.82%
190 Other Planned					
<b>Power Supply</b>		0%	0%	0%	0%
000 Power Supply					
<b>Public</b>		0%	0%	1.84%	0.27%
700 Customer-Caused				1.78%	0.14%
710 Motor Vehicle				0.07%	0.14%
720 Aircraft					
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
<b>Unknown</b>		1.90%	3.35%	2.53%	3.83%
999 Cause Unknown		1.90%	3.35%	2.53%	3.83%
<b>Weather</b>		3.24%	2.74%	2.82%	2.05%
500 Lightning		3.24%	2.74%	1.71%	1.64%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

### Substation: THREE FORKS

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	THREE FORKS
Substation Location	
Circuit	234 Three Forks-Pineur Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	152
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	263.14	2.16	634.79	4.85
<b>Weather</b>	3.24%	2.74%	2.82%	2.05%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			1.11%	0.41%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation	<u>TRAPP</u>	33853	TRAPP GOFFS CORNER	CLARK CO. - TRAPP - GOFFS CORNER RD. TRAPP
Substation Location				
Circuit	<u>114 Trapp Goffs Corner R</u>			
Circuit Location				
Total Circuit Length (miles)				
Average Member Count	<u>218</u>			
Date of last Trim				

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>326.89</b>	<b>2.29</b>	<b>1,111.00</b>	<b>7.12</b>
<b>Animals</b>	1.88%	3.41%	1.03%	2.29%
600 Small Animal/Bird	1.54%	2.61%	0.52%	0.98%
601 Squirrel	0.34%	0.80%	0.51%	1.31%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	10.02%	10.82%	10.67%	12.15%
300 Material or Equipment Fault/Failure	10.02%	10.82%	10.48%	11.95%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.19%	0.20%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	61.62%	68.74%	68.33%	62.90%
400 Decay/Age of Material/Equipment	1.01%	1.20%	2.73%	4.90%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.72%	1.80%	1.45%	1.63%
430 Tree failure from overhang or dead tr	59.89%	65.73%	64.15%	56.37%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	114 Trapp Goffs Corner Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	218
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>326.89</b>	<b>2.29</b>	<b>1,111.00</b>	<b>7.12</b>
<b>Maintenance</b>	61.62%	68.74%	68.33%	62.90%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.58%	1.00%	1.76%	3.33%
100 Construction	0.50%	0.40%	1.53%	2.22%
110 Maintenance	0.08%	0.60%	0.21%	1.05%
190 Other Planned			0.01%	0.07%
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	15.33%	3.01%	4.87%	1.76%
700 Customer-Caused	14.09%	0.60%	4.20%	0.20%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree	1.25%	2.40%	0.37%	0.78%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.30%	0.78%
<b>Unknown</b>	10.56%	13.03%	11.71%	15.48%
999 Cause Unknown	10.56%	13.03%	11.71%	15.48%
<b>Weather</b>	0%	0%	1.64%	2.09%
500 Lightning			1.64%	2.09%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	114 Trapp Goffs Corner Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	218
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	326.89	2.29	1,111.00	7.12
<b>Weather</b>	0%	0%	1.64%	2.09%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59 PM

Substation TRAPP  
 Substation Location \_\_\_\_\_  
 Circuit 124 Red River Rd  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 243  
 Date of last Trim \_\_\_\_\_

RED RIVER  
 CLARK CO. - GOFFS CORNER RD. - WINCHESTER  
 #01935  
 CUTTING 2023

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>372.50</b>	<b>2.52</b>	<b>1,545.52</b>	<b>9.32</b>
<b>Animals</b>	4.77%	1.47%	2.68%	2.86%
600 Small Animal/Bird			1.22%	1.83%
601 Squirrel	4.77%	1.47%	1.43%	0.94%
610 Large Animal				
611 Cattle Rubbing			0.03%	0.09%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	4.00%	4.08%	1.10%	1.25%
300 Material or Equipment Fault/Failure	4.00%	4.08%	1.07%	1.21%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.03%	0.04%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	82.47%	77.45%	66.93%	66.32%
400 Decay/Age of Material/Equipment	0.28%	0.16%	2.98%	0.72%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	1.09%	0.65%	6.59%	5.14%
430 Tree failure from overhang or dead tr	59.15%	36.76%	52.01%	49.55%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	21.95%	39.87%	5.36%	10.91%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	124 Red River Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	243
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>372.50</b>	<b>2.52</b>	<b>1,545.52</b>	<b>9.32</b>
<b>Maintenance</b>	82.47%	77.45%	66.93%	66.32%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.97%	2.29%	0.63%	2.06%
100 Construction	0.42%	0.82%	0.39%	0.94%
110 Maintenance	0.55%	1.47%	0.25%	1.12%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0.34%	0.82%	5.96%	3.35%
700 Customer-Caused	0.02%	0.16%	2.81%	0.18%
710 Motor Vehicle	0.16%	0.16%	0.07%	0.13%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	0.16%	0.49%	2.42%	2.95%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.66%	0.09%
<b>Unknown</b>	6.34%	12.09%	15.30%	18.69%
999 Cause Unknown	6.34%	12.09%	15.30%	18.69%
<b>Weather</b>	1.10%	1.80%	7.38%	5.46%
500 Lightning	1.10%	1.80%	7.38%	5.46%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	124 Red River Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	243
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	372.50	2.52	1,545.52	9.32
<b>Weather</b>	1.10%	1.80%	7.38%	5.46%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **TRAPP**

1/1/2022 12:00:00 AM to 12/31/2023 11:59:59 PM

LOG LICK FEED  
 CLARK CO-GOFFS CORNER - TRAPP  
 2013 CUTTING 2023 HERBICIDE 2013

Substation	<u>TRAPP</u>
Substation Location	
Circuit	<u>134 Log Lick Rd</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>343</u>
Date of last Trim	

Total Minutes/Frequency	Total		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	<b>114.02</b>	<b>1.71</b>	<b>425.94</b>	<b>2.36</b>
<b>Animals</b>	3.43%	6.53%	2.51%	6.88%
600 Small Animal/Bird	0.43%	1.22%	0.39%	1.13%
601 Squirrel	3.00%	5.31%	2.12%	5.75%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	10.01%	10.61%	3.58%	4.63%
300 Material or Equipment Fault/Failure	10.01%	10.61%	3.46%	4.38%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.13%	0.25%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	42.70%	32.65%	42.37%	36.25%
400 Decay/Age of Material/Equipment	0.90%	1.22%	0.30%	0.50%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth			0.37%	0.75%
430 Tree failure from overhang or dead tr	40.76%	29.39%	41.42%	34.38%
440 Trees With Ice/Snow	1.04%	2.04%	0.28%	0.63%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	134 Log Lick Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	343
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>114.02</b>	<b>.71</b>	<b>425.94</b>	<b>2.36</b>
<b>Maintenance</b>	42.70%	32.65%	42.37%	36.25%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.55%	16.33%	3.36%	12.13%
100 Construction	2.48%	5.71%	2.53%	6.38%
110 Maintenance	1.07%	10.61%	0.84%	5.75%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	34.66%	15.92%	13.18%	8.13%
700 Customer-Caused	0.13%	0.82%	0.03%	0.25%
710 Motor Vehicle	33.77%	14.29%	12.83%	7.38%
720 Aircraft				
730 Fire				
740 Public Cuts Tree	0.76%	0.82%	0.20%	0.25%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			0.11%	0.25%
<b>Unknown</b>	3.89%	15.51%	8.48%	18.38%
999 Cause Unknown	3.89%	15.51%	8.48%	18.38%
<b>Weather</b>	1.76%	2.45%	26.52%	13.63%
500 Lightning	1.76%	2.45%	15.14%	10%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TRAPP**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TRAPP
Substation Location	
Circuit	134 Log Lick Rd
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	343
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	114.02	.71	425.94	2.36
<b>Weather</b>	1.76%	2.45%	26.52%	13.63%
510 Wind, Not Trees			9.36%	2.63%
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other			2.01%	1%

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~TREEHAVEN~~ **JENMAR**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation TREEHAVEN  
 Substation Location \_\_\_\_\_  
 Circuit 104 Jenmar  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 74  
 Date of last Trim \_\_\_\_\_

CLARK CO.-ROCKWELL RD-WINCHESTER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>28.70</b>	<b>.20</b>	<b>139.26</b>	<b>1.79</b>
<b>Animals</b>	15.54%	40%	14.12%	24.43%
600 Small Animal/Bird				
601 Squirrel	15.54%	40%	14.12%	24.43%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	14.00%	20.61%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			14.00%	20.61%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	18.13%	6.67%	15.16%	12.98%
400 Decay/Age of Material/Equipment	18.13%	6.67%	5.11%	2.29%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr			10.05%	10.69%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TREEHAVEN
Substation Location	
Circuit	104 Jenmar
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	74
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>28.70</b>	<b>.20</b>	<b>139.26</b>	<b>1.79</b>
<b>Maintenance</b>	18.13%	6.67%	15.16%	12.98%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	66.34%	53.33%	47.36%	31.30%
100 Construction			30.57%	10.69%
110 Maintenance	66.34%	53.33%	16.79%	20.61%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	0%	0%
700 Customer-Caused				
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0%	0%
999 Cause Unknown				
<b>Weather</b>	0%	0%	9.36%	10.69%
500 Lightning			9.36%	10.69%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TREEHAVEN
Substation Location	
Circuit	104 Jenmar
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	74
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	28.70	.20	139.26	1.79
<b>Weather</b>	0%	0%	9.36%	10.69%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation TREEHAVEN  
 Substation Location \_\_\_\_\_  
 Circuit 114 Southern States  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 8  
 Date of last Trim \_\_\_\_\_

CLARK CO. - ROCKWELL RD - WINCHESTER  
 SOUTHERN STATES

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>25.00</b>	<b>.25</b>	<b>47.50</b>	<b>.50</b>
<b>Animals</b>	0%	0%	24.47%	25%
600 Small Animal/Bird				
601 Squirrel			24.47%	25%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	0%	0%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	88%	50%	46.32%	25%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr	88%	50%	46.32%	25%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	<u>TREEHAVEN</u>
Substation Location	
Circuit	<u>114 Southern States</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>8</u>
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>25.00</b>	<b>.25</b>	<b>47.50</b>	<b>.50</b>
<b>Maintenance</b>	88%	50%	46.32%	25%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	12%	50%	6.32%	25%
100 Construction				
110 Maintenance	12%	50%	6.32%	25%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	22.89%	25%
700 Customer-Caused				
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree			22.89%	25%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0%	0%
999 Cause Unknown				
<b>Weather</b>	0%	0%	0%	0%
500 Lightning				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TREEHAVEN
Substation Location	
Circuit	114 Southern States
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>8</u>
Date of last Trim	

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	25.00	.25	47.50	.50
<b>Weather</b>	0%	0%	0%	0%

- 510 Wind, Not Trees
- 520 Ice, Sleet, Frost, Not Trees
- 530 Flood
- 590 Weather, Other

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~TREEHAVEN~~ ~~0124~~ ~~TREEHAVEN~~

1/1/2022 12:00:00 AM to 12/31/2023 11:59 PM

CLARK CO. - ROCKWELL RD. WINCHESTER

Substation TREEHAVEN  
 Substation Location \_\_\_\_\_  
 Circuit 134 Treehaven  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 95  
 Date of last Trim \_\_\_\_\_

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>141.64</b>	<b>1.48</b>	<b>262.70</b>	<b>2.76</b>
<b>Animals</b>	65.90%	65.25%	52.96%	49.42%
600 Small Animal/Bird	42.60%	41.84%	23.46%	22.96%
601 Squirrel	23.30%	23.40%	28.57%	24.90%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird			0.93%	1.56%
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	8.90%	11.28%
300 Material or Equipment Fault/Failure				
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			8.90%	11.28%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	0%	0%	0%	0%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth				
430 Tree failure from overhang or dead tr				
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	TREEHAVEN
Substation Location	
Circuit	134 Treehaven
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	95
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	141.64	1.48	262.70	2.76
<b>Maintenance</b>	0%	0%	0%	0%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	12.83%	6.38%	10.83%	11.28%
100 Construction	12.31%	4.96%	10.28%	8.56%
110 Maintenance	0.52%	1.42%	0.56%	2.72%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	0%	0%
700 Customer-Caused				
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	1.40%	4.96%	16.36%	15.18%
999 Cause Unknown	1.40%	4.96%	16.36%	15.18%
<b>Weather</b>	19.86%	23.40%	10.94%	12.84%
500 Lightning	19.86%	23.40%	10.94%	12.84%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: TREEHAVEN**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

---

Substation	<u>TREEHAVEN</u>
Substation Location	_____
Circuit	<u>134 Treehaven</u>
Circuit Location	_____
Total Circuit Length (miles)	_____
Average Member Count	<u>95</u>
Date of last Trim	_____

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>141.64</b>	<b>1.48</b>	<b>262.70</b>	<b>2.76</b>
<b>Weather</b>	19.86%	23.40%	10.94%	12.84%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	214 Hampton Rdg-Four Mile
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	549
Date of last Trim	

HAMPTON RIDGE-FOUR MILE  
 MADISON CO.-UNION CITY RD-RICHMOND

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	77.52	.55	195.31	2.23
<b>Animals</b>	0%	0%	0.22%	0.27%
600 Small Animal/Bird			0.22%	0.27%
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	27.52%	33.33%	12.11%	9.13%
300 Material or Equipment Fault/Failure	3.63%	3.33%	1.82%	1.15%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload	23.89%	30.00%	10.29%	7.98%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	67.32%	50%	49.17%	59.75%
400 Decay/Age of Material/Equipment			18.79%	45.83%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth			1.39%	0.62%
430 Tree failure from overhang or dead tr	67.32%	50%	28.99%	13.30%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	214 Hampton Rdg-Four Mile
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	549
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	<b>77.52</b>	<b>.55</b>	<b>195.31</b>	<b>2.23</b>
<b>Maintenance</b>	67.32%	50%	49.17%	59.75%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	.0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	4.67%	16.00%	8.11%	18.79%
100 Construction	4.62%	15.00%	7.12%	16.76%
110 Maintenance	0.05%	1.00%	0.99%	2.04%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	1.79%	1.06%
700 Customer-Caused			0.33%	0.09%
710 Motor Vehicle				
720 Aircraft				
730 Fire			0.27%	0.27%
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other			1.19%	0.71%
<b>Unknown</b>	0.48%	0.67%	26.06%	9.57%
999 Cause Unknown	0.48%	0.67%	26.06%	9.57%
<b>Weather</b>	0%	0%	2.54%	1.42%
500 Lightning			0.11%	0.18%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	214 Hampton Rdg-Four Mile
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	549
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	77.52	.55	195.31	2.23

Weather	0%	0%	2.54%	1.42%
510 Wind, Not Trees			0.63%	0.35%
520 Ice, Sleet, Frost, Not Trees			1.80%	0.89%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	224 Hackett Pk-Hampton Rdg
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	538
Date of last Trim	

811  
 41795  
 HACKETT PIKE-HAMPTON RIDGE  
 MADISON CO.-UNION CITY RD-RICHMOND

	Totals		5 Year Average		
	Total Minutes/Frequency	SAIDI 260.92	SAIFI 1.67	SAIDI 653.15	SAIFI 4.52
<b>Animals</b>		1.41%	2.90%	3.11%	3.72%
600 Small Animal/Bird				0.04%	0.04%
601 Squirrel		0.65%	1.56%	0.40%	0.87%
610 Large Animal				0.25%	0.33%
611 Cattle Rubbing		0.76%	1.34%	1.42%	1.49%
612 Animal/Large Bird				1.00%	0.99%
620 Animal damage-gnawing or boring					
690 Animal, Other					
<b>Equipment or Installation/Design</b>		12.50%	13.25%	30.96%	27.47%
300 Material or Equipment Fault/Failure		12.50%	13.25%	30.72%	27.22%
310 Installation Fault					
320 Conductor Sag or Inadequate Clearance					
340 Overload				0.24%	0.25%
350 Miscoordination of Protection Devices					
360 Other Equipment Installation/Design					
<b>Maintenance</b>		78.03%	62.03%	34.24%	27.96%
400 Decay/Age of Material/Equipment				0.41%	0.58%
410 Corrosion/Abrasion of Material/Equipm					
420 Tree Growth		1.19%	2.34%	1.63%	2.77%
430 Tree failure from overhang or dead tr		76.83%	59.69%	32.19%	24.62%
440 Trees With Ice/Snow					
450 Contamination (leakage/external)					
460 Moisture					
470 Borrower crew cuts tree					

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	224 Hacket Pk-Hampton Rdg
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	538
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>260.92</b>	<b>1.67</b>	<b>653.15</b>	<b>4.52</b>
<b>Maintenance</b>	78.03%	62.03%	34.24%	27.96%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	0.39%	1.22%	1.31%	3.02%
100 Construction	0.34%	1.00%	0.92%	1.82%
110 Maintenance	0.05%	0.22%	0.38%	1.12%
190 Other Planned			0.02%	0.08%
<b>Power Supply</b>	2.27%	13.14%	0.91%	4.87%
000 Power Supply	2.27%	13.14%	0.91%	4.87%
<b>Public</b>	0%	0%	20.81%	22.35%
700 Customer-Caused			8.10%	0.21%
710 Motor Vehicle			12.49%	21.60%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.22%	0.54%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	4.85%	6.01%	4.09%	4.79%
999 Cause Unknown	4.85%	6.01%	4.09%	4.79%
<b>Weather</b>	0.55%	1.45%	4.56%	5.82%
500 Lightning	0.55%	1.45%	4.56%	5.82%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	224 Hackett Pk-Hampton Rdg
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	538
Date of last Trim	

Total Minutes/Frequency	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
	260.92	1.67	653.15	4.52
<b>Weather</b>	0.55%	1.45%	4.56%	5.82%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: ~~UNION CITY~~ **UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation UNION CITY  
 Substation Location \_\_\_\_\_  
 Circuit 234 Doylesville  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 433  
 Date of last Trim \_\_\_\_\_

DOYLESVILLE  
MADISON CO.-UNION CITY RD-RICHMOND

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>821.50</b>	<b>3.81</b>	<b>1,284.20</b>	<b>7.53</b>
<b>Animals</b>	1.41%	8.31%	1.63%	5.36%
600 Small Animal/Bird	0.08%	0.12%	0.25%	0.28%
601 Squirrel	1.33%	8.19%	1.20%	4.87%
610 Large Animal				
611 Cattle Rubbing			0.17%	0.21%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	24.73%	32.58%	19.72%	20.14%
300 Material or Equipment Fault/Failure	24.45%	32.40%	19.49%	19.93%
310 Installation Fault	0.28%	0.18%	0.18%	0.09%
320 Conductor Sag or Inadequate Clearance				
340 Overload			0.06%	0.12%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	52.37%	28.16%	56.83%	37.09%
400 Decay/Age of Material/Equipment			0.63%	0.64%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	0.24%	0.18%	0.80%	1.20%
430 Tree failure from overhang or dead tr	52.13%	27.97%	55.40%	35.25%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	234 <u>Doylesville</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	433
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	821.50	3.81	1,284.20	7.53
<b>Maintenance</b>	52.37%	28.16%	56.83%	37.09%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	1.71%	3.28%	5.82%	16.31%
100 Construction	0.98%	2.43%	2.38%	6.25%
110 Maintenance	0.73%	0.85%	3.43%	10.06%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	1.41%	0.12%	1.03%	0.28%
700 Customer-Caused	1.41%	0.12%	0.90%	0.06%
710 Motor Vehicle			0.09%	0.15%
720 Aircraft				
730 Fire				
740 Public Cuts Tree			0.04%	0.06%
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	18.05%	26.88%	12.27%	14.93%
999 Cause Unknown	18.05%	26.88%	12.27%	14.93%
<b>Weather</b>	0.32%	0.67%	2.70%	5.89%
500 Lightning	0.32%	0.67%	1.79%	2.42%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	234 Doylesville
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	433
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>821.50</b>	<b>3.81</b>	<b>1,284.20</b>	<b>7.53</b>
<b>Weather</b>	0.32%	0.67%	2.70%	5.89%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.81%	3.37%
530 Flood				
590 Weather, Other			0.10%	0.09%



### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: UNION CITY

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation UNION CITY  
 Substation Location \_\_\_\_\_  
 Circuit 244 Dunbar  
 Circuit Location \_\_\_\_\_  
 Total Circuit Length (miles) \_\_\_\_\_  
 Average Member Count 304  
 Date of last Trim \_\_\_\_\_

DUNBAR  
17050  
MADISON CO.-UNION CITY RD.-RICHMOND

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>87.38</b>	<b>2.32</b>	<b>286.26</b>	<b>4.88</b>
<b>Animals</b>	0%	0%	2.73%	1.35%
600 Small Animal/Bird			2.13%	1.08%
601 Squirrel			0.60%	0.27%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	14.80%	6.23%	26.88%	12.84%
300 Material or Equipment Fault/Failure	12.50%	5.67%	26.18%	12.57%
310 Installation Fault	2.30%	0.57%	0.71%	0.27%
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	60.52%	46.88%	47.51%	52.91%
400 Decay/Age of Material/Equipment			0.54%	0.20%
410 Corrosion/Abrasion of Material/Equipm	0.37%	0.14%	0.11%	0.07%
420 Tree Growth	12.36%	3.40%	23.77%	9.59%
430 Tree failure from overhang or dead tr	47.80%	43.34%	20.76%	23.58%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree			2.32%	19.46%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	244 Dunbar
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	304
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>87.38</b>	<b>2.32</b>	<b>286.26</b>	<b>4.88</b>
<b>Maintenance</b>	60.52%	46.88%	47.51%	52.91%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	20.68%	45.47%	9.03%	25.20%
100 Construction	2.01%	0.99%	1.57%	1.35%
110 Maintenance	18.68%	44.48%	7.46%	23.85%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	2.69%	0.71%	2.31%	1.35%
700 Customer-Caused			0.23%	0.07%
710 Motor Vehicle	2.69%	0.71%	2.08%	1.28%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	2.94%	1.76%
999 Cause Unknown			2.94%	1.76%
<b>Weather</b>	1.30%	0.71%	8.59%	4.59%
500 Lightning	1.30%	0.71%	8.00%	4.32%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: UNION CITY**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	UNION CITY
Substation Location	
Circuit	244 Dunbar
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	304
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>87.38</b>	<b>2.32</b>	<b>286.26</b>	<b>4.88</b>
<b>Weather</b>	1.30%	0.71%	8.59%	4.59%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.60%	0.27%
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **VAN METER**

1/1/2022 12:00:00 AM to 12/31/2022 12:59:59 PM

Substation	<u>VAN METER</u>
Substation Location	
Circuit	<u>104 Rockwell</u>
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>64</u>
Date of last Trim	

0654  
 10/15/2016  
 ROCKWELL RD  
 CLARK CO.-VAN METER RD-WINCHESTER

	Totals		5 Year Average	
Total Minutes/Frequency	SAIDI	SAIFI	SAIDI	SAIFI
	707.38	3.38	1,157.05	5.70
<b>Animals</b>	0%	0%	3.02%	9.32%
600 Small Animal/Bird			2.55%	7.95%
601 Squirrel			0.47%	1.37%
610 Large Animal				
611 Cattle Rubbing				
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	0.51%	0.55%
300 Material or Equipment Fault/Failure			0.51%	0.55%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload				
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	96.50%	93.06%	84.70%	73.97%
400 Decay/Age of Material/Equipment			1.04%	1.10%
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth	16.12%	29.63%	10.01%	17.81%
430 Tree failure from overhang or dead tr	42.13%	33.33%	48.27%	36.99%
440 Trees With Ice/Snow	38.25%	30.09%	25.38%	18.08%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: VAN METER**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	VAN METER
Substation Location	
Circuit	104 Rockwell
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	64
Date of last Trim	

	Totals	5 Year Average		
		SAIDI	SAIFI	SAIDI
<b>Total Minutes/Frequency</b>	<b>707.38</b>	<b>3.38</b>	<b>1,157.05</b>	<b>5.70</b>
<b>Maintenance</b>	96.50%	93.06%	84.70%	73.97%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	3.15%	5.09%	9.44%	10.14%
100 Construction	3.15%	5.09%	3.66%	6.03%
110 Maintenance			5.78%	4.11%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	1.52%	3.56%
700 Customer-Caused				
710 Motor Vehicle			1.52%	3.56%
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	0%	0%	0.30%	1.10%
999 Cause Unknown			0.30%	1.10%
<b>Weather</b>	0.35%	1.85%	0.50%	1.37%
500 Lightning	0.35%	1.85%	0.50%	1.37%

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: VAN METER**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	VAN METER
Substation Location	
Circuit	104 Rockwell
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	64
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>707.38</b>	<b>3.38</b>	<b>1,157.05</b>	<b>5.70</b>
<b>Weather</b>	0.35%	1.85%	0.50%	1.37%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				

### PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

Substation: **VAN METER**

1/1/2022 12:00:00 AM to 12/30/2022 11:59:59 PM

Substation	VAN METER
Substation Location	
Circuit	134 Van Meter Rd-Single
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	54
Date of last Trim	

CLARK CO.-VAN METER RD.-WINCHESTER  
SINGLE PHASE FEEDING VAN METER

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>88.48</b>	<b>.93</b>	<b>440.33</b>	<b>2.89</b>
<b>Animals</b>	2.80%	6%	4.00%	10.26%
600 Small Animal/Bird	2.80%	6%	3.27%	8.97%
601 Squirrel				
610 Large Animal				
611 Cattle Rubbing			0.73%	1.28%
612 Animal/Large Bird				
620 Animal damage-gnawing or boring				
690 Animal, Other				
<b>Equipment or Installation/Design</b>	0%	0%	6.31%	8.33%
300 Material or Equipment Fault/Failure			0.46%	0.64%
310 Installation Fault				
320 Conductor Sag or Inadequate Clearance				
340 Overload			5.85%	7.69%
350 Miscoordination of Protection Devices				
360 Other Equipment Installation/Design				
<b>Maintenance</b>	12.64%	12%	11.52%	14.10%
400 Decay/Age of Material/Equipment				
410 Corrosion/Abrasion of Material/Equipm				
420 Tree Growth			8.98%	10.26%
430 Tree failure from overhang or dead tr	12.64%	12%	2.54%	3.85%
440 Trees With Ice/Snow				
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree				

## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: VAN METER**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	VAN METER
Substation Location	
Circuit	134 Van Meter Rd-Single
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	54
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>88.48</b>	<b>.93</b>	<b>440.33</b>	<b>2.89</b>
<b>Maintenance</b>	12.64%	12%	11.52%	14.10%
490 Maintenance, Other				
<b>Other</b>	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
<b>Planned Outage</b>	10.55%	18%	4.20%	23.08%
100 Construction	4.40%	6%	2.67%	15.38%
110 Maintenance	6.15%	12%	1.52%	7.69%
190 Other Planned				
<b>Power Supply</b>	0%	0%	0%	0%
000 Power Supply				
<b>Public</b>	0%	0%	48.40%	0.64%
700 Customer-Caused			48.40%	0.64%
710 Motor Vehicle				
720 Aircraft				
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
<b>Unknown</b>	32.75%	38%	7.03%	12.82%
999 Cause Unknown	32.75%	38%	7.03%	12.82%
<b>Weather</b>	41.25%	26%	18.53%	30.77%
500 Lightning	41.25%	26%	18.53%	30.77%



## PSC Report

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages

**Substation: VAN METER**

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM

Substation	VAN METER
Substation Location	
Circuit	134 Van Meter Rd-Single
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	54
Date of last Trim	

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
<b>Total Minutes/Frequency</b>	<b>88.48</b>	<b>.93</b>	<b>440.33</b>	<b>2.89</b>
<b>Weather</b>	41.25%	26%	18.53%	30.77%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees				
530 Flood				
590 Weather, Other				