KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME REPORT PREPARED BY E-MAIL ADDRESS OF PREPARER PHONE NUMBER OF PREPARER Clark Energy Cooperative
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859-901-9203

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT

2022

SECTION 3: MAJOR EVENT DAYS (MED)

 $${\rm T_{MED}}$$ FIRST DATE USED TO DETERMINE ${\rm T_{MED}}$ LAST DATE USED TO DETERMINE ${\rm T_{MED}}$ NUMBER OF MED IN REPORT YEAR

12.36 1/1/2017 12/31/2021 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'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

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

Substation: BLEVINS VALLEY

Substation Substation Location	BLEVINS VALLEY Bath County Blevins Valley Road
Circuit	124 Hwy 36
Circuit Location	Hwy 36 41.951
Total Circuit Length (miles)	
Average Member Count	429 2018 Spray 2020 and 2022
Date of last Trim	2016 Spray 2020 and 2022

	Tot	als	5 Year	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	356.54	1.99	1,429.18	9.00
Animals	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				ı
690 Animal, Other				•
Equipment or Installation/Design	1.55%	4.69%	1.15%	1.928
300 Material or Equipment Fault/Failure	0.19%	0.35%	0.62%	0.69%
310 Installation Fault				1
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%
Maintenance	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%	1.048	0.72%
450 Contamination (leakage/external)				
460 Moisture				
470 Borrower crew cuts tree	•			

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

Substation: BLEVINS VALLEY

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 1	Average	
	SAIDI	SAIFI		SAIDI	SAIFI	
Total Minutes/Frequency	356.54	1.99		1,429.18	9.00	
Maintenance	78.92%	75.62%		85.89%	84.35%	
490 Maintenance, Other						
Other	0%	0 응		0%	0 용	
800 Other						
801 Supervisor Review						
Planned Outage	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						
Power Supply	0%	0응		08	0%	
000 Power Supply						
Public	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		e.				
760 Switching error or caused by construc						
790 Public, Other						
Unknown	1.70%	3.75%		0.63%	1.15%	
999 Cause Unknown	1.70%	3.75%	٠	0.63%	1.15%	
Weather	0응	08		5.40%	1.51%	•
500 Lightning				0.06%	0.15%	
		-				

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

Substation: BLEVINS VALLEY

BLEVINS VALLEY	
124 Hwy 36	
·	
429	
	124 Hwy 36

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

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

	1/1/2022 12:00 BOWEN	ubstation	: BOWEN I	Т . 5.Q59 рм			
Substation	BOWEN	1:00 AM CO J	S 2022	m			
Substation Location	<u> </u>		P +	F			
Circuit	114 Natural E	Bridge	7AY	_ 0			
Circuit Location			~ Z	. T			
Total Circuit Length (miles)			2019 7U				
Average Member Count	452		ŲR/ 9-2	≺			
Date of last Trim							
		·	15 NATURAL BRIDG	CO. HWY 11-15 CAMP			
		Tột	als $\bar{\mathbb{Q}}$	C _A	5 Year A	verage	
		SAIDI	SAIFI ^M	≦ D	SAIDI	SAIFI	
Total Minut	es/Frequency	540.63	2.83 🖁	Ť O N	1,994.56	9.08	
Animals		9.84%	36.02%	Z	3.37%	13.76%	
600 Small Animal/Bird		0.10%	0.23%	RD.	0.09%	0.25%	
601 Squirrel		9.73%	35.79%		3.27%	13.46%	
610 Large Animal		·					
611 Cattle Rubbing							
612 Animal/Large Bird		ļ			0.01%	0.05%	
620 Animal damage-gnawing or	boring	ı					
690 Animal, Other							
Equipment or Installation/Design		1.63%	3.92%		1.20%	2.70%	
300 Material or Equipment Fa	ult/Failure	0.98%	2.58%		0.92%	1.93%	
310 Installation Fault		1					
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		0.66%	1.33%		0.28%	0.77%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design	50 540					
Maintenance		73.01%	48.24%		76.92%	61.28%	
400 Decay/Age of Material/Eq	_				0.38%	1.36%	
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm	0 450	0.000		0.05%	0.10%	
	1- 1-1	0.47%	3.60%		0.30%	1.61%	
430 Tree failure from overham 440 Trees With Ice/Snow	ng or dead tr	32.75%	33.59%		65.23%	54.73%	
· · · · · · · · · · · · · · · · · · ·		39.79%	11.04%		10.96%	3.49%	
450 Contamination (leakage/e: 460 Moisture	xcernal)						
470 Borrower crew cuts tree							

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

Substation: BOWEN

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
Total Minutes/Frequency	540.63	2.83	1,994.56	9.08
Maintenance	73.01%	48.24%	76.92%	61.28%
490 Maintenance, Other				
Other	0%	0%	O %	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	0 용	08	0%	0%
000 Power Supply				
Public	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		ζ		
760 Switching error or caused by construc				
790 Public, Other				
Unknown	0.14%	0.39%	1.54%	3.98%
999 Cause Unknown	0.14%	0.39%	1.54%	3.98%
Weather	0.08%	0.31%	9.28%	6.36%
500 Lightning	0.08%	0.31%	2.16%	4.28%

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		

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	540.63	2.83	1,994.56	9.08
Weather	0.08왕	0.31%	9.28%	6.36%
510 Wind, Not Trees			0.06%	0.15%
520 Ice, Sleet, Frost, Not Trees			0.008	0.15%
530 Flood			5.25%	1 1 C O
590 Weather, Other			3.236	1.16%
Jyu weather, Other			1.82%	0.77%

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

	S 1/1/2022 12:00	ubstation:	~ -10	7 .50 59 pm			
Substation	BOWEN	.00 AM CO 1		m			
Substation Location			CR 2 SPF	_Ë			
Circuit	124 Cow Creek	. 	PRAY:	co.			
Circuit Location		- -	<u> </u>				
Total Circuit Length (miles)			2019-21	_⋚	*		
Average Member Count	76		9-2	₹			
Date of last Trim				HWY 11-15			
			_	15 0			
			als	¥	5 Year A	_	
	•—	SAIDI	SAIFI	₽	SAIDI	SAIFI	
Total Minute	es/Frequency	915.21	3.83	CAMPTON	2,491.88	15.62	
Animals		3.51%	16.15%	Z 71	1.36%	3.90%	
600 Small Animal/Bird	•	2 - 40	d c	R _D	4 0.00	2 000	
601 Squirrel		3.51%	16.15%		1.36%	3.90%	
610 Large Animal							
611 Cattle Rubbing							
612 Animal/Large Bird	In						
620 Animal damage-gnawing or 690 Animal, Other	porrug						
Equipment or Installation/Design		0.08%	0.34%		0 500	0.20%	
300 Material or Equipment Fau		0.006	0.346		0.50% 0.47%	0.39% 0.31%	
310 Installation Fault	IC/rallule				0.476	0.315	
320 Conductor Sag or Inadequa	te Clearance				•		
340 Overload	ce crearance	0.08%	0.34%		0.03%	0.08%	
350 Miscoordination of Protec	tion Devices	Ų.008	0.540		0.05%	0.00%	
360 Other Equipment Installat	-						
Maintenance	2011, 2001911	35.14%	30.24%		58.74%	59.09%	
400 Decay/Age of Material/Equ	ipment				0.44%	0.08%	
410 Corrosion/Abrasion of Mat							
420 Tree Growth					0.98%	1.25%	
430 Tree failure from overhan	g 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/ex	ternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: BOWEN

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

	Tot	als	5 Year 2	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	915.21	3.83	2,491.88	15.62
aintenance	35.14%	30.24%	58.74%	59.09%
490 Maintenance, Other				
ther	08	0%	0%	08
800 Other				
801 Supervisor Review				
lanned Outage	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				
ower Supply	0%	0%	0.8	0%
000 Power Supply				
ublic	41.848	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				
nknown	4.01%	15.46%	6.07%	17.88%
999 Cause Unknown	4.01%	15.46%	6.07%	17.88%
eather	14.38%	20.96%	17.33%	12.02%
500 Lightning	9.43%	13.75%	4.37%	4.29%

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	

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

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

	1/1/2022 12:00	Substation:	BOWER H	POV	.		
Substation	BOWEN	0:00 AM to 1		111			
Substation Location	DOWER		5- CAN SPRAY	F			
Circuit	134 Bowen	·	CANE RAY 2	- c			
Circuit Location	<u> </u>		N - III	I			
Total Circuit Length (miles)			E CR	- ş			
Average Member Count	425	-	CREE	- 3			
Date of last Trim			<u> </u>	HWY 11-15			
		Tot	als	5 CAMPTON	5 Year A	verage	
		SAIDI	SAIFI	1P	SAIDI	SAIFI	
Total Minus	tes/Frequency	340.38	2.81	ġ	1,002.58	7.58	
Animals		7.72%	36.29%	RD	3.06%	14.75%	
600 Small Animal/Bird		0.10%	0.25%	O	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							
Equipment or Installation/Desi	gn	6.12%	8.36%		6.57%	6.01%	
300 Material or Equipment Fa	ult/Failure	3.15%	5.94%		5.56%	5.10%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		2.97%	2.42%		1.01%	0.90%	
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa	tion/Design						
Maintenance		70.32%	51.59%		59.23%	49.46%	
400 Decay/Age of Material/Eq	uipment				0.26%	0.56%	
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm						
- ·· -		2.74%	2.51%		2.22%	2.18%	
430 Tree failure from overha 440 Trees With Ice/Snow	ng or dead tr	28.49%	21.49%		38.90%	35.89%	
450 Contamination (leakage/e		39.09%	27.59%		17.85%	10.83%	
460 Moisture	xcernal)						
470 Borrower crew cuts tree							
1.0 DOLLOWCE CLEW CUES FIEE							

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

Substation: BOWEN

	1/1/2022 12:00:00 An to 12/31/2022 11:39:39 FM
Substation	BOWEN
Substation Location	
Circuit	134 Bowen
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	425
Date of last Trim	

	Tot	als	5 Year .	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	340.38	2.81	1,002.58	7.58	
Maintenance	70.32%	51.59%	59.23%	49.46%	
490 Maintenance, Other			03,200	19.100	
Other	0용	0%	0%	0.8	
800 Other				0.0	•
801 Supervisor Review					
Planned Outage	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			0.00	3.33%	
Power Supply	0%	0%	0%	0용	
000 Power Supply		0 0	0.9	Us	
Public	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	7120	0.000	3.078	4.338	
730 Fire					
740 Public Cuts Tree			2 028	0.050	
750 Vandalism			2.02%	2.05%	
760 Switching error or caused by construc					
790 Public, Other					
Unknown	0.19%	0.42%	C 110	F 000	
999 Cause Unknown	0.19%	0.428	6.148	5.82%	
Weather	2.88%		6.14%	5.82%	
500 Lightning		0.33%	13.62%	13.10%	
Jy	0.16%	0.17%	5.76%	7.16%	

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

Substation: BOWEN

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

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	340.38	2.81	1,002.58	7.58
Weather	2.88%	0.33%	13.62%	13.10%
510 Wind, Not Trees	2.72%	0.17%	1.00%	0.09%
520 Ice, Sleet, Frost, Not Trees				
530 Flood			5.98%	4.48%
590 Weather, Other	•		0.88%	1.37%

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

	Sub 1/1/2022 12:00	station: C	LAY CIJI ¥	. 5.Q.59 PM			
Substation	CLAY CITY	O.OO AM CO I	27.072.08 7 82				
Substation Location			2	Æ F			
Circuit	114 Hwy 89 Si	now Creek	AND	_			
Circuit Location		·	S				
Total Circuit Length (miles)			NO	_ <u>_ </u>			
Average Member Count	478	-		- SHIPPS			
Date of last Trim			SNOW CR				
			Ê	BRANCH			
		Tot	als 🛱	Ź	5 Year A	verage	
		SAIDI	SAIFI	유	SAIDI	SAIFI	
Total Minut	tes/Frequency	221.28	. 97		810.07	7.68	
Animals		1.91%	9.48%	CLAY	1.32%	2.76%	
600 Small Animal/Bird				~	0.37%	0.74%	
601 Squirrel		1.91%	9.48%	CITY	0.95%	2.02%	
610 Large Animal			-	~			
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other							
Equipment or Installation/Desi		1.51%	3.23%		21.37%	15.13%	
300 Material or Equipment Fa	ult/Failure	0.72%	1.08%		20.82%	14.34%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		0.79%	2.16%		0.55%	0.79%	
350 Miscoordination of Prote	·						
360 Other Equipment Installa	tion/Design						
Maintenance		88.57%	75.86%		66.61%	70.07%	
400 Decay/Age of Material/Eq					0.14%	0.11%	
410 Corrosion/Abrasion of Ma	terial/Equipm	0 0 0 0					
420 Tree Growth	1 1 1	0.27%	0.43%		0.28%	0.22%	
430 Tree failure from overha 440 Trees With Ice/Snow	ng or dead tr	88.12%	75%		66.14%	69.69%	
	***	0.18%	0.43%		0.05%	0.05%	
450 Contamination (leakage/e 460 Moisture	xrerugi)						
470 Borrower crew cuts tree							
TIO DOLLOWER CLEW CHIS FLEE							

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

Substation: CLAY CITY

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	

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	221.28	. 97	810.07	7.68
Maintenance	88.57%	75.86%	66.61%	70.07%
490 Maintenance, Other				
Other	0.22%	0.22%	0.06%	0.03%
800 Other	0.22%	0.22%	0.06%	0.03%
801 Supervisor Review				
Planned Outage	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				
Power Supply	0용	0%	. 0웅	0%
000 Power Supply				
Public	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			•	•
Unknown	0.35%	1.72%	0.89%	1.18%
999 Cause Unknown	0.35%	1.72%	0.89%	1.18%
Weather	0.36%	0.22%	3.71%	2.65%
500 Lightning		•	2.22%	2.11%

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

Substation: CLAY CITY

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	
Weather	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%	0.198	

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

-	Crah	etation: C	יים אל אורי אר די על אורי	70			
	1/1/2022 12:00	station: C	2/20/20/20 12				
Substation	CLAY CITY	7.00 AM CO I	2787202 CT				
Substation Location	o F						
Circuit	134 Black Cre	eek-Beechfo	ork m				
Circuit Location	<u> </u>	3011 2000112)-S			
Total Circuit Length (miles)			w w	CO-SHIPPS			
Average Member Count	712		П	— <u>V</u>			
Date of last Trim	<u>·</u>						
				BRANCH-CL			
		Tot	FORK	Ź	5 Year 1	Average	
		SAIDI	SAIFI	¥	SAIDI	SAIFI	
Total Minut	tes/Frequency	172.54	2.26	은	454.69	5.30	
Animals		0.91%	1.43%	7	2.82%	4.67%	
600 Small Animal/Bird		0.15%	0.43%	CITY	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							
Equipment or Installation/Design		0.05%	0.06%		15.59%	24.14%	
300 Material or Equipment Fa	ult/Failure			-	14.88%	22.52%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		0.05%	0.06%		0.71%	1.62%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		75.82%	93.11%		57.25%	52.83%	
400 Decay/Age of Material/Eg	-				0.40%	0.35%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth	_	0.87%	0.37%		2.47%	1.62%	
430 Tree failure from overha	ng or dead tr	8.57%	4.28%		29.09%	12.93%	
440 Trees With Ice/Snow	7.	58.87%	44.42%		22.40%	19.02%	
450 Contamination (leakage/e	xternal)						
460 Moisture		.					
470 Borrower crew cuts tree		7.51%	44.04%		2.89%	18.91%	

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

Substation: CLAY CITY

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

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	172.54	2.26	454.69	5.30
Maintenance	75.82%	93.11%	57.25%	52.83%
490 Maintenance, Other				
Other	0용	0%	0.03%	0.08%
800 Other			0.03%	0.08%
801 Supervisor Review				
Planned Outage	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				
Power Supply	0.8	08	0%	0%
000 Power Supply				
Public	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				
Unknown	0.50%	0.56%	3.19%	4.65%
999 Cause Unknown	0.50%	0.56%	3.19%	4.65%
Weather	0.41%	0.19%	0.63%	0.66%
500 Lightning	0.41%	0.19%	0.47%	0.53%

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	
Total Minutes/Frequency	172.54	2.26	454.69	5.30	
Weather	0.41%	0.19%	0.63%	0.66%	
510 Wind, Not Trees					
520 Ice, Sleet, Frost, Not Trees					
530 Flood					
590 Weather, Other			0.16%	0.13%	

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

	1/1/2022 12:00	estation: C	CLAY CPT\ 2/\$4/20	PO : 59 X 59 PM			
Substation	CLAY CITY						
Substation Location							
Circuit	144 Millwork-	-SPCAB-Bot	tom 🔓	_			
Circuit Location							
Total Circuit Length (miles)			<u> </u>	_			
Average Member Count	449		B	SHIPPS			
Date of last Trim							
			als S	BRANCH			
		Tot	als Š	Ž	5 Year A	verage	
		SAIDI	SAIFI	Ϋ́	SĀIDI	SAIFI	
Total Minut	es/Frequency	17.09	.23	<u> </u>	80.08	.92	
Animals		0%	0 왕	СГАХ СІТХ	5.03%	9.90%	
600 Small Animal/Bird				Ω	1.46%	2.48%	
601 Squirrel				₹	3.57%	7.43%	
610 Large Animal							
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other							
Equipment or Installation/Design		4.38%	2.88%		4.09%	3.71%	
300 Material or Equipment Fa	ult/Failure	4.38%	2.88%		3.77%	3.47%	
310 Installation Fault	. ~3						
320 Conductor Sag or Inadequ 340 Overload	ate Clearance						
350 Miscoordination of Prote	ation Davi				0.32%	0.25%	
360 Other Equipment Installa Maintenance	cion/Design	62 220	F 6 F 6 6				
400 Decay/Age of Material/Eq	uinmon+	63.33%	56.73%		43.15%	35.64%	
410 Corrosion/Abrasion of Ma					4.64%	3.96%	
420 Tree Growth	cerrar/Edarbu	2.28%	0.96%		0.000	0 500	
430 Tree failure from overha	ng or doad tr	2.205 54.958	0.96% 30.77%		2.82%	2.72%	
440 Trees With Ice/Snow	ing or acad tr	フォ・ラフで	30.118		34.35%	22.52%	
450 Contamination (leakage/e.	xternal)						
460 Moisture	·						
470 Borrower crew cuts tree		6.10%	25%		1.34%	6.44%	

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

Substation: CLAY CITY

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

	Tot	als	5 Year 1	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	17.09	. 23	80.08	. 92	
Maintenance	63.33%	56.73%	43.15%	35.64%	
490 Maintenance, Other			•		
Other	0%	0%	08	0%	
800 Other					·
801 Supervisor Review					
Planned Outage	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			0 0 7 0 0	20.000	
Power Supply	0%	. 0%	0%	08	
000 Power Supply		• 0	V U	0.0	
Public	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			2.510	2.200	
730 Fire					
740 Public Cuts Tree					
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					
Unknown	0%	0%	0.59%	0.74%	
999 Cause Unknown		V 0 ,	0.59%	0.74%	
Weather	0%	0%	10.66%		
500 Lightning	∪ -ō,	O 70		3.22%	
2			6.50%	0.99%	

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 A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	17.09	.23	80.08	. 92
Weather 510 Wind, Not Trees	0%	0%	10.66%	3.22%
520 Ice, Sleet, Frost, Not Trees 530 Flood			0.11%	0.74%
590 Weather, Other			4.06%	1.49%

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

Excluding M	Major Event Day Outag				y Outages		
	Sub	station: F	RENCHBORE	<u>S</u> M			
	1/1/2022 12:00	0:00 AM to 1	2/31/2022 1	:59 4 59 PM			
Substation	FRENCHBURG		460 W	m m			
Substation Location				− C O			
Circuit	114 Hwy 460 I	West	WEST	9			
Circuit Location				— W — W			
Total Circuit Length (miles)			9-2	_			
Average Member Count	<u>465</u>		13	36\			
Date of last Trim				≥			
				36W FRANCHBU			
		Tot	als	Ž	5 Year A	lverage	
		SAIDI	SAIFI	도	SAIDI	SAIFI	
Total Minut	ces/Frequency	179.03	2.19	B	676.31	6.00	
Animals		0.68%	1.77%	RG	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							
Equipment or Installation/Desi		0 응	0 응		1.67%	2.02%	
300 Material or Equipment Fa	ult/Failure				1.31%	1.51%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.36%	0.50%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		59.36%	66.54%		65.28%	70.03%	
400 Decay/Age of Material/Eq							
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		0.83%	1.37%		0.22%	0.50%	
430 Tree failure from overha	ng 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/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: FRENCHBURG

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

	Tot	als	5 Year 2	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	179.03	2.19	676.31	6.00
Maintenance	59.36%	66.54%	65.28%	70.03%
490 Maintenance, Other			77727	
Other	0 응	0%	0%	08
800 Other			0 0	
801 Supervisor Review				
Planned Outage	39.75%	31.01%	16.41%	19.67%
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%
Power Supply	0%	0용	0%	08
000 Power Supply		0 0	0.6	US
Public	0.02%	0.10%	14.21%	4.65%
700 Customer-Caused	0.02%	0.10%	3.21%	0.18%
710 Motor Vehicle	0.020	0.100	11.00%	0.108 4.478
720 Aircraft			11.00%	4.4/6
730 Fire				
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
Unknown	0.18%	0.59%	0.200	4 040
999 Cause Unknown	0.18%		0.38%	1.01%
Weather		0.59%	0.38%	1.01%
500 Lightning	0%	0왕	1.71%	1.80%
ovo argitting			0.59%	1.04%

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 A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	179.03	2.19	676.31	6.00	
Weather	0 응	0%	1.71%	1.80%	
510 Wind, Not Trees			0.98%	0.72%	
520 Ice, Sleet, Frost, Not Trees				****	
530 Flood					
590 Weather, Other			0.13%	0.04%	

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

Substation: GRAYSON METER PT 1/1/2022 12:00:00 AM to 12/34 /2022 ₹:59 ₹9 PM Substation GRAYSON METER PT <u>.</u> . Substation Location Circuit Grayson Mtr PT **HWY 801- MOREHEAD** Circuit Location Total Circuit Length (miles) 12 Average Member Count Date of last Trim Totals 5 Year Average SAIDI SAIFI SAIDI SAIFI Total Minutes/Frequency 1,778.83 8.67 16.69 3,096.54 Animals 08 0 용 () 응 N 용 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 Equipment or Installation/Design 08 () 왕 0응 () 왕 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 Maintenance 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% 12.448 440 Trees With Ice/Snow 12.85% 1.84% 450 Contamination (leakage/external) 460 Moisture

470 Borrower crew cuts tree

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

Substation: GRAYSON METER PT

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

	Totals		5 Year A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	1,778.83	8.67	3,096.54	16.69
Maintenance	41.31%	26.92%	43.98%	27.19%
490 Maintenance, Other				
Other	0%	0 응	0%	08
800 Other				
801 Supervisor Review				
Planned Outage	2.29%	7.69%	1.21%	3.69%
100 Construction				
110 Maintenance	2.29%	7.69%	1.21%	3.69%
190 Other Planned				
Power Supply	54.87%	62.50%	53.99%	67.74%
000 Power Supply	54.87%	62.50%	53.99%	67.74%
Public	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				
Unknown	08	0%	0%	0%
999 Cause Unknown				
Weather	08	0%	0%	0%
500 Lightning				

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

Substation: GRAYSON METER PT

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

	Totals		5 Year Average
	SAIDI	SAIFI	SAIDI SAIFI
Total Minutes/Frequence	y 1,778.83	8.67	3,096.54 16.69
Weather	0%	0%	0% 0%

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

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

Substation: HARDWICKS

	1/1/2022 12:00	:00 AM to 1:	2/3 1 /202201	59 1√1 9 PM			
Substation	HARDWICKS CRE	TEK	P	F			
Substation Location	114 Little Ha			- CO.			
Circuit	114 Little Ha	ardwicks Cı	<u> </u>	.0			
Circuit Location	<u></u> .		<u> </u>	SPOUT			
Total Circuit Length (miles)			`	_ 즉			
Average Member Count	<u>418</u>		CREEK AND LI				
Date of last Trim				P			
			als HARD SAIFI RD 1.06 W	Ž			
		Tot	als Ţ	S	5 Year A	_	
		SAIDI	SAIFI A	<u>.</u>	SAIDI	SAIFI	
Total Minut	es/Frequency	131.49		SPRINGS-CLAY CITY	724.00	4.41	
Animals		6.31%	14.61 ह	Ô	2.84%	8.42%	
600 Small Animal/Bird		1.29%	3.37 n	ラ	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							
Equipment or Installation/Desi	-	31.79%	17.53%		6.10%	4.83%	
300 Material or Equipment Fa	ult/Failure	31.79%	17.53%		6.10%	4.83%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		53.24%	47.19%		31.81%	36.66%	
400 Decay/Age of Material/Ed		0.75%	1.35%		2.80%	2.12%	
410 Corrosion/Abrasion of Ma	terial/Equipm				2 2 4 2	0.060	
420 Tree Growth		1.22%	1.35%		2.048	2.06%	
430 Tree failure from overha	ing 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/e	external)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: HARDWICKS CREEK

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
Total Minutes/Frequency	131.49	1.06	724.00	4.41
Maintenance	53.24%	47.19%	31.81%	36.66%
490 Maintenance, Other				
Other	0%	0%	0.06%	0.22%
800 Other			0.06%	0.22%
801 Supervisor Review				
Planned Outage	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				
Power Supply	0 응	08	0%	0%
000 Power Supply				
Public	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				
Unknown	0.36%	0.90%	0.87%	2.55%
999 Cause Unknown	0.36%	0.90%	0.87%	2.55%
Weather	0.08%	0.22%	2.52%	2.28%
500 Lightning	0.08%	0.22%	0.98%	1.47%

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

Substation: HARDWICKS CREEK

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

	Tot	als	5 Year A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	131.49	1.06	724.00	4.41
Weather	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%

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

Substation: HARDWICKS CREEKO

	1/1/2022 12:00	0:00 AM to 1	2/3 <mark>1</mark> /202 8 7 :	59 № 9 PM			
Substation	HARDWICKS CRI		PRAY:	F			
Substation Location	******			– <u>C</u>			
Circuit	124 Hardwicks	s Crk to Pl	$\langle M \rangle \sim 0$				
Circuit Location			CREEK	SPOUT			
Total Circuit Length (miles)				_ <-			
Average Member Count	<u>41</u>		7				
Date of last Trim				- ži			
				Ž			
		Tot	als	SPRINGS	5 Year A	verage	
		SAIDI	SAIFI	RD-	SAIDI	SAIFI	
Total Minut	es/Frequency	159.20	.51	Ψ	393.15	3.88	
Animals		3.88%	38.10%	CLAY	1.57%	5.03%	
600 Small Animal/Bird		0.32%	4.76%	₹	0.13%	0.63%	
601 Squirrel		3.55%	33.33%	СПТ	1.44%	4.40%	
610 Large Animal				≺			
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other		•					
Equipment or Installation/Desi		0%	0%		0%	0%	
300 Material or Equipment Fa	ult/Failure						
310 Installation Fault	_						
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design	77 570	00 100		F0 040	00 000	
Maintenance		77.57%	38.10%		59.81%	38.99%	
400 Decay/Age of Material/Eq	· <u> </u>						
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm						
	mar on dead to	71 500	0 500			25 222	
430 Tree failure from overha 440 Trees With Ice/Snow	ng or dead tr	71.50% 6.07%	9.52%		57.35%	35.22%	
450 Contamination (leakage/e		b.U/8	28.57%		2.46%	3.77%	
450 Concamination (leakage/e	xcerllar)						
470 Moisture 470 Borrower crew cuts tree		·					
alo porrower crew curs ruee							

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

Substation: HARDWICKS CREEK

Substation	HARDWICKS CREEK	e.
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 <i>1</i>	Average	e	
	SAIDI	SAIFI	SAIDI	SAIFI		
Total Minutes/Frequency	159.20	.51	393.15	3.88		
Maintenance	77.57%	38.10%	59.81%	38.99%		
490 Maintenance, Other						
Other	0%	0%	0%	08		
800 Other						
801 Supervisor Review				•		
Planned Outage	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						
Power Supply	0응	0용	0%	0용		
000 Power Supply						
Public	0응	0용	0%	0 응		
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						
Unknown	0.61%	4.76%	0.25%	0.63%		
999 Cause Unknown	0.61%	4.76%	0.25%	0.63%		
Weather	17.14%	14.29%	20.91%	29.56%		
500 Lightning						

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

Substation: HARDWICKS CREEK

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	

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

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

Substation: HARDWECKS TEEKT 1/1/2022 12:00:00 AM to 12/8 /20 2 1:5 15 59 PM Substation HARDWICKS CREEK CO. -SPOUT SPRINGS HWY 2001-CLAY CITY Substation Location 134 Happy Top Rd Hwy 201 H Circuit Circuit Location Total Circuit Length (miles) 200 Ē Average Member Count 151 Date of last Trim Totals 5 Year Average SAIDI SAIFI SAIDI SAIFI Total Minutes/Frequency 413.50 3.23 867.35 5.90 Animals 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 Equipment or Installation/Design 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 Maintenance 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% 0.118 450 Contamination (leakage/external) 460 Moisture 470 Borrower crew cuts tree

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

Substation: HARDWICKS CREEK

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

	Totals		5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	413.50	3.23	867.35	5.90	
Maintenance	62.96%	47.23%	68.40%	64.85%	
490 Maintenance, Other					
Other	08	0용	0%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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					
Power Supply	0응	0응	0%	0%	
000 Power Supply					
Public	0 응	0 응	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					
Unknown	7.82%	13.55%	3.78%	7.51%	
999 Cause Unknown	7.82%	13.55%	3.78%	7.51%	
Weather	0.98%	0.21%	3.10%	1.82%	
500 Lightning	0.98%	0.21%	2.03%	1.48%	

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

Substation: HARDWICKS CREEK

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

	Totals		5 Year A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	413.50	3.23	867.35	5.90
Weather	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%

-	Sub 1/1/2022 12:00	station: F	IIGH R	PO		
	1/1/2022 12:00	:00 AM to 1	2/3 1 /202 3 🚹 :	:59 ≨ 59 PM		
Substation	HIGH ROCK		T C	F		
Substation Location			T Š	_ C O		
Circuit	104 Highrock		HERB	_		
Circuit Location			•	S		
Total Circuit Length (miles)		,	<u>C</u>	-SOUTH		
Average Member Count	<u> 165</u>		Ш	로		
Date of last Trim			20	_ 판		
			19	FORK -BOWE		
		Tot	al §	∽	5 Year A	verage
		SAIDI	SĀ IFI	õ	SAIDI	SAIFI
Total Minut	es/Frequency	946.44	& .81		3,024.07	14.39
Animals		0.40%	1 1.64%	Z	0.72%	2.46%
600 Small Animal/Bird					0.02%	0.04%
601 Squirrel		0.40%	1.64%		0.71%	2.42%
610 Large Animal						
611 Cattle Rubbing						
612 Animal/Large Bird						
620 Animal damage-gnawing or	boring					
690 Animal, Other						
Equipment or Installation/Desi		0%	0%		1.29%	1.54%
300 Material or Equipment Fa	ult/Failure				1.17%	1.41%
310 Installation Fault					•	
320 Conductor Sag or Inadequ	ate Clearance		~_			
340 Overload					0.12%	0.13%
350 Miscoordination of Prote						
360 Other Equipment Installa	tion/Design					
Maintenance		97.07%	93.32%		79.88%	78.57%
400 Decay/Age of Material/Eq					0.11%	0.22%
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm	6 700	11 100			
	mar are de d	6.72%	11.10%		2.25%	4.00%
430 Tree failure from overha 440 Trees With Ice/Snow	ng or dead tr	50.94%	64.198		53.67%	63.62%
		39.41%	18.03%		23.85%	10.73%
450 Contamination (leakage/e 460 Moisture	xternal)					
470 Moisture 470 Borrower crew cuts tree						
ALO DOTTOMET CLEM CHIS TLES						

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

Substation: HIGH ROCK

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

	Tot	als	5 Year 1	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	946.44	4.81	3,024.07	14.39	
Maintenance	97.07%	93.32%	79.88%	78.57%	
490 Maintenance, Other					
Other	0%	0%	0%	0%	
800 Other					
801 Supervisor Review				•	
Planned Outage	0.28%	0.88용	1.58%	5.68%	
100 Construction	0.28%	0.88%	0.50%	1.89%	
110 Maintenance	`		1.08%	3.78%	
190 Other Planned		i i			
Power Supply	0응	0용	0 응	0%	
000 Power Supply					
Public	0%	0용	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				•	
Unknown	1.39%	3.15%	0.76%	1.89%	
999 Cause Unknown	1.39%	3.15%	0.76%	1.89%	
Weather	0.85%	1.01%	12.61%	7.26%	
500 Lightning	0.85%	1.01%	4.86%	6.03%	

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	

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

	Totals		5 Year Average	
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	946.44	4.81	3,024.07	14.39
Weather	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%

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

Substation: HINKSTON 2 0 1/1/2022 12:00:00 AM to 12/31/2022 10:59:69 PM OMERY CO.-HINKSTON PIKE- MT. STERLING HINKSTON Substation Substation Location FOODS **ERBIC** 214 Langley-Hwy Garage Circuit Circuit Location Total Circuit Length (miles) AND INDUSTRIAL DE 28 Average Member Count 2019-Date of last Trim 5 Year Average Totals SAIFI SAIFI SAIDI SAIDI 494.14 2.11 . 36 Total Minutes/Frequency 141.79 10 **PARK** 1.69% 1.06% 3.68% Animals 600 Small Animal/Bird 1.06% 1.69% 3.68% 601 Squirrel 610 Large Animal 611 Cattle Rubbing 612 Animal/Large Bird 620 Animal damage-gnawing or boring 690 Animal, Other 6.78% 6.638 0 용 0왕 Equipment or Installation/Design 6.63% 6.78% 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 0.408 1.69% 0% () 왕 Maintenance 400 Decay/Age of Material/Equipment 410 Corrosion/Abrasion of Material/Equipm 420 Tree Growth 0.40% 1.69% 430 Tree failure from overhang or dead tr 440 Trees With Ice/Snow 450 Contamination (leakage/external) 460 Moisture

470 Borrower crew cuts tree

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

Substation: HINKSTON

		1/1/2022 12:00:00 121 00
	Substation	HINKSTON
	Substation Location Circuit	214 Langley-Hwy Garage
	Circuit Location	
	Total Circuit Length (miles) Average Member Count	28
Ι	Date of last Trim	

	Tot	als	5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	141.79	.36	494.14	2.11	
Maintenance	0.8	0%	0.40%	1.69%	
490 Maintenance, Other					
Other	0%	0용	0%	0%	
800 Other					•
801 Supervisor Review					
Planned Outage	14.86%	70용	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					
Power Supply	0%	0%	43.97%	44.07%	
000 Power Supply			43.97%	44.07%	
Public	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					
Unknown	5.79%	10왕	1.66%	1.69%	
999 Cause Unknown	5.79%	10%	1.66%	1.69%	
Weather	0%	08	2.70%	3.39%	
500 Lightning			2.70%	3.39%	

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		

		Tot	als	5 Year Average
		SAIDI	SAIFI	SAIDI SAIFI
	Total Minutes/Frequency	141.79	.36	494.14 2.11
Weather		0%	0%	2.70% 3.39%

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

	1/1/2022 12:00 HOPE 204 Spencer	Substation	: KOPE S S	<u> </u>	ary outlages	
	1/1/2022 12:00	0:00 AM to 1	2/3 9 /202	.59 . 59 PM		
Substation	HOPE		 ₩ <u> </u>	8		
Substation Location			<u>''</u>	_ \		
Circuit	204 Spencer	Rd	R-BEDFORD RD	RY		
Circuit Location		<u> </u>	_ 👸 무	_ 8		
Total Circuit Length (miles)			m Ö	–	,	
Average Member Count	<u>1,002</u>		2020	Ϋ́E	· #	
Date of last Trim				_ N		
			ND also SAIFI 3.44	Ä		
		Tot	als	.ST	5 Year A	Average
		SAIDI	SAIFI.	딛	SAIDI	SAIFI
Total Minu	tes/Frequency	340.20	3.44	_TO	1,174.67	9.57
Animals		0.96%	1.63%	-SPENCER-STULLTOWN RD-MEANS	0.62%	1.02%
600 Small Animal/Bird		0.72%	1.16%	_ 공	0.28%	0.57%
601 Squirrel		0.18%	0.35%	Y	0.09%	0.17%
610 Large Animal		0.06%	0.12%	EĄ	0.02%	0.04%
611 Cattle Rubbing				S	0.24%	0.24%
612 Animal/Large Bird						
620 Animal damage-gnawing or	boring					
. 690 Animal, Other	,					
Equipment or Installation/Desi		0.59%	0.78%		17.88%	22.59%
300 Material or Equipment Fa	ult/Failure	0.38%	0.41%		16.90%	21.35%
310 Installation Fault						
320 Conductor Sag or Inadequ	ate Clearance				0.73%	0.79%
340 Overload		0.21%	0.38%		0.25%	0.45%
350 Miscoordination of Prote						
360 Other Equipment Installa	tion/Design					
Maintenance		57.13%	64.74%		21.46%	31.04%
400 Decay/Age of Material/Eq		0.19%	0.17%		0.24%	0.22%
410 Corrosion/Abrasion of Ma	terial/Equipm				0.03%	0.04%
420 Tree Growth		1.86%	0.78%		0.68%	0.46%
430 Tree failure from overha	ng 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/e	xternal)					
460 Moisture						
470 Borrower crew cuts tree						

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

Substation: HOPE

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

	Tot	als	5 Year Average	
	SAIDI	SAIFI	SAIDI SAIFI	
Total Minutes/Frequency	340.20	3.44	1,174.67 9.57	
Maintenance	57.13%	64.74%	21.46% 31.04%	•
490 Maintenance, Other				•
Other	0 %	0,8	0% 0%	
800 Other				
801 Supervisor Review				
Planned Outage	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	•			
Power Supply	1.32%	0.09%	0.39% 0.03%	
000 Power Supply	1.32%	0.09%	0.39% 0.03%	
Public	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%	
Unknown	0.83%	0.76%	3.54% 4.00%	
999 Cause Unknown	0.83%	0.76%	3.54% 4.00%	
Weather	29.77%	29.36%	11.31% 12.40%	
500 Lightning	29.77%	29.36%	9.91% 11.93%	

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 A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	340.20	3.44	1,174.67	9.57
Weather	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%

	1/1/2022 12:00 HOPE	Substation	: ROPE S	S OZEO PM			
Substation	HOPE	100 AM CO I	<u> </u>	0 0			
Substation Location	<u></u>		HEI TO	GOMERY			
Circuit	224 Stulltown	n Rd	RBICIDE	— _E			
Circuit Location				- CO			
Total Circuit Length (miles)				•			
Average Member Count	140		20	— <u>نې</u>			
Date of last Trim			20	m Z			
			P	— C			
		Tot	2020 AND	ς. S	5 Year A	verage	
		SAIDI	Şaifi		SAIDI	SAIFI	
Total Minut	es/Frequency	92.96	^{iŏ} .86	Ţ	373.50	3.86	
Animals		 0응	0%	-SPENCER-STULLTOWN RD-MEANS	0.29%	0.37%	
600 Small Animal/Bird				Z R	0.29%	0.37%	
601 Squirrel				D			
610 Large Animal				ΛΕ _Σ			
611 Cattle Rubbing				NS NS			
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other							
Equipment or Installation/Desi		7.82%	10.74%		9.36%	13.59%	
300 Material or Equipment Fa	ult/Failure	7.82%	10.74%		9.36%	13.59%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		59.88%	33.06%		59.27%	39.48%	
400 Decay/Age of Material/Eq	uipment	0.38%	0.83%		15.98%	13.04%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		2.37%	1.65%		2.62%	3.17%	
430 Tree failure from overha	ng or dead tr	57.13%	30.58%		38.11%	23.09%	
440 Trees With Ice/Snow					2.56%	0.19%	
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: HOPE

Substation	HOPE
Substation Location	
Circuit	224 Stulltown Rd
Circuit Location	
Total Circuit Length (miles	3)
Average Member Count	140
Date of last Trim	

	Totals		5 Year 1	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	92.96	. 86	373.50	3.86	
Maintenance	59.88%	33.06%	59.27%	39.48%	
490 Maintenance, Other					
Other	0%	0%	. 08	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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					
Power Supply	0%	. 08	08	0%	
000 Power Supply					
Public	29.18%	48.76%	9.06%	13.04%	
700 Customer-Caused					
710 Motor Vehicle	29.18%	48.76%	7.488	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					
Unknown	0%	0%	0%	0%	
999 Cause Unknown	- 0	• •	0 0	Q 0	
Weather	0.38%	0.83%	14.48%	15.27%	
500 Lightning	0.38%	0.83%	14.48%	15.27%	

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	

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

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

	1/1/2022 12:00	Substation	: HOPE 8 H				
Substation	HOPE	T OJ PA UU:	<u> </u>	0			
Substation Location			MEANS RD	GOMERY			
Circuit	234 Hope Mear	ıs Rd		~			
Circuit Location	<u> </u>	<u> </u>		~ S			
Total Circuit Length (miles)			2020	•			
Average Member Count	362		20 ,	SPE			
Date of last Trim			<u> </u>				
) - -	Σ. Σ.			
		Tot	a.I.s	STL	5 Year A	verage	
		SAIDI	SAIFI	Ė.	SAIDI	SAIFI	
Total Minut	es/Frequency	471.92	3.57	-SPENCER-STULLTOWN RD-MEANS	1,832.83	11.51	
Animals		0.418	0.93%	Ž	0.29%	0.58%	
600 Small Animal/Bird		0.21%	0.46%	Ŷ	0.19%	0.29%	
601 Squirrel		0.21%	0.46%	ME/	0.11%	0.29%	
610 Large Animal				NS		•	
611 Cattle Rubbing				-			
612 Animal/Large Bird				-			
620 Animal damage-gnawing or	boring						
690 Animal, Other							
Equipment or Installation/Desi	gn	0.19%	0.54%		0.56%	1.28%	
300 Material or Equipment Fa	ult/Failure	0.19%	0.54왕		0.45%	1.04%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.07%	0.22%	
350 Miscoordination of Prote	-						
360 Other Equipment Installa	tion/Design				0.04%	0.02%	
Maintenance		85.89%	85.37%		67.38%	74.75%	
400 Decay/Age of Material/Eq	-	1.71%	2.48%		0.96%	1.45%	
410 Corrosion/Abrasion of Ma	terial/Equipm				0.03%	0.02%	
420 Tree Growth		0.21%	0.46%		0.09%	0.22%	
430 Tree failure from overha	ng or dead tr	83.96%	82.43%		65.55%	64.53%	
440 Trees With Ice/Snow					0.75%	8.52%	
450 Contamination (leakage/e.	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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	
Total Minutes/Frequency	471.92	3.57	1,832.83	11.51	
Maintenance	85.89%	85.37%	67.38%	74.75%	
490 Maintenance, Other			÷	•	
Other	0%	0%	0%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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%	
Power Supply	0%	0%	08	0%	
000 Power Supply					
Public	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					
Unknown	0.13%	0.15%	0.43%	0.70%	
999 Cause Unknown	0.13%	0.15%	0.43%	0.70%	
Weather	0.75%	1.32%	1.78%	3.67%	
500 Lightning	0.75%	1.32%	1.71%	3.55%	

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
Total Minutes/Frequency	471.92	3.57	1,832.83	11.51
Weather	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				

excruding h		•	_	O nomencary	Outages	
	1/1/0000 10 0	Substation	: PON 180 C			
Substation	HUNT	0:00 AM to 1	<u>-/ 选 </u>	, ,		
Substation Location	11014 T		EGE HILI	Ç		
Circuit	214 College	 н:11	- Q - '''-	_ Y		
Circuit Location	211 0011090		HILL	X		
Total Circuit Length (miles)				— ŏ		
Average Member Count	712			 		
Date of last Trim			MO W	R R		
				-JACKSON FERRY-WINCHES		
		Tot	als	Ž	5 Year A	verage
		SAIDI	<u> S</u> AIFI	몵	SAIDI	SAIFI
Total Minut	es/Frequency	1,280.12	6 .86	ST H	2,224.91	12.01
Animals		18.27%	14.98%	m R	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		•				
Equipment or Installation/Desi	_	19.84%	25.92%		12.10%	15.46%
300 Material or Equipment Fa	ult/Failure	19.73%	25.75%		11.98%	15.31%
310 Installation Fault	. ~3					
320 Conductor Sag or Inadequ	ate Clearance	0 100	0 4 60		0 100	0 4 5 0
340 Overload	- 1	0.12%	0.16%		0.13%	0.15%
350 Miscoordination of Prote						
360 Other Equipment Installa Maintenance	cion/Design	56.99%	F1 (70		E1 200	40 640
400 Decay/Age of Material/Eq	uinmont	1.71%	51.67% 1.56%		51.32% 1.80%	48.64% 1.55%
410 Corrosion/Abrasion of Ma	- -	0.01%	0.06%		0.02%	1.55% 0.06%
420 Tree Growth	cerrar/Equipm	0.51%	0.49%		0.02% 3.66%	5.64%
430 Tree failure from overha	ng or dead tr	52.02%	47.88%		44.25%	40.43%
440 Trees With Ice/Snow	y or acaa cr	2.57%	1.52%		1.49%	0.87%
450 Contamination (leakage/e	xternal)	2.0,0	1.020		⊥ + ∃ ⊃ ∪	0.070
460 Moisture	/					
470 Borrower crew cuts tree		0.18%	0.16%		0.10%	0.098

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

Substation: HUNT

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 1	verage	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	1,280.12	6.86	2,224.91	12.01	
Maintenance	56.99%	51.67%	51.32%	48.64%	
490 Maintenance, Other					
Other	0.05%	0.10%	0.03%	0.06%	
800 Other					
801 Supervisor Review	0.05%	0.10%	0.03%	0.06%	
Planned Outage	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					
Power Supply	0%	0%	0%	0%	
000 Power Supply					
Public	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					
Unknown	0.25%	0.43%	1.83%	2.99%	
999 Cause Unknown	0.25%	0.43%	1.83%	2.99%	
Weather	2.12%	1.86%	8.02%	6.13%	
500 Lightning	1.41%	1.848	3.13%	3.66%	

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	<u>712</u>
Date of last Trim	

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

	ajor avene bay outag	Substation	-	은 -	ou suges		
	1/1/2022 12:00):00 AM to 1	2/\$\frac{1}{2}/20\frac{1}{2}	:5 ≵ 59 PM			
Substation	HUNT		표 " ~	00			
Substation Location			Y CREEK -HW) 2 HELICOPTER A	•			
Circuit	234 Muddy Cre	eek	육 빛	JA			
Circuit Location			 	-			
Total Circuit Length (miles)			<u> </u>	–Š			
Average Member Count	<u>375</u>		ND 89				
Date of last Trim			- W				
				-JACKSON FERRY- WINCHES			
	•	Tot		N C	5 Year A	=	
		SAIDI	SAIFI	쑮	SAIDI	SAIFI	
	tes/Frequency	167.85	. 87	- 	408.85	3.11	
Animals		4.39%	13.11%	E R	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		0.000					
Equipment or Installation/Design		2.86%	0.61%		3.06%	3.11%	
300 Material or Equipment Fa	ult/Fallure	2.86%	0.61%		2.99%	2.93%	
310 Installation Fault							
320 Conductor Sag or Inadequate 340 Overload	late Clearance				0.050		
					0.07%	0.17%	
350 Miscoordination of Protection Devices							
360 Other Equipment Installa	ition/Design	F.F. 0.00	20 700		60.000	0.00	
Maintenance		55.89%	30.79%	•	62.32%	36.07%	
400 Decay/Age of Material/Eq 410 Corrosion/Abrasion of Ma					4.18%	2.07%	
420 Tree Growth	rceriai/Equipm	13.18%	0 540		10 500	0.000	
430 Tree failure from overha	ng or doad tr	13.186 42.718	8.54% 22.26%		10.52%	9.23%	
440 Trees With Ice/Snow	my or dead if	42.113	ZZ.Z06		47.61%	24.76%	
450 Contamination (leakage/e	vternal)						
460 Moisture	vernar)						
470 Borrower crew cuts tree							
THE DELLOHOL OF CHES CIES							

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	

)	Tot	als	5 Year Average
	SAIDI	SAIFI	SAIDI SAIFI
Total Minutes/Frequency	167.85	. 87	408.85 3.11
Maintenance	 55 . 89%	30.79%	62.32% 36.07%
490 Maintenance, Other			
Other	0%	0%	0% 0%
800 Other			
801 Supervisor Review			
Planned Outage	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		-	
Power Supply	0%	0%	08
000 Power Supply			
Public	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	t		
760 Switching error or caused by construc			
790 Public, Other	-		
Unknown	2.31%	1.83%	3.84% 5.44%
999 Cause Unknown	2.31%	1.83%	3.84% 5.44%
Weather	14.04%	34.76%	9.04% 12.51%
500 Lightning	0.70%	0.91%	3.41% 2.76%

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	

	Tot	als	5 Year Average		
	SAIDI	SAIFI	SAIDI SAIFI		
Total Minutes/Frequency	167.85	.87	408.85 3.11		
Weather	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%		

	1/1/2022 12:00	Substation					
Substation	HUNT	:UU AM to 1	N				
Substation Location	110111		RIVER FI	X CO 			
Circuit	244 Red River			_· ئے			
Circuit Location	211 1100 111101	_	i i	AC			
Total Circuit Length (miles)			— ∏ — <u>H</u>	_ (SC			
Average Member Count	120		<u> </u>	_ <u>ž</u>			
Date of last Trim			MO W	Ä			
				— _R 			
		Tot	 a13\$	- <u>W</u>	5 Year A	lverage	
		SAIDI	<u>©</u> SAIFI	N C	SAIDI	SAIFI	
Total Minut	es/Frequency	602.97	[3.23	-JACKSON FERRY-WINCHES	2,105.98	10.82	
Animals		0%	22 0%	— 	0.15%	0.28%	
600 Small Animal/Bird		•	10 00	20	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							
Equipment or Installation/Design	gn	0%	0 %		7.73%	9.45%	
300 Material or Equipment Fa	ult/Failure				7.38%	8.67%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.36%	0.78%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		70.82%	6537%		71.89%	63.54%	
400 Decay/Age of Material/Eq					4.37%	4.62%	
410 Corrosion/Abrasion of Ma	terial/Equipm	0.04%	0.26%		1.10%	1.00%	
420 Tree Growth		8.18%	12.14%		16.67%	15.42%	
430 Tree failure from overha	ng or dead tr	46.23%	40.57%		45.43%	39.09%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture		4 ~ ~ ~	40				
470 Borrower crew cuts tree		16.36%	12.40%		4.32%	3.41%	

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

Substation: HUNT

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

	Tot	als	5 Year 1	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	602.97	3.23	2,105.98	10.82
Maintenance	70.82%	6.5.37%	71.89%	63.54%
490 Maintenance, Other				
Other	3.99%	3.62%	1.05%	1.00%
800 Other	3.99%	3.62%	. 1.05%	1.00%
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	08	0%	O %
000 Power Supply				
Public	2.19%	0.52%	5.13%	4.83%
700 Customer-Caused	2.018	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				
Unknown	12.60%	13.18%	3.39%	3.70%
999 Cause Unknown	12.60%	13.18%	3.39%	3.70%
Weather	7.90%	12.66%	4.38%	5.47%
500 Lightning	7.90%	12.66%	4.32%	5.40%

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 Date of last Trim	120	
Date of Tast ITIM		

	Totals		5 Year	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	602.97	3.23	2,105.98	10.82
Weather	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				

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

Substation: JEFFERSONVŢLLE_≤

	1/1/2022 12:00	:00 AM to 1	2/ 3 1/20 3 2 - 11	:5 2 :59 PM			
Substation	JEFFERSONVILI	E		GC			
Substation Location			050-MEANS	GOMERY CO			
Circuit	244 Means		BICI BICI	RY			
Circuit Location				•			
Total Circuit Length (miles)			2020				
Average Member Count	<u>586</u>		20 /	<i>Y</i> 1			
Date of last Trim			<u> </u>	050			
		Tot	202	-HWY 1050- JEFFERSONVILLE	F		
				FF E	5 Year A	_	
		SAIDI	SAIFI	RSC	SAIDI	SAIFI	
	es/Frequency	279.91	3.33	 	669.17	6.65	
Animals		2.078	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		0.105	0.206		0.045	0.13%	
690 Animal, Other	DOLLING						
Equipment or Installation/Design		9.16%	4.35%		5.00%	3.99%	
300 Material or Equipment Fa	_	9.16%	4.35%		4.95%		
310 Installation Fault		21200	11000		2.300	0.000	
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.05%	0.13%	
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa	tion/Design						_
Maintenance		36.60%	30.04%		47.49%	46.13%	
400 Decay/Age of Material/Eq	uipment				7.82%	14.54%	
410 Corrosion/Abrasion of Ma	terial/Equipm	0.05%	0.10%		0.02%	0.05%	
420 Tree Growth		0.69%	0.26%		0.49%	0.41%	
430 Tree failure from overha	ng 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/e	xternal)						
460 Moisture				·			
470 Borrower crew cuts tree							

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

Substation: JEFFERSONVILLE

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

	Totals		5 Year	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	279.91	3.33	669.17	6.65	
Maintenance	36.60%	30.04%	47.49%	46.13%	
490 Maintenance, Other			3.65%	1.65%	
Other	0%	0%	0%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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%	
Power Supply	0 응	0%	0%	0%	
000 Power Supply					
Public	30.83%	29.99%	23.39%	15.39%	•
700 Customer-Caused	4.418	0.05%	12.12%	0.13%	
710 Motor Vehicle	26.41%	29.94%	11.10%	15.08%	
720 Aircraft					
730 Fire			٠,		
740 Public Cuts Tree			0.17%	0.18%	
750 Vandalism					
760 Switching error or caused by construc					
790 Public, Other					•
Unknown	2.40%	8.65%	6.45%	7.23%	
999 Cause Unknown	2.40%	8.65%	6.45%	7.23%	
Weather	5.61%	5.12%	6.93%	5.33%	
500 Lightning			0.69%	0.64%	

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
JEFFERSONVILLE
244 Means
586

	Totals		5 Year A	verage	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	279.91	3.33	669.17	6.65	
Weather	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					

	1/1/2022 12:00	ubstation:	MARIBA I	<u>≤</u> m .coZ∈o pw			
Substation	MARIBA	O: UU AM CO I	2/33/2048 41 HE	- 59			
Substation Location			~~ ㅠ	0 0			
Circuit	124 Wynn Flat	t	SICIDE	•			
Circuit Location			<u> </u>				
Total Circuit Length (miles)			201	DR			
Average Member Count	<u>125</u>		15-201	S	.4	جيند.	
Date of last Trim			~	R D			
			-202 9	e G			
		Tot	alŠ	꿈	5 Year A	lverage	
		SAIDI	SAIFI	E Z	SAIDI	SAIFI	
Total Minut	es/Frequency	37.46	<u>.</u> 50	- H	134.59	1.71	
Animals		4.14%	6.35%	-KENDRICK RIDGE- FRENCHBURG	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		0.0	0.0		4 600	F.O.	
Equipment or Installation/Desi		0%	0%		4.69%	58	
300 Material or Equipment Fa 310 Installation Fault	uit/failure						
320 Conductor Sag or Inadequ	ato Cloaranco						
340 Overload	ace creatance				4.69%	5%	
350 Miscoordination of Prote	ction Devices				4.095	J.5	
360 Other Equipment Installa							
Maintenance	2222	87.47%	76.19%		56.56%	60.71%	
400 Decay/Age of Material/Eq	uipment		, 0113	•	0.01000	00.710	
410 Corrosion/Abrasion of Ma	-						
420 Tree Growth	• -	2.20%	1.59%		0.93%	0.71%	
430 Tree failure from overha	ng or dead tr	85.27%	74.60%		55.63%	60%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: MARIBA

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

	Totals		5 Year A	verage	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	37.46	.50	134.59	1.71	
Maintenance	87 . 47%	76.19%	56.56%	60.71%	
490 Maintenance, Other					
Other	0%	0% .	0%	0용	
800 Other					
801 Supervisor Review					
Planned Outage	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					
Power Supply	0 응	0%	0%	08	
000 Power Supply					
Public	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					
Unknown	2.26%	6.35%	1.57%	3.57%	
999 Cause Unknown	2.26%	6.35%	1.57%	3.57%	
Weather	0.8	0%	11.05%	7.14%	
500 Lightning			11.05%	7.14%	

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	
Substation Location Circuit Circuit Location Total Circuit Length (miles) Average Member Count	124 Wynn Flatt

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

⁵¹⁰ Wind, Not Trees

⁵²⁰ Ice, Sleet, Frost, Not Trees

⁵³⁰ Flood

⁵⁹⁰ Weather, Other

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages $N \longrightarrow X \longrightarrow Z$

	1/1/2022 12:00 MARIBA	ubstation:	MARIBA A	S DM			
Substation	MARIBA	O:00 AM CO I	2/31/2028 DR	ш ————————————————————————————————————			
Substation Location			H Q	_ 0.			
Circuit	134 Kendrick	Ridge-Sind		_			
Circuit Location				_			
Total Circuit Length (miles)				_ R			
Average Member Count	112		.015-	Š			
Date of last Trim	The state of the s		<u>გ</u>	_			
			2017	Ğ			
			als	, T	5 Year A	lverage	
		SAIDI	S AIFI	ñ Z	SAIDI	SAIFI	
Total Minute	es/Frequency	211.66	1.13	-KENDRICK RIDGE- FRENCHBURG	684.70	4.80	
Animals		2.22%	6.35%	BUF	4.05%	7.88%	
600 Small Animal/Bird		0.26%	0.79%	Ĝ	0.83%	1.31%	
601 Squirrel		1.96%	5.56%		3.22%	6.57%	/
610 Large Animal							
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other		4 0 4 0	44 440				
Equipment or Installation/Desig 300 Material or Equipment Fau	n 1+ /80 i luma	4.94%	11.118		2.57%	4.50%	
310 Installation Fault	Tr/rallure	1.91%	0.79%		1.05%	0.94%	
320 Conductor Sag or Inadequa	ta Clasranco						
340 Overload	ce Creatance	3.02%	10.32%		1.52%	3 F.C.D	
350 Miscoordination of Protec	tion Devices	3.02%	10.525		1.326	3.56%	
360 Other Equipment Installat							
Maintenance	, _	30.58%	37.30%		63.40%	60.23%	
400 Decay/Age of Material/Equ	ipment	0.35%	0.79%		0.11%	0.19%	
410 Corrosion/Abrasion of Mat		0.17%	0.79%		0.05%	0.19%	
420 Tree Growth	1	12.55%	6.35%		3.92%	1.50%	
430 Tree failure from overhan	g or dead tr	17.50%	29.37%		59.32%	58.35%	
440 Trees With Ice/Snow							
450 Contamination (leakage/ex	ternal)						
460 Moisture			•				
470 Borrower crew cuts tree							

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

•	Totals		5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	211.66	1.13	684.70	4.80
Maintenance	30.58%	37.30%	63.40%	60.23%
490 Maintenance, Other				
Other	0%	0%	0%	0 응
800 Other				
801 Supervisor Review				•
Planned Outage	7.80%	12.70%	3.65%	12.01%
100 Construction	7.69%	11.118	3.04%	3.94%
110 Maintenance	0.12%	1.59%	0.61%	8.07%
190 Other Planned				
Power Supply	0%	0%	0%	0%
000 Power Supply				
Public	46.08%	0.79%	14.37%	0.19%
700 Customer-Caused	46.08%	0.79%	14.37%	0.19%
710 Motor Vehicle			with the second second	
720 Aircraft				
730 Fire	•			
740 Public Cuts Tree				
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other	1			
Unknown	8.01%	30.95%	2.80%	8.07%
999 Cause Unknown	8.01%	30.95%	.2.80%	8.07%
Weather	0.38%	0.79%	9.16%	7.13%
500 Lightning	0.38%	0.79%	6.24%	5.25%

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	<u>112</u>
Date of last Trim	

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

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

		station: MI	\sim \sim				
Substation	1/1/2022 12:00 MILLER HUNT	0:00 AM to 1	4	:59 PM			
Substation Location	HITTIDIX HOME		HERBICIDE	0			
Circuit	224 Miller H	unt Rd	<u> </u>	•			
Circuit Location	<u> </u>		B	-MILLER			
Total Circuit Length (miles)				—'m 77			
Average Member Count	341		2017				
Date of last Trim	_						
				RD- WINCHESTE			
		Tot	als	` \Exists	5 Year A	verage	
		SAIDI	SAIFI	Z O	SAIDI	SAIFI	
Total Minut	tes/Frequency	119.26	. 82		402.25	4.30	
Animals		3.96%	3.93%	STE	3.41%	3.45%	
600 Small Animal/Bird		3.96%	3.93%	ᄁ	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		46.000	40 500				
Equipment or Installation/Design		16.87%	18.57%		20.43%	14.77%	
300 Material or Equipment Fa 310 Installation Fault	ult/Fallure	16.87%	18.57%		15.25%	10.28%	
	ota Clarmora				F 100	4 400	
320 Conductor Sag or Inadequate 340 Overload	late Clearance				5.18%	4.49%	
350 Miscoordination of Prote	ation Dominos						
360 Other Equipment Installa							
Maintenance	.cion/Design	57.23%	42.50%		34.95%	20.91%	
400 Decay/Age of Material/Eq	uinment	1.58%	1.07%		0.81%	0.48%	
410 Corrosion/Abrasion of Ma		1.508	1.078		0.01%	0.40%	
420 Tree Growth	COLIGIA PIGALPIA	17.63%	10.71%		11.24%	6.63%	
430 Tree failure from overha	ng or dead tr	38.02%	30.71%		22.75%	13.60%	
440 Trees With Ice/Snow	<u> </u>		201,20		0.15%	0.21%	
450 Contamination (leakage/e	xternal)				J • = 0	2 - L III V	
460 Moisture	·						
470 Borrower crew cuts tree							

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 A	Average		
	SAIDI	SAIFI	SAIDI	SAIFI		
Total Minutes/Frequency	119.26	.82	402.25_	4.30		
Maintenance	57.23%	42.50%	34.95%	20.91%		
490 Maintenance, Other						
Other	0왕	0%	0%	0%		
800 Other						
801 Supervisor Review						
Planned Outage	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						
Power Supply	0용	0%	0%	0%		
000 Power Supply						
Public	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						
Unknown	6.65%	10.36%	3.39%	3.38%		
999 Cause Unknown	·6.65ક	10.36%	3.39%	3.38%		
Weather	6.47%	11.43%	30.44%	47.698		
500 Lightning	6.47%	11.43%	8.92%	7.11%		

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 A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	119.26	. 82	402.25	4.30	
Weather	6.47%	11.43%	30.44%	47.69%	
510 Wind, Not Trees					
520 Ice, Sleet, Frost, Not Trees 530 Flood			21.52%	40.58%	

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

	Subs	station: MI	LLER HUNT	C			
Substation	1/1/2022 12:00):00 AM to 1	2 G 1/2 6 2 1 1 1	:530:59 PM			
Substation Location	MILLER HUNT		FICE 34 HER	Ô			
Circuit	224 Office	<u></u>	HERBICIDE	<u></u> o			
Circuit Location	234 Office		FEED-HWY	≦			
Total Circuit Length (miles)			<u> </u>	- 			
Average Member Count	119		2017 H	—			
Date of last Trim	119		7 7	È			
Date of Tast IIII			 5	<u></u>			*
			als	RK CQMILLER HUNT RD- WINCHESTE	5 Year A	Worage.	
		SAIDI	SAIFI	\{\}	SAIDI	SAIFI	
Total Minut	tes/Frequency	246.04	1.12	Ç	613.59	3.55	
Animals	ces/frequency	95.78%	90.98%	- 南	39.53%	31.74%	
600 Small Animal/Bird		93.10%	30.305		0.19%	0.72%	
601 Squirrel		95.78%	90.98%	₽	39.33%	31.03%	
610 Large Animal		93.70%	30.30%		39.33%	31.03%	
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	horing						
690 Animal, Other	DOLLING						
Equipment or Installation/Desi	an.	0.79%	0.75%		0.37%	0.48%	
300 Material or Equipment Fa		0.79%	0.75%	**	0.37%	0.48%	
310 Installation Fault	dre/rarrare	0.758	0.75%		0.57%	0.40%	
320 Conductor Sag or Inadequ	ate Clearance				•		
340 Overload	dee orearance						
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa							
Maintenance	. C. L. O. L. J. C. L. J. J. L. J. L. J. J. L. J. J. L. J. J. L. J. J. J. L. J. J. J. L. J. J. L. J. J. J. L. J.	0.38%	1.50%		19.61%	15,27%	
400 Decay/Age of Material/Eq	uipment	0.38%	1.50%		0.27%	0.72%	
410 Corrosion/Abrasion of Ma	-	0.000	1.000		0.270	0.728	
420 Tree Growth	, <u> </u>						
430 Tree failure from overha	ng or dead tr				19.33%	14.56%	
440 Trees With Ice/Snow	,					± 1. 0 0 0	
450 Contamination (leakage/e	xternal)						
460 Moisture	<i>,</i>						
470 Borrower crew cuts tree							

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

Substation: MILLER HUNT

Substation MILLER HUNT
Substation Location
Circuit 234 Office
Circuit Location
Total Circuit Length (miles)
Average Member Count 119

Date of last Trim

	Totals			5 Year Average		
	SAIDI	SAIFI	•	SAIDI	SAIFI	
Total Minutes/Frequency	246.04	1.12		613.59	3.55	
Maintenance	0.38%	1.50ક		19.61%	15.27%	
490 Maintenance, Other						
Other	0%	0%		0 %	0%	
800 Other						
801 Supervisor Review						
Planned Outage	3.06%	6.77%		10.37%	36.52%	
100 Construction	1.61%	3.76%		3.95%	9.31%	
110 Maintenance	1.448	3.01%		6.43%	27.21%	
190 Other Planned						
Power Supply	0%	0%		08	0%	
000 Power Supply						
Public	08	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						
Unknown	08	0%		0.11%	0.95%	
999 Cause Unknown	- *	2 3		0.11%	0.95%	
Weather	0%	0%		12.22%	14.80%	
500 Lightning	- 0	0.0		12.22%	14.80%	

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	234 Office
Circuit Location Total Circuit Length (miles)	
Average Member Count Date of last Trim	119

		Totals		5 Year Average	
		SAIDI	SAIFI	SAIDI SAIFI	
	Total Minutes/Frequency	246.04	1.12	613.593.55	
Weather		0 응	0%	12.22% 14.80%	

⁵¹⁰ Wind, Not Trees

⁵²⁰ Ice, Sleet, Frost, Not Trees

⁵³⁰ Flood

⁵⁹⁰ Weather, Other

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

	Subs 1/1/2022 12:00 MILLER HINT	tation: MI	LINER HUNT	CL			
	1/1/2022 12:00	0:00 AM to 1	2/3}/20% ₹1	:59 5 59 PM		_	<u></u>
Substation	MILLER HUNT		89-MUDDY CREE 15 HERBICIDE 2017	 			
Substation Location			<u> </u>	_ <u>:</u> _			
Circuit	244 Hwy 89		SiC JD	≦			
Circuit Location				—			
Total Circuit Length (miles)			<u>~~~ </u>	$-\frac{7}{1}$			
Average Member Count	<u>272</u>		CREE	Ē			
Date of last Trim			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	— ,			
		m - 1-	9	-MILLER HUNT RD- WINCHE	F 37 3		
		Tot		≦	5 Year A	_	
mahal Minas		SAIDI	SAIFI	\overline{P}	SAIDI	SAIFI	
	es/Frequency	181.15	1.81	<u> </u>	748.73	5.88	
Animals	•	0.13%	0.20%	OT IN R	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							
Equipment or Installation/Desi		3.59%	4.48%		2.20%	2.70%	
300 Material or Equipment Fa	ult/Failure	3.59%	4.48%		2.20%	2.70%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		74.26%	49.49%		20.71%	18.72%	
400 Decay/Age of Material/Eq		34.05%	14.66%		8.75%	4.88%	
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm	40.000					
	1 1 .	18.08%	14.87%		4.68%	4.94%	
430 Tree failure from overha 440 Trees With Ice/Snow	ng or dead tr	22.14%	19.96%		7.28%	8.90%	
450 Contamination (leakage/e 460 Moisture	xternal)						
470 Borrower crew cuts tree							

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 2	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	181.15	1.81	748.73	5.88
Maintenance	74.26%	49.49%	20.71%	
490 Maintenance, Other				
Other	0 용	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	0%	08	0%
000 Power Supply				
Public	· 08	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%
Unknown	0.24%	0.20%	2.58%	2.83%
999 Cause Unknown	0.24%	0.20%	2.58%	2.83%
Weather	12.93%	8.35%	45.92%	40.47%
500 Lightning	12.93%	8.35%	24.18%	21.36%

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 <i>P</i>	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	181.15	1.81	748.73	5.88
Weather	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

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

Substation: MT. STERLING

	1/1/2022 12:00	0:00 AM to 1	2/ 36 /20 36 ≸1	.59 PM			
Substation	MT. STERLING		10				
Substation Location				OMERY CO			
Circuit	124 Fuller Es	st-Fogg Pil	NORTT	2			
Circuit Location		 -		_ <u>C</u>			
Total Circuit Length (miles)			<u>_</u>	— <u>±</u>			
Average Member Count	<u>328</u>			¥			
Date of last Trim							
		Tot	als	-HWY11- MT STERLING	5 Year A	verage	
		SAIDI	SAIFI	STE	SAIDI	SAIFI	
Total Minut	tes/Frequency	108.74	1.40	꼰	653.61	6.13	
Animals		3.01%	1.96%	G G	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							
Equipment or Installation/Desi	.gn	1.71%	0.43%		10.42%	17.72%	
300 Material or Equipment Fa	ult/Failure				9.65%	16.92%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload	•	1.71%	0.43%		0.76%	0.80%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		31.21%	20.65%		31.45%	28.47%	
400 Decay/Age of Material/Eq		0.49%	0.22%		14.42%	16.82%	
410 Corrosion/Abrasion of Ma	terial/Equipm	25.46%	13.70%		4.23%	3.14%	
420 Tree Growth					1.30%	1.19%	
430 Tree failure from overha	ng 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/e	external)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: MT. STERLING

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

	Totals		5 Year A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	108.74	1.40	653.61	6.13
Maintenance	31.21%	20.65%	31.45%	28.47%
490 Maintenance, Other				
Other	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	0%	0%	0%
000 Power Supply				
Public	0%	0%	.9.498	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				
Unknown	57.94%	71.30%	13.01%	22.25%
999 Cause Unknown	57.94%	71.30%	13.01%	22.25%
Weather	0%	08	28.56%	20.66%
500 Lightning			28.15%	20.36%

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 A	verage	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	108.74	1.40	653.61	6.13	
Weather	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

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

Excluding M	ajor Event Day Outage	es, Customer Re tation: MT			.y Outages		
	1/1/2022 12:00		N) • -	()			
Substation	MT. STERLING		 		<u> </u>		
Substation Location			-H₩ Υ 11	_ 9			
Circuit	134 Levee-Hwy	7 11	₹ .	Ê			
Circuit Location				_ ~			
Total Circuit Length (miles)				- 불			
Average Member Count	684			₹			
Date of last Trim				GOMERY -HWY 11-			
				≤ ⊣	5 Year A		
		SAIDI	als SAIFI	T S	SAIDI	SAIFI	
makal Minak	es/Frequency	265.78	1.38	STE	863.00	4.99	
	.es/frequency	4.15%	9.93%	Z L N G	2.87%	5.37%	
Animals 600 Small Animal/Bird		0.10%	0.42%	N G	1.46%	2.50%	
601 Squirrel		0.61%	2.32%		0.19%	0.65%	
610 Large Animal		0.010	2.020				
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%	
Equipment or Installation/Desi	gn	1.99%	2.64%		4.06%	6.26%	
300 Material or Equipment Fa	ult/Failure	1.99%	2.64%		3.81%	6.08%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance				0.050	2 100	
340 Overload					0.25%	0.18%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design		EE CEO		41.12%	36.71%	
Maintenance 400 Decay/Age of Material/Ec	and non-t	53.22%	55.65%	* *	1.43%	2.56%	•
410 Corrosion/Abrasion of Ma	• •	1.10%	0.84%		5.45%	3.70%	
420 Tree Growth	rcerrar/Equipm	0.42%	1.27%		1.64%	1.82%	
430 Tree failure from overha	ng or dead tr	51.69%	53.54%		32.50%	28.52%	
440 Trees With Ice/Snow	<i>y</i> v-		-		0.07%	0.09%	
450 Contamination (leakage/e	xternal)						
460 Moisture	•						
470 Borrower crew cuts tree					0.01%	0.03%	

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

Substation: MT. STERLING

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

	Totals			5 Year	Average		
		SAIDI	SAIFI		SAIDI	SAIFI	
Total 1	Minutes/Frequency	265.78	1.38	•	863.00	4.99	
Maintenance		53.22%	55.65%		41.129	36.71%	
490 Maintenance, Other							
Other		0%	0%		08	5 0용	
800 Other							
801 Supervisor Review							
Planned Outage		2.04%	4.65%		18.758	23.47%	
100 Construction		1.96%	4.01%		18.33	21.67%	
110 Maintenance		0.08%	0.63%	•	0.428	1.79%	
190 Other Planned					*		
Power Supply		0%	0%		. 0 %	5 O%	
000 Power Supply							
Public	-	31.48%	13.62%		13.518		
700 Customer-Caused		8.13%	0.21%		4.588		
710 Motor Vehicle		22.56%	13.09%		8.019	4.17%	
720 Aircraft				,			
730 Fire		0.79%	0.32%		0.249	0.09%	
740 Public Cuts Tree					0.689	0.85%	
750 Vandalism			**				
760 Switching error or	caused by construc						
790 Public, Other	* -						
Unknown		2.03%	2.53%		2.88%	· ·	
999 Cause Unknown		2.03%	2.53%		2.889		
Weather		5.09%	10.98%	4. *	16.81%		
500 Lightning		1.64%	4.01%		8.598	10.63%	

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	

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	265.78	1.38	863.00	4.99
Weather	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				
FOO Woother Other				

590 Weather, Other

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

	Subst	ation: MT					
Substation	1/1/2022 12:00: MT. STERLING	:00 AM to 1					
Substation Location	III. OILITEILIO		VILLI	O ≤			
Circuit	144 Kiddville	·	- - (0	_			
Circuit Location		-	-GOFFS	_ ≺ _ 0			
Total Circuit Length (miles)			Π	_			
Average Member Count	502		S	_ I			
Date of last Trim			0	_			
Date of 1456 11111			CORNE				
		Tot	als 7	≦	5 Year A	verage	
		SAIDI	SAIFI	STI	SAIDI	SAIFI	
Total Minut	es/Frequency	172.79	1.52	뀓	500.49	3.70	
Animals		3.06%	5.37%	GOMERY CO -HWY 11- MT STERLING	2.57%	4.71%	
600 Small Animal/Bird		0.50%	0.39%	u)	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	_						
Equipment or Installation/Desi	.gn	10.66%	4.58%		10.42%	10.72%	
300 Material or Equipment Fa	_	3.99%	0.65%		6.60%	6.82%	
310 Installation Fault							÷
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		6.67%	3.93%		3.82%	3.90%	
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa	tion/Design						
Maintenance	* ±	15.94%	11.52%		39.01%	25.12%	
400 Decay/Age of Material/Eq	quipment	0.19%	0.13%		7.15%	3.25%	
410 Corrosion/Abrasion of Ma	terial/Equipm			•	0.35%	0.27%	
420 Tree Growth		1.42%	1.44%		2.80%	2.27%	
430 Tree failure from overha	ing or dead tr	14.33%	9.95%		28.72%	19.33%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	external)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: MT. STERLING

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

	Totals		5 Year .	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	172.79	1.52	500.49	3.70	
Maintenance	15.94%	11.52%	39.01%	25.12%	
490 Maintenance, Other					
Other	0%	08	0%	0%	
800 Other					
801 Supervisor Review			•		
Planned Outage	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					
Power Supply	0.8	0%	0왕.	08	
000 Power Supply					
Public	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%	
Unknown	45.79%	68.59%	17.85%	30.86%	
999 Cause Unknown	45.79%	68.59%	17.85%	30.86%	
Weather	3.68%	3.01%	12.05%	11.75%	
500 Lightning	3.68%	3.01%	9.21%	10.07%	

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

	1/1/2022 12:00:00 AM CO 12/31/2022 11:37:37 PM
Substation	MT. STERLING
Substation Location	
Circuit	144 Kiddville
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>502</u>
Date of last Trim	

	Totals		5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	172.7 <u>9</u>	1.52	500.49	3.70	
Weather	3.68%	3.01%	12.05%	11.75%	
510 Wind, Not Trees			1.97%	1.30%	
520 Ice, Sleet, Frost, Not Trees 530 Flood			0.52%	0.27%	
590 Weather, Other			0.36%	0.11%	

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

EXCIUITING IN	ajor Event Day Outage Subsi	tation: RE		_	oudagos.		
	1/1/2022 12:00						
Substation	REID VILLAGE						
Substation Location			WEST	_ <u>≤</u> _ m			
Circuit	114 Hwy 60 Cl	ark Co	51	GOMERY-HWY			
Circuit Location		·		-			
Total Circuit Length (miles)							
Average Member Count	<u>414</u>			ŠÕ-			
Date of last Trim		~		- <u>1</u>			
				60-MT.STERLING	_		
		Tot		;;; [5 Year A	-	
		SAIDI	SAIFI	N Q	SAIDI	SAIFI	
Total Minut	es/Frequency	91.91	.58		338.80	3.43	
Animals	-	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					4 040	0 710	
611 Cattle Rubbing					1.01%	0.71%	
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other		2.63%	6.69%		9.64%	34.72%	
Equipment or Installation/Desi		2.638	6.698		9.646 8.938	33.59%	
300 Material or Equipment Fa 310 Installation Fault	ult/fallure				0.335	33.336	
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload	acc cicarance	2.63%	6.69%		0.71%	1.13%	
350 Miscoordination of Prote	ction Devices	2.000	0.000		0.710	1.190	
360 Other Equipment Installa							
Maintenance		49.00%	38.49%		26.56%	14.68%	
400 Decay/Age of Material/Eq	uipment	10.07%	4.60%		3.38%	1.13%	
410 Corrosion/Abrasion of Ma	_		-,000			_,_,	
420 Tree Growth	- <u>-</u> <u>-</u> <u>-</u> -	0.96%	1.67%		1.48%	1.34%	
430 Tree failure from overha	ng or dead tr	37.97%	32.22%		21.70%	12.21%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							·

470 Borrower crew cuts tree

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 2	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	91.91	. 58	338.80_	3.43
Maintenance	49.00%	38.49%	26.56%	14.68%
490 Maintenance, Other				
Other	0%	0응	0.8	0용
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	0%	0%	08
000 Power Supply				
Public	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				
Unknown	- 0%	- 0%	2.86%	3.11%
999 Cause Unknown		- -	2.86%	3.11%
Weather	37.36%	35.56%	26.28%	18.91%
500 Lightning	37.36%	35.56%	22.17%	17.36%

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	

	Tot	als	5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency_	91.91	. 58	338.80	3.43	
Weather	37.36%	35.56%	26.28%	18.91%	
510 Wind, Not Trees			3.70%	1.34%	
520 Ice, Sleet, Frost, Not Trees			0.40%	0.21%	
530 Flood					
5 0 0 77 - 1-1 Oth					

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

Substation:	REID WILLEAGE	
		7

	1/1/2022 12:00	:00 AM to 1	2/34/2022	:59₹59 PM			
Substation	REID VILLAGE						
Substation Location				GOMERY			
Circuit	124 Prewitt I	Pike	Ē Ā	RY .			
Circuit Location			H F	_ S			
Total Circuit Length (miles)	was the state of t		201	_ ₹			
Average Member Count	402		PIKE-FOGG PIKE	₹			
Date of last Trim			<u> </u>	_ 60			
				CO-HWY 60-MT STERLING			
		Tot		STI	5 Year A	_	
		SAIDI	SAIFI	뀓	SAIDI	SAIFI	
Total Minut	es/Frequency	72.75	.50	<u> </u>	272.41	2.38	
Animals		2.79%	4.43%	u)	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				•			
Equipment or Installation/Desi		5.29%	7.88%		10.37%	11.64%	
300 Material or Equipment Fa	ult/Failure	1.64%	1.48%		9.38%	10.26%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance		•				
340 Overload		3.65%	6.40%		0.99%	1.38%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		84.94%	78.33%		66.97%	47.51%	
400 Decay/Age of Material/Eq	_	1.16%	1.97%		0.31%	0.42%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth	•	4.68%	5.91%		2.21%	3.07%	
430 Tree failure from overha	ng or dead tr	79.10%	70.44%		61.84%	41.59%	
440 Trees With Ice/Snow					2.59%	2.43%	
450 Contamination (leakage/e	xternal)						
460 Moisture							

470 Borrower crew cuts tree

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

	1, 1, 0011 11 00 111 00 111 100 111
Substation	REID VILLAGE
Substation Location	
Circuit	124 Prewitt Pike
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	402
Date of last Trim	

## Apo Maintenance, Other Other 800 Other 800 Other 801 Supervisor Review Planned Outage 1.07% 1.48% 0.29% 0.32% 0.33% 0	·	Tot	als	5 Year 1	Average
Maintenance 84.94% 78.33% 66.97% 47.51% 490 Maintenance, Other 1.07% 1.48% 0.29% 0.32% 800 Other 1.07% 1.48% 0.29% 0.32% 801 Supervisor Review 1.07% 1.48% 0.29% 0.32% 801 Supervisor Review 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 0% 0% 0% 0% Power Supply 0% 0% 0% 0% 700 Power Supply 0% 0% 0% 0% 700 Customer-Caused 0% 0% 2.39% 1.38% 710 Motor Vehicle 1.71% 0.95% 720 Aircraft 70 Public Cuts Tree 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0.38% 0.53% 999 Cause Unknown 0% 0% 0.38% 0.53% Weather 3.01% 3.45% 1.18% 1.59%		SAIDI	SAIFI	SAIDI	SAIFI
## Add Maintenance, Other Other 1.07% 1.48% 0.29% 0.32% 0.32% 0.00 Other 1.07% 1.48% 0.29% 0.32% 0.32% 0.32% 0.32% 0.32% 0.29% 0.32% 0.33% 0.3	Total Minutes/Frequency	72.75	50	272.41	2.38
Other 1.07% 1.48% 0.29% 0.32% 800 Other 1.07% 1.48% 0.29% 0.32% 801 Supervisor Review Planned Outage 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 0% 0% 0% 0% Power Supply 0% 0% 0% 0% Power Supply 0% 0% 0% 0% 700 Customer-Caused 0% 0% 0.68% 0.42% 710 Motor Vehicle 1.71% 0.95% 0.55% 0.55% 720 Aircraft 7 0.68% 0.42% 0.55% 0.53% 0.53% 740 Public Cuts Tree 7 0.00% 0.38% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.5	Maintenance	84.94%	78.33%	66.97%	47.51%
800 Other 801 Supervisor Review Planned Outage 2.91% 4.43% 11.12% 27.51% 27.51% 100 Construction 2.78% 3.94% 3.50% 9.95% 11.0 Maintenance 0.13% 0.49% 7.62% 17.57% 190 Other Planned Power Supply 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	490 Maintenance, Other				
## Supervisor Review Planned Outage	Other	1.07%	1.48%	0.29%	0.32%
Planned Outage	800 Other	1.07%	1.48%	0.29%	0.32%
100 Construction 2.78% 3.94% 3.50% 9.95% 110 Maintenance 0.13% 0.49% 7.62% 17.57% 190 Other Planned Power Supply 0% 0% 0% 0% 0% 0% 0% 0% 0.23% 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 Unknown 0% 0% 0.38% 0.53% Weather 3.01% 3.45% 1.18% 1.59%	801 Supervisor Review				
110 Maintenance	Planned Outage	2.91%	4.43%	11.12%	27.51%
190 Other Planned Power Supply 000 Power Supply Public 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 Unknown 999 Cause Unknown Weather 3.01% 3.45% 0 % 0 % 0 % 0.38% 0.53% 0.53% 0.53%	100 Construction	2.78%	3.94%	3.50%	9.95%
Power Supply 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	110 Maintenance	0.13%	0.49%	7.62%	17.57%
Public 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 Unknown 0% 0% 0.38% 0.53% 999 Cause Unknown Weather 3.01% 3.45% 1.18% 1.59%	190 Other Planned				
Public 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 Unknown 0% 0% 0.38% 0.53% 999 Cause Unknown Weather 3.01% 3.45% 1.18% 1.59%	Power Supply	0 응	0%	0.8	0.8
700 Customer-Caused				ž.	
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 Unknown 0% 0% 0.38% 0.53% 999 Cause Unknown 0.38% 0.53% Weather 3.01% 3.45% 1.18% 1.59%	Public	0%	08	2.39%	1.38%
720 Aircraft 730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 999 Cause Unknown Weather 3.01% 3.45% 1.18% 1.59%	700 Customer-Caused			0.68%	0.42%
730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 999 Cause Unknown Weather 3.01% 3.45% 1.18% 1.59%	710 Motor Vehicle			1.71%	0.95%
740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 999 Cause Unknown 3.01% 3.45% 3.01% 3.45% 1.18% 1.59%	720 Aircraft				
750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 999 Cause Unknown 0% 0.38% 0.53% 0.38% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53% 0.53%	730 Fire				
760 Switching error or caused by construc 790 Public, Other Unknown 999 Cause Unknown 0% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 0.53%	740 Public Cuts Tree				
790 Public, Other Unknown 999 Cause Unknown 0% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 1.18% 1.59%	750 Vandalism				
790 Public, Other Unknown 999 Cause Unknown 0% 0.38% 0.53% 0.38% 0.53% 0.38% 0.53% 1.18% 1.59%	760 Switching error or caused by construc				
999 Cause Unknown 0.38% 0.53% 0.53% 1.18% 1.59%					
999 Cause Unknown 0.38% 0.53% Weather 3.01% 3.45% 1.18% 1.59%	Unknown	0%	0%	0.38%	0.53%
Weather 3.01% 3.45% 1.18% 1.59%	999 Cause Unknown	•			
	Weather	3.01%	3., 45%		
	500 Lightning	3.01%	3.45%	1.18%	1.59%

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	

			tals	5 Year Average	
		SAIDI	SAIFI	SAIDI SAIFI	
	Total Minutes/Frequency	72.75	.50	272.41 2.38	
Weather		3.01%	3.45%	1.18% 1.59%	

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

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

•		station:		CLA			
	1/1/2022 12:00	:00 AM to 1	<u>2/3Ū/202⋛</u> ₹:	:59 2 59 PM			
Substation	SIDEVIEW			60.			
Substation Location			HERBIGID	_ <u>.</u>			
Circuit	164 Donaldson	<u>ī</u>	R Ž	STS			
Circuit Location				_ Š			
Total Circuit Length (miles)			_DSON-PREWITT	_ <u>~</u> 			
Average Member Count	<u>425</u>		VIT	Ų ≶			
Date of last Trim			VITT-(2015	_ ∑			
			£	-OLSON RD-WINCHESTER			
			als $\stackrel{>}{\sim}$	TS	5 Year A	_	
		SAIDI	SAIFI ∽	E D	SAIDI	SAIFI	
Total Minut	es/Frequency	393.90	2.55		1,026.57	8.22	
Animals		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						•	
Equipment or Installation/Desi	gn	1.97%	4.62%	•	5.89%	9.38%	
300 Material or Equipment Fa	ult/Failure	0.59%	1.75%		5.07%	8.02%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		1.38%	2.86%		0.82%	1.37%	
350 Miscoordination of Prote	ection Devices						
360 Other Equipment Installa	tion/Design						
Maintenance	•	86.97%	87.53%		63.99%	47.69%	
400 Decay/Age of Material/Eq	quipment	15.36%	38.97%		5.98%	12.26%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		10.76%	7.57%		7.17%	6.16%	
430 Tree failure from overha	ng or dead tr	60.85%	41.00%		50.85%	29.28%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	external)						
460 Moisture							
470 Borrower crew cuts tree						-	

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

	Totals		5 Year 2	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	393.90	2.55	1,026.57	8.22	
Maintenance	86.97%	87.53%	63.99%	47.69%	
490 Maintenance, Other					
Other	0왕	0%	0%	0 용	
800 Other			,		
801 Supervisor Review					
Planned Outage	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					
Power Supply	0%	0%	15.88%	23.76%	
000 Power Supply			15.88%	23.76%	
Public	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%	
Unknown	0.50%	1.20%	0.58%	0.87%	
999 Cause Unknown	0.50%	1.20%	0.58%	0.87%	
Weather	0.91%	2.31%	5.31%	5.20%	
500 Lightning	0.91%	2.31%	4.11%	4.68%	

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
SIDEVIEW
164 Donaldson
425
· · · · · · · · · · · · · · · · · · ·

and the state of t	Totals			5 Year A	Average	
	SAIDI	SAIFI		SAIDI	SAIFI	
Total Minutes/Frequency	393.90	2.55		1,026.57	8.22	
Weather	0.91%	2.31%	e**	5.31%	5.20%	
510 Wind, Not Trees				1.19%	0.52%	

520 Ice, Sleet, Frost, Not Trees

530 Flood

590 Weather, Other

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

Excluding Ma	jor Event Day Outage			oes and momentary	oucoges		
	Suk	ostation: S	SIDEALEM S	ĽΑ			
	1/1/2022 12:00	:00 AM to 1		59: 为 9 PM			
Substation	SIDEVIEW		HEF B ILIC				
Substation Location		D 1	ERBICIDE 2015	_ 0			
Circuit	214 Plumlick-	-Bunker Hil	<u> </u>	P			
Circuit Location				_ SC			
Total Circuit Length (miles)	0.5.5		201 R	- ž			
Average Member Count	<u>355</u>		15 H	R _D			
Date of last Trim			- -			•	
-			7	OLSON RDWINCHESTE	E W		
			als	우	5 Year A	SAIFI	
		SAIDI	SAIFI	ES	SAIDI		
	es/Frequency	178.15	1.27	``	902.55	5.93	
Animals		9.27%	15.93%	70	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%	0.448		0.12%	0.14%	
612 Animal/Large Bird		2.15%	3.10%		0.48%	0.778	
620 Animal damage-gnawing or	boring				0.000	0 050	
690 Animal, Other					0.02%	0.05%	
Equipment or Installation/Design		1.44%	1.99%	· •	0.91%	1.20%	
300 Material or Equipment Fa	ult/Failure	0.08%	0.44%		0.56%	0.77%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance					0 000	
340 Overload		1.36%	1.55%		0.29%	0.38%	
350 Miscoordination of Prote					0.050	0 050	
360 Other Equipment Installa	tion/Design				0.05%	0.05%	
Maintenance		68.04%	51.11%		76.29%	68.09%	
400 Decay/Age of Material/Eq						0.050	
410 Corrosion/Abrasion of Ma	terial/Equipm		0.4.4.00		0.04%	0.05%	
420 Tree Growth	7 .	40.92%	24.12%		18.50%	19.41%	
430 Tree failure from overham	ng or dead tr	26.26%	26.11%		57.53%	48.39%	
440 Trees With Ice/Snow	·	0.87%	0.888		0.22%	0.24%	
450 Contamination (leakage/e	xternal)						
460 Moisture							

470 Borrower crew cuts tree

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 SIDEVIEW Substation Substation Location 214 Plumlick-Bunker Hill

Circuit Location

Total Circuit Length (miles)

Average Member Count

355

Date of last Trim

Circuit

	Totals		5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	178.15	1.27	902.55	5.93	
Maintenance	68.04%	51.11%	76.29%	68.09%	
490 Maintenance, Other					
Other	0.23%	0.22%	0.05%	0.05%	
800 Other	0.23%	0.22%	0.05%	0.05%	
801 Supervisor Review					
Planned Outage	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					
Power Supply	0%	0%	0%	0%	
000 Power Supply					
Public	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					
Unknown	7.71%	8.63%	5.49%	5.81%	
999 Cause Unknown	7.71%	8.63%	5.49%	5.81%	
Weather	4.91%	6.42%	8.39%	9.51%	
500 Lightning	4:91%	6.42%	8.12%	9.18%	

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	

	Tot	als	5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Free	quency 178.15	1.27	902.55	5.93	
Weather	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

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

		bstation:	O	C L			
Substation	1/1/2022 12:00 SIDEVIEW	0:00 AM to 1	2/81/2023 3 1	:5%,59 PM →			
Substation Location	2TDEATEM						
Circuit	224 Tandar		- 뭐 '방	COOLSON			
Circuit Location	224 Judy		RBIC	<u> </u>			
Total Circuit Length (miles)			<u> </u>	_ ₋ 'S			
Average Member Count	370						
Date of last Trim	<u>370</u>		201	꼰			
Date of last Illiii			-5				
		Tot-	als	RD-WINCHE	5 Year A	lverage	
		SAIDI	SAIFI	울 -	SAIDI	SAIFI	
Total Minut	tes/Frequency	152.55	.96	N.	627.04	3.23	
Animals		0.41%	0.56%		0.52%	0.76%	
600 Small Animal/Bird		0.41%	0.56%	λ	0.44%	0.67%	
601 Squirrel		3	3.333		01110	0.070	
610 Large Animal		,					
611 Cattle Rubbing					0.08%	0.08%	
612 Animal/Large Bird					3.000	0.000	•
620 Animal damage-gnawing or	boring						
690 Animal, Other	<u> </u>						
Equipment or Installation/Desi	an	0%	0%		33.27%	10.82%	
300 Material or Equipment Fa	ult/Failure				33.27%	10.82%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa							
Maintenance		70.89%	65.25%		52.35%	48.32%	
400 Decay/Age of Material/Eq	uipment	0.25%	0.28%		0.96%	1.26%	
410 Corrosion/Abrasion of Ma	terial/Equipm				-		
420 Tree Growth	-	57.37%	55.65%		14.25%	17.03%	
430 Tree failure from overha	ng or dead tr	13.27%	9.32%		37.14%	30.03%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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		<u> </u>	
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	
Total Minutes/Frequency	152.55	. 96	627.04	3.23	
Maintenance	70.89%	65.25%	52.35%	48.32%	
490 Maintenance, Other					
Other	0 응	0%	O%	08	
800 Other					
801 Supervisor Review			•		
Planned Outage	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%	
Power Supply	0%	0%	. 0%	0%.	
000 Power Supply					
Public	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					
Unknown	0%	0%	0.04%	0.17%	
999 Cause Unknown		. *	0.04%	0.17%	
Weather	10.55%	9.32%	3.10%	3.10%	
500 Lightning	10.55%	9.32%	2.79%	3.02%	

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	

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	152.55	. 96	627.04	3.23
Weather	10.55%	9.32%	3.10%	3.10%
510 Wind, Not Trees				
520 Ice, Sleet, Frost, Not Trees			0.30%	0.08%
530 Flood				
F.0.0			· ·	

590 Weather, Other

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

	Tota	als	5 Year A	verage
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency				
Animals	0 응	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				
Equipment or Installation/Design	0%	0%	0%	08
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				
Maintenance	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				

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	+ MT-1
Circuit	244 Judy
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	
Date of last Trim	

	Tot	als	5 Year Averag	je
	SAIDI	SAIFI	SAIDI SAIE	'I
Total Minutes/Frequency				
Maintenance	0%	0%	0%	0%
490 Maintenance, Other				
Other	0 응	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	0 응	0%	0%	0%
100 Construction				
110 Maintenance				
190 Other Planned				
Power Supply	0 응	0%	0%	0용
000 Power Supply				
Public	0%	0%	0%	0왕
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				
Unknown	0%	0%	0%	0%
999 Cause Unknown				
Weather	0 %	0%	0%	0%
500 Lightning				

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	
	Total Minutes/Frequency				
Weather		0%	08	0%	

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

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

Su	ubstation:	Z MOTUKETS	PO	- <u>,</u>	
1/1/2022 12:00 Substation STANTON	0:00 AM to 1	2/344/2022/2011	:59 ≷ 59 PM		
Substation Location		E S	Fo		
Circuit 114 Maple St			- 8		
Circuit Location			Ŧ		
Total Circuit Length (miles)		·	HALL:		
Average Member Count 425		<u></u>	_		
Date of last Trim			-S		
bacco of fact film		.	TA		
	 rot	als	LN-STANTON	5 Year A	verage
	SAIDI	SAIFI	ž	SAIDI	SAIFI
Total Minutes/Frequency	41.25	.56		328.13	2.68
Animals	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					
Equipment or Installation/Design	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					
Maintenance	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					

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

	Totals		5 Year A	5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI		
Total Minutes/Frequency	41.25	.56	328.13	2.68		
nance	21.418	17.15%	17.72%	28.35%		
O Maintenance, Other	*		0.02%	0.18%		
	0%	0%	0%	0%		
0 Other			•			
1 Supervisor Review						
d Outage	63.46%	52.72%	13.52%			
0 Construction	41.55%	45.61%	10.59%	15.49%		
0 Maintenance	21.90%	7.11%	2.93%	2.02%		
0 Other Planned			-			
Supply	0 응	0%	0%	0%		
0 Power Supply						
	0 응	0%	0.93%	0.62%		
0 Customer-Caused			0.93%	0.62%		
O Motor Vehicle						
0 Aircraft						
0 Fire						
O Public Cuts Tree						
0 Vandalism						
O Switching error or caused by construc						
O Public, Other						
n	0용	0%	1.28%	2.82%		
9 Cause Unknown			1.28%	2.82%		
r	0%	0%	51.53%	36.80%		
O Lightning			51.28%	36.71%		
r	0%	0%	51.53%	36.80%		

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	<u>425</u>
Date of last Trim	

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

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

Excluding M	ajor Event Day Outage			ages and Momentary	Outages		
		bstation:		۷O			
	1/1/2022 12:00	:00 AM to 1	2/11/2087 61	:59 <u>4</u> 59 PM			
Substation	STANTON		TER R	F			
Substation Location	104 75		CABLE	-c ₋ .			
Circuit	124 Morris Cı	ree <u>k</u>	Έ	į.			
Circuit Location			_	HALLS			
Total Circuit Length (miles)	700						
Average Member Count	<u>729</u>		유	Ż			
Date of last Trim			MORRIS	LN- STANTON			
			S	Ź			
			als S	9	5 Year A	-	
	•—	SAIDI	SAIFI 🖺	2	SAIDI	SAIFI	
	es/Frequency	311.56	2.79 ㅈ		853.60	8.49	
Animals		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							
Equipment or Installation/Design		2.14%	3.34%		22.53%	19.60%	
300 Material or Equipment Fa	ult/Failure	1.84%	2.65%		22.37%	19.32%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		0.31%	0.69%		0.16%	0.28%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		83.73%	75.32%		59.42%	52.89%	
400 Decay/Age of Material/Eq		53.32%	30.58%		20.02%	10.70%	
410 Corrosion/Abrasion of Ma	terial/Equipm	0.01%	0.05%		0.00%	0.02%	
420 Tree Growth		0.24%	0.29%		2.25%	4.50%	
430 Tree failure from overham	ng 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/e	xternal)						
460 Moisture							

470 Borrower crew cuts tree

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	

	Tot	als	5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	311.56	2.79	853.60	8.49	
Maintenance	83.73%	75.32%	59.42%	52.89%	g.
490 Maintenance, Other					
Other	0%	0%	0.8	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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%	
Power Supply	0%	0%	O 응	0 용	
000 Power Supply					
Public	4.62%	0.49%	5.41%	2.40%	
700 Customer-Caused	4.43%	0.05%	3.67%	0.13%	
710 Motor Vehicle	0.19%	0.448	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					
Unknown	0.47%	0.84%	0.65%	0.81%	•
999 Cause Unknown	0.47%	0.84%	0.65%	0.81%	
Weather	5.43%	7.33%	2.43%	2.94%	
500 Lightning	5.43%	7.33%	2.36%	2.91%	

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	
STANTON	
124 Morris Creek	
729	
	STANTON

	Totals		5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	311.56	2.79	853.60	8.49	
Weather	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%	

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

		bstation:	STANTON	PC			
Substation	1/1/2022 12:00	:00 AM to 1	-> 4 -	:5 <u>2</u> 59 PM			
Substation Substation Location	STANTON		NTOWN	Ē			
Circuit	144 Downtown			_'			
Circuit Location	T44 DOWITCOWII		Ž	·,			
Total Circuit Length (miles)				HALLS			
Average Member Count	506		· · · · · · · · · · · · · · · · · · ·	<u>É</u>			
Date of last Trim	<u>300</u>			S			
- 400 01 1400 111H				Z			
		Tot	als	ST/	5 Year A	werage	
		SAIDI	SAIFI	Ę	SAIDI	SAIFI	
Total Minut	ces/Frequency	39.06	.57	LN-STANTON	176.62	2.59	
Animals		17.46%	40.21%		13.33%	26.13%	
600 Small Animal/Bird		17.46%	40.21%		3.88%	8.81%	
601 Squirrel				7	9.46%	17.32%	
610 Large Animal					•	_,,,_,	
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other							
Equipment or Installation/Desi		13.95%	10.14%		8.89%	5.90%	
300 Material or Equipment Fa	ult/Failure	7.11%	3.85%		7.38%	4.52%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		6.83%	6.29%		1.52%	1.38%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		18.29%	12.24%	•	59.73%	51.80%	
400 Decay/Age of Material/Eq					1.37%	1.07%	
410 Corrosion/Abrasion of Ma 420 Tree Growth	terial/Equipm				0 4 60		
430 Tree failure from overha	na or dood tr	1 010	6 200		0.16%	0.08%	
440 Trees With Ice/Snow	ng or dead if	4.01% 14.28%	6.29% 5.94%		55.03%	49.35%	
450 Contamination (leakage/e	yternal)	14.∠06	0.948		3.17%	1.30%	
460 Moisture	actiul /						
470 Borrower crew cuts tree							

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 Date of last Trim	506	

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	39.06	.57	176.62	2.59
Maintenance	18.29%	12.24%	59.73%	51.80%
490 Maintenance, Other		*		
Other	0%	0%	0%	0%
800 Other				•
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	0%	0%	0%
000 Power Supply				
Public	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				
Unknown	0%	0%	0.62%	1.15%
999 Cause Unknown			0.62%	1.15%
Weather	15.75%	13.29%	3.88%	3.22%
500 Lightning	0.88%	0.35%	0.42%	0.23%

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	

	Tot	aĺs	5 Year Average	
•	SAIDI	SAIFI	SAIDI SAIFI	
Total Minutes/Frequency	y 39.06	57	176.62 2.59	
Weather	15.75%	13.29%	3.88% 3.22%	
510 Wind, Not Trees	14.87%	12.94%	3.46% 2.99%	

⁵²⁰ Ice, Sleet, Frost, Not Trees

⁵³⁰ Flood

⁵⁹⁰ Weather, Other

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

		ibstation:		POVER			
Substation	1/1/2022 12:00 STANTON	D:UU AM to I		59 PM			
Substation Location	DIAMION			F			
Circuit	154 Hatton C:	rk-Furnance	\	-0			
Circuit Location	134 Haccon C.	LK LULITATION	Ξ Π	±			
Total Circuit Length (miles)				COHALLS			
Average Member Count	543		<u> </u>	–K			
Date of last Trim	<u> </u>		2	5			
Jaco of Labo IIIm			CREEK-FURNAC	LN-STANTON			
		Tot	Ш	TA	5 Year A	verage	
		SAIDI	SAIFI	Z -	SAIDI	SAIFI	
Total Minus	tes/Frequency	150.48	1.71	9	851.30	7.74	
Animals		1.25%	2.05%			1.81%	
600 Small Animal/Bird		1.200	2.000		0.05%	0.07%	
601 Squirrel		1.25%	2.05%		1.23%	1.74%	
610 Large Animal		1.00	2.000		1.200	1.,10	
611 Cattle Rubbing							
612 Animal/Large Bird							
620 Animal damage-gnawing or	boring						
690 Animal, Other	J						
Equipment or Installation/Desi	gn	8.94%	14.58%		6.14%	9.03%	
300 Material or Equipment Fa		5.64%	7.56%		5.32%	6.91%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload		3.30%	7.02%		0.82%	2.12%	
350 Miscoordination of Prote	ection Devices						
360 Other Equipment Installa	tion/Design						
Maintenance		76.89%	70.41%		48.49%	56.75%	
400 Decay/Age of Material/Eq	,	0.60%	0.54%		10.39%	14.65%	
410 Corrosion/Abrasion of Ma	terial/Equipm				0.06%	0.19%	
420 Tree Growth		2.29%	2.05%		0.52%	0.62%	
430 Tree failure from overha	ing 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/e	external)						
460 Moisture							
470 Borrower crew cuts tree		1.66%	5.72%		0.29%	1.26%	

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	

	Totals		5 Year 1	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	150.48	1.71	851.30	7.74
Maintenance	76.89%	70.41%	48.49%	56.75%
490 Maintenance, Other				
Other	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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%
Power Supply	0%	0%	0%	0%
000 Power Supply				
Public	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%
Unknown	4.88%	4.43%	2.31%	2.60%
999 Cause Unknown	4.88%	4.43%	2.31%	2.60%
Weather	2.06%	2.16%	11.47%	5.38%
500 Lightning	2.06%	2.16%	1.14%	1.38%

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	

	Tot	als	5 Year A	verage	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Freque	ency 150.48	1.71	851.30	7.74	
Weather	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%	

Excluding Major Event Day Outages, Customer Responsible Outages and Momentary Outages $\stackrel{\sim}{\sim} \stackrel{\sim}{\sim} \stackrel{<}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim} \stackrel{>}{\sim$

-	Subs	tation: TH	REE FORK	MAD			
	1/1/2022 12:00	0:00 AM to 1:	2/31/2022 % 5 5	9: 9 PM			
Substation	THREE FORKS		O Z	Ž			
Substation Location				 			
Circuit	214 Madison V	Village	F				
Circuit Location		<u> </u>		THREE			
Total Circuit Length (miles)			<u>m</u> _				
Average Member Count	467			点 -			
Date of last Trim				- 8			
			_	FORKS RD-RICHMOND	F 37 3		
		Tot		౽	5 Year A	-	
		SAIDI	SAIFI	Ž	SAIDI	SAIFI	
Total Minu	tes/Frequency	211.98	2.35	<u> </u>	980.36	9.25	
Animals		0.67%	0.91%	6	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				V			
620 Animal damage-gnawing or	r boring						
690 Animal, Other					10 000	11 070	
Equipment or Installation/Desi		42.41%	43.17%		10.23%	11.97%	
300 Material or Equipment Fa	ault/Failure	42.07%	42.90%		10.07%	11.81%	
310 Installation Fault							
320 Conductor Sag or Inadequ	late Clearance	0 040	0.070		0 150	0.16%	
340 Overload		0.34%	0.27%		0.15%	0.100	
350 Miscoordination of Prote							
360 Other Equipment Installa	ation/Design	00 000	F 070		CD 039	58.92%	
Maintenance		20.29%	5.37%		68.83% 15.93%	11.07%	
400 Decay/Age of Material/Ed					10.936	11.076	
410 Corrosion/Abrasion of Ma	aterial/Equipm	0.10%	0.09%		11.41%	12.28%	
420 Tree Growth		20.19%	5.28%		41.24%	35.53%	
430 Tree failure from overha	ang or dead tr	_ ∠∪.⊥೨೮	J. 205	,	41.245	20.22	
,							
450 Contamination (leakage/e	external)				0.24%	0.05%	
460 Moisture					V.246	0.00%	
470 Borrower crew cuts tree							

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 A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	211.98	2.35	980.36	9.25
Maintenance	20.29%	5.37%	68.83%	58.92%
490 Maintenance, Other				
Other	0.07%	0.18%	0.01%	0.05%
800 Other	0.07%	0.18%	0.01%	0.05%
801 Supervisor Review				
Planned Outage	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				
Power Supply	27.83%	42.53%	6.04%	10.86%
000 Power Supply	27.83%	42.53%	6.04%	10.86%
Public	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				
Unknown	2.86%	2.468	0.87%	0.98%
999 Cause Unknown	2.86%	2.46%	0.87%	0.98%
Weather	2.62%	1.55%	1.08%	1.16%
500 Lightning	2.62%	1.55%	1.08%	1.16%

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	

		Tot	als	5 Year Average	
		SAIDI	SAIFI	SAIDI SAIFI	
	Total Minutes/Frequency	211.98	2.35	980.36 9.25	
Weather		2.62%	1.55%	1.08% 1.16%	

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

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

Substation: THREE FORKS 1/1/2022 12:00:00 AM to 12/21/2022 91:5 \$\overline{9}\$ 59 PM SON Substation 9,0 THREE FORKS Substation Location CO.-THRE Circuit 224 Ford Circuit Location Total Circuit Length (miles) Average Member Count 332 **FORKS** Date of last Trim RD.- RICHMOND Totals 5 Year Average SAIDI SAIFI SAIDI SAIFI Total Minutes/Frequency 593.97 2.57 1,173.84 7.26 Animals 2.55% 6.80% 4.33% 2.798 600 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 Equipment or Installation/Design 0.30% 0.59% 13.30% 24.52% 300 Material or Equipment Fault/Failure 0.04% 0.128 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 Maintenance 3.08% 5.04% 12.33% 12.28% 400 Decay/Age of Material/Equipment 0.248 0.23% 0.43% 0.54% 410 Corrosion/Abrasion of Material/Equipm 420 Tree Growth 1.12% 1.88% 3.10% 2.96%

1.728

2.93%

440 Trees With Ice/Snow

450 Contamination (leakage/external)

430 Tree failure from overhang or dead tr

460 Moisture

470 Borrower crew cuts tree

8.78%

8.80%

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	

	Tot	als	5 Year 1	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	593.97_	_2.57	1,173.84	7.26
Maintenance	3.08%	5.04%	12.33%	12.28%
490 Maintenance, Other				
Other	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	30.07%	39.04%	15.26%	13.86%
000 Power Supply	30.07%	39.04%	15.26%	13.86%
Public	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%
Unknown	1.64%	4.92%	9.08%	9.74%
999 Cause Unknown	1.64%	4.92%	9.08%	9.74%
Weather	0.22%	0.47%	11.58%	14.78%
500 Lightning	0.22%	0.47%	6.20%	8.95%

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

Substation: THREE FORKS

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

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	593.97	2.57	1,173.84	7.26
Weather	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%

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

Substation: THREE FORKS 1/1/2022 12:00:00 AM to 12/製/20製品1:55559 PM Substation SON CO.-THRE THREE FORKS U Substation Location Circuit 234 Three Forks-Pineur Rd Circuit Location Total Circuit Length (miles) Average Member Count 152 FORKS RD-RICHMOND Date of last Trim Totals 5 Year Average SAIDI SAIFI SAIDI SAIFI Total Minutes/Frequency 263.14 2.16 634.79 4.85 Animals 2.39% 2.748 11.03% 14.62% 600 Small Animal/Bird 2.39% 2.748 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 Equipment or Installation/Design 6.63% 4.888 19.46% 15, 168 300 Material or Equipment Fault/Failure 4.47% 2.748 18.56% 14.21% 310 Installation Fault 320 Conductor Sag or Inadequate Clearance 340 Overload 2.16% 2.13% 0.90% 0.968 350 Miscoordination of Protection Devices 360 Other Equipment Installation/Design Maintenance 63.43% 39.94% 52.50% 41.53% 400 Decay/Age of Material/Equipment 2.05% 2.748 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% 23.778 440 Trees With Ice/Snow 450 Contamination (leakage/external)

460 Moisture

470 Borrower crew cuts tree

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	

	Tot	als	5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	. **
Total Minutes/Frequency	263.14	2.16	634.79	4.85	
Maintenance	63.43%	39.94%	52.50%	41.53%	
490 Maintenance, Other					
ther	0%	0%	08	0%	
800 Other					
801 Supervisor Review				-	
Planned Outage	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					
Power Supply	08	0용	0%	0용	
000 Power Supply					
Public	08	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	ē.				
790 Public, Other					
nknown	1.90%	3.35%	2.53%	3.83%	
999 Cause Unknown	1.90%	3.35%	2.53%	3.83%	
eather	3.24%	2.74%	2.82%	2.05%	
500 Lightning	3.24%	2.74%	1.71%	1.64%	

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	

	Totals		5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	263.14	2.16	634.79	4.85	
Weather	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%	

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

	1/1/2022 12:00	Substation:	Ошт	C -58-50 DM			
Substation	TRAPP	0:00 AM CO 1.	C 27317208 P				 _
Substation Location	<u> </u>			X CO.			
Circuit	114 Trapp Got	ffs Corner	GOFFS	-TRAPP- GOFFS			
Circuit Location		<u> </u>	FG FG	APF			
Total Circuit Length (miles)				— ა ი			
Average Member Count	218		COR 2023	_ OFF			
Date of last Trim			CORNE 2023				
		* *	.;;	OR			
		Tot	als	CORNER	5 Year A	verage	
		SAIDI	SAIFI	RD.	SAIDI	SAIFI	
Total Minut	es/Frequency	326.89	2.29	拉	1,111.00	7.12	
Animals		1.88%	3.41%	APP	1.03%	2.29%	
600 Small Animal/Bird		1.54%	2.61%	U	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							
Equipment or Installation/Desi	gn	10.02%	10.82%		10.67%	12.15%	
300 Material or Equipment Fa	ult/Failure	10.02%	10.82%		10.48%	11.95%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.19%	0.20%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		61.62%	68.74%		68.33%	62.90%	
400 Decay/Age of Material/Eq		1.01%	1.20%		2.73%	4.90%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		0.72%	1.80%		1.45%	1.63%	
430 Tree failure from overha	ng or dead tr	59.89%	65.73%		64.15%	56.37%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: TRAPP

Substation TRAPP
Substation Location
Circuit Circuit Location
Total Circuit Length (miles)
Average Member Count Date of last Trim

	Totals		5 Year	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	326.89	2.29	1,111.00	7.12	
Maintenance	61.62%	68.74%	68.33%	62.90%	
490 Maintenance, Other					
Other	0%	0%	O%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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%	
Power Supply	0%	0응	0%	0%	
000 Power Supply					
Public	15.33%	3.01%	4.87%	1.76%	
700 Customer-Caused	14.098	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%	
Unknown	10.56%	13.03%	11.71%	15.48%	
999 Cause Unknown	10.56%	· ·	11.71%	15.48%	
Weather	0%	0%	1.64%		
500 Lightning	2, 0	- 0	1.64%	2.09%	
- -			2.010	2.000	

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
	Total Minutes/Frequency	326.89	2.29	1,111.00 7.12
Weather		0%	0%	1.64% 2.09%

510 Wind, Not Trees

520 Ice, Sleet, Frost, Not Trees

530 Flood

590 Weather, Other

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

	\$	Substation:	TRAPP R	CL	-		
Substation	1/1/2022 12:00 TRAPP	0:00 AM to 1	<u> </u>				
Substation Location	IRAPP		JTT KE	CO			
Circuit	124 Red Rive	r Pd	- Z G				
Circuit Location	IZ4 Ned NIVe	<u>L Na</u>	202	GOFFS			
Total Circuit Length (miles)			<u> </u>	∺i		T.	
Average Member Count	243		·	<u>C</u>			
Date of last Trim	<u>Z 1</u> <u>J</u>	,		R N			
				~─ <u> </u>			
		Ψot	als	R D	5 Year F	werage	
		SAIDI	SAIFI	<	SAIDI	SAIFI	
Total Minut	es/Frequency	372.50	2.52	Ž	1,545.52	9.32	
Animals	300/11cquency	4.77%	1.478	CORNER RDWINCHES	2.68%	2.86%	
600 Small Animal/Bird		4.110	T • 4 / 9	EST	1.22%	1.83%	
601 Squirrel		4.77%	1.47%	TER	1.43%	0.94%	
610 Large Animal		11,70	2.170		¥ • 100	0.510	
611 Cattle Rubbing					0.03%	0.09%	
612 Animal/Large Bird					0.050	0.000	
620 Animal damage-gnawing or	boring						
690 Animal, Other	5						
Equipment or Installation/Desi	gn	4.00%	4.08%		1.10%	1.25%	
300 Material or Equipment Fa	ult/Failure	4.00%	4.08%		1.07%	1.21%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.03%	0.04%	
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa	tion/Design						
Maintenance		82.47%	77.45%		66.93%	66.32%	
400 Decay/Age of Material/Eq		0.28%	0.16%		2.98%	0.72%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		1.09%	0.65%		6.59%	5.14%	
430 Tree failure from overha	ng or dead tr	59.15%	36.76%		52.01%	49.55%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree		21.95%	39.87%		5.36%	10.91%	

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 Yea	ar Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	372.50	2.52	1,545.	52 9.32	
Maintenance	82.47%	77.45%	66.9	3% 66.32%	
490 Maintenance, Other					
Other	0 응	0%		0% 0%	
800 Other					
801 Supervisor Review					
Planned Outage	0.97%	2.29%	0.6	38 2.068	
100 Construction	0.42%	0.82%	0.3	9% 0.94%	
110 Maintenance	0.55%	1.478	0.2	5% 1.12%	
190 Other Planned					
Power Supply	0.8	0%		0% 0%	
000 Power Supply	•				
Public	0.34%	0.82%	5.9	6% 3.35%	
700 Customer-Caused	0.02%	0.16%	2.8		•
710 Motor Vehicle	0.16%	0.16%	0.0		
720 Aircraft					
730 Fire	•				
740 Public Cuts Tree	0.16%	0.49%	2.4	2% 2.95%	
750 Vandalism			2	2.300	
760 Switching error or caused by construc					
790 Public, Other			0.6	6% 0.09%	
Unknown	6.34%	12.09%	15.3		
999 Cause Unknown	6.34%	12.09%	15.3		-
Weather	1.10%	1.80%	7.3		
500 Lightning	1.10%	1.80%	7.3	=	
, - -	T.TO0	1.000	7.3	U7 J.408	

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	
Date Of Tast IIII	

		Tot	als	5 Year Average	
		SAIDI	SAIFI	SAIDI SAIFI	
	Total Minutes/Frequency	372.50	2.52	1,545.52 9.32	
Weather		1.10%	1.80%	7.38% 5.46%	

⁵¹⁰ Wind, Not Trees

⁵²⁰ Ice, Sleet, Frost, Not Trees

⁵³⁰ Flood

⁵⁹⁰ Weather, Other

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

	1/1/2022 12:00	Substation:	10 7()	C C C			
Substation	TRAPP	O: OU AM to 1		2 P P P P P P P P P P P P P P P P P P P			
Substation Location	11011		LICK FEED	CO			
Circuit	134 Log Lick	Rd	7 7	CO-GOFFS			
Circuit Location	101 109 111011		TIN	OFF.			
Total Circuit Length (miles)							
Average Member Count	343		2023	~ Ö	•		
Date of last Trim	<u></u>			CORNER	•		
							
		Tot	als	TRAPP	5 Year A	verage	
		SAIDI	SAIFI	PP	SAIDI	SAIFI	
Total Minut	tes/Frequency	114.02	∺.71		425.94	2.36	
Animals		3.43%	9 6.53%		2.51%	6.88%	
600 Small Animal/Bird		0.43%	$\frac{3}{3}_{1.22\%}$		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							
Equipment or Installation/Desi		10.018	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 Inadequ	ate Clearance						
340 Overload					0.13%	0.25%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		42.70%			42.37%	36.25%	
400 Decay/Age of Material/Eq		0.90%	1.22%		0.30%	0.50%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth			_		0.37%	0.75%	
430 Tree failure from overha	ng or dead tr	40.76%	29.39%		41.42%	34.38%	
440 Trees With Ice/Snow	7.	1.04%	2.04%		0.28%	0.63%	
450 Contamination (leakage/e	xterna⊥)						
460 Moisture							
470 Borrower crew cuts tree							

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	<u>343</u>
Date of last Trim	

	Totals		5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	114.02	.71	425.94	2.36	
Maintenance	42.70%	32.65%	42.37%	36.25%	
490 Maintenance, Other					
Other	0%	0%	0%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	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					
Power Supply	0 응	0 응	0%	0%	
000 Power Supply					
Public	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%	
Unknown	3.89%	15.51%	8.48%	18.38%	
999 Cause Unknown	3.89%	15.51%	8.48%	18.38%	
Weather	1.76%	2.45%	26.52%	13.63%	
500 Lightning	1.76%	2.45%	15.14%	10%	

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	
Date of fast Trim	

	Tot	als	5 Year A	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	114.02	.71	425.94	_2.36 _	
Weather	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%	

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

	Sub 1/1/2022 12:00	station: I	<u> </u>	C L 59 3 059 PM			
Substation	TREEHAVEN	.00 141 00 1					
Substation Location			AR	CO			
Circuit	104 Jenmar			RO			
Circuit Location				_ C S			
Total Circuit Length (miles)				_			
Average Member Count	74			<u> </u>			
Date of last Trim				~ Õ			
				-ROCKWELL RD-WINCHESTER			
			als	쑮	5 Year A	_	
		SAIDI	SAIFI	EST	SAIDI	SAIFI	
	es/Frequency	28.70	.20		139.26	1.79	
Animals		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							
Equipment or Installation/Desi	-	0%	0%		14.00%	20.61%	
300 Material or Equipment Fa	ult/Failure						
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance				4	00 640	
340 Overload		-			14.00%	20.61%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design	10 100	C C70		1- 100	10 000	
Maintenance		18.13%	6.67%		15.16%	12.98%	
400 Decay/Age of Material/Eq 410 Corrosion/Abrasion of Ma		18.13%	6.67%		5.11%	2.29%	
420 Tree Growth	rerrar/ mdarbu						
430 Tree failure from overha	ng or doad to				10.05%	10.69%	
440 Trees With Ice/Snow	ng or dead tr				10.03%	10.696	
450 Contamination (leakage/e	yternal)						
460 Moisture	v ceriat						
470 Borrower crew cuts tree							

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 Date of last Trim

Name		Tot	Totals		5 Year 2	Average	
Maintenance 18.13% 6.67% 15.16% 12.98% 490 Maintenance, Other 0% 0% 0% 0% Other 0% 0% 0% 0% 800 Other Supervisor Review 66.34% 53.33% 47.36% 31.30% Planned Outage 66.34% 53.33% 47.36% 31.30% 100 Construction 30.57% 10.69% 10.69% 110 Maintenance 66.34% 53.33% 16.79% 20.61% 190 Other Planned 0% 0% 0% 0% Power Supply 0% 0% 0% 0% Public 0% 0% 0% 0% Public Outsomer-Caused 700 Customer-Caused 70 0% 0% 0% 710 Motor Vehicle 72 Aircraft 72 74 Public Cuts Tree 74 74 Public Outs Tree 75 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74 74		SAIDI	SAIFI		SAIDI	SAIFI	
## A 190 Maintenance, Other Other	Total Minutes/Frequency	_ 28.70 _	.20		139.26	1.79	
Other 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 31.30% 31.30% 31.30% 31.30% 31.30% 30.57% 10.69% </td <td>Maintenance</td> <td>18.13%</td> <td>6.67%</td> <td>,</td> <td>15.16%</td> <td>12.98%</td> <td></td>	Maintenance	18.13%	6.67%	,	15.16%	12.98%	
800 Other 801 Supervisor Review Planned Outage 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 Power Supply 0% 0% 0% 0% 0% 0% 000 Power Supply 0% 0% 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 Unknown	490 Maintenance, Other						
## Supervisor Review Planned Outage	Other	0%	0%		0%	0%	
Planned Outage 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 0% 0% 0% 0% Power Supply 0% 0% 0% 0% 0% Public 0% 0% 0% 0% 0% 0% 700 Customer-Caused 710 Motor Vehicle 720 Aircraft 720 Aircraft 730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construct 790 Public, Other 0% 0% 0% 0% 0%	800 Other						
100 Construction 110 Maintenance 110 Maintenance 110 Other Planned Power Supply	801 Supervisor Review						
110 Maintenance 66.34% 53.33% 16.79% 20.61% 190 Other Planned Power Supply 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	Planned Outage	66.34%	53.33%	· -	47.36%	31.30%	
190 Other Planned 190	100 Construction				30.57%	10.69%	
Power Supply 0%	110 Maintenance	66.34%	53.33%		16.79%	20.61%	
Public 0% 0	190 Other Planned						
Public 0%	Power Supply	0%	0%		0 용	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 Unknown 0% 0% 0%	000 Power Supply						
710 Motor Vehicle 720 Aircraft 730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0%	Public	08	0용	•	0%	0%	
720 Aircraft 730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other 780 O% 780 O%	700 Customer-Caused					•	
730 Fire 740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0%	710 Motor Vehicle						
740 Public Cuts Tree 750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0%	720 Aircraft						
750 Vandalism 760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0% 0%	730 Fire			•		·	
760 Switching error or caused by construc 790 Public, Other Unknown 0% 0% 0% 0%	740 Public Cuts Tree			•			
790 Public, Other Unknown 0% 0% 0% 0%	750 Vandalism						
790 Public, Other Unknown 0% 0% 0% 0% 0%	760 Switching error or caused by construc						
	Unknown	08	0%		0%	0% .	
999 Cause Unknown	999 Cause Unknown			•			
Weather 0% 0% 9.36% 10.69%	Weather	0%	0%		9.36%	10.69%	
500 Lightning 9.36% 10.69%	500 Lightning						

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

	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	
·	

		Tot	als	5 Year Average	
		SAIDI	SAIFI	SAIDI SAIFI	
<u> </u>	Total Minutes/Frequency	28.70_	. 20	139.26 1.79	
Weather		0%	0%	9.36% 10.69%	

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

	Sub	station: T	REEHAVEM	CL			
	1/1/2022 12:00	:00 AM to 1	2/3萬/2029 ⊈1:	59 2 59 ₽M			
Substation	TREEHAVEN		···	CO.			
Substation Location			ERN STA				
Circuit	114 Southern	States	IS	-ROCKWELL			
Circuit Location	<u> </u>			_ C _ S			
Total Circuit Length (miles)			S.	_ ≷			
Average Member Count	<u>8</u>			Ę			
Date of last Trim				_ Q			
				RD-WINCHESTE			
		Tot	als	Ë	5 Year Av	erage	
		SAIDI	SAIFI	E S	SAIDI	SAIFI	
Total Minut	es/Frequency	25.00	. 25		47.50	.50	
Animals		08	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							
Equipment or Installation/Desi		0%	0%		0%	0%	
300 Material or Equipment Fa	ult/Failure						
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote	ction Devices						
360 Other Equipment Installa	tion/Design						
Maintenance		888	50%		46.32%	25%	
400 Decay/Age of Material/Eq	uipment						
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth							
430 Tree failure from overha	ng or dead tr	888	50%		46.32%	258	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

	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	
Date of last Trim	

	Tot	als	5 Year 2	Average	
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	25.00	. 25	47.50	.50	
Maintenance	888	50%	46.32%	25%	
490 Maintenance, Other					
Other	0왕	0%	0%	0%	
800 Other					
801 Supervisor Review					
Planned Outage	12%	50%	6.32%	25%	
100 Construction					
110 Maintenance	128	50%	6.32%	25%	
190 Other Planned					
Power Supply	0 용	0 %	08	0%	
000 Power Supply					
Public	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					
Unknown	0%	0%	0%	0%	
999 Cause Unknown					
Weather	0%	0%	0%	0%	
500 Lightning					

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

1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM
TREEHAVEN
114 Southern States
<u>8</u>

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

⁵¹⁰ Wind, Not Trees

⁵²⁰ Ice, Sleet, Frost, Not Trees

⁵³⁰ Flood

⁵⁹⁰ Weather, Other

Excluding Ma	ijor Event Day Outage	station: T	_	P and Momentary	Outages		
	1/1/2022 12:00	:00 AM to 1	2/試/20 2 2四1:5	.A 5 9 2.59 PM			
Substation	TREEHAVEN		<u>-, dh, 10 111 1</u>	CO.			
Substation Location			Ⅱ A ≤ M Z				
Circuit	134 Treehaver	ב	m Z	-ROCKWELL			
Circuit Location				-X			
Total Circuit Length (miles)				- ·			
Average Member Count	<u>95</u>			R _P			
Date of last Trim				<u> </u>			
•				RD-WINCHESTER			
		-	als	STE	5 Year A	=	
	4	SAIDI	SAIFI	뀠	SAIDI	SAIFI	
	es/Frequency	141.64	1.48		262.70	2.76	
Animals		65.90%	65.25%		52.96%	49.42%	
600 Small Animal/Bird	1	42.60%	41.84%		23.46%	22.96%	
601 Squirrel		23.30%	23.40%		28.57%	24.90%	
610 Large Animal							
611 Cattle Rubbing					0.000	4 5 60	
612 Animal/Large Bird	1				0.93%	1.56%	
620 Animal damage-gnawing or	boring						
690 Animal, Other		0.0	0.0		0.000	11 000	
Equipment or Installation/Designation 300 Material or Equipment Fa		0%	0%		8.90%	11.28%	
310 Installation Fault	uic/raiiule						
320 Conductor Sag or Inadequ	ato Clearance						
340 Overload	ace cicarance				8.90%	11.28%	
350 Miscoordination of Prote	ction Devices				0.50%	11.200	
360 Other Equipment Installa							
Maintenance	01011, 0001911	0%	0%		0%	0%	
400 Decay/Age of Material/Eg	uipment	0.0	0.0		0 0	0 0	
410 Corrosion/Abrasion of Ma	<u> </u>						
420 Tree Growth	- -						
430 Tree failure from overha	ng or dead tr						
440 Trees With Ice/Snow	-			~			
450 Contamination (leakage/ex	xternal)						
460 Moisture				*			
470 Borrower crew cuts tree							

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

	1/1/2022 12:00:00 AM to 12/31/2022 11:59:59 PM
Substation	TREEHAVEN
Substation Location	
Circuit	134 Treehayen
Circuit Location	
Total Circuit Length (miles)	
Average Member Count	<u>95</u>
Date of last Trim	

	Tot	als		5 Year 1	Average	
	SAIDI	SAIFI		SAIDI	SAIFI	
Total Minutes/Frequency	141.64	1.48		262.70	2.76	
Maintenance	08	0%		0%	0%	
490 Maintenance, Other				•		
Other	0%	0%		0%	0%	
800 Other						
801 Supervisor Review						
Planned Outage	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						
Power Supply	0%	0%		0%	0%	
000 Power Supply						
Public	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			•			
Jnknown	1.40%	4.96%	4	16.36%	15.18%	
999 Cause Unknown	1.40%	4.96%	•	16.36%	15.18%	
Jeather State of the State of t	19.86%	23.40%		10.94%	12.84%	
500 Lightning	19.86%	23.40%		10 94%	12.84%	

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

	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	<u>95</u>
Date of last Trim	

		Tot	als	5 Year A	verage	
		SAIDI	SAIFI	SAIDI	SAIFI	
	Total Minutes/Frequency	141.64	1.48	262.70	2.76	
Weather		19.86%	23.40%	10.94%	12.84%	

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

	Subs	station: U	итом сұта	Χ,			
Cubatotian	1/1/2022 12:00	0:00 AM to 1	.2/광/20중 록1:	: 59 6 59 PM			
Substation	UNION CITY) TC	SO			
Substation Location	214 Howet en I	Delay Poster Mi	_ Ž	Z			
Circuit	214 Hampton I	Rag-Four M		0			
Circuit Location			<u> </u>	[_] .⊢			
Total Circuit Length (miles) Average Member Count	E 4.0		——— <u>—</u>	<u>Z</u>			
Date of last Trim	<u>549</u>		· Ö	Š			
Date of Tast Iffill			ile RIDGE-FOUR MILE	– <u></u> Ω			
		m – 4	≦	₹	E V 7		
			als F	召	5 Year A	_	
77 - July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/ 77	SAIDI	SAIFI '''	2	SAIDI	SAIFI	
	es/Frequency	77.52	.55_	ISON COUNION CITY RD-RICHMOND	195.31	2.23	
Animals		0%	0%	₹	0.22%	0.27%	
600 Small Animal/Bird				9	0.22%	0.27%	
601 Squirrel				ō			
610 Large Animal							
611 Cattle Rubbing 612 Animal/Large Bird							
620 Animal damage-gnawing or	haring						
690 Animal, Other	DOLLING						
Equipment or Installation/Desi		27.52%	33.33%		10 110	0 130	
300 Material or Equipment Fa		3.63%	3.33%		12.11% 1.82%	9.13% 1.15%	
310 Installation Fault	idic/ratiule	3.035	3.33%		1.026	T. T.7.2	
320 Conductor Sag or Inadequ	sate Clearance						
340 Overload	ace ofearance	23.89%	30.00%		10.29%	7.98%	
350 Miscoordination of Prote	ection Devices	23.036	30.00%		10.295	7.90%	
360 Other Equipment Installa							
Maintenance	orom, pooran	67.32%	50%		49.17%	59.75%	
400 Decay/Age of Material/Eq	uinment	07.528	50%		18.79%	45.83%	
410 Corrosion/Abrasion of Ma					10.75	45.05%	
420 Tree Growth	,q <u></u>	•			1.39%	0.62%	
430 Tree failure from overha	ng or dead tr	67.32%	50%		28.99%	13.30%	
440 Trees With Ice/Snow		023	000		20.000	10.000	
450 Contamination (leakage/e	xternal)						
460 Moisture							
470 Borrower crew cuts tree							

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

Substation: UNION CITY

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	

•	Totals		5 Year 1	5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI		
Total Minutes/Frequency	77.52	.55_	195.31	2.23		
Maintenance	67.32%	50%	49.17%	59.75%		
490 Maintenance, Other						
Other	0%	0%	08	.08		
800 Other						
801 Supervisor Review						
Planned Outage	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						
Power Supply	0 응	0%	0.8	0%		
000 Power Supply						
Public	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%		
Unknown	0.48%	0.67%	26.06%	9.57%		
999 Cause Unknown	0.48%	0.67%	26.06%	9.57%		
Weather	0%	0%	2.54%	1.42%		
500 Lightning			0.11%	0.18%		

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

	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	54 <u>9</u>
Date of last Trim	

	Totals		5 Year Average		
	SAIDI	SAIFI	SAIDI	SAIFI	
Total Minutes/Frequency	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					

-	Sub	station: U	итом стт	M A		•	
	1/1/2022 12:00			.59 ⊊ 59 ₽M			
Substation	UNION CITY		ு மு	-8			
Substation Location		UNION CITY ON THE SOLUTION OF					
Circuit	224 Hacket Pl	k-Hampton	Rdg 🚆	Ö			
Circuit Location			<u> </u>	_ 🔄			
Total Circuit Length (miles)			_	_ 5			
Average Member Count	538		≦	0		**	
Date of last Trim				_ ₹			
			Rdg PIKE HAMPTON RIDGE	SON COUNION CITY RD-RICHMOND			
		Tot	als 🏻	콛	5 Year A	verage	
		SAIDI	SAIFI 🖁	呈	SAIDI	SAIFI	
Total Minut	es/Frequency	260.92	1.67 ^m	<u> </u>	653.15	4.52	
Animals		1.41%	2.90%	6	3.11%	3.72%	
600 Small Animal/Bird					0.048	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							
Equipment or Installation/Desi		12.50%	13.25%		30.96%	27.47%	
300 Material or Equipment Fa	ult/Failure	12.50%	13.25%		30.72%	27.22%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload					0.24%	0.25%	
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		78.03%	62.03%	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	34.24%	27.96%	
400 Decay/Age of Material/Eq					0.41%	0.58%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		1.19%	2.34%		1.63%	2.77%	
430 Tree failure from overha	ng or dead tr	76.83%	59.69%		32.19%	24.62%	
440 Trees With Ice/Snow							
450 Contamination (leakage/e	xterna⊥)						
460 Moisture							
470 Borrower crew cuts tree							

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

	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	

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	260.92	1.67	 653.15	4.52
Maintenance	78.03%	62.03%	 34.24%	27.96%
490 Maintenance, Other				
Other	0%	0%	0%	0%
800 Other				
801 Supervisor Review				•
Planned Outage	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%
Power Supply	2.27%	13.14%	0.91%	4.87%
000 Power Supply	2.27%	13.14%	0.91%	4.87%
Public	0용.	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				
Unknown	4.85%	6.01%	4.09%	4.798
999 Cause Unknown	4.85%	6.01%	4.09%	4.79%
Weather	0.55%	1.45%	4.56%	5.82%
500 Lightning	0.55%	1.45%	4.56%	5.82%

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

	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
	Total Minutes/Frequency	260.92	1.67	653.15 4.52
Weather		0.55%	1.45%	4.56% 5.82%

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

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

. Exernarid w	ajor Event Day Outag		_		ry Outages		
	1/1/2022 12:00	station: U	<u> </u>	MA A DEO DM			
Substation	UNION CITY	0:00 AM CO I	 +> im	(/)		<u> </u>	
Substation Location	<u></u>		SVIL	Z O			
Circuit	234 Doylesvi	lle	E	~ Ö			
Circuit Location							
Total Circuit Length (miles)				_			
Average Member Count	433			CII			
Date of last Trim				_ / ¬			
				ON COUNION CITY RD-RICHMOND			
		Tot	als	$\widetilde{\widetilde{Q}}$	5 Year A	Average	
		SAIDI	SAIFI	MO	SAIDI	SAIFI	
	es/Frequency	821.50	3.81_	<u> </u>	1,284.20	7.53	<u>-</u>
Animals		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							
Equipment or Installation/Design		24.73%	32.58%		19.72%	20.14%	
300 Material or Equipment Fa	ult/Failure	24.45%	32.40%		19.49%	19.93%	
310 Installation Fault		0.28%	0.18%		0.18%	0.09%	
320 Conductor Sag or Inadequates 340 Overload	ate Clearance						
350 Miscoordination of Prote	ation Desir				0.06%	0.12%	
360 Other Equipment Installa			-				
Maintenance	crom, pesidu	E0 070	20 100		F.C. 0.20	27 222	
400 Decay/Age of Material/Eq	uinmon+	52.37%	28.16%	•	56.83%	37.09%	
410 Corrosion/Abrasion of Ma	_				0.63%	0.64%	
420 Tree Growth	cerrary pdarbin	0.24%	0.18%		0.80%	1.20%	
430 Tree failure from overham	ng or dead tr	52.13%	27.97%		55.40%	35.25%	
440 Trees With Ice/Snow	ag or acad cr	J2.1J6	21.310		JJ.406	JJ.4J6	
450 Contamination (leakage/ex	xternal)				•		
460 Moisture							

470 Borrower crew cuts tree .

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

Substation: UNION CITY

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

	Tot	als	5	Year 1	Average	
	SAIDI	SAIFI	SA	[DI	SAIFI	
Total Minutes/Frequency	821.50	3.81	1,28	4.20	7.53	
Maintenance	52.37%	28.16%	56	.83%	37.09%	
490 Maintenance, Other						
Other	0%	0%		0용	0%	
800 Other						
801 Supervisor Review						
Planned Outage	1.71%	3.28%	5	.82%	16.31%	
100 Construction	0.98%	2.43%	2	2.38%	6.25%	
110 Maintenance	0.73%	0.85%	3	3.43%	10.06%	
190 Other Planned						
Power Supply	0%	08		0용	0%	
000 Power Supply						
Public	1.41%	0.12%	. 1	.03%	0.288	
700 Customer-Caused	1.41%	0.12%).90%	0.06%	
710 Motor Vehicle			(0.09%	0.15%	
720 Aircraft						
730 Fire						
740 Public Cuts Tree			C	.04%	0.06%	
750 Vandalism						
760 Switching error or caused by construc						
790 Public, Other						
Unknown	18.05%	26.88%	12	.278	14.93%	
999 Cause Unknown	18.05%	26.88%		.27%	14.93%	
Weather	0.32%	0.67%		.70%		
500 Lightning	0.32%	0.67%		.79%	2.42%	

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

	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	
DOCC OF TODO ITIM	

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

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 759:9 ž UNION CITY Substation CO.-UNION CITY RD. -RICHMOND Substation Location 244 Dunbar Circuit Circuit Location Total Circuit Length (miles) Average Member Count 304 Date of last Trim 5 Year Average Totals SAIDI SAIFI SAIDI SAIFI 286.26 4.88 87.38 2.32 Total Minutes/Frequency 1.35% 2.73% () 왕 () 왕 Animals 2.13% 1.08% 600 Small Animal/Bird 0.60% 0.27% 601 Squirrel 610 Large Animal 611 Cattle Rubbing 612 Animal/Large Bird 620 Animal damage-gnawing or boring 690 Animal, Other 6.23% 26.88% 12.84% 14.80% Equipment or Installation/Design 26.18% 12.57% 300 Material or Equipment Fault/Failure 12.50% 5.67% 0.57% 0.71% 0.27% 2.30% 310 Installation Fault 320 Conductor Sag or Inadequate Clearance 340 Overload 350 Miscoordination of Protection Devices 360 Other Equipment Installation/Design 47.51% 52.91% 60.52% 46.88% Maintenance 0.54% 0.20% 400 Decay/Age of Material/Equipment 0.11% 0.07% 410 Corrosion/Abrasion of Material/Equipm 0.37% 0.14% 23.77% 9.59% 420 Tree Growth 12.36% 3.40% 23.58% 43.34% 20.76% 47.80% 430 Tree failure from overhang or dead tr 440 Trees With Ice/Snow 450 Contamination (leakage/external) 460 Moisture

470 Borrower crew cuts tree

19.46%

2.32%

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

Substation: UNION CITY

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

	Tot	als	5 Year	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	87.38	2.32	286.26	4.88
Maintenance	60.52%	46.88%	47.51%	52.91%
490 Maintenance, Other				
Other	08	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				•
Power Supply	0%	0%	0%	0%
000 Power Supply	4			
Public	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			1	
750 Vandalism				
760 Switching error or caused by construc				
790 Public, Other				
Unknown	0%	0%	2.94%	1.76%
999 Cause Unknown			2.94%	1.76%
Weather	1.30%	0.71%	8.59%	4.59%
500 Lightning	1.30%	0.71%	8.00%	4.32%

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

	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	
Total Minutes/Frequency	87.38	2.32	286.26	4.88	
Weather	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		N.			

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

BACING IN	Sub				ary outages		
	1/1/2022 12:00	0:00 AM to 1	2/3H202AP:	59: ₹ 9 PM			
Substation	VAN METER		WE 201	- 2			
Substation Location			E	_ Ö			
Circuit	104 Rockwell		L RD	Š			
Circuit Location				- Z			
Total Circuit Length (miles)				_			
Average Member Count	<u>64</u>			Ħ R			
Date of last Trim		· 		- R			
				¥			
		Tot	als	NC C	5 Year <i>F</i>	verage	
		SAIDI	SAIFI	Ë	SAIDI	SAIFI	
Total Minut	es/Frequency	707.38	3.38	X COVAN METER RD-WINCHESTER	1,157.05	5.70	
Animals		0응	0%	$\ddot{\varkappa}$	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							
Equipment or Installation/Design		0용	0%		0.51%	0.55%	
300 Material or Equipment Fa	ult/Failure				0.51%	0.55%	
310 Installation Fault							
320 Conductor Sag or Inadequ	ate Clearance						
340 Overload							
350 Miscoordination of Prote							
360 Other Equipment Installa	tion/Design						
Maintenance		96.50%	93.06%		84.70%	73.97%	
400 Decay/Age of Material/Eq					1.04%	1.10%	
410 Corrosion/Abrasion of Ma	terial/Equipm						
420 Tree Growth		16.12%	29.63%		10.01%	17.81%	
430 Tree failure from overham	ng 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/ex	xternal)						
460 Moisture							

470 Borrower crew cuts tree

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

Substation: VAN METER

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

	Tot	als	5 Year A	Average
	SAIDI	SAIFI	SAIDI	SAIFI
Total Minutes/Frequency	707.38	3.38	1,157.05	5.70
Maintenance	96.50%	93.06%	84.70%	73.97%
490 Maintenance, Other				
Other	0%	0%	0%	0%
800 Other				
801 Supervisor Review				
Planned Outage	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				
Power Supply	0%	0%	0%	0용
000 Power Supply				•
Public	08	0 용	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				
Unknown	0응	0용	0.30%	1.10%
999 Cause Unknown			0.30%	1.10%
Weather	0.35%	1.85%	0.50%	1.37%
500 Lightning	0.35%	1.85%	0.50%	1.37%

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
	Total Minutes/Frequency	707.38	3.38	1,157.05 5.70
Weather	:	0.35%	1.85%	0.50% 1.37%

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

SACTURATING S		station: V	ANDMETER O	Momentary Odtages		
			2/3 6/ 202 6 10: 59: 4 9 PM	1		
Substation						
Substation Location	VAN METER		P			
Circuit	134 Van Meter	Rd-Single	PHASE			
Circuit Location			<u></u>			
Total Circuit Length (miles)						
Average Member Count	54		E 22			
Date of last Trim			FEEDING			
			G) <u>-</u> <u>-</u> <u>-</u>			
		Totals SAIDI SAIFI 88.48 2.80% COVAN METER RDWINCHESTER RDING VAN METER RDWINCHESTER FEE DING G VAN METER RDWINCHESTER		5 Year 2	5 Year Average	
		SAIDI	SAIFI ≤ H	SAIDI	SAIFI	
Total Minutes/Frequency		88.48	<u>.93 🖺 SI</u>	440.33	2.89	
Animals		2.80%	6 ₽ Ä	4.00%	10.26%	
600 Small Animal/Bird		2.80%	68	3.27%	8.97%	
601 Squirrel						
610 Large Animal						
611 Cattle Rubbing	611 Cattle Rubbing			0.73%	1.28%	
612 Animal/Large Bird						
620 Animal damage-gnawing or	boring					
690 Animal, Other			•			
Equipment or Installation/Desi		0용	0%	6.31%	8.33%	
300 Material or Equipment Fa	ult/Failure			0.46%	0.64%	
310 Installation Fault						
320 Conductor Sag or Inadequ	ate Clearance					
340 Overload				5.85%	7.69%	
350 Miscoordination of Prote						
360 Other Equipment Installa	ition/Design					
Maintenance		12.64%	12%	11.52%	14.10%	
400 Decay/Age of Material/Equipment						
410 Corrosion/Abrasion of Material/Equipm						
	420 Tree Growth		100	8.98%	10.26%	
	430 Tree failure from overhang or dead tr		12용	2.54%	3.85%	
440 Trees With Ice/Snow 450 Contamination (leakage/external)						
460 Moisture	excernar)					
470 Borrower crew cuts tree						
alo porrower crew cuts tree						

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

Substation: VAN METER

	· -, -,
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 Yea		ar Average	
	SAIDI	SAIFI	SA	IDI	SAIFI	
Total Minutes/Frequency	88.48	. 93	440	. 33	2.89	
Maintenance	12.64%	 12왕	11	.52%	14.10%	— "
490 Maintenance, Other						
Other	0%	0 응		0 응	0.8	
800 Other						
801 Supervisor Review						
Planned Outage	10.55%	18%	4	.20%	23.088	
100 Construction	4.40%	6%	2	2.67%	15.38%	
110 Maintenance	6.15%	12%		.52%	7.69%	
190 Other Planned			,			
Power Supply	0%	0용		0%	0%	
000 Power Supply						
Public	0%	0용	48	.40%	0.64%	
700 Customer-Caused			48	3.40%	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				•		
Unknown	32.75%	38%	7	.03%	12.82%	
999 Cause Unknown	32.75%	38%		.03%	12.82%	
Weather	41.25%	2.6%		.53%	30.77%	
500 Lightning	41.25%	26%		.53%	30.77%	

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	
	Total Minutes/Frequency	88.48	. 93	440.33 2.89	
Weather		41.25%	26%	18.53% 30.77%	

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