



MAR 3 0 2016

Public Service Commission

March 25, 2016

Jeff DeRouen Executive Director Public Service Commission P.O. Box 615 Frankfort, KY 40602-0615

Dear Mr. DeRouen:

Enclosed is Fleming Mason Energy's Reliability Report for the calendar year of 2015 requested by the Public Service Commission's Order dated May 30, 2013 for Case No. 2011-00450.

If you have any questions or comments, please contact the office at, 1-800-464-3144 or by email at bhunt@fme.coop.

Sincerely,

Brandon Hunt, P.E. Engineering Manager

Page 1 of 24

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 FLEMING MASON ENERGY BRANDON HUNT <u>bhunt@fme.coop</u> 606-845-2661

SECTION 2: REPORTING YEAR

2015

CALENDAR YEAR OF REPORT

SECTION 3: MAJOR EVENT DAYS (MED)

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

11.4 1/1/2010 12/31/2015 5

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

	Syst	em-wide Inform	ation
TOTAL CUST	OMERS 24,025		TOTAL CIRCUITS <u>42</u>
		Excluding MED)
	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	139.60	SAIDI	123.4
SAIFI	1.22	SAIFI	0.84
		Including MED	
	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	259.45	SAIDI	362.2
SAIFI	1.57	SAIFI	1.4

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 $\rm T_{\rm MED}$

RECEIVE

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Public Service Commission

Electric Distribution Utility Annual Reliability Report

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UTILITY NAME REPORT PREPARED BY E-MAIL ADDRESS OF PREPARER PHONE NUMBER OF PREPARER FLEMING MASON ENERGY BRANDON HUNT bhunt@fme.coop 606-845-2661

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT

2015

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11.4	
1/1/2010	
12/31/2015	
5	

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- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, and T_{MED}

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

PLUMMERS LANDING 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) FLEMING, PLUMMERS LANDING RD 3. CIRCUIT NAME AND NUMBER BLUEBANK OCR 114 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) PLUMMERS LANDING, KY 32, PLUMMERS LANDING TO FLEMINGSBURG 5. TOTAL CIRCUIT LENGTH (MILES) 58.9 6. CUSTOMER COUNT FOR THIS CIRCUIT 635 7 DATE OF LAST CIRCUIT TRIM (VM) 2014 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE Equipment Failure 19.49 Tree Failure 29.26 Weather Other 0.7 Installation Fault 0 Tree w/ Ice 0 Animal 0 Conductor Sag 0 In-house Tree 0 Cust Caused 4.82 Overload 0 Lightning 38.46 Motor Vehicle 0 Decay/Age Equip 0 Wind 0 Public Cut Tree 0 Corrosion/Abrasion 0.22 Ice/Snow 0 Other 0	2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) FLEMING, PLUMMERS LANDING RD 3. CIRCUIT NAME AND NUMBER BLUEBANK OCR 114 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) PLUMMERS LANDING, KY 32, PLUMMERS LANDING TO FLEMINGSBURG 5. TOTAL CIRCUIT LENGTH (MILES) 58.9 6. CUSTOMER COUNT FOR THIS CIRCUIT 635 7 DATE OF LAST CIRCUIT TRIM (VM) 2014 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE Equipment Failure 19.49 Tree Failure 29.26 Weather Other 0.7 Installation Fault 0 Tree w/ Ice 0 Animal 0 Conductor Sag 0 In-house Tree 0 Cust Caused 4.82
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58.96. CUSTOMER COUNT FOR THIS CIRCUIT 6356.357 DATE OF LAST CIRCUIT TRIM (VM) 201420148. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSEEquipment Failure 19.49Tree Failure 29.26Weather Other 00.7Installation Fault 00Tree Wice 0Cust Caused 4.82Overload 000Lightning 038.46Motor Vehicle 00Decay/Age Equip 00Wind 00Other000	58.9 6. CUSTOMER COUNT FOR THIS CIRCUIT 635 7 DATE OF LAST CIRCUIT TRIM (VM) 2014 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE Equipment Failure 19.49 Tree Failure 29.26 Weather Other 0.7 Installation Fault 0 Tree w/ Ice 0 Animal 0 Conductor Sag 0
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6357 DATE OF LAST CIRCUIT TRIM (VM) 20148. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSEEquipment Failure Installation Fault19.490Tree Failure Tree w/ Ice29.260Animal0Conductor Sag0In-house Tree Unit of the state0Lightning38.460Decay/Age Equip00Wind00Other0	635 7 DATE OF LAST CIRCUIT TRIM (VM) 2014 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE Equipment Failure 19.49 Tree Failure 29.26 Weather Other 0.7 Installation Fault 0 Tree w/ Ice 0 Animal 0 Conductor Sag 0 In-house Tree 0 Cust Caused 4.82
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Overload0Lightning38.46Motor Vehicle0Decay/Age Equip0Wind0Public Cut Tree0Corrosion/Abrasion0.22Ice/Snow0Other0	
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Decay/Age Equip0Wind0Public Cut Tree0Corrosion/Abrasion0.22Ice/Snow0Other0	Overload 0 Lightning 38.46 Motor Vehicle 0
Corrosion/Abrasion 0.22 Ice/Snow 0 Other 0	• •
Tree Growth 0 Flood 0 Cause Unknown 5.34	
	Tree Growth 0 Flood 0 Cause Unknown 5.34
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)	
10. REPORTING YEAR (SAIDI)	
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)	11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.24 12. REPORTING YEAR (SAIFI)

0.15

13. CORRECTIVE ACTION PLAN

LIGHTNING WAS THE MAJOR CAUSE FOR THIS CIRCUIT. THIS CONSISTED OF SEVERAL SMALL LIGHTNING RELATED OUTAGES. ADDITIONAL LIGHTNING PROTECTION WILL BE INVESTIGATED.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER							
• • • • • • • • •	SNOW HILL 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)						
ROBERTSON, KY 168, PIQUA							
3. CIRCUIT NAME AN							
	COCR 114						
4. CIRCUIT LOCATIO	N (TOWN-	ROAD-GENERAL	AREA)				
BLUELIC	KS, US 68,	BLUELICKS / SH	ORT STO	NEY RD			
5. TOTAL CIRCUIT L	ENGTH (M	ILES)					
104.8							
6. CUSTOMER COUNT FOR THIS CIRCUIT							
633 7 DATE OF LAST C							
2009							
2009 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE							
NUMBERS REPRESENTED BY EACH CAUSE							
				RCENTAGE OF TOTA	L OUTAGE		
NUMBERS REPRI	ESENTED		0	Weather Other	1.97		
	ESENTED 9.27	BY EACH CAUSE					
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag	ESENTED 9.27 0 0	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree	0 0 0	Weather Other Animal Cust Caused	1.97 1.55 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload	9.27 0 0 0	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning	0 0 0 15.33	Weather Other Animal Cust Caused Motor Vehicle	1.97 1.55 0 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip	9.27 0 0 0 41.4	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning Wind	0 0 0 15.33 0	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree	1.97 1.55 0 0 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	9.27 0 0 0 41.4 24.72	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning Wind Ice/Snow	0 0 15.33 0 0.25	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree Other	1.97 1.55 0 0 0 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip	9.27 0 0 0 41.4	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning Wind	0 0 0 15.33 0	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree	1.97 1.55 0 0 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	9.27 0 0 41.4 24.72 0.25	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 15.33 0 0.25	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree Other	1.97 1.55 0 0 0 0		
NUMBERS REPRI Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	9.27 0 0 41.4 24.72 0.25 AVERAGE	BY EACH CAUSE Tree Failure Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 15.33 0 0.25	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree Other	1.97 1.55 0 0 0 0		

- 41.29
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.28
- 12. REPORTING YEAR (SAIFI)

0.27

13. CORRECTIVE ACTION PLAN

AGE OF EQUIPMENT WAS THE LEADING OUTAGE CAUSE FOR THIS CIRCUIT. THIS WAS DUE TO CONDUCTOR FAILURE. CONDUCTOR CONDITION WILL BE MONITORED.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM	ME AND NU	JMBER			
2. SUBSTATION LOC	CATION (CO	OUNTY-ROAD-TO	WN)		
	•	(Y 32, MOREHEAI	D		
3. CIRCUIT NAME A					
4. CIRCUIT LOCATIO	•	1 64, MOREHEAD	•	G ARFA	
5. TOTAL CIRCUIT L	•	-			
17.9		,			
6. CUSTOMER COU	NT FOR TH	IS CIRCUIT			
299					
7 DATE OF LAST C	IRCUIT TR	IM (VM)			
				RCENTAGE OF TOTA	
		BY EACH CAUSE	,		
Equipment Failure	52.9	Tree Failure	12.57	Weather Other	0
Installation Fault	0	Tree w/ Ice	0	Animal	0.2
Conductor Sag	0	In-house Tree		Cust Caused	•
Overload Decay/Age Equip	0 2.27	Lightning Wind	15.98 0	Motor Vehicle Public Cut Tree	0 0
Corrosion/Abrasion		Ice/Snow	0 11.18	Other	0
Tree Growth	0	Flood	0	Cause Unknown	4.93
9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)			
6.92					
10. REPORTING YE	AR (SAIDI)				
20.61 11. CIRCUIT 5 YEAF		E (SAIFI)			i
20.61 11. CIRCUIT 5 YEAF 0.051		E (SAIFI)			i
11. CIRCUIT 5 YEAF	RAVERAGE	E (SAIFI)			·

0.15

13. CORRECTIVE ACTION PLAN

Equipment failure was the leading cause. A large conductor failure outage was the contributor to this leading cause. Conductor conditions will be monitored.

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SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER OAK RIDGE					
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)					
LEWIS, OAK RIDGE, MT ZION RIDGE 3. CIRCUIT NAME AND NUMBER					
3. CIRCUIT NAME AND NUMBER BURTONVILLE OCR 124					
4. CIRCUIT LOCATIO	ON (TOWN- VILLE ARE		AREA)		
5. TOTAL CIRCUIT L					
57.8					
6. CUSTOMER COUI 319	NIFOR IH				
7 DATE OF LAST C	IRCUIT TR	IM (VM)			
			י אודט מכנ	RCENTAGE OF TOTAL	
NUMBERS REPR				CENTAGE OF TOTAL	OUTAGE
Equipment Failure	4.68 0	Tree Failure Tree w/ Ice	0.34 0	Weather Other Animal	25.12 37.41
Conductor Sag	0	In-house Tree	Õ	Cust Caused	0
Overload	0	Lightning	2.26	Motor Vehicle	6.18
Decay/Age Equip Corrosion/Abrasion	0 1 03	Wind Ice/Snow	0 0	Public Cut Tree Other	0 0.58
Tree Growth	0	Flood	0	Cause Unknown	22.32
9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)			
22.74	/// 1//////////////////////////////////	(0, 1, 2, 1)			
10. REPORTING YEA	AR (SAIDI)				
50.44 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)					
0.21					
12. REPORTING YE	AR (SAIFI)				
13. CORRECTIVE A	CTION PLA	N			
MAJOR C	ONTRIBUT	TING CAUSE WAS	S ANIMAL F	RELATED OUTAGES.	RELATED
				THE INCREASED	
INSTALLATION OF ANIMAL GUARDS.					

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAID! AND/OR SAIF! EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

		UMBER			
FLEMINGSB	URG				
2. SUBSTATION LOC	CATION (C	OUNTY-ROAD-TO	WN)		
FLEMING	i, ENERGY	RD, FLEMINGSB	URG		
3. CIRCUIT NAME AI	ND NUMBI	ER			
COWAN	DCR 114				
4. CIRCUIT LOCATIO	ON (TOWN	I-ROAD-GENERAL	AREA)		
COWAN,	KY 32, CO	WAN TO CARLIS	_E		
5. TOTAL CIRCUIT L	.ENGTH (N	/ILES)			
103.5					
6. CUSTOMER COU	NT FOR T	HIS CIRCUIT			
683					
7 DATE OF LAST C	IRCUIT TR	RIM (VM)			
2015					
				RCENTAGE OF TOTA	L OUTAGE
NUMBERS REPR	ESENTED	BY EACH CAUSE			
Equipment Failure	10.49	Tree Feilure	4 02	Weather Other	17 67
Equipment Failure	19.48 0	Tree Failure	4.03	Weather Other	17.67
Installation Fault	0	Tree w/ Ice	0	Animal	0.15
Installation Fault Conductor Sag	0 0	Tree w/ Ice In-house Tree	0 0.09	Animal Cust Caused	0.15 0.38
Installation Fault Conductor Sag Overload	0 0 0	Tree w/ Ice In-house Tree Lightning	0 0.09 11.59	Animal Cust Caused Motor Vehicle	0.15 0.38 0
Installation Fault Conductor Sag Overload Decay/Age Equip	0 0 0 2.98	Tree w/ Ice In-house Tree Lightning Wind	0 0.09 11.59 0	Animal Cust Caused Motor Vehicle Public Cut Tree	0.15 0.38 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	0 0 2.98 41.86	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow	0 0.09 11.59 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.15 0.38 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip	0 0 0 2.98	Tree w/ Ice In-house Tree Lightning Wind	0 0.09 11.59 0	Animal Cust Caused Motor Vehicle Public Cut Tree	0.15 0.38 0 0

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 34.05
- 10. REPORTING YEAR (SAIDI) 48.56
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.47
- 12. REPORTING YEAR (SAIFI)

0.53

13. CORRECTIVE ACTION PLAN

LARGE OUTAGE CONDUCTOR FAILURE ON THREE PHASE LINE. FME WILL MONITOR CONDUCTOR CONDITION.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER MAYSVILLE							
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)							
MASON, AA HWY, MAYSVILLE 3. CIRCUIT NAME AND NUMBER							
FEDERAL	MOGAL -	OCR 114					
4. CIRCUIT LOCATIO	•		AREA)				
5. TOTAL CIRCUIT L	•	Y, MAYSVILLE					
6.2		·					
6. CUSTOMER COUI 65	NT FOR TH	IS CIRCUIT					
7 DATE OF LAST C	IRCUIT TRI	M (VM)					
2009 8. LIST OUTAGE CA							
NUMBERS REPR				CENTAGE OF TOTA	AL OUTAGE		
Equipment Equipme	0		•		•		
Equipment Failure Installation Fault	0 0	Tree Failure Tree w/ Ice	0 0	Weather Other Animal	0		
Conductor Sag	0	In-house Tree	0	Cust Caused	0		
Overload	0	Lightning	94.58	Motor Vehicle	0		
Decay/Age Equip Corrosion/Abrasion	0	Wind	0	Public Cut Tree	0		
Tree Growth	0	lce/Snow Flood	0 0	Other Cause Unknown	0 5.42		
9. CIRCUIT 5 YEAR	AVERAGE				1		
1.31							
10. REPORTING YEA	10. REPORTING YEAR (SAIDI)						
11. CIRCUIT 5 YEAR 0.14	AVERAGE	(SAIFI)			Т		
12. REPORTING YEA	AR (SAIFI)				.*		
0.009					1		
13. CORRECTIVE AC	JIION PLA	N					

THIS IS A SHORT CIRCUIT WITH VERY FEW OUTAGES. ONE LIGHTNING RELATED OUTAGE SKEWED THE YEARLY NUMBERS.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)					
Equipment Failure Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0 0 0.23 0	Tree Failure Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	85.78 0 1.89 5.95 0.84 0	Weather Other Animal Cust Caused Motor Vehicle Public Cut Tree Other Cause Unknown	0.08 0.35 0 0 0 0 4.75		
6. CUSTOMER COUR 326 7 DATE OF LAST C 2013	IRCUIT TRI	M (VM) CIRCUIT ALONG	6 WITH PEI	RCENTAGE OF TOTA	L OUTAGE		
5. TOTAL CIRCUIT L 39.6	ENGTH (MI	LES)					
	•	IG TO HILLSBOR		3			
4. CIRCUIT LOCATIC	RO OCR 14						
3. CIRCUIT NAME AN	ND NUMBE	R					
	•	UMMERS LANDI	,				
2. SUBSTATION LOC	RS LANDIN		M/NI				
1. SUBSTATION NAME AND NUMBER							

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 12.7
- 10. REPORTING YEAR (SAIDI) 86.97
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.08
- 12. REPORTING YEAR (SAIFI)
 - 0.338
- 13. CORRECTIVE ACTION PLAN

MAJOR CAUSE WAS TREE FAILURE. MOST OF THE TREE FAILURE OUTAGE WERE DURING HIGH WIND CONDITONS. ROW CONDITION WILL BE INSPECTION DURING THE NEXT LINE INSPECTION.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER CHARTERS 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) LEWIS, AA HWY, CHARTERS **3. CIRCUIT NAME AND NUMBER HOLLY OCR 144** 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) CAMP DIX, KY 559, CAMP DIX - LAUREL RD 5. TOTAL CIRCUIT LENGTH (MILES) 150.3 6. CUSTOMER COUNT FOR THIS CIRCUIT 849 7.. DATE OF LAST CIRCUIT TRIM (VM) 2010 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE - ~ ~ ~ ~ ~ _ -

Equipment Failure	24.55	Tree Failure	13.6	Weather Other	11.92
Installation Fault	0	Tree w/ Ice	0.62	Animal	0.48
Conductor Sag	0	In-house Tree	0	Cust Caused	0
Overload	0	Lightning	2.3	Motor Vehicle	0
Decay/Age Equip	1.68	Wind	0	Public Cut Tree	0
Corrosion/Abrasion	0	Ice/Snow	8.55	Other	0
Tree Growth	0.04	Flood	31.35	Cause Unknown	4.91

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 117.2
- 10. REPORTING YEAR (SAIDI) 172.3
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.872
- 12. REPORTING YEAR (SAIFI)
 - 0.97
- 13. CORRECTIVE ACTION PLAN

THE CIRCUIT HAS ROUGH TERRIAN. STORMS CAUSED DOWNED TREES AND HEAVY RAINS CAUSED FLOODING ISSUES WITH TREE WASH OUTS

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER							
FLEMINGSBURG 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)							
FLEMING, ENERGY RD, FLEMINGSBURG							
3. CIRCUIT NAME AND NUMBER							
HOSPITAL OCR 124							
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)							
	FLEMINGSBURG, KY 32 BYPASS, FLEMINGSBURG						
5. TOTAL CIRCUIT L	ENGTH (MI	ILES)					
5							
6. CUSTOMER COU	NT FOR TH	IS CIRCUIT					
165							
7 DATE OF LAST C	IRCUIT TRI	IM (VM)					
8. LIST OUTAGE CA			WITHPEF	RCENTAGE OF TOTAL			
	ESENTED	ST EACH CAUSE					
Equipment Failure	9.72	Tree Failure	0	Weather Other	0		
Installation Fault	0	Tree w/ Ice	0	Animal	Ō		
Conductor Sag	0	In-house Tree	0 0	Cust Caused	0		
Overload	Ō	Lightning	90.28		Ō		
Decay/Age Equip	0	Wind	0	Public Cut Tree	Ō		
Corrosion/Abrasion		Ice/Snow	0	Other	0		
Tree Growth	0	Flood	0	Cause Unknown	0		
9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)		,			
10. REPORTING YEA	AR (SAIDI)						
11. CIRCUIT 5 YEAR 0.11	AVERAGE	(SAIFI)		,			
12. REPORTING YEA							
0.024							
13. CORRECTIVE AC		N					

THIS CIRCUIT HAD VERY FEW OUTAGES. ONE OUTAGES BECAME SIGNIFICANT THAT SKEWED THE YEARLY RESULTS WHEN COMPARED TO **PREVIOUS YEARS.**

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM HILDA 2		IMBER					
2. SUBSTATION LOC		DUNTY-ROAD-TO	WN)				
ROWAN,	KY 32, MO	REHEAD					
3. CIRCUIT NAME A							
4. CIRCUIT LOCATIO	•		AREA)				
5. TOTAL CIRCUIT L	• •	MOREHEAD					
17.9							
6. CUSTOMER COU	NT FOR TH	IIS CIRCUIT					
563							
7 DATE OF LAST C	IRCUIT TR	IM (VM)					
2012							
			WITH PE	RCENTAGE OF TOTA	L OUTAGE		
NUMBERS REPR	ESENTED	BY EACH CAUSE					
Equipment Failure	0	Tree Failure	1.16	Weather Other	0		
Installation Fault	0	Tree w/ Ice	0	Animal	- 17.87		
Conductor Sag	0	In-house Tree	0	Cust Caused	0.16		
Overload	0	Lightning	31.26		0		
Decay/Age Equip	0	Wind	0	Public Cut Tree	0		
Corrosion/Abrasion		Ice/Snow	15.1	Other	0		
Tree Growth	5.23	Flood	0	Cause Unknown	27.73		
9. CIRCUIT 5 YEAR		(SAIDI)					
5.48							
10. REPORTING YE	AR (SAIDI)						
12.53	. ,						
11. CIRCUIT 5 YEAF	R AVERAGE	(SAIFI)					
0.07							
12. REPORTING YE	AR (SAIFI)						
13. CORRECTIVE ACTION PLAN							
				G CAUSE. LOW OUT			

LIGHTNING WAS THE LARGEST CONTRIBUTING CAUSE. LOW OUTAGE NUMBERS ON THIS CIRCUIT HAS A LOW 5 YEAR AVERAGE. LIGHTING PROTECTION WILL BE INVESTIGATED.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

•

CIRCUIT #1:

1. SUBSTATION NAM		IMBER							
2. SUBSTATION LOC	CATION (CO		WN)						
LEWIS, OAK RIDGE, MT ZION RIDGE 3. CIRCUIT NAME AND NUMBER									
MUDLICK OCR - 144									
4. CIRCUIT LOCATIO			AREA)						
	T, KY 344, I								
5. TOTAL CIRCUIT L 149.8		ILES)							
6. CUSTOMER COU	NT FOR TH	IIS CIRCUIT							
1280									
7 DATE OF LAST C	IRCUIT TR	IM (VM)							
				CENTAGE OF TOTA					
NUMBERS REPR			• • • • • • • • • • • • • • • • • • •	CLINIAGE OF TOTA	LOUTAGE				
Equipment Failure		Tree Failure	6.21	Weather Other	0.23				
Installation Fault Conductor Sag	0 0	Tree w/ Ice In-house Tree	0	Animal Cust Caused	0.1 0.13				
	U	m-nouse rree	0	Cust Caused	0.13				
•	-		3 88	Motor Vehicle	0 38				
Overload	0.13	Lightning Wind	3.88 27.39	Motor Vehicle Public Cut Tree	0.38 0				
•	0.13 1.28	Lightning	3.88 27.39 9.41	Motor Vehicle Public Cut Tree Other					
Overload Decay/Age Equip	0.13 1.28	Lightning Wind	27.39	Public Cut Tree	0				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR	0.13 1.28 0 0.05	Lightning Wind Ice/Snow Flood	27.39 9.41	Public Cut Tree Other	0 0				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0.13 1.28 0 0.05 AVERAGE	Lightning Wind Ice/Snow Flood	27.39 9.41	Public Cut Tree Other	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YE/ 97.59	0.13 1.28 0 0.05 AVERAGE AR (SAIDI)	Lightning Wind Ice/Snow Flood (SAIDI)	27.39 9.41	Public Cut Tree Other	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR	0.13 1.28 0 0.05 AVERAGE AR (SAIDI)	Lightning Wind Ice/Snow Flood (SAIDI)	27.39 9.41	Public Cut Tree Other	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE	Lightning Wind Ice/Snow Flood (SAIDI)	27.39 9.41	Public Cut Tree Other	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE	Lightning Wind Ice/Snow Flood (SAIDI)	27.39 9.41	Public Cut Tree Other	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE A	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE AR (SAIFI) CTION PLA	Lightning Wind Ice/Snow Flood (SAIDI)	27.39 9.41 0	Public Cut Tree Other Cause Unknown	0 0 6.7				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE AG EQUIPME	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE AR (SAIFI) CTION PLA ENT FAILUE	Lightning Wind Ice/Snow Flood (SAIDI) (SAIDI)	27.39 9.41 0	Public Cut Tree Other Cause Unknown	0 0 6.7 SE. THE :				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE AG EQUIPME MAJORIT	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) & AVERAGE AR (SAIFI) CTION PLA ENT FAILUE TY OF THES	Lightning Wind Ice/Snow Flood (SAIDI) (SAIDI) (SAIFI) SE OUTAGS WER	27.39 9.41 0 5T SIGNIFIC E DUE FRO	Public Cut Tree Other Cause Unknown	0 0 6.7 SE. THE E. FME HAS				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE AG EQUIPME MAJORIT CHANGE	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) AVERAGE AR (SAIFI) CTION PLA ENT FAILUE I'Y OF THES D TYPE OF	Lightning Wind Ice/Snow Flood (SAIDI) (SAIDI) (SAIFI) SE OUTAGS WER	27.39 9.41 0 5T SIGNIFIC E DUE FRO	Public Cut Tree Other Cause Unknown	0 0 6.7 SE. THE E. FME HAS				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE AG EQUIPME MAJORIT CHANGE CUTOUT	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE AR (SAIFI) CTION PLA ENT FAILUE TY OF THES D TYPE OF S	Lightning Wind Ice/Snow Flood (SAIDI) : (SAIFI) : (SAIFI) N RE WAS THE MOS SE OUTAGS WER : CUTOUTS AND A	27.39 9.41 0 ST SIGNIFIC E DUE FRO ARE ACTIV	Public Cut Tree Other Cause Unknown	0 0 6.7 SE. THE E. FME HAS TING				
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 69.29 10. REPORTING YEA 97.59 11. CIRCUIT 5 YEAR 0.83 12. REPORTING YEA 0.644 13. CORRECTIVE AG EQUIPME MAJORIT CHANGE CUTOUT	0.13 1.28 0 0.05 AVERAGE AR (SAIDI) R AVERAGE AR (SAIFI) CTION PLA ENT FAILUE TY OF THES D TYPE OF S	Lightning Wind Ice/Snow Flood (SAIDI) : (SAIFI) : (SAIFI) N RE WAS THE MOS SE OUTAGS WER : CUTOUTS AND A	27.39 9.41 0 5T SIGNIFIO E DUE FRO ARE ACTIV	Public Cut Tree Other Cause Unknown CANT OUTAGE CAUS OM CUTOUT FAILURI ILY CHANGING EXIS	0 0 6.7 SE. THE E. FME HAS TING				

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM		JMBER			
	RS LANDI				
2. SUBSTATION LOC	•		WN)		
	-				
3. CIRCUIT NAME AI					
	ILL OCR -				
4. CIRCUIT LOCATIO			,	ANDING TO MUSES N	
			WIWERS L	ANDING TO MUSES N	11.L.L
5. TOTAL CIRCUIT L 72.2	בואט ו ה (וא	ILES)			
6. CUSTOMER COU					
489					
7 DATE OF LAST C	IRCUIT TR	IM (VM)			
2013					
8. LIST OUTAGE CA	USES FOR	R CIRCUIT ALONG	S WITH PE	RCENTAGE OF TOTA	L OUTAGE
NUMBERS REPR	ESENTED	BY EACH CAUSE			
Equipment Failure	0	Tree Failure	60.47	Weather Other	32.65
Installation Fault	0	Tree w/ Ice	0	Animal	0.14
Conductor Sag	0	In-house Tree	0	Cust Caused	0
Overload	0	Lightning	0.67		0
Decay/Age Equip		Wind	0	Public Cut Tree	0
Corrosion/Abrasion	0	Ice/Snow	4.92	Other	0
	-		•	A 11 1	
Tree Growth	0.15	Flood	0	Cause Unknown	0.09
Tree Growth 9. CIRCUIT 5 YEAR 39.8	0.15	Flood	0	Cause Unknown	0.09
9. CIRCUIT 5 YEAR 39.8 10. REPORTING YE/	0.15 AVERAGE	Flood	0	Cause Unknown	0.09
9. CIRCUIT 5 YEAR 39.8	0.15 Average Ar (Saidi)	Flood (SAIDI)	0	Cause Unknown	0.09

- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.43
- 12. REPORTING YEAR (SAIFI)

0.26

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13. CORRECTIVE ACTION PLAN

TREE FAILURE WAS THE MAJOR CONTRIBUTING CAUSE. ROW WILL BE A FOCUS ON FUTURE LINE INSPECTIONS.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

- SUBSTATION NAME AND NUMBER RECTORVILLE
 SUBSTATION LOCATION (COUNTY-ROAD-TOWN) LEWIS, OWL HOLLOW, RECTORVILLE
 CIRCUIT NAME AND NUMBER OWL HOLLOW OCR 114
 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) RECTORVILLE, OWL HOLLOW
 TOTAL CIRCUIT LENGTH (MILES) 54.2
 CUSTOMER COUNT FOR THIS CIRCUIT 294
 DATE OF LAST CIRCUIT TRIM (VM) 2009
 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PEE
- 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

Equipment Failure	10.45	Tree Failure	32.56	Weather Other	4.2
Installation Fault	0	Tree w/ Ice	0	Animal	1.09
Conductor Sag	0	In-house Tree	0	Cust Caused	0
Overload	0	Lightning	31.78	Motor Vehicle	0
Decay/Age Equip	0	Wind	0	Public Cut Tree	0
Corrosion/Abrasion	0	Ice/Snow	0	Other	0
Tree Growth	0	Flood	0	Cause Unknown	19.92

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 5.83
- 10. REPORTING YEAR (SAIDI)

- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
- 0.04 12. REPORTING YEAR (SAIFI)

0.056

13. CORRECTIVE ACTION PLAN

TREE FAILURE WAS THE MAJOR OUTAGE CAUSE FOR THIS CIRCUIT. THIS CAME FROM ONLY TWO ISOLATED OCCURANCES. ROW WILL BE INSPECTED DURING THE NEXT LINE INSPECTION.

^{7.34}

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OUTAGE

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM HILDA 2	IE AND NU	JMBER			
2. SUBSTATION LOC	ATION (C	OUNTY-ROAD-TO	WN)		
ROWAN, I	KY 32, MO	REHEAD			
3. CIRCUIT NAME AN					
PINE HILL					
4. CIRCUIT LOCATIC	•		,		
5. TOTAL CIRCUIT LI		, TOWARDS FLEN	IINGSBUR	G	
53 53		IILES)			
6. CUSTOMER COUN	IT FOR TH	HIS CIRCUIT			
1034					
7 DATE OF LAST C	RCUIT TR	RIM (VM)			
2012					
			WITH PE	RCENTAGE OF TOTA	L OUTAGI
NUMBERS REPRE	ESENTED	BY EACH CAUSE			
Equipment Failure	6.19	Tree Failure	35.81	Weather Other	0
Installation Fault	0.13	Tree w/ Ice	0	Animal	0.16
			~		
	0	In-house Tree	0	Cust Caused	
Conductor Sag	-	In-house Tree Lightning	0 54.78	Cust Caused Motor Vehicle	1.07 0
Conductor Sag	0.28	Lightning	_		1.07
Conductor Sag Overload	0.28 0.04	Lightning Wind Ice/Snow	54.78	Motor Vehicle Public Cut Tree Other	1.07 0
Conductor Sag Overload Decay/Age Equip	0.28 0.04	Lightning Wind	54.78 0	Motor Vehicle Public Cut Tree	1.07 0 0.48
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0.28 0.04 0 0	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other	1.07 0 0.48 0
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	0.28 0.04 0 0	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other	1.07 0 0.48 0
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR	0.28 0.04 0 0 AVERAGE	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other	1.07 0 0.48 0
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87	0.28 0.04 0 0 AVERAGE	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA	0.28 0.04 0 AVERAGE	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31	0.28 0.04 0 AVERAGE AR (SAIDI) AVERAGE	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31 12. REPORTING YEA	0.28 0.04 0 AVERAGE AR (SAIDI) AVERAGE	Lightning Wind Ice/Snow Flood	54.78 0 0	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31 12. REPORTING YEA 0.512	0.28 0.04 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIFI)	Lightning Wind Ice/Snow Flood E (SAIDI)	54.78 0 0	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31 12. REPORTING YEA 0.512 13. CORRECTIVE AC	0.28 0.04 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIFI) CTION PLA	Lightning Wind Ice/Snow Flood E (SAIDI) E (SAIFI)	54.78 0 0 0	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31 12. REPORTING YEA 0.512 13. CORRECTIVE AC LIGHTNIN	0.28 0.04 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIFI) CTION PLA	Lightning Wind Ice/Snow Flood (SAIDI) E (SAIFI) E (SAIFI)	54.78 0 0 0 CANT OU	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2
Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 42.87 10. REPORTING YEA 50.42 11. CIRCUIT 5 YEAR 0.31 12. REPORTING YEA 0.512 13. CORRECTIVE AC LIGHTNIN LARGE O	0.28 0.04 0 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIFI) CTION PLA IG WAS TI UTAGE TI	Lightning Wind Ice/Snow Flood E (SAIDI) E (SAIDI) E (SAIFI) N HE MOST SIGNIFI HAT CAUSED A FA	54.78 0 0 0 0 CANT OU	Motor Vehicle Public Cut Tree Other Cause Unknown	1.07 0 0.48 0 1.2

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM		JMBER					
2. SUBSTATION LOC		OUNTY-ROAD-TO	WN				
		, MT ZION RIDGE	,				
3. CIRCUIT NAME A	ND NUMBE	R					
	/ILLE OCR						
4. CIRCUIT LOCATIO	•		•				
	•						
5. TOTAL CIRCUIT L 32.8	ENGTH (M	ILES)					
6. CUSTOMER COU		IS CIRCUIT					
166							
7 DATE OF LAST C	IRCUIT TR	IM (VM)					
2012							
			WITH PE	RCENTAGE OF TOTA	L OUTAGE		
NUMBERS REPR	ESENTED	BY EACH CAUSE					
Equipment Failure	0	Tree Failure	12.65	Weather Other	0		
Installation Fault	0	Tree w/ Ice	0	Animal	0		
Conductor Sag	0	In-house Tree	0	Cust Caused	0.23		
Overload	0	Lightning	55.99		0		
Decay/Age Equip	0	Wind	0	Public Cut Tree	0		
Corrosion/Abrasion	_	Ice/Snow	22.42	Other	0		
Tree Growth	Tree Growth 0 Flood 0 Cause Unknown 19.92						
9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)					
9. CIRCUIT 5 YEAR 14.8	AVERAGE	(SAIDI)					
		(SAIDI)					

- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.11
- 12. REPORTING YEAR (SAIFI)
 - 0.027
- **13. CORRECTIVE ACTION PLAN**

LIGHTNING WAS THE MOST CONTRIBUTING CAUSE. THIS CONSISTED OF TWO LIGHTNING OUTAGES. LIGHTNING PROTECTION WILL BE INVESTIGATED.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM		IMBER					
2. SUBSTATION LOC	ATION (CO		WN)				
FLEMING, KY 111, HILLSBORO 3. CIRCUIT NAME AND NUMBER							
POPLAR	PLAINS OC	R-134					
4. CIRCUIT LOCATIC	•	ROAD-GENERAL Y 111, POPLAR P	•				
5. TOTAL CIRCUIT L	•	•					
71.3 6. CUSTOMER COUI							
433							
7 DATE OF LAST C	IRCUIT TR	IM (VM)					
2013 8. LIST OUTAGE CA	USES FOF		WITH PE	RCENTAGE OF TOTA	LOUTAGE		
NUMBERS REPRI							
Equipment Failure	18.15	Tree Failure	15.02	Weather Other	0		
Installation Fault	0	Tree w/ Ice	0	Animal	1.96		
Conductor Sag Overload	0	In-house Tree	0	Cust Caused Motor Vehicle	0 0		
Overioad Decay/Age Equip	0 0	Lightning Wind	7.19 0	Public Cut Tree	0		
Corrosion/Abrasion	0.16	Ice/Snow	0	Other	0		
Tree Growth	0	Flood	0	Cause Unknown	57.29		
9. CIRCUIT 5 YEAR	AVERAGE	(SAIDI)	•				
18.58 10. REPORTING YEA							
32.44							
11. CIRCUIT 5 YEAR	AVERAGE	(SAIFI)					
0.18 12. REPORTING YEA	AR (SAIFI)						
0.37	· · ·						
13. CORRECTIVE AC	CTION PLA	N					
THE HIGH	PERCEN	TAGE OF UNKNO		CONTRIBUTING REA GE. ROW AND LINE NE INSPECTIONS.	SON FOR		

REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS_WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

		JMBER			
2. SUBSTATION LO		HILLSBORO	WIN)		
3. CIRCUIT NAME A	• •				
	OCR - 144	_1 X			
4. CIRCUIT LOCATIO		-ROAD-GENERAL	AREA)		
	KY 158, R		· · · · · · · · · · · · · · · · · · ·		
5. TOTAL CIRCUIT L					
34.8	·	·			
6. CUSTOMER COU	NT FOR TH	HIS CIRCUIT			
258					
7 DATE OF LAST C	CIRCUIT TR	RIM (VM)			
2013					
		BY EACH CAUSE		ERCENTAGE OF TOTA	LOUIAGE
		DT EACH CAUSE			
	0	Tree Failure	4.86		40.04
Equipment Failure	U	i ree raiiure	4.00	Weather Other	13.34
Equipment Failure Installation Fault	0	Tree w/ lce	4.80 0	Animal	13.34 0.44
	-		0 0		
Installation Fault Conductor Sag Overload	0 0 65.98	Tree w/ Ice In-house Tree Lightning	0	Animal Cust Caused Motor Vehicle	0.44 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip	0 0 65.98 0.53	Tree w/ Ice In-house Tree Lightning Wind	0 0 2.71 0	Animal Cust Caused Motor Vehicle Public Cut Tree	0.44 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	0 0 65.98 0.53	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip	0 0 65.98 0.53	Tree w/ Ice In-house Tree Lightning Wind	0 0 2.71 0	Animal Cust Caused Motor Vehicle Public Cut Tree	0.44 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0 0 65.98 0.53 0 0 0.31	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR	0 0 65.98 0.53 0 0 0.31	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 13.36	0 0 65.98 0.53 0 0.31 AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR	0 0 65.98 0.53 0 0.31 AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 13.36 10. REPORTING YE	0 0 65.98 0.53 0 0.31 AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 13.36 10. REPORTING YE 33.78	0 0 65.98 0.53 0 0.31 AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 13.36 10. REPORTING YE 33.78 11. CIRCUIT 5 YEAR	0 65.98 0.53 0 0.31 AVERAGE AR (SAIDI) R AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 2.71 0 8.99	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.44 0 0 0 0

0.17

13. CORRECTIVE ACTION PLAN

AN AUTO TRANSFORMER FAILED DURING COLD LOAD CONDITONS. PLANS HAVE BEEN MADE TO VOLTAGE CONVERT THE LINE AND REMOVE THE AUTO TRANSFORMERS.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

4 OUDOTATION MARKE AND MURADED

Tree Growth	0	Flood	0	Cause Unknown	6.52
Corrosion/Abrasion	1.23	Ice/Snow	0	Other	0
	0.14	Wind	0	Public Cut Tree	0
Overload	0	Lightning	10.07		0.11
Conductor Sag	0	In-house Tree	0	Cust Caused	0.22
Installation Fault	0	Tree w/ Ice	0	Animal	0.13
Equipment Failure			32.79	Weather Other	0.12
NUMBERS REPRE			* * * * * * * * * * *		LOUIAOL
8. LIST OUTAGE CA				RCENTAGE OF TOTA	
7 DATE OF LAST CI 2014					
931 7 DATE OF LAST O					
6. CUSTOMER COUN	NT FOR TH	IIS CIRCUIT			
151.9					
5. TOTAL CIRCUIT L	ENGTH (MI	ILES)			
	•	11, SHARPSBURG	•		
4. CIRCUIT LOCATIC	•		,		
SHARPSE	BURG OCR	- 134			
3. CIRCUIT NAME AN	ND NUMBE	R			
BATH, PE	ASTICKS F	RD, PEASTICKS	•		
2. SUBSTATION LOC	ATION (CC	DUNTY-ROAD-TO	WN)		
PEASTIC					
1. SUBSTATION NAM	/IE AND NU	IMBER			

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 38.53
- 10. REPORTING YEAR (SAIDI) 69.99
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.35

- 12. REPORTING YEAR (SAIFI) 0.48
- **13. CORRECTIVE ACTION PLAN**

A COUPLE LARGE OUTAGE CAUSE BY EQUIPMENT FAILURE RAISED THIS CATEGORY TO THE TOP OF THE CAUSE LIST. EQUIPMENT INSPECTIONS WILL BE A MAIN FOCUS ON UPCOMING LINE INSPECTIONS

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SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM	······································	JMBER						
FLEMINGINSBURG 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)								
FLEMING, ENERGY RD, FLEMINGSBURG								
3. CIRCUIT NAME AND NUMBER								
TILTON OCR - 134 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)								
	KY 11, TILT							
5. TOTAL CIRCUIT L	•							
81.3								
6. CUSTOMER COUI 616	NIFOR IF							
7 DATE OF LAST C	IRCUIT TR	IM (VM)						
2015								
			WITH PER	RCENTAGE OF TOTA	L OUTAGE			
NUMBERS REPR	ESENTED	BY EACH CAUSE						
Equipment Failure	21.87	Tree Failure	0	Weather Other	43.08			
Installation Fault	0	Tree w/ Ice	0 0	Animal	43.08 0.8			
Installation Fault Conductor Sag	0 0	Tree w/ Ice In-house Tree	0 0	Animal Cust Caused	0.8 0			
Installation Fault Conductor Sag Overload	0 0 0	Tree w/ Ice In-house Tree Lightning	0 0 30.58	Animal Cust Caused Motor Vehicle	0.8 0 0			
Installation Fault Conductor Sag	0 0 0 0.34	Tree w/ Ice In-house Tree Lightning	0 0	Animal Cust Caused	0.8 0			
Installation Fault Conductor Sag Overload Decay/Age Equip	0 0 0 0.34	Tree w/ Ice In-house Tree Lightning Wind	0 0 30.58 0	Animal Cust Caused Motor Vehicle Public Cut Tree	0.8 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0 0 0.34 0.12 0	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion	0 0 0.34 0.12 0	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/	0 0 0.34 0.12 0 AVERAGE	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/ 45.2	0 0 0.34 0.12 0 AVERAGE AR (SAIDI)	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood (SAIDI)	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/ 45.2 11. CIRCUIT 5 YEAR	0 0 0.34 0.12 0 AVERAGE AR (SAIDI)	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood (SAIDI)	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/ 45.2	0 0 0.34 0.12 0 AVERAGE AR (SAIDI)	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood (SAIDI)	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/ 45.2 11. CIRCUIT 5 YEAR 0.21 12. REPORTING YE/ 0.33	0 0 0.34 0.12 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIF!)	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood (SAIDI)	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			
Installation Fault Conductor Sag Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 20.9 10. REPORTING YE/ 45.2 11. CIRCUIT 5 YEAR 0.21 12. REPORTING YE/	0 0 0.34 0.12 0 AVERAGE AR (SAIDI) AVERAGE AR (SAIF!)	Tree w/ Ice In-house Tree Lightning Wind Ice/Snow Flood (SAIDI)	0 0 30.58 0 0	Animal Cust Caused Motor Vehicle Public Cut Tree Other	0.8 0 0 0 0			

COLD WEATHER AND SNOW CONDITIONS CAUSED CONDUCTOR FAILURES ON THIS CIRCUIT. CONDUCTOR CONDITIONS WILL BE MONITORED.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

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1. SUBSTATION NAM		MBER							
FLEMINGINSBURG 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) FLEMING, ENERGY RD, FLEMINGSBURG									
3. CIRCUIT NAME AND NUMBER									
TOYO SEA	AT OCR - 1	34							
4. CIRCUIT LOCATIC	•								
FLEMING	SBURG, K	Y 32 BYPASS, FL	EMINGSBL	IRG TO IND PARK					
5. TOTAL CIRCUIT LI	ENGTH (M	ILES)							
10.5									
6. CUSTOMER COUN	NT FOR TH	IS CIRCUIT							
88									
7 DATE OF LAST C	IRCUIT TR	IM (VM)							
2014									
8. LIST OUTAGE CA	USES FOR	CIRCUIT ALONG	WITH PEF	RCENTAGE OF TOTAL	OUTAGE				
NUMBERS REPRI	ESENTED I	BY EACH CAUSE							
.	-		_						
Equipment Failure	0	Tree Failure	0	Weather Other	95.61				
Installation Fault	0	Tree w/ Ice	0	Animal	2.49				
Conductor Sag	0	In-house Tree	0	Cust Caused	0				
Overload	0	Lightning	0	Motor Vehicle	0				
Decay/Age Equip	0	Wind	0	Public Cut Tree	0				
Corrosion/Abrasion	0	Ice/Snow	0	Other	0				
Tree Growth	0	Flood	0	Cause Unknown	1.9				

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
 - 1.9
- 10. REPORTING YEAR (SAIDI)

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1.5
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- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
- 0.03 12. REPORTING YEAR (SAIFI)

0.38

13. CORRECTIVE ACTION PLAN

WEATHER WAS THE MOST CONTRIBUTING CAUSE TO OUTAGE INDEX BEING OVER 5 YEAR AVERAGE. THIS IS A LOW NUMBER OF OUTAGE CIRCUIT THAT WAS SKEWED FROM ONE OUTAGE.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

- SUBSTATION NAME AND NUMBER FLEMINGINSBURG
 SUBSTATION LOCATION (COUNTY-ROAD-TOWN) FLEMING, ENERGY RD, FLEMINGSBURG
 CIRCUIT NAME AND NUMBER UNDERBUILD OCR - 144
 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) FLEMINGSBURG, KY 32, WALLINGFORD
 TOTAL CIRCUIT LENGTH (MILES) 67.6
 CUSTOMER COUNT FOR THIS CIRCUIT 731
- 7.. DATE OF LAST CIRCUIT TRIM (VM) 2014
- 8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

Equipment Failure	28.41	Tree Failure	0.43	Weather Other	0
Installation Fault	0	Tree w/ Ice	0	Animal	0.5
Conductor Sag	0	In-house Tree	0	Cust Caused	0
Overload	0	Lightning	62.38	Motor Vehicle	1.74
Decay/Age Equip	0.69	Wind	0	Public Cut Tree	0
Corrosion/Abrasion	0	Ice/Snow	1.74	Other	0
Tree Growth	0	Flood	0	Cause Unknown	1.9

- 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 16.3
- 10. REPORTING YEAR (SAIDI)
 - 15.2
- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.17
- 12. REPORTING YEAR (SAIFI)
 - 0.18
- 13. CORRECTIVE ACTION PLAN

LIGHTNING WAS THE MAJOR CAUSE. ADDITIONAL LIGHTNING PROTECTION FOR THIS CIRCUIT WILL BE INVESTIGATED. Į.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAM		IMBER			
2. SUBSTATION LOC			WN)		
3. CIRCUIT NAME AN	A HWY, CH				
	JRG OCR -				
4. CIRCUIT LOCATIC	-				
		WY, VANCEBURG			
5. TOTAL CIRCUIT L		*	,		
169.2		(220)			
6. CUSTOMER COUN	NT FOR TH	IIS CIRCUIT			
1364					
7 DATE OF LAST C	IRCUIT TR	IM (VM)			
2010		. ,			
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE					
NUMBERS REPRESENTED BY EACH CAUSE					
Equipment Failure		Tree Failure	4.56	Weather Other	1.08
Installation Fault	0	Tree w/ Ice	17.55		
	~	-			0.07
Conductor Sag	0	In-house Tree	0	Cust Caused	1.49
Overload	0	In-house Tree Lightning	0 7.15	Cust Caused Motor Vehicle	1.49 1.75
Overload Decay/Age Equip	0 0.45	In-house Tree Lightning Wind	0 7.15 0	Cust Caused Motor Vehicle Public Cut Tree	1.49 1.75 0
Overload Decay/Age Equip Corrosion/Abrasion	0 0.45 2.27	In-house Tree Lightning Wind Ice/Snow	0 7.15 0 29.8	Cust Caused Motor Vehicle Public Cut Tree Other	1.49 1.75 0 0
Overload Decay/Age Equip	0 0.45	In-house Tree Lightning Wind	0 7.15 0	Cust Caused Motor Vehicle Public Cut Tree	1.49 1.75 0
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth	0 0.45 2.27 0.87	In-house Tree Lightning Wind Ice/Snow Flood	0 7.15 0 29.8	Cust Caused Motor Vehicle Public Cut Tree Other	1.49 1.75 0 0
Overload Decay/Age Equip Corrosion/Abrasion	0 0.45 2.27 0.87	In-house Tree Lightning Wind Ice/Snow Flood	0 7.15 0 29.8	Cust Caused Motor Vehicle Public Cut Tree Other	1.49 1.75 0 0
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR 114	0 0.45 2.27 0.87 AVERAGE	In-house Tree Lightning Wind Ice/Snow Flood	0 7.15 0 29.8	Cust Caused Motor Vehicle Public Cut Tree Other	1.49 1.75 0 0
Overload Decay/Age Equip Corrosion/Abrasion Tree Growth 9. CIRCUIT 5 YEAR	0 0.45 2.27 0.87 AVERAGE	In-house Tree Lightning Wind Ice/Snow Flood	0 7.15 0 29.8	Cust Caused Motor Vehicle Public Cut Tree Other	1.49 1.75 0 0

- 11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
 - 0.75
- 12. REPORTING YEAR (SAIFI)
 - 0.71
- **13. CORRECTIVE ACTION PLAN**

ICE/SNOW WAS THE CONTRIBUTING CAUSE ON THIS CIRCUIT.

REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

Additional page may be attached as needed.

2016 - SNOW HILL SUB (ALL) MURPHYSVILLE SUB (BARRET PIKE, STRODES RUN) MAYSVILLE SUB (ALL) RECTORVILLE SUB (OWL HOLLOW, TOLLESBORO)

Trimming Cycle - 6 years Spaying Cyc le - 3 years

SECTION 7: UTILITY COMMENTS