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111 West Brashear Avenue • Bardstown, Kentucky 40004 (502) 348-3931 • (502) 955-9732 • Fax (502) 348-1993 MAR 1 6 2018

PUBLIC SERVICE COMMISSION

March 12, 2018

Ms. Gwen Pinson Executive Director KY Public Service Commission 211 Sower Boulevard Frankfort KY 40601-8294

Re: Salt River Electric Cooperative Corporation
 Case No. 2011-00450
 2017 Electric Distribution Utility Annual Reliability Report

Dear Ms. Pinson:

Enclosed is the 2017 Annual Reliability Report for Salt River Electric Cooperative Corporation, Bardstown, Kentucky.

If you require further information or have any questions regarding this report, please contact this office.

Sincerely,

Tim Sharp President and CEO

Enclosure

# RECEIVED

#### COMMONWEALTH OF KENTUCKY

MAR 1 6 2018

PUBLIC SERVICE COMMISSION

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

An Investigation of the<br/>Reliability Measures of)Reliability Measures of<br/>Kentucky's Jurisdictional<br/>Electric Distribution Utilities)

\* \* \* \* \*

SALT RIVER ELECTRIC COOPERATIVE CORPORATION 111 West Brashear Avenue Bardstown Kentucky 40004



2017 ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

> Prepared by: Daniel Carrico Technical Engineer <u>dcarrico@srelectric.com</u> (502) 350.1606

## **KENTUCKY PUBLIC SERVICE COMMISSION** Electric Distribution Utility Annual Reliability Report

## CASE NO. 2011 - 00450

#### SECTION 1: CONTACT INFORMATION

1.1

1.2

1.3

UTILITY NAME **REPORT PREPARED BY** E-MAIL ADDRESS OF PREPARER PHONE NUMBER OF PREPARER

Salt River Electric **Daniel Carrico** dcarrico@srelectric.com

1.4

502-350-1606

#### SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT 2.1 2017

#### SECTION 3: MAJOR EVENT DAYS

TMED	3.1	5.68	
FIRST DATE USED TO DETERMINE TMED	3.2	1/1/2013	
LAST DATE USED TO DETERMINE TMED	3.3	12/31/2017	
NUMBER OF MED IN REPORT YEAR	3.4	4	

NOTE: Per IEEE 1366 TMED 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.

SECT	ION 4: SYSTEM RELIABILIT System-wide		SULTS
TOTAL CUSTOMERS	51349	TOTAL CIRCUITS	92
	Excludi	ng MED	
5 YEAR A	VERAGE	REPOR	TING YEAR
SAIDI	75.3	SAIDI	60.5
SAIFI	0.88	SAIFI	0.85
	Includir	ng MED	
5 YEAR A	VERAGE	REPOR	TING YEAR
SAIDI	110.6	SAIDI	112.5
SAIFI	1.1266	SAIFI	1.188

Notes:

1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.

2) Reports are due on the first business day of April 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, CAIDI, and TMED

	SECTION 5: C	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)
CIRCUIT	# 1-1	
1 SUBSTA	TION NAME AND NUMBER Balltow	n1
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Balltown Road
3 CIRCUIT	NAME AND NUMBER	# 1 Holy Cross - Hwy 49
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Holy Cross - Hwy 49
5 TOTAL C	CIRCUIT LENGTH IN MILES	89.3
6 CUSTON	AER COUNT FOR THIS CIRCUIT	1028
7 DATE O	F LAST CIRCUIT TRIM (VM)	2016
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL Unknown 35%, Weather 28.4%, Animals 17.6%
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	
10 REPORT	'ING YEAR (SAIDI)	74.19
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)	1.23
12 REPORT	ING YEAR (SAIFI)	0.82
13 CORREC	TIVE ACTION PLAN	None

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#2-1		
1 SUBSTA	TION NAME AND NUMBER Bardsto	own Shopping Center	2
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bardstown, Court House	
3 CIRCUIT	TNAME AND NUMBER	#1 Heaven Hill	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown, Loretto Road	
5 TOTAL	CIRCUIT LENGTH IN MILES		23.9
6 CUSTO	MER COUNT FOR THIS CIRCUIT		277
7 DATE O	IF LAST CIRCUIT TRIM (VM)		2016
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL Public 59.2%, 30.8%	
9 CIRCUIT	T 5 YEAR AVERAGE (SAIDI)		19.79
10 REPORT	ΠNG YEAR (SAIDI)	R	37.13
11 CIRCUIT	T 5 YEAR AVERAGE (SAIFI)		0.28
12 REPORT	ПNG YEAR (SAIFI)		0.44
13 CORRE	CTIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#2-5		
1 SUBSTATI	ON NAME AND NUMBER Bardsto	wn Shopping Center	2
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bardstown, Court House	
3 CIRCUIT N	IAME AND NUMBER	#5 Bardstown Plaza	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - US 150	
5 TOTAL CI	RCUIT LENGTH IN MILES	····.	3,3
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		358
7 TOTAL CI	RCUIT LENGTH IN MILES	<u> </u>	2016
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL Animals 42.8%, Maint 38.4%	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		11.84
10 REPORTIN	ng year (saidi)		12.77
11 CIRCUIT 5	SYEAR AVERAGE (SAIFI)		0.17
12 REPORTIN	IG YEAR (SAIFI)	·	0.25
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5.	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	# 21 - 2		
1 SUBSTATI	ON NAME AND NUMBER Beulah	Beam	21
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Shepherdsville	
3 CIRCUIT N	IAME AND NUMBER	#2 South Shephersville	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsville-South	
5 TOTAL CI	RCUIT LENGTH IN MILES		10.1
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	<u> </u>	598
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 67.9% Maintenance, 17.3% Animals	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		34.66
10 REPORTIN	ig year (Saidi)		35.71
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		0.47
12 REPORTIN	IG YEAR (SAIFI)	······	0.52
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: 0		
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#21-3		
1 SUBSTA	TION NAME AND NUMBER Beulah	Beam	21
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Shepherdsville	
3 CIRCUIT	TNAME AND NUMBER	#3 North Shepherdsville	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsville-North	
5 TOTAL	CIRCUIT LENGTH IN MILES	<u> </u>	13.8
6 CUSTO	MER COUNT FOR THIS CIRCUIT		938
7 DATE O	IF LAST CIRCUIT TRIM (VM)		2015
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PERG E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 84.2% Animals	
9 CIRCUIT	T 5 YEAR AVERAGE (SAIDI)		33.43
10 REPOR	TING YEAR (SAIDI)		65.68
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.61
12 REPOR	TING YEAR (SAIFI)		0.5
13 CORRE	CTIVE ACTION PLAN	None	

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	SECTION 5: CI		
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE RE	EPORTED EXCLUDING MED)	
CIRCUIT	#4-5		
1 SUBSTAT	ION NAME AND NUMBER Bloomfie	ld	4
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson - Hwy 1066 - Bloomfleld	
3 CIRCUIT I	NAME AND NUMBER	#5 Springfield - Campground Road	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA)	Springfield Road & Campground Road	
5 TOTAL CI	RCUIT LENGTH IN MILES		40.5
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		260
7 DATE OF	LAST CIRCUIT TRIM (VM)	<u> </u>	2014
	TAGE CAUSES FOR CIRCUIT ALONG WITH PERCI NUMBERS REPRÉSENTED BY EACH CAUSE	ENTAGE OF TOTAL 67.1% Weather, 31.5% Public	
9 CIRCUIT !	5 YEAR AVERAGE (SAIDI)		204.97
10 REPORTI	NG YEAR (SAIDI)		281.37
11 CIRCUIT!	5 YEAR AVERAGE (SAIFI)	. <u></u>	1.7
12 REPORTI	NG YEAR (SAIFI)	·····	2.25
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#5-4		
1 SUBSTATI	ON NAME AND NUMBER Bluelick		5
2 SUBSTATI	ION LOCATION (COUNTY-ROAD-TOWN)	Jefferson - Octagon Ave	
3 CIRCUIT N	NAME AND NUMBER	#4 Brooks @165	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Louisville - 165 - Brooks	
5 TOTAL CI	RCUIT LENGTH IN MILES		2
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	. <u>.</u>	99
7 DATE OF	LAST CIRCUIT TRIM (VM)		2018
	AGE CAUSES FOR CIRCUIT ALONG WITH PERONUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 83.6% Animals	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)	<u> </u>	26.6
10 REPORTIN	NG YEAR (SAIDI)		67.9
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)		0.66
12 REPORTI	NG YEAR (SAIFI)		1.42
13 CORRECT	TVE ACTION PLAN	None	

	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 6 - 2		
1 SUBSTAT	ION NAME AND NUMBER Brooks		6
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Coral Springs - Brooks	
3 CIRCUIT	NAME AND NUMBER	#2 Brooks Hill Road - Brooks Station	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Brooks Hill Road - Brooks Station	
5 TOTAL CI	RCUIT LENGTH IN MILES		29.2
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	<u>.                                    </u>	781
7 DATE OF	LAST CIRCUIT TRIM (VM)	<u></u>	2018
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 74.8% Maintenance, 7.8% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		111.18
10 REPORTI	NG YEAR (SAIDI)		142.95
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.99
12 REPORTI	NG YEAR (SAIFI)		1.03
13 CORRECT	TIVE ACTION PLAN	None	

SECTION 5: C	
(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)
(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)
CIRCUIT <u># 6 - 3</u>	
1 SUBSTATION NAME AND NUMBER Brooks	6
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Coral Ridge Road - Brooks
3 CIRCUIT NAME AND NUMBER	#3 Bullitt County Stone
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Bullitt County Stone area
5 TOTAL CIRCUIT LENGTH IN MILES	15
6 CUSTOMER COUNT FOR THIS CIRCUIT	
7 DATE OF LAST CIRCUIT TRIM (VM)	2018
8 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERC OUTAGE NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 67% Weather, 23.2% Equipment Failure
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	109.63
10 REPORTING YEAR (SAID!)	160.23
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.23
12 REPORTING YEAR (SAIFI)	1.63
13 CORRECTIVE ACTION PLAN	None

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#292-6		
1 SUBSTATIO	ON NAME AND NUMBER Cedar (	Grove Ind Park2	292
2 SUBSTATIC	ON LOCATION (COUNTY-ROAD-TOWN)	Cedar Grove Industrial Park	
3 CIRCUIT N	AME AND NUMBER	#6 Hwy 480 East	<u> </u>
4 CIRCUIT LO	DCATION (TOWN-ROAD-GENERAL AREA)	Cedar Grove - Hwy 480 East - Industrial Park	
5 TOTAL CIR	CUIT LENGTH IN MILES	-···	7.4
6 CUSTOME	R COUNT FOR THIS CIRCUIT		273
7 DATE OF L	AST CIRCUIT TRIM (VM)		2017
	AGE CAUSES FOR CIRCUIT ALONG WITH PER IUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 58.9% Maint, 34.5% Equipment Failure	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		25.53
10 REPORTIN	g year (saidi)		28.32
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		0.56
12 REPORTIN	G YEAR (SAIF!)	<b></b>	0.41
13 CORRECTI	VE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	#292-7		
1 SUBSTATI	ION NAME AND NUMBER Cedar G	rove Ind Park2	292_
2 SUBSTATI	ION LOCATION (COUNTY-ROAD-TOWN)	Cedar Grove Industrial Park	
3 CIRCUIT	NAME AND NUMBER	#2 East Side Industrial Park	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Cedar Grove Ind Park	
5 TOTAL CI	RCUIT LENGTH IN MILES		2.5
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		41
7 DATE OF	LAST CIRCUIT TRIM (VM)		2017
	AGE CAUSES FOR CIRCUIT ALONG WITH PERC NUMBERS REPRESENTED BY EACH CAUSE	ENTAGE OF TOTAL 93.8% Power Supplier	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)	·····	97.26
10 REPORTI	NG YEAR (SAIDI)	<u></u>	34.9
11 CIRCUITS	5 YEAR AVERAGE (SAIFI)		0.99
12 REPORTI	NG YEAR (SAIFI)		1.02
13 CORRECT	IVE ACTION PLAN	None	

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·		SECTION 5: C	
	EXCEEDING 5 YEAR AVERAGE)	(CIRCUITS WITH SAIDI AND/OR SAIF	
	EPORTED EXCLUDING MED)	(CIRCUIT NUMBERS SHOULD BE F	
		#11-5	CIRCUIT
11	rove	ION NAME AND NUMBER Cedar G	1 SUBSTATIO
	Bullitt - US 480	ION LOCATION (COUNTY-ROAD-TOWN)	2 SUBSTATIO
	#5 US480 West - Industrial Park	NAME AND NUMBER	3 CIRCUIT N
ove Industrial Park	Cedar Grove - US480 - Cedar Grove	LOCATION (TOWN-ROAD-GENERAL AREA)	4 CIRCUIT LO
30.8		RCUIT LENGTH IN MILES	5 TOTAL CIR
585		ER COUNT FOR THIS CIRCUIT	6 CUSTOME
2017	·	LAST CIRCUIT TRIM (VM)	7 DATE OF L
	ENTAGE OF TOTAL 67% Maint, 11.4% Weather	TAGE CAUSES FOR CIRCUIT ALONG WITH PERC NUMBERS REPRESENTED BY EACH CAUSE	
96.75		5 YEAR AVERAGE (SAIDI)	9 CIRCUIT 5
149.49		NG YEAR (SAIDI)	10 REPORTIN
1.04		5 YEAR AVERAGE (SAIFI)	11 CIRCUIT 5
1	<u></u>	NG YEAR (SAIFI)	12 REPORTIN
	None	TVE ACTION PLAN	13 CORRECTI

	SECTION	5: CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR S	AIFI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD E	BE REPORTED EXCLUDING MED)	
CIRCUIT	#23-2		
1 SUBSTATIC	ON NAME AND NUMBER Darm	vin Thomas	23
2 SUBSTATIC	ON LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 155-Elk Creek	
3 CIRCUIT NA	AME AND NUMBER	#2 Normandy	
4 CIRCUIT LC	OCATION (TOWN-ROAD-GENERAL AREA)	Elk Creek, Spencer County	
5 TOTAL CIR	CUIT LENGTH IN MILES		44.4
6 CUSTOMER	R COUNT FOR THIS CIRCUIT		699
7 DATE OF L	AST CIRCUIT TRIM (VM)		2015
	GE CAUSES FOR CIRCUIT ALONG WITH P UMBERS REPRESENTED BY EACH CAUSE	ERCENTAGE OF TOTAL 85.1% Weather	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		58.59
10 REPORTING	g year (Saidi)		115.59
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		0.52
12 REPORTING	g year (saifi)	·····	1.23
13 CORRECTIV	VE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#23-4		
1 SUBSTAT	ION NAME AND NUMBER Darwin	Thomas	23
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 155-Elk Creek	<u></u>
3 CIRCUIT	NAME AND NUMBER	#4 Hwy 155 and Allen Place	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Taylorsville - Hwy 155 - Elk Creek	
5 TOTAL CI	RCUIT LENGTH IN MILES		33,5
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		1116
7 DATE OF	LAST CIRCUIT TRIM (VM)	<u></u>	2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PEI NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 27.4% Planned, 24.1% Unknown, 19	9.5% Equip Fail
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		56.32
10 REPORTI	NG YEAR (SAIDI)		46.81
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.89
12 REPORTI	NG YEAR (SAIFI)		1.47
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)		
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 30 - 2		
1 SUBSTA	TION NAME AND NUMBER	/ille	30_
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Deatesville Road	
3 CIRCUIT	NAME AND NUMBER	#2 Hwy 245 & Samuels	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 245 7 Samuels	
5 TOTAL C	IRCUIT LENGTH IN MILES		30.1
6 CUSTON	IER COUNT FOR THIS CIRCUIT		999
7 DATE OI	F LAST CIRCUIT TRIM (VM)		2015
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 91.7% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		48.45
10 REPORT	ING YEAR (SAIDI)		21.69
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.85
12 REPORT	ING YEAR (SAIFI)		1.02
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 30 - 4		
1 SUBSTAT	ION NAME AND NUMBER Deates	ille	30
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Deatesville Road	
3 CIRCUIT I	NAME AND NUMBER	#4 Lenore	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA)	Lenore	
5 TOTAL CI	RCUIT LENGTH IN MILES		23.9
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		209
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 77.7% Equipment Failure	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		96.87
10 REPORTI	NG YEAR (SAIDI)		77.41
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.29
12 REPORTIN	NG YEAR (SAIFI)		1.67
13 CORRECT	TVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	#7-5		
1 SUBSTA	TION NAME AND NUMBER East Ba	rdstown	7
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson - US 62 - Bardstown	<u> </u>
3 CIRCUIT	NAME AND NUMBER	#5 Quarry	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - US 245	
5 TOTAL C	CIRCUIT LENGTH IN MILES		38,4
6 CUSTON	MER COUNT FOR THIS CIRCUIT		26
7 DATE O	F LAST CIRCUIT TRIM (VM)		2017
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 95.7% Public	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		39.16
10 REPORT	ing year (saidi)	······	130.31
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.47
12 REPORT	ING YEAR (SAIFI)	<u> </u>	1.51
13 CORREC	TIVE ACTION PLAN	None	

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	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 26 - 3		
1 SUBSTATI	ON NAME AND NUMBER Fredrick	sburg	26
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Washington-Fredricksburg	
3 CIRCUIT N	NAME AND NUMBER	# Fredricksburg Hill	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Fredricksburg	
5 TOTAL CI	RCUIT LENGTH IN MILES		46.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		313
7 DATE OF	LAST CIRCUIT TRIM (VM)		2016
	AGE CAUSES FOR CIRCUIT ALONG WITH PERC NUMBERS REPRESENTED BY EACH CAUSE	ENTAGE OF TOTAL 59.3% Maint, 33.3% Unknown	
9 CIRCUIT 5	SYEAR AVERAGE (SAIDI)		21.1
10 REPORTIN	NG YEAR (SAIDI)		27.82
11 CIRCUIT 5	9 YEAR AVERAGE (SAIFI)		0.23
12 REPORTIN	NG YEAR (SAIFI)	<u></u>	0.3
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#22-1		
1 SUBSTATI	ON NAME AND NUMBER Joe Tich	nenor	22
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT N	AME AND NUMBER	#1 31E Bardstown	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Hwy 31E - Cox's Creek	
5 TOTAL CI	RCUIT LENGTH IN MILES		19.3
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		501
7 DATE OF	LAST CIRCUIT TRIM (VM)		2014
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 41.7% Unknown, 30.4% Power Supplier	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		32.24
10 REPORTIN	NG YEAR (SAIDI)		16.48
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)		0.75
12 REPORTIN	NG YEAR (SAIFI)		1.26
13 CORRECT	IVE ACTION PLAN	None	

SECTION 5: C	
(CIRCUITS WITH SAIDI AND/OR SAIFI	I EXCEEDING 5 YEAR AVERAGE)
(CIRCUIT NUMBERS SHOULD BE R	REPORTED EXCLUDING MED)
CIRCUIT <u>#22-2</u>	
1 SUBSTATION NAME AND NUMBER Joe Tich	enor 22
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek
3 CIRCUIT NAME AND NUMBER	#2 Hwy 509 Samuels
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Samuels Rd - Samuels
5 TOTAL CIRCUIT LENGTH IN MILES	17.7
6 CUSTOMER COUNT FOR THIS CIRCUIT	185
7 DATE OF LAST CIRCUIT TRIM (VM)	2015
8 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERC OUTAGE NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 32.6% Planned, 21.4% Weather, 20.2% Power Supplier
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	65.57
10 REPORTING YEAR (SAIDI)	182.07
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	113
12 REPORTING YEAR (SAIFI)	2.99
13 CORRECTIVE ACTION PLAN	None

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	#22-3		
1 SUBSTA	TION NAME AND NUMBER Joe Tich	enor	22
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT	NAME AND NUMBER	#3 Hwy 509 Fairfield	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 509 from Cox's Creek to Fairfield	
5 TOTAL C	IRCUIT LENGTH IN MILES	· · · · · · · · · · · · · · · · · · ·	84.8
6 CUSTON	IER COUNT FOR THIS CIRCUIT		622
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER	CENTAGE OF TOTAL 78.9% Unknown, 9.8% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	· · · · · · · · · · · · · · · · · · ·	57.17
10 REPORT	ING YEAR (SAIDI)		50.92
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.78
12 REPORT	ING YEAR (SAIFI)		1.47
13 CORREC	TIVE ACTION PLAN	None	

SECTION 5	: CIRCUIT REPORTING
(CIRCUITS WITH SAIDI AND/OR SA	AIFI EXCEEDING 5 YEAR AVERAGE)
(CIRCUIT NUMBERS SHOULD BI	E REPORTED EXCLUDING MED)
CIRCUIT # 22 - 4	
1 SUBSTATION NAME AND NUMBER Joe TI	ichenor 22
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek
3 CIRCUIT NAME AND NUMBER	#4 US 31E to Hwy 480
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	US 31 E North of Cox's Creek
5 TOTAL CIRCUIT LENGTH IN MILES	32.4
6 CUSTOMER COUNT FOR THIS CIRCUIT	357
7 DATE OF LAST CIRCUIT TRIM (VM)	2015
8 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PE OUTAGE NUMBERS REPRESENTED BY EACH CAUSE	ERCENTAGE OF TOTAL 93% Maint
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	125.43
10 REPORTING YEAR (SAIDI)	167.88
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.2
12 REPORTING YEAR (SAIFI)	2.33
13 CORRECTIVE ACTION PLAN	None

SECTION 5:	CIRCUIT REPORTING	
(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT <u># 24 - 1</u>		
1 SUBSTATION NAME AND NUMBER Knob C	reek	24
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	#1 Knob Creek	
3 CIRCUIT NAME AND NUMBER	Knob Creek	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Knob Creek	
5 TOTAL CIRCUIT LENGTH IN MILES		43,8
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u></u>	524
7 DATE OF LAST CIRCUIT TRIM (VM)		2015
8 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PER OUTAGE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 90.3% Maint	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		250.92
10 REPORTING YEAR (SAIDI)	<u> </u>	253.43
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		2.31
12 REPORTING YEAR (SAIFI)		1.48
13 CORRECTIVE ACTION PLAN	none	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	<u># 25 - 1</u>		
1 SUBSTAT	TON NAME AND NUMBER Lebano	n Junction	25
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-US 61-Lebanon Junction	
3 CIRCUIT	NAME AND NUMBER	#1 US 61-Lebanon Junction	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Lebanon Junction	
5 TOTAL C	IRCUIT LENGTH IN MILES		28.9
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		358
7 DATE OF	LAST CIRCUIT TRIM (VM)		2017
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 70% Equipment Failure, 25.8% Maint	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		130.81
10 REPORTI	NG YEAR (SAIDI)		180.18
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.16
12 REPORTI	NG YEAR (SAIFI)		1.33
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	<u># 25 - 2</u>		
1 SUBSTAT	TION NAME AND NUMBERLebano	on Junction	25
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-US 61-Lebanon Junction	
3 CIRCUIT	NAME AND NUMBER	#2 US 61-Belmont	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	US 61 - Belmont	
5 TOTAL C	IRCUIT LENGTH IN MILES		32,9
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		454
7 DATE OF	LAST CIRCUIT TRIM (VM)		2017
	TAGE CAUSES FOR CIRCUIT ALONG WITH PEF NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 43.2% Maint, 40.1% Unknown	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	<u></u>	174.4
10 REPORTI	NG YEAR (SAIDI)		149.24
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.78
12 REPORTI	NG YEAR (SAIFI)		1.85
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: 0		
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	#122-6		
1 SUBSTATI	ON NAME AND NUMBER Mt. Wa	shington	6
2 SUBSTATI	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT N	NAME AND NUMBER	#6 Flat Lick	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Hwy 44 - Flat Lick	
5 TOTAL CI	RCUIT LENGTH IN MILES		25.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		1709
7 DATE OF	LAST CIRCUIT TRIM (VM)	·	2015
8 LIST OUT	AGE CAUSES FOR CIRCUIT ALONG WITH PER	CENTAGE OF TOTAL	
OUTAGE	NUMBERS REPRESENTED BY EACH CAUSE	83.3% Power Supplier	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)	·	32.55
10 REPORTIN	NG YEAR (SAID!)	<b></b>	63.31
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)	·	0.57
12 REPORTIN	NG YEAR (SAIFI)		1.26
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	REPORTED EXCLUDING MED)	
CIRCUIT	#122-7		
1 SUBSTAT	FION NAME AND NUMBER Mt. Was	shington	6
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#7 HWY 31S to HWY 480	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mt. Washington, Flat Lick	
5 TOTAL C	IRCUIT LENGTH IN MILES		43.8
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		443
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PERG NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 55% Power Supplier, 22.6% Weather	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		64.6
10 REPORTI	ING YEAR (SAIDI)		96.14
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.07
12 REPORTI	ING YEAR (SAIFI)		1.42
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAII	E EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 12 - 2		
1 SUBSTATE	ON NAME AND NUMBER Mount	Washington	12
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT N	IAME AND NUMBER	#2 Kings Church	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Kings Church Road to Dawshon Hill	
5 TOTAL CI	RCUIT LENGTH IN MILES	<u> </u>	28.4
6 CUSTOME	R COUNT FOR THIS CIRCUIT	<u> </u>	970
7 DATE OF I	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 37.1% Weather, 34.5 Equipment Fail, 17.3% Anima	als
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		21.97
10 REPORTIN	ig year (saidi)		29.75
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)	·	0.24
12 REPORTIN	IG YEAR (SAIFI)		0.33
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 13 - 1		
1 SUBSTATIC	ON NAME AND NUMBER North S	pringfield	13
2 SUBSTATIC	ON LOCATION (COUNTY-ROAD-TOWN)	Washington - Hwy 555 - Springfield	····
3 CIRCUIT N	AME AND NUMBER	#1 Mackville - Springfield Road	
4 CIRCUIT LC	OCATION (TOWN-ROAD-GENERAL AREA)	Mackville area	
5 TOTAL CIR	CUIT LENGTH IN MILES		95.1
6 CUSTOME	R COUNT FOR THIS CIRCUIT		609
7 DATE OF L	AST CIRCUIT TRIM (VM)		2016
	GE CAUSES FOR CIRCUIT ALONG WITH PERGUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 78.6% Maint, 18.2% Weather	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		144.73
10 REPORTIN	g year (saidi)		157.31
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		1.63
12 REPORTING	G YEAR (SAIFI)		0.48
13 CORRECTIV	/E ACTION PLAN	None	

	SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	<u>#13-3</u>		
1 SUBSTATI	QN NAME AND NUMBER North S	pringfield	13
2 SUBSTATIO	ON LOCATION (COUNTY-ROAD-TOWN)	Washington - Hwy 555 - Springfield	
3 CIRCUIT N	AME AND NUMBER	#3 Washington County Industrial Park	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Springfield - US555 - Industrial Park	
5 TOTAL CIR	RCUIT LENGTH IN MILES	·	13.7
6 CUSTOME	R COUNT FOR THIS CIRCUIT		
7 DATE OF L	AST CIRCUIT TRIM (VM)		2016
	AGE CAUSES FOR CIRCUIT ALONG WITH PERC NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 97.9% Maintenance	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		82.87
10 REPORTIN	ig year (saidi)		176.22
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		0.39
12 REPORTIN	IG YEAR (SAIFI)	<b>-</b>	1
13 CORRECTI	VE ACTION PLAN	None	

	SECTION 5: CI	RCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 13 - 5		
			42
I SUBSIAII	ON NAME AND NUMBER North Sp		13
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Washington - Hwy 555 - Springfield	····
3 CIRCUIT N	IAME AND NUMBER	#5 Willisburg	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Willisburg	
5 TOTAL CIF	RCUIT LENGTH IN MILES		108.1
6 CUSTOME	R COUNT FOR THIS CIRCUIT		842
7 DATE OF I	AST CIRCUIT TRIM (VM)		2016
8 LIST OUT,	AGE CAUSES FOR CIRCUIT ALONG WITH PERC	ENTAGE OF TOTAL	
OUTAGE I	NUMBERS REPRESENTED BY EACH CAUSE	53.2% Maint, 16.1% Equip Fall, 11% Unknown	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		110.09
10 REPORTIN	IG YEAR (SAIDI)		164.85
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)	·	0.86
12 REPORTIN	ig year (saifi)		0.98
13 CORRECT	IVE ACTION PLAN	Intellirupters updated to minimize outage times.	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
	#14-1		
1 SUBSTAT	TON NAME AND NUMBER Pleasan	t Grove	14
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#1 Hwy 44E Bullitt East	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - 44E - East Bullitt County	
5 TOTAL CI	RCUIT LENGTH IN MILES	·	27.5
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		679
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 53.1% Equipment Failure, 35.3% Maint	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	<u> </u>	27.07
10 REPORTI	NG YEAR (SAIDI)		31.74
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.37
12 REPORTI	NG YEAR (SAIFI)		0.23
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 14 - 3		
1 SUBSTATI	ON NAME AND NUMBER Pleasan	t Grove	14
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT N	NAME AND NUMBER	#3 Hwy 44 to Greenbrier	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Hwy 44 to Greenbrier	
5 TOTAL CI	RCUIT LENGTH IN MILES	<u></u>	29.2
6 CUSTOMI	ER COUNT FOR THIS CIRCUIT		1470
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 42.3% Maint, 30.6% Unknown	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		14.53
10 REPORTIN	NG YEAR (SAIDI)		20.67
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)		0.29
12 REPORTIN	NG YEAR (SAIFI)		0.26
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: 0		
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	#142-5		
1 SUBSTATIO	ON NAME AND NUMBER Pleasan	t Grove 2	142
2 SUBSTATIO	ON LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT N	AME AND NUMBER	#5 Hwy 31E South	
4 CIRCUIT LO	DCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Hwy 31E South	
5 TOTAL CIR	CUIT LENGTH IN MILES	<u></u>	29.3
6 CUSTOME	R COUNT FOR THIS CIRCUIT	<u></u>	1002
7 DATE OF L	AST CIRCUIT TRIM (VM)	<u></u>	2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 81.7% Maint, 6.7% Unknown	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		47.83
10 REPORTIN	IG YEAR (SAIDI)		114.46
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		0.41
12 REPORTIN	IG YEAR (SAIFI)		0.7
13 CORRECTI	VE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#142-6		
1 SUBSTAT	ION NAME AND NUMBER Pleasan	t Grove 2	142
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#6 Bogard Lane	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Mount Washingon Bogard Lane	
5 TOTAL CI	RCUIT LENGTH IN MILES		9.9
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		504
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 98.1% Public	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)		41.95
10 REPORTIN	NG YEAR (SAIDI)		66.17
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)		0.67
12 REPORTIN	NG YEAR (SAIFI)		1.05
13 CORRECT	IVE ACTION PLAN	None	

	IRCUIT REPORTING	SECTION 5: (	
	EXCEEDING 5 YEAR AVERAGE)	(CIRCUITS WITH SAIDI AND/OR SAIF	
	EPORTED EXCLUDING MED)	(CIRCUIT NUMBERS SHOULD BE	
		# 152 - 4	CIRCUIT
15	dsville	TION NAME AND NUMBER	1 SUBSTATI
	Bullitt - US 61 - Shepherdsville	TION LOCATION (COUNTY-ROAD-TOWN)	2 SUBSTATI
	#4 Chapeze Lane	NAME AND NUMBER	3 CIRCUIT N
	Chapeze Lane	LOCATION (TOWN-ROAD-GENERAL AREA)	4 CIRCUIT L
15.8		CIRCUIT LENGTH IN MILES	5 TOTAL CIR
309		MER COUNT FOR THIS CIRCUIT	6 CUSTOME
2017		F LAST CIRCUIT TRIM (VM)	7 DATE OF L
	CENTAGE OF TOTAL 46.6% Weather, 28.8% Animals	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	
121.31		5 YEAR AVERAGE (SAIDI)	9 CIRCUIT 5
79		ING YEAR (SAIDI)	10 REPORTIN
1.13	<u></u>	5 YEAR AVERAGE (SAIFI)	11 CIRCUIT 5
1.14	<u></u>	ING YEAR (SAIFI)	12 REPORTIN
	None	TIVE ACTION PLAN	13 CORRECTI

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	E EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 152 - 5		
1 SUBSTAT	TION NAME AND NUMBER Shephe	rdsville	152
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 61 - Shepherdsville	
3 CIRCUIT	NAME AND NUMBER	#5 Blue Lick Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsivlle - Blue Lick Road	
5 TOTAL C	IRCUIT LENGTH IN MILES		20,8
6 CUSTON	IER COUNT FOR THIS CIRCUIT		1037
7 DATE OF	LAST CIRCUIT TRIM (VM)	<u></u>	2017
	TTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 52% Maint, 32% Equipment Failure	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		64.04
10 REPORT	ING YEAR (SAIDI)		77.94
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.98
12 REPORT	ING YEAR (SAIFI)		1.41
13 CORREC	TIVE ACTION PLAN		

.

SECTION 5: C	
(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)
(CIRCUIT NUMBERS SHOULD BE R	REPORTED EXCLUDING MED)
CIRCUIT # 16 - 2	
1 SUBSTATION NAME AND NUMBER South S	pringfield 16
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Washington - St. Rose Lebanon Road - Springfield
3 CIRCUIT NAME AND NUMBER	#2 Perryville Road
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Springfield - Perryville Road
5 TOTAL CIRCUIT LENGTH IN MILES	52.7_
6 CUSTOMER COUNT FOR THIS CIRCUIT	482_
7 DATE OF LAST CIRCUIT TRIM (VM)	2015
8 LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERC OUTAGE NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 90% Animals
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	83.97
10 REPORTING YEAR (SAIDI)	237.02
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81_
12 REPORTING YEAR (SAIFI)	3.76
13 CORRECTIVE ACTION PLAN	None

	SECTION 5: C	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)
CIRCUIT	#16-5	
1 SUBSTA	TION NAME AND NUMBER South S	pringfield16
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Washington - St. Rose Lebanon Road - Springfield
3 CIRCUIT	NAME AND NUMBER	#5 Manton
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Springfield - Manton Road - Manton
5 TOTAL	CIRCUIT LENGTH IN MILES	66.6
6 CUSTO	MER COUNT FOR THIS CIRCUIT	415
7 DATE O	F LAST CIRCUIT TRIM (VM)	2015
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PERC E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 62% Weather, 28.2% Maint
9 CIRCUIT	r 5 year average (saidi)	107.97
10 REPORT	NNG YEAR (SAIDI)	389.71
11 CIRCUIT	T 5 YEAR AVERAGE (SAIFI)	1.06
12 REPORT	ΠNG YEAR (SAIFI)	3.76
13 CORREC	CTIVE ACTION PLAN	None

.

	SECTION 5: CI	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT #:	17 - 2		
1 SUBSTATION	NAME AND NUMBER	ille	17
2 SUBSTATION	LOCATION (COUNTY-ROAD-TOWN)	Spencer - Hwy 44 - Taylorsville	
3 CIRCUIT NAM	E AND NUMBER	#2 Lilly Pike to Hwy 48	
4 CIRCUIT LOCA	TION (TOWN-ROAD-GENERAL AREA)	Lilly Pike to Hwy 48	
5 TOTAL CIRCUI	T LENGTH IN MILES		16.7
6 CUSTOMER C	OUNT FOR THIS CIRCUIT	<u></u>	149
7 DATE OF LAST	CIRCUIT TRIM (VM)	<u> </u>	2014
	CAUSES FOR CIRCUIT ALONG WITH PERC IBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 98.3% Weather	
9 CIRCUIT 5 YEA	AR AVERAGE (SAIDI)		117.56
10 REPORTING Y	EAR (SAIDI)	<u>.                                    </u>	275.09
11 CIRCUIT 5 YEA	AR AVERAGE (SAIFI)		0.67
12 REPORTING Y	EAR (SAIFI)		0.09
13 CORRECTIVE	ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 17 - 3		
1 SUBSTATI	ON NAME AND NUMBER Taylors	ville	17
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Spencer - Hwy 44 - Taylorsville	
3 CIRCUIT N	AME AND NUMBER	# 3 Hwy 44 to Waterford	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Hwy 44 to Waterford	
5 TOTAL CIR	CUIT LENGTH IN MILES		74.5
6 CUSTOME	R COUNT FOR THIS CIRCUIT		837
7 DATE OF L	AST CIRCUIT TRIM (VM)		2014
-	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 78.8% Public	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)		29.15
10 REPORTIN	ig year (Saidi)		60.74
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)	<u></u>	0.35
12 REPORTIN	IG YEAR (SAIFI)	<u> </u>	0.76
13 CORRECTI	VE ACTION PLAN	None	

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	SECTION 5:		
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#20-1		
1 SUBSTAT	ION NAME AND NUMBER West	Mt. Washington	20
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT I	NAME AND NUMBER	#1 Stringer Lane	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Stringer Lane	
5 TOTAL CI	RCUIT LENGTH IN MILES	<u></u>	5.3
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		330
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 72.5% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		19.45
10 REPORTI	NG YEAR (SAIDI)	<u></u>	45.46
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.4
12 REPORTI	NG YEAR (SAIFI)		1.17
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SA	IFI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#20-3		
1 SUBSTAT	TION NAME AND NUMBER West	Mt. Washington	20
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#3 Armstrong Lane	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Armstrong Lane	
5 TOTAL C	IRCUIT LENGTH IN MILES	······	7,3
6 CUSTON	IER COUNT FOR THIS CIRCUIT	<u></u>	1049
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 73.6% Power Supplier, 22.4% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		19.9
10 REPORTI	NG YEAR (SAIDI)		43.6
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.45
12 REPORTI	NG YEAR (SAIFI)		1.42
13 CORREC	TIVE ACTION PLAN	None	

.

	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R		
CIRCUIT	# 20 - 4		
CIRCON	# 20 - 4		
1 SUBSTATI	ON NAME AND NUMBER West M	t. Washington	20
2 SUBSTATI	ON LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT N	IAME AND NUMBER	#4 Flat Lick Road	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Mt. Washington - Flat Lick Road	
5 TOTAL CI	RCUIT LENGTH IN MILES		22
6 CUSTOME	ER COUNT FOR THIS CIRCUIT		893
7 DATE OF I	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 52% Power Supplier, 38.1% Animals	
9 CIRCUIT 5	YEAR AVERAGE (SAIDI)	<u> </u>	87.42
10 REPORTIN	IG YEAR (SAIDI)	<u> </u>	61.79
11 CIRCUIT 5	YEAR AVERAGE (SAIFI)		1.59
12 REPORTIN	IG YEAR (SAIFI)		1.61
13 CORRECTI	IVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 1		
1 SUBSTAT	ION NAME AND NUMBER West Ba	ardstown	18_
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	#1 US 245 to Hospital	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Bardstown-US 245	
5 TOTAL CI	RCUIT LENGTH IN MILES		18.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	<u></u>	760
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	AGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 88.2% Power Supplier	
9 CIRCUIT	SYEAR AVERAGE (SAIDI)		36.64
10 REPORTIN	ng year (saidi)		25.88
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.54
12 REPORTIN	ng year (Saifi)		1.05
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: 0		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 2		
1 SUBST	ATION NAME AND NUMBER West B	ardstown	18
2 SUBST	ATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUI	IT NAME AND NUMBER	#2 Nazareth Road	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Nazareth Road	
5 TOTAL	CIRCUIT LENGTH IN MILES		15.5
6 CUSTO	MER COUNT FOR THIS CIRCUIT		493
7 DATE C	DF LAST CIRCUIT TRIM (VM)	·	2015
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PER GE NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 47.2% Equip Fail, 40.9% Power Supplier	
9 CIRCUI	T 5 YEAR AVERAGE (SAIDI)		49.12
10 REPOR	TING YEAR (SAIDI)		56.13
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.58
12 REPOR	TING YEAR (SAIFI)		1.23
13 CORRE	CTIVE ACTION PLAN	New station being planned in area.	

.

	SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#18-4		
1 SUBSTAT	ION NAME AND NUMBER West Ba	ardstown	18
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	#4 Stumphs Court	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Hwy 245 - Stumphs Court	
5 TOTAL CI	RCUIT LENGTH IN MILES	<u></u>	27.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		523
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 45.7% Planned, 24.9% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	<u></u>	65.44
10 REPORTI	NG YEAR (SAIDI)		134.32
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.98
12 REPORTI	NG YEAR (SAIFI)		1.83
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: CI	RCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 5		
1 SUBSTATIO	N NAME AND NUMBER West Ba	rdstown	18_
2 SUBSTATIO	N LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT NA	ME AND NUMBER	# 5 US 62 Boston Road	
4 CIRCUIT LO	CATION (TOWN-ROAD-GENERAL AREA)	US 62 Boston Road	
5 TOTAL CIRC	UIT LENGTH IN MILES	• • • · · · · · · · · · · · · · · · · ·	59.3
6 CUSTOMER	COUNT FOR THIS CIRCUIT		612
7 DATE OF LA	ST CIRCUIT TRIM (VM)		2015
	GE CAUSES FOR CIRCUIT ALONG WITH PERC JMBERS REPRESENTED BY EACH CAUSE	ENTAGE OF TOTAL 69.8% Weather, 14.1% Public	
9 CIRCUIT 5 Y	EAR AVERAGE (SAIDI)		125.96
10 REPORTING	YEAR (SAIDI)	· · · · · · · · · · · · · · · · · · ·	285.85
11 CIRCUIT 5 Y	EAR AVERAGE (SAIFI)		1.5
12 REPORTING	YEAR (SAIFI)		2.85
13 CORRECTIV	E ACTION PLAN	None	

	SECTION 5:		
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 19 - 5		
1 SUBSTA	TION NAME AND NUMBER Woosle	ey	19_
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bellwood Road-Boston	
3 CIRCUIT	r NAME AND NUMBER	#5 Stillwell Road - Bellwood Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Stillwell Road - Bellwood Road	
5 TOTAL	CIRCUIT LENGTH IN MILES		14.4
6 CUSTO	MER COUNT FOR THIS CIRCUIT		101
7 DATE O	F LAST CIRCUIT TRIM (VM)	<u> </u>	2013
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PEF E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 43% Equipment Failure, 30.6% Public	
9 CIRCUIT	T 5 YEAR AVERAGE (SAIDI)	<u></u>	255.79
10 REPORT	ring year (saidi)		352.72
11 CIRCUIT	T 5 YEAR AVERAGE (SAIFI)		2.17
12 REPORT	ring year (saifi)	<u></u>	3.04
13 CORREC	CTIVE ACTION PLAN	2016 None	

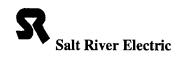
SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN Additional page may be attached as needed

Salt River is on a rotational four year trim plan and a four year spray plan.

#### SECTION 7: UTILITY COMMENTS

Page 3 of 3



# 2017 VEGETATION MANAGEMENT PLAN Right-of-Way Management

Salt River Electric recognizes that vegetation management along utility right-of-ways is extremely important to the overall reliability of the electrical system. Properly maintained right-of-ways minimize the occurrence of interruptions and will not hinder the restoration process should an outage occur. Salt River Electric also understands that properly maintained right-of-ways are necessary to ensure public safety. In addition, maintenance of right-of-ways helps decrease system losses and increases productivity of the utility.

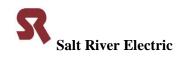
Salt River Electric has used a vast knowledge of experience in developing the Vegetation Management Plan. Industry standards have been consulted in the development of this plan, along with professional forestry personnel. The plan is periodically reviewed using a combination of reliability indices, including SAIFI and SAIDI, and all relevant experience that has been gained to ensure that the Vegetation Management Plan is current for our needs.

In accordance with its current plan, Salt River Electric will strive to adhere to the following guidelines whenever possible with the understanding that these can be adjusted as deemed necessary by management.

- 1. Salt River Electric will plan on trimming right-of-ways on a four-year cycle.
- 2. Salt River Electric will trim to ANSI A300 standards, when possible.
- 3. Three-phase lines will be trimmed to a width of 30 feet, where possible.
- 4. Single-phase lines will be trimmed to a width of 20 feet, where possible.
- 5. Services will be trimmed to allow swing clear of trees, where possible.
- 6. Herbicide application will be used to treat brush in the year following the trimming, where possible.
- 7. All efforts will be made to remove rather than trim problem trees, where possible.
- 8. Salt River Electric or a designee will attempt to contact customers prior to trimming right-of-ways on their property.
- 9. Salt River Electric or a designee will respond to customer requests to determine the best means of action for issues that fall outside of the normal rotation.
- 10. Salt River Electric will perform routine maintenance inspections of the system, and any vegetation management issues that fall outside of the normal cycle will be addressed as needed.

Salt River Electric understands that customer satisfaction is vital to all of its members. With that in mind, Salt River Electric personnel or its designee(s) have the option to deviate from the above set of guidelines when the request is deemed by Salt River Electric or its designee(s) to be reasonable and in the best interest of all parties. Salt River Electric will not honor requests that are deemed unreasonable and which may jeopardize safety or reliability.

Salt River Electric will annually evaluate the vegetation management plan to determine its effectiveness. Reliability indices will be used along with personnel observations and experiences to ensure that the Vegetation Management Plan is meeting the needs of Salt River Electric and its member-customers.



# 2017 VEGETATION MANAGEMENT PLAN Right of Way Management

Salt River Electric recognizes that vegetation management along utility Right of Ways is extremely important to the overall reliability of the electrical system. Properly maintained Right of Ways will minimize the occurrence of interruptions and additionally will not hinder the restoration process should an outage occur. Salt River Electric also understands that properly maintained Right of Ways is necessary to ensure public safety. In addition, the maintained of Right of Ways will help to decrease system losses and increase productivity of the utility.

Salt River Electric has used a vast knowledge of experience in developing the vegetation management plan. Industry standards have been consulted in the development of this plan along with professional forestry personnel. The plan is periodically reviewed using a combination of reliability indices, including SAIFI & SAIDI, and all relevant experience that has been gained to ensure that the vegetation management plan is current for our needs.

In accordance with our current plan, Salt River Electric will strive to adhere to the following guidelines whenever possible with the understanding that these can be adjusted as deemed necessary by management.

- 1. Salt River Electric will plan on trimming Right of Ways on a four-year cycle.
- 2. Salt River Electric will trim to ANSI A300 standards when possible.
- 3. Three Phase lines will be trimmed to a width of 30 feet where possible.
- 4. Single Phase lines will be trimmed to a width of 20 feet where possible.
- 5. Services will be trimmed to be able to swing clear of trees where possible.
- 6. Herbicide application will be used to treat brush in the year following the trimming where possible.
- 7. All efforts will be made to remove rather than trim problem trees where possible.
- 8. Salt River Electric or a designee will attempt to contact customers prior to trimming Right of Ways on their property.
- 9. Salt River Electric or a designee will respond to customer requests to determine the best means of action for issues that fall outside of the normal rotation.
- 10. Salt River Electric will do routine maintenance inspections of the system and any vegetation management issues that fall outside of the normal cycle will be addressed as needed.

Salt River Electric understands that customer satisfaction is vital to all of its members. With that in mind, Salt River Electric personnel or their designee have the option to deviate from the above set of guidelines when they believe that the request is reasonable and in the best interest of all parties. Salt River Electric will not honor requests that are deemed unreasonable and which may jeopardize safety or reliability.

Salt River Electric will annually evaluate the vegetation management plan to determine its effectiveness. Reliability indices will be used along with personnel observations and experiences to ensure that the vegetation management plan is meeting our needs.



January 26, 2018

To: Kentucky Public Service Commission

Subject: 2017 Prepay Metering Report KY PSC Case No. 2014-00407

From the beginning of the prepay program in September 2012, 3,508 members have participated in the program. Of those, 724 members enrolled in the prepay program in 2017. As of the end of 2017, there were 1,369 active participants.

In 2017, 567 members stopped participating in the prepay program. Of them 374 moved, 13 converted to post-pay, 161 did not make a payment after the meter disconnected for lack of funds, 2 deceased, 3 did not occupy location, and 14 stopped participation for other reasons.

In 2017, there were 15,843 disconnects due to the account balance depleting to zero or below. These disconnects occurred on 1,257 members.

Sincerely,

Musaffit

Melissa R Hite Manager of Information Technology and Billing



# **KENTUCKY PUBLIC SERVICE COMMISSION** Electric Distribution Utility Annual Reliability Report

# CASE NO. 2011 – 00450

#### SECTION 1: CONTACT INFORMATION

- UTILITY NAME 1.1
  - 1.1Salt River Electric1.2Daniel Carrico

REPORT PREPARED BY E-MAIL ADDRESS OF PREPARER

1.3 dcarrico@srelectric.com

PHONE NUMBER OF PREPARER

502-350-1606

1.4 502-350-16

#### SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT 2.1 2017

#### SECTION 3: MAJOR EVENT DAYS

TMED	3.1	5.68
FIRST DATE USED TO DETERMINE TMED	3.2	1/1/2013
LAST DATE USED TO DETERMINE TMED	3.3	12/31/2017
NUMBER OF MED IN REPORT YEAR	3.4	4

NOTE: Per IEEE 1366 TMED 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	5 51349	TOTAL CIRCUITS	92	
	Exclud	ling MED		
5 YEAR AVERAGE REPORTING YEAR			TING YEAR	
SAIDI	75.3	SAIDI	60.5	
SAIFI	0.88	SAIFI	0.85	
	Includ	ling MED		
5 YEA	AR AVERAGE	REPOR	TING YEAR	
SAIDI	110.6	SAIDI	112.5	
SAIFI	1.1266	SAIFI	1.188	

Notes:

1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.

2) Reports are due on the first business day of April 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, CAIDI, and TMED

	SECTION 5: C	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)
CIRCUIT	# 1-1	
1 SUBSTAT	ION NAME AND NUMBER Balltow	n1
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Balltown Road
3 CIRCUIT	NAME AND NUMBER	# 1 Holy Cross - Hwy 49
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Holy Cross - Hwy 49
5 TOTAL CI	RCUIT LENGTH IN MILES	89.3
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	1028
7 DATE OF	LAST CIRCUIT TRIM (VM)	2016
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL Unknown 35%, Weather 28.4%, Animals 17.6%
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	67.21
10 REPORTI	NG YEAR (SAIDI)	74.19
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)	1.23
12 REPORTI	NG YEAR (SAIFI)	0.82
13 CORRECT	IVE ACTION PLAN	None

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 2 - 1		
1 SUBSTAT	TION NAME AND NUMBER Bardsto	own Shopping Center	2
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bardstown, Court House	
3 CIRCUIT	NAME AND NUMBER	#1 Heaven Hill	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown, Loretto Road	
5 TOTAL C	IRCUIT LENGTH IN MILES		23.9
6 CUSTON	IER COUNT FOR THIS CIRCUIT		277
7 DATE OF	LAST CIRCUIT TRIM (VM)		2016
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL Public 59.2%, 30.8%	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		19.79
10 REPORTI	ING YEAR (SAIDI)		37.13
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.28
12 REPORTI	ING YEAR (SAIFI)		0.44
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE		
CIRCUIT	#2-5		
1 SUBSTAT	TION NAME AND NUMBER Bardsto	own Shopping Center	2
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bardstown, Court House	
3 CIRCUIT	NAME AND NUMBER	#5 Bardstown Plaza	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - US 150	
5 TOTAL C	IRCUIT LENGTH IN MILES		3.3
6 CUSTON	IER COUNT FOR THIS CIRCUIT		358
7 TOTAL C	IRCUIT LENGTH IN MILES		2016
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL Animals 42.8%, Maint 38.4%	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		11.84
10 REPORTI	ING YEAR (SAIDI)		12.77
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.17
12 REPORTI	ING YEAR (SAIFI)		0.25
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 21 - 2		
1 SUBSTA	TION NAME AND NUMBER Beulah	Beam	21
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Shepherdsville	
3 CIRCUIT	NAME AND NUMBER	#2 South Shephersville	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsville-South	
5 TOTAL C	CIRCUIT LENGTH IN MILES		10.1
6 CUSTON	VER COUNT FOR THIS CIRCUIT		598
7 DATE OF	F LAST CIRCUIT TRIM (VM)		2015
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL <u>67.9% Maintenance, 17.3% Animals</u>	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		34.66
10 REPORT	ING YEAR (SAIDI)		35.71
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.47
12 REPORT	ING YEAR (SAIFI)		0.52
13 CORREC	ΤΙΥΕ ΑCTION ΡΙ ΑΝ	None	

	SEC	TION 5: CIF	CUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)			
	(CIRCUIT NUMBERS SHC	OULD BE RE	PORTED EXCLUDING MED)	
CIRCUIT	# 21 - 3			
1 SUBSTAT	ION NAME AND NUMBER	Beulah Be	eam	21
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOV	VN)	Bullitt-Hwy 44-Shepherdsville	
3 CIRCUIT	NAME AND NUMBER		#3 North Shepherdsville	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL A	AREA)	Shepherdsville-North	
5 TOTAL CI	RCUIT LENGTH IN MILES			13.8
6 CUSTOM	ER COUNT FOR THIS CIRCUIT			938
7 DATE OF	LAST CIRCUIT TRIM (VM)			2015
	AGE CAUSES FOR CIRCUIT ALONG W NUMBERS REPRESENTED BY EACH C		NTAGE OF TOTAL 84.2% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			33.43
10 REPORTI	NG YEAR (SAIDI)			65.68
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.61
12 REPORTI	NG YEAR (SAIFI)			0.5
13 CORRECT	IVE ACTION PLAN		None	

	SECTION 5	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SA	IFI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 4 -5		
1 SUBSTAT	TION NAME AND NUMBER Bloom	field	4
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson - Hwy 1066 - Bloomfield	
3 CIRCUIT	NAME AND NUMBER	#5 Springfield - Campground Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Springfield Road & Campground Road	
5 TOTAL C	IRCUIT LENGTH IN MILES		40.5
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		260
7 DATE OF	LAST CIRCUIT TRIM (VM)		2014
	TAGE CAUSES FOR CIRCUIT ALONG WITH PEI NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 67.1% Weather, 31.5% Public	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		204.97
10 REPORTI	NG YEAR (SAIDI)		281.37
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.7
12 REPORTI	NG YEAR (SAIFI)		2.25
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#5-4		
1 SUBSTAT	FION NAME AND NUMBER Bluelick	k	5
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Jefferson - Octagon Ave	
3 CIRCUIT	NAME AND NUMBER	#4 Brooks @165	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Louisville - 165 - Brooks	
5 TOTAL C	IRCUIT LENGTH IN MILES		2
6 CUSTON	IER COUNT FOR THIS CIRCUIT		99
7 DATE OF	LAST CIRCUIT TRIM (VM)		2018
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 83.6% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		26.6
10 REPORT	ING YEAR (SAIDI)		67.9
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.66
12 REPORT	ING YEAR (SAIFI)		1.42
13 CORREC	TIVE ACTION PLAN	None	

	SECT	ION 5: CIF	CUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/	OR SAIFI E	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOU	JLD BE RE	PORTED EXCLUDING MED)	
CIRCUIT	# 6 - 2			
1 SUBSTAT	TON NAME AND NUMBER	Brooks		6
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOW	'N)	Bullitt - Coral Springs - Brooks	
3 CIRCUIT	NAME AND NUMBER		#2 Brooks Hill Road - Brooks Station	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AI	REA)	Brooks Hill Road - Brooks Station	
5 TOTAL CI	IRCUIT LENGTH IN MILES			29.2
6 CUSTOM	IER COUNT FOR THIS CIRCUIT			781
7 DATE OF	LAST CIRCUIT TRIM (VM)			2018
	TAGE CAUSES FOR CIRCUIT ALONG W NUMBERS REPRESENTED BY EACH CA	-	NTAGE OF TOTAL 74.8% Maintenance, 7.8% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			111.18
10 REPORTI	NG YEAR (SAIDI)			142.95
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.99
12 REPORTI	NG YEAR (SAIFI)			1.03
13 CORRECT	TIVE ACTION PLAN		None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	# 6 - 3		
1 SUBSTAT	ION NAME AND NUMBER Brooks		6
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Coral Ridge Road - Brooks	
3 CIRCUIT I	NAME AND NUMBER	#3 Bullitt County Stone	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA)	Bullitt County Stone area	
5 TOTAL CI	RCUIT LENGTH IN MILES		15
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		397
7 DATE OF	LAST CIRCUIT TRIM (VM)		2018
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 67% Weather, 23.2% Equipment Failure	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)		109.63
10 REPORTII	NG YEAR (SAIDI)		160.23
11 CIRCUIT S	5 YEAR AVERAGE (SAIFI)		1.23
12 REPORTII	NG YEAR (SAIFI)		1.63
13 CORRECT	TIVE ACTION PLAN	None	

		SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAID	I AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBER	S SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#292-6			
1 SUBSTAT	TION NAME AND NUMBER	Cedar G	rove Ind Park2	292
2 SUBSTAT	TION LOCATION (COUNTY-ROAI	D-TOWN)	Cedar Grove Industrial Park	
3 CIRCUIT	NAME AND NUMBER		#6 Hwy 480 East	
4 CIRCUIT	LOCATION (TOWN-ROAD-GEN	ERAL AREA)	Cedar Grove - Hwy 480 East - Industrial P	Park
5 TOTAL C	IRCUIT LENGTH IN MILES			7.4
6 CUSTON	IER COUNT FOR THIS CIRCUIT			273
7 DATE OF	LAST CIRCUIT TRIM (VM)			2017
	TAGE CAUSES FOR CIRCUIT ALC NUMBERS REPRESENTED BY E	-	CENTAGE OF TOTAL 58.9% Maint, 34.5% Equipment Failure	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			25.53
10 REPORTI	ING YEAR (SAIDI)			28.32
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.56
12 REPORTI	ING YEAR (SAIFI)			0.41
13 CORREC	TIVE ACTION PLAN		None	

		SECTION 5: C		
	(CIRCUITS WITH SAID	I AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBER	S SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#292-7			
1 SUBSTAT	ION NAME AND NUMBER	Cedar G	rove Ind Park2	292_
2 SUBSTAT	TION LOCATION (COUNTY-ROAD	D-TOWN)	Cedar Grove Industrial Park	
3 CIRCUIT	NAME AND NUMBER		#2 East Side Industrial Park	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENE	RAL AREA)	Cedar Grove Ind Park	
5 TOTAL C	IRCUIT LENGTH IN MILES			2.5
6 CUSTOM	IER COUNT FOR THIS CIRCUIT			41
7 DATE OF	LAST CIRCUIT TRIM (VM)			2017
	TAGE CAUSES FOR CIRCUIT ALO NUMBERS REPRESENTED BY E/	-	CENTAGE OF TOTAL 93.8% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			97.26
10 REPORTI	NG YEAR (SAIDI)			34.9
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.99
12 REPORTI	NG YEAR (SAIFI)			1.02
13 CORREC	TIVE ACTION PLAN		None	

	SECTION 5:	CIRCUIT REPORTING
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)
CIRCUIT	#11-5	
1 SUBSTAT	ION NAME AND NUMBER Cedar C	Grove11
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 480
3 CIRCUIT	NAME AND NUMBER	#5 US480 West - Industrial Park
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Cedar Grove - US480 - Cedar Grove Industrial Park
5 TOTAL CI	RCUIT LENGTH IN MILES	30.8
6 CUSTOM	IER COUNT FOR THIS CIRCUIT	585
7 DATE OF	LAST CIRCUIT TRIM (VM)	2017
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 67% Maint, 11.4% Weather
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	96.75
10 REPORTI	NG YEAR (SAIDI)	149.49
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)	1.04
12 REPORTI	NG YEAR (SAIFI)	1
13 CORRECT	TIVE ACTION PLAN	None

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#23-2		
1 SUBSTAT	TION NAME AND NUMBER Darwin	Thomas	23
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 155-Elk Creek	
3 CIRCUIT	NAME AND NUMBER	#2 Normandy	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Elk Creek, Spencer County	
5 TOTAL C	IRCUIT LENGTH IN MILES		44.4
6 CUSTON	IER COUNT FOR THIS CIRCUIT		699
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 85.1% Weather	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		58.59
10 REPORTI	ING YEAR (SAIDI)		115.59
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.52
12 REPORTI	ING YEAR (SAIFI)		1.23
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: C	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EI EXCEEDING 5 YEAR AVERAGE)
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)
CIRCUIT	#23-4	
1 SUBSTA	TION NAME AND NUMBER Darwin	Thomas 23
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 155-Elk Creek
3 CIRCUIT	NAME AND NUMBER	#4 Hwy 155 and Allen Place
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Taylorsville - Hwy 155 - Elk Creek
5 TOTAL C	CIRCUIT LENGTH IN MILES	33.5
6 CUSTON	MER COUNT FOR THIS CIRCUIT	1116
7 DATE OI	F LAST CIRCUIT TRIM (VM)	2015
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 27.4% Planned, 24.1% Unknown, 19.5% Equip Fail
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)	56.32
10 REPORT	'ING YEAR (SAIDI)	46.81
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)	0.89
12 REPORT	'ING YEAR (SAIFI)	1.47
13 CORREC	TIVE ACTION PLAN	None

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 30 - 2		
1 SUBSTA	TION NAME AND NUMBER Deates	ville	30
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Deatesville Road	
3 CIRCUIT	NAME AND NUMBER	#2 Hwy 245 & Samuels	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 245 7 Samuels	
5 TOTAL (	CIRCUIT LENGTH IN MILES		30.1
6 CUSTON	MER COUNT FOR THIS CIRCUIT		999
7 DATE O	F LAST CIRCUIT TRIM (VM)		2015
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PEF E NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 91.7% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		48.45
10 REPORT	ING YEAR (SAIDI)		21.69
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.85
12 REPORT	'ING YEAR (SAIFI)		1.02
13 CORREC	CTIVE ACTION PLAN	None	

	SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 30 - 4		
1 SUBSTA	TION NAME AND NUMBER Deatesv	ville	30
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Deatesville Road	
3 CIRCUIT	NAME AND NUMBER	#4 Lenore	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Lenore	
5 TOTAL C	CIRCUIT LENGTH IN MILES		23.9
6 CUSTON	VER COUNT FOR THIS CIRCUIT		209
7 DATE OI	F LAST CIRCUIT TRIM (VM)		2015
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 77.7% Equipment Failure	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		96.87
10 REPORT	ING YEAR (SAIDI)		77.41
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.29
12 REPORT	ING YEAR (SAIFI)		1.67
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 7 - 5		
1 SUBST	ATION NAME AND NUMBER East Ba	ardstown	7
2 SUBSTA	ATION LOCATION (COUNTY-ROAD-TOWN)	Nelson - US 62 - Bardstown	
3 CIRCUI	T NAME AND NUMBER	#5 Quarry	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - US 245	
5 TOTAL	CIRCUIT LENGTH IN MILES		38.4
6 CUSTO	MER COUNT FOR THIS CIRCUIT		26
7 DATE C	DF LAST CIRCUIT TRIM (VM)		2017
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PEI GE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 95.7% Public	
9 CIRCUI	T 5 YEAR AVERAGE (SAIDI)		39.16
10 REPOR	TING YEAR (SAIDI)		130.31
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.47
12 REPOR	TING YEAR (SAIFI)		1.51
13 CORRE	CTIVE ACTION PLAN	None	

	SECTIO	ON 5: CIRCUIT REPORTING	-
	(CIRCUITS WITH SAIDI AND/OR	R SAIFI EXCEEDING 5 YEAR AVERAGE)	-
	(CIRCUIT NUMBERS SHOULD	D BE REPORTED EXCLUDING MED)	-
CIRCUIT	# 26 - 3		
1 SUBSTAT	ION NAME AND NUMBER	edricksburg	26
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Washington-Fredricksburg	
3 CIRCUIT I	NAME AND NUMBER	# Fredricksburg Hill	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA	A) Fredricksburg	
5 TOTAL CI	RCUIT LENGTH IN MILES		46.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		313
7 DATE OF	LAST CIRCUIT TRIM (VM)		2016
	TAGE CAUSES FOR CIRCUIT ALONG WITH NUMBERS REPRESENTED BY EACH CAUS		
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		21.1
10 REPORTII	NG YEAR (SAIDI)		27.82
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.23
12 REPORTII	NG YEAR (SAIFI)		0.3
13 CORRECT	IVE ACTION PLAN	None	

	SECTION 5: 0		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#22-1		
1 SUBSTAT	TION NAME AND NUMBER Joe Tich	ienor	22
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT	NAME AND NUMBER	#1 31E Bardstown	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Hwy 31E - Cox's Creek	
5 TOTAL C	IRCUIT LENGTH IN MILES		19.3
6 CUSTON	IER COUNT FOR THIS CIRCUIT		501
7 DATE OF	LAST CIRCUIT TRIM (VM)		2014
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 41.7% Unknown, 30.4% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		32.24
10 REPORTI	ING YEAR (SAIDI)		16.48
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.75
12 REPORTI	ING YEAR (SAIFI)		1.26
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)		
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#22-2		
1 SUBSTAT	ION NAME AND NUMBER Joe Tich	enor	22
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT	NAME AND NUMBER	#2 Hwy 509 Samuels	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Samuels Rd - Samuels	
5 TOTAL CI	RCUIT LENGTH IN MILES		17.7
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		185
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PERC NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 32.6% Planned, 21.4% Weather, 20	).2% Power Supplier
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		65.57
10 REPORTI	NG YEAR (SAIDI)		182.07
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.13
12 REPORTI	NG YEAR (SAIFI)		2.99
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	#22-3		
1 SUBSTAT	TION NAME AND NUMBER Joe Tich	enor	22
2 SUBSTAT	TON LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT	NAME AND NUMBER	#3 Hwy 509 Fairfield	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 509 from Cox's Creek to Fairfield	
5 TOTAL CI	IRCUIT LENGTH IN MILES		84.8
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		622
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PERONUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 78.9% Unknown, 9.8% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		57.17
10 REPORTI	NG YEAR (SAIDI)		50.92
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.78
12 REPORTI	NG YEAR (SAIFI)		1.47
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 22 - 4		
1 SUBSTA	TION NAME AND NUMBER Joe Tich	henor	22
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT	NAME AND NUMBER	#4 US 31E to Hwy 480	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	US 31 E North of Cox's Creek	
5 TOTAL C	CIRCUIT LENGTH IN MILES		32.4
6 CUSTON	VER COUNT FOR THIS CIRCUIT		357
7 DATE OF	F LAST CIRCUIT TRIM (VM)		2015
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 93% Maint	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		125.43
10 REPORT	ING YEAR (SAIDI)		167.88
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.2
12 REPORT	ING YEAR (SAIFI)		2.33
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 24 - 1		
1 SUBST	ATION NAME AND NUMBER Knob C	Creek	24
2 SUBST	ATION LOCATION (COUNTY-ROAD-TOWN)	#1 Knob Creek	
3 CIRCUI	T NAME AND NUMBER	Knob Creek	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AREA)	Knob Creek	
5 TOTAL	CIRCUIT LENGTH IN MILES		43.8
6 CUSTO	MER COUNT FOR THIS CIRCUIT		524
7 DATE C	DF LAST CIRCUIT TRIM (VM)		2015
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PEF GE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 90.3% Maint	
9 CIRCUI	T 5 YEAR AVERAGE (SAIDI)		250.92
10 REPOR	TING YEAR (SAIDI)		253.43
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		2.31
12 REPOR	TING YEAR (SAIFI)		1.48
13 CORRE	CTIVE ACTION PLAN	none	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 25 - 1		
1 SUBSTA	TION NAME AND NUMBER Lebanor	n Junction	25
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-US 61-Lebanon Junction	
3 CIRCUIT	NAME AND NUMBER	#1 US 61-Lebanon Junction	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Lebanon Junction	
5 TOTAL C	CIRCUIT LENGTH IN MILES		28.9
6 CUSTON	IER COUNT FOR THIS CIRCUIT		358
7 DATE OF	F LAST CIRCUIT TRIM (VM)		2017
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 70% Equipment Failure, 25.8% Maint	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		130.81
10 REPORT	ING YEAR (SAIDI)		180.18
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.16
12 REPORT	ING YEAR (SAIFI)		1.33
13 CORREC	ΤΙΥΕ ΑCTION ΡΙ ΑΝ	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	# 25 - 2		
1 SUBSTA	TION NAME AND NUMBER Lebano	n Junction	25
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-US 61-Lebanon Junction	
3 CIRCUIT	NAME AND NUMBER	#2 US 61-Belmont	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	US 61 - Belmont	
5 TOTAL (	CIRCUIT LENGTH IN MILES		32.9
6 CUSTON	MER COUNT FOR THIS CIRCUIT		454
7 DATE O	F LAST CIRCUIT TRIM (VM)		2017
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 43.2% Maint, 40.1% Unknown	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		174.4
10 REPORT	TING YEAR (SAIDI)		149.24
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.78
12 REPORT	TING YEAR (SAIFI)		1.85
13 CORREC	ΤΙΥΕ ΑCTION ΡΙ ΑΝ	None	

	SECTI	ON 5: CIRCUIT REPORTING	_
	(CIRCUITS WITH SAIDI AND/C	DR SAIFI EXCEEDING 5 YEAR AVERAGE)	_
	(CIRCUIT NUMBERS SHOU	ILD BE REPORTED EXCLUDING MED)	_
CIRCUIT	#122-6		
1 SUBSTA	TION NAME AND NUMBER	Mt. Washington	6
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN	N) Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUI	T NAME AND NUMBER	#6 Flat Lick	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AR	EA) Mount Washington - Hwy 44 - Fla	t Lick
5 TOTAL	CIRCUIT LENGTH IN MILES		25.4
6 CUSTO	MER COUNT FOR THIS CIRCUIT		1709
7 DATE C	PF LAST CIRCUIT TRIM (VM)		2015
	UTAGE CAUSES FOR CIRCUIT ALONG WIT E NUMBERS REPRESENTED BY EACH CAU		
9 CIRCUI	T 5 YEAR AVERAGE (SAIDI)		32.55
10 REPOR	TING YEAR (SAIDI)		63.31
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.57
12 REPOR	TING YEAR (SAIFI)		1.26
13 CORRE	CTIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#122-7		
1 SUBSTA	TION NAME AND NUMBER Mt. Wa	ashington	6
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#7 HWY 31S to HWY 480	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mt. Washington, Flat Lick	
5 TOTAL (	CIRCUIT LENGTH IN MILES		43.8
6 CUSTON	MER COUNT FOR THIS CIRCUIT		443
7 DATE O	F LAST CIRCUIT TRIM (VM)		2015
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PEF E NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 55% Power Supplier, 22.6% Weather	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		64.6
10 REPORT	'ING YEAR (SAIDI)		96.14
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.07
12 REPORT	'ING YEAR (SAIFI)		1.42
13 CORREC	CTIVE ACTION PLAN	None	

		SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)			
	(CIRCUIT NUMBERS	SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 12 - 2			
1 SUBSTAT	ION NAME AND NUMBER	Mount	Nashington	12
2 SUBSTAT	ION LOCATION (COUNTY-ROAD	-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT I	NAME AND NUMBER		#2 Kings Church	
4 CIRCUIT I	OCATION (TOWN-ROAD-GENE	RAL AREA)	Kings Church Road to Dawshon Hill	
5 TOTAL CI	RCUIT LENGTH IN MILES			28.4
6 CUSTOM	ER COUNT FOR THIS CIRCUIT			970
7 DATE OF	LAST CIRCUIT TRIM (VM)			2015
	AGE CAUSES FOR CIRCUIT ALO NUMBERS REPRESENTED BY EA		CENTAGE OF TOTAL 37.1% Weather, 34.5 Equipment Fail,	17.3% Animals
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			21.97
10 REPORTII	NG YEAR (SAIDI)			29.75
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.24
12 REPORTII	NG YEAR (SAIFI)			0.33
13 CORRECT	IVE ACTION PLAN		None	

	S	ECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI A	ND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS S	HOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 13 - 1			
1 SUBSTAT	FION NAME AND NUMBER	North Sp	pringfield	13
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-T	OWN)	Washington - Hwy 555 - Springfield	
3 CIRCUIT	NAME AND NUMBER		#1 Mackville - Springfield Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERA	AL AREA)	Mackville area	
5 TOTAL C	IRCUIT LENGTH IN MILES			95.1
6 CUSTON	IER COUNT FOR THIS CIRCUIT			609
7 DATE OF	LAST CIRCUIT TRIM (VM)			2016
	TAGE CAUSES FOR CIRCUIT ALONG		CENTAGE OF TOTAL 78.6% Maint, 18.2% Weather	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			144.73
10 REPORTI	NG YEAR (SAIDI)			157.31
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			1.63
12 REPORTI	NG YEAR (SAIFI)			0.48
13 CORREC	TIVE ACTION PLAN		None	

	SECTIC	ON 5: CIRCUIT REPORTING	_	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)			
	(CIRCUIT NUMBERS SHOUL	D BE REPORTED EXCLUDING MED)	_	
CIRCUIT	#13-3			
1 SUBSTA	TION NAME AND NUMBER N	orth Springfield	13	
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Washington - Hwy 555 - Springfie	ld	
3 CIRCUIT	NAME AND NUMBER	#3 Washington County Industrial	Park	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL ARE	A) Springfield - US555 - Industrial Pa	rk	
5 TOTAL (	CIRCUIT LENGTH IN MILES		13.7	
6 CUSTON	MER COUNT FOR THIS CIRCUIT		54	
7 DATE O	F LAST CIRCUIT TRIM (VM)		2016	
	JTAGE CAUSES FOR CIRCUIT ALONG WITH E NUMBERS REPRESENTED BY EACH CAU			
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		82.87	
10 REPORT	ING YEAR (SAIDI)		176.22	
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.39	
12 REPORT	'ING YEAR (SAIFI)		1	
13 CORREC	CTIVE ACTION PLAN	None		

	SECTION 5: C	IRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI	EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE R	EPORTED EXCLUDING MED)	
CIRCUIT	# 13 - 5		
1 SUBSTAT	ION NAME AND NUMBER North S	pringfield	13
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Washington - Hwy 555 - Springfield	
3 CIRCUIT	NAME AND NUMBER	#5 Willisburg	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA)	Willisburg	
5 TOTAL CI	RCUIT LENGTH IN MILES		108.1
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		842
7 DATE OF	LAST CIRCUIT TRIM (VM)		2016
	TAGE CAUSES FOR CIRCUIT ALONG WITH PERG NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 53.2% Maint, 16.1% Equip Fail, 11% Unknown	
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)	1	L10.09
10 REPORTIN	NG YEAR (SAIDI)	1	L64.85
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.86
12 REPORTIN	NG YEAR (SAIFI)		0.98
13 CORRECT	IVE ACTION PLAN	Intellirupters updated to minimize outage times.	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#14-1		
1 SUBSTA	TION NAME AND NUMBER Pleasan	t Grove	14
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#1 Hwy 44E Bullitt East	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - 44E - East Bullitt County	
5 TOTAL C	CIRCUIT LENGTH IN MILES		27.5
6 CUSTON	IER COUNT FOR THIS CIRCUIT		679
7 DATE OF	- LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 53.1% Equipment Failure, 35.3% Maint	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		27.07
10 REPORTI	ING YEAR (SAIDI)		31.74
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.37
12 REPORTI	ING YEAR (SAIFI)		0.23
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 14 - 3		
1 SUBSTA	TION NAME AND NUMBER Pleasan	it Grove	14
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#3 Hwy 44 to Greenbrier	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 44 to Greenbrier	
5 TOTAL C	IRCUIT LENGTH IN MILES		29.2
6 CUSTON	IER COUNT FOR THIS CIRCUIT		1470
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 42.3% Maint, 30.6% Unknown	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		14.53
10 REPORTI	ING YEAR (SAIDI)		20.67
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.29
12 REPORTI	ING YEAR (SAIFI)		0.26
13 CORREC	TIVE ACTION PLAN	None	

	SECTION	5: CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)		
	(CIRCUIT NUMBERS SHOULD	BE REPORTED EXCLUDING MED)	
CIRCUIT	#142-5		
1 SUBSTAT	ION NAME AND NUMBER Plea	sant Grove 2	142_
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#5 Hwy 31E South	
4 CIRCUIT I	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Hwy 31E South	1
5 TOTAL CI	RCUIT LENGTH IN MILES		29.3
6 CUSTOM	ER COUNT FOR THIS CIRCUIT		1002
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH F NUMBERS REPRESENTED BY EACH CAUSE		
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		47.83
10 REPORTII	NG YEAR (SAIDI)		114.46
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.41
12 REPORTI	NG YEAR (SAIFI)		0.7
13 CORRECT	TIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	#142-6		
1 SUBSTAT	TION NAME AND NUMBER Pleasan	t Grove 2	142
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#6 Bogard Lane	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washingon Bogard Lane	
5 TOTAL C	IRCUIT LENGTH IN MILES		9.9
6 CUSTON	IER COUNT FOR THIS CIRCUIT		504
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 98.1% Public	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		41.95
10 REPORTI	NG YEAR (SAIDI)		66.17
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.67
12 REPORTI	NG YEAR (SAIFI)		1.05
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 152 - 4		
1 SUBSTA	ATION NAME AND NUMBER Shephe	erdsville	15
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 61 - Shepherdsville	
3 CIRCUIT	T NAME AND NUMBER	#4 Chapeze Lane	
4 CIRCUIT	T LOCATION (TOWN-ROAD-GENERAL AREA)	Chapeze Lane	
5 TOTAL	CIRCUIT LENGTH IN MILES		15.8
6 CUSTOI	MER COUNT FOR THIS CIRCUIT		309
7 DATE O	PF LAST CIRCUIT TRIM (VM)		2017
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 46.6% Weather, 28.8% Animals	
9 CIRCUIT	T 5 YEAR AVERAGE (SAIDI)		121.31
10 REPORT	TING YEAR (SAIDI)		79
11 CIRCUIT	T 5 YEAR AVERAGE (SAIFI)		1.13
12 REPORT	ΓING YEAR (SAIFI)		1.14
13 CORRE(	CTIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 152 - 5		
1 SUBSTA	ATION NAME AND NUMBER Shephe	erdsville	152
2 SUBSTA	ATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 61 - Shepherdsville	
3 CIRCUI	T NAME AND NUMBER	#5 Blue Lick Road	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsivlle - Blue Lick Road	
5 TOTAL	CIRCUIT LENGTH IN MILES		20.8
6 CUSTO	MER COUNT FOR THIS CIRCUIT		1037
7 DATE O	DF LAST CIRCUIT TRIM (VM)		2017
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 52% Maint, 32% Equipment Failure	
9 CIRCUI <sup>-</sup>	T 5 YEAR AVERAGE (SAIDI)		64.04
10 REPORT	TING YEAR (SAIDI)		77.94
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.98
12 REPORT	TING YEAR (SAIFI)		1.41
13 CORRE	CTIVE ACTION PLAN		

		SECTION 5: C	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)			
	(CIRCUIT NUMBER	S SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 16 - 2			
1 SUBSTAT	ION NAME AND NUMBER	South S	oringfield	16
2 SUBSTAT	ION LOCATION (COUNTY-ROAD	D-TOWN)	Washington - St. Rose Lebanon Road - Springfield	
3 CIRCUIT	NAME AND NUMBER		#2 Perryville Road	
4 CIRCUIT L	OCATION (TOWN-ROAD-GENE	RAL AREA)	Springfield - Perryville Road	
5 TOTAL CI	RCUIT LENGTH IN MILES			52.7
6 CUSTOM	ER COUNT FOR THIS CIRCUIT			482
7 DATE OF	LAST CIRCUIT TRIM (VM)			2015
	AGE CAUSES FOR CIRCUIT ALC NUMBERS REPRESENTED BY E		ENTAGE OF TOTAL 90% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			83.97
10 REPORTI	NG YEAR (SAIDI)			237.02
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.81
12 REPORTI	NG YEAR (SAIFI)			3.76
13 CORRECT	IVE ACTION PLAN		None	

	SECTION 5: CI	RCUIT REPORTING			
	(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)				
	(CIRCUIT NUMBERS SHOULD BE RE	EPORTED EXCLUDING MED)			
CIRCUIT	#16-5				
1 SUBSTAT	ION NAME AND NUMBER South Sp	ringfield16			
2 SUBSTAT	ION LOCATION (COUNTY-ROAD-TOWN)	Washington - St. Rose Lebanon Road - Springfield			
3 CIRCUIT	NAME AND NUMBER	#5 Manton			
4 CIRCUIT L	OCATION (TOWN-ROAD-GENERAL AREA)	Springfield - Manton Road - Manton			
5 TOTAL CI	RCUIT LENGTH IN MILES	66.6			
6 CUSTOM	ER COUNT FOR THIS CIRCUIT	415			
7 DATE OF	LAST CIRCUIT TRIM (VM)	2015			
	AGE CAUSES FOR CIRCUIT ALONG WITH PERCENTED BY EACH CAUSE	ENTAGE OF TOTAL 62% Weather, 28.2% Maint			
9 CIRCUIT 5	5 YEAR AVERAGE (SAIDI)	107.97			
10 REPORTIN	NG YEAR (SAIDI)	389.71			
11 CIRCUIT 5	5 YEAR AVERAGE (SAIFI)	1.06			
12 REPORTIN	NG YEAR (SAIFI)	3.76			
13 CORRECT	IVE ACTION PLAN	None			

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	EI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE I	REPORTED EXCLUDING MED)	
CIRCUIT	# 17 - 2		
1 SUBSTA	TION NAME AND NUMBER	ville	17
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Spencer - Hwy 44 - Taylorsville	
3 CIRCUIT	NAME AND NUMBER	#2 Lilly Pike to Hwy 48	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Lilly Pike to Hwy 48	
5 TOTAL (	CIRCUIT LENGTH IN MILES		16.7
6 CUSTON	MER COUNT FOR THIS CIRCUIT		149
7 DATE O	F LAST CIRCUIT TRIM (VM)		2014
	JTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 98.3% Weather	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		117.56
10 REPORT	'ING YEAR (SAIDI)		275.09
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.67
12 REPORT	'ING YEAR (SAIFI)		0.09
13 CORREC	ΤΙΥΕ ΑCTION ΡΙ ΑΝ	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 17 - 3		
1 SUBSTA	ATION NAME AND NUMBER	ville	17
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Spencer - Hwy 44 - Taylorsville	
3 CIRCUIT	T NAME AND NUMBER	# 3 Hwy 44 to Waterford	
4 CIRCUI	T LOCATION (TOWN-ROAD-GENERAL AREA)	Hwy 44 to Waterford	
5 TOTAL	CIRCUIT LENGTH IN MILES		74.5
6 CUSTOI	MER COUNT FOR THIS CIRCUIT		837
7 DATE O	DF LAST CIRCUIT TRIM (VM)		2014
	UTAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 78.8% Public	
9 CIRCUI	T 5 YEAR AVERAGE (SAIDI)		29.15
10 REPORT	TING YEAR (SAIDI)		60.74
11 CIRCUI	T 5 YEAR AVERAGE (SAIFI)		0.35
12 REPORT	TING YEAR (SAIFI)		0.76
13 CORRE(	CTIVE ACTION PLAN	None	

	SEC	TION 5: CIR	CUIT REPORTING	
	(CIRCUITS WITH SAIDI AND	)/OR SAIFI E	XCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHO	)ULD BE REF	PORTED EXCLUDING MED)	
CIRCUIT	#20-1			
1 SUBSTAT	TION NAME AND NUMBER	West Mt.	Washington	20
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOV	WN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT	NAME AND NUMBER		#1 Stringer Lane	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL A	AREA)	Mount Washington - Stringer Lane	
5 TOTAL C	IRCUIT LENGTH IN MILES			5.3
6 CUSTOM	IER COUNT FOR THIS CIRCUIT			330
7 DATE OF	LAST CIRCUIT TRIM (VM)			2015
	TAGE CAUSES FOR CIRCUIT ALONG V NUMBERS REPRESENTED BY EACH C	-	NTAGE OF TOTAL 72.5% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)			19.45
10 REPORTI	NG YEAR (SAIDI)			45.46
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)			0.4
12 REPORTI	NG YEAR (SAIFI)			1.17
13 CORREC <sup>1</sup>	TIVE ACTION PLAN		None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	#20-3		
1 SUBSTAT	FION NAME AND NUMBER West M	Λt. Washington	20
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#3 Armstrong Lane	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mount Washington - Armstrong Lane	
5 TOTAL C	IRCUIT LENGTH IN MILES		7.3
6 CUSTOM	IER COUNT FOR THIS CIRCUIT		1049
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 73.6% Power Supplier, 22.4% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		19.9
10 REPORTI	NG YEAR (SAIDI)		43.6
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.45
12 REPORTI	NG YEAR (SAIFI)		1.42
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 20 - 4		
1 SUBSTAT	TION NAME AND NUMBER West	Mt. Washington	20
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Mt. Washington	
3 CIRCUIT	NAME AND NUMBER	#4 Flat Lick Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Mt. Washington - Flat Lick Road	
5 TOTAL C	IRCUIT LENGTH IN MILES		22
6 CUSTON	IER COUNT FOR THIS CIRCUIT		893
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PE NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 52% Power Supplier, 38.1% Animals	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		87.42
10 REPORTI	NG YEAR (SAIDI)		61.79
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.59
12 REPORTI	NG YEAR (SAIFI)		1.61
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SA	IFI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 1		
1 SUBSTA	TION NAME AND NUMBER West	Bardstown	18_
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	#1 US 245 to Hospital	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown-US 245	
5 TOTAL C	CIRCUIT LENGTH IN MILES		18.4
6 CUSTON	AER COUNT FOR THIS CIRCUIT		760
7 DATE OI	F LAST CIRCUIT TRIM (VM)		2015
	ITAGE CAUSES FOR CIRCUIT ALONG WITH PE E NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL 88.2% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		36.64
10 REPORT	ING YEAR (SAIDI)		25.88
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.54
12 REPORT	ING YEAR (SAIFI)		1.05
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: 0	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAIF	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 2		
1 SUBSTAT	TION NAME AND NUMBER West B	ardstown	18
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	#2 Nazareth Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Nazareth Road	
5 TOTAL C	IRCUIT LENGTH IN MILES		15.5
6 CUSTON	IER COUNT FOR THIS CIRCUIT		493
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL <u>47.2% Equip Fail, 40.9% Power Supplier</u>	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		49.12
10 REPORTI	ING YEAR (SAIDI)		56.13
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.58
12 REPORTI	ING YEAR (SAIFI)		1.23
13 CORREC	TIVE ACTION PLAN	New station being planned in area.	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	I EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	#18-4		
1 SUBSTAT	TION NAME AND NUMBER West Ba	ardstown	18
2 SUBSTAT	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	#4 Stumphs Court	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Bardstown - Hwy 245 - Stumphs Court	
5 TOTAL C	IRCUIT LENGTH IN MILES		27.4
6 CUSTON	IER COUNT FOR THIS CIRCUIT		523
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 45.7% Planned, 24.9% Power Supplier	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		65.44
10 REPORTI	ING YEAR (SAIDI)		134.32
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		0.98
12 REPORTI	ING YEAR (SAIFI)		1.83
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5: C		
	(CIRCUITS WITH SAIDI AND/OR SAIF	E EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE F	REPORTED EXCLUDING MED)	
CIRCUIT	# 18 - 5		
1 SUBSTA	TION NAME AND NUMBER West Ba	ardstown	18
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 245-Bardstown	
3 CIRCUIT	NAME AND NUMBER	# 5 US 62 Boston Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	US 62 Boston Road	
5 TOTAL C	CIRCUIT LENGTH IN MILES		59.3
6 CUSTON	IER COUNT FOR THIS CIRCUIT		612
7 DATE OF	LAST CIRCUIT TRIM (VM)		2015
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER E NUMBERS REPRESENTED BY EACH CAUSE	CENTAGE OF TOTAL 69.8% Weather, 14.1% Public	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		125.96
10 REPORT	ING YEAR (SAIDI)		285.85
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		1.5
12 REPORT	ING YEAR (SAIFI)		2.85
13 CORREC	TIVE ACTION PLAN	None	

	SECTION 5:	CIRCUIT REPORTING	
	(CIRCUITS WITH SAIDI AND/OR SAI	FI EXCEEDING 5 YEAR AVERAGE)	
	(CIRCUIT NUMBERS SHOULD BE	REPORTED EXCLUDING MED)	
CIRCUIT	# 19 - 5		
1 SUBSTA	TION NAME AND NUMBER Woosle	еу	19
2 SUBSTA	TION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bellwood Road-Boston	
3 CIRCUIT	NAME AND NUMBER	#5 Stillwell Road - Bellwood Road	
4 CIRCUIT	LOCATION (TOWN-ROAD-GENERAL AREA)	Stillwell Road - Bellwood Road	
5 TOTAL C	CIRCUIT LENGTH IN MILES		14.4
6 CUSTON	IER COUNT FOR THIS CIRCUIT		101
7 DATE OF	- LAST CIRCUIT TRIM (VM)		2013
	TAGE CAUSES FOR CIRCUIT ALONG WITH PER NUMBERS REPRESENTED BY EACH CAUSE	RCENTAGE OF TOTAL <u>43% Equipment Failure, 30.6% Public</u>	
9 CIRCUIT	5 YEAR AVERAGE (SAIDI)		255.79
10 REPORT	ING YEAR (SAIDI)		352.72
11 CIRCUIT	5 YEAR AVERAGE (SAIFI)		2.17
12 REPORT	ING YEAR (SAIFI)		3.04
13 CORREC	TIVE ACTION PLAN	2016 None	

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN Additional page may be attached as needed

Salt River is on a rotational four year trim plan and a four year spray plan.

#### SECTION 7: UTILITY COMMENTS

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