

KENTUCKY PUBLIC SERVICE COMMISSION

[Electric Distribution Utility Annual Reliability ReportA1:144](#)

SECTION 1: CONTACT INFORMATION

| | | |
|----------------------------|-----|--------------------------------------------------------------------------------------|
| UTILITY NAME | 1.1 | Jackson Purchase Energy Corporation |
| REPORT PREPARED BY | 1.2 | Travis Spiceland |
| E-MAIL ADDRESS OF PREPARER | 1.3 | travis.spiceland@jpenenergy.com |
| PHONE NUMBER OF PREPARER | 1.4 | 270-441-0856 |

SECTION 2: REPORT YEAR

| | | |
|-------------------------|-----|------|
| CALENDAR YEAR OF REPORT | 2.1 | 2022 |
|-------------------------|-----|------|

SECTION 3: MAJOR EVENT DAYS

| | | |
|-----------------------------------|-----|------------|
| TMED | 3.1 | 10.43742 |
| FIRST DATE USED TO DETERMINE TMED | 3.2 | 1/1/2017 |
| LAST DATE USED TO DETERMINE TMED | 3.3 | 12/31/2021 |
| NUMBER OF MED IN REPORT YEAR | 3.4 | 1 |

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 RESULTS

System - Wide Information

| | | | |
|-----------------|-------|----------------|----|
| Total Customers | 30506 | Total Circuits | 91 |
|-----------------|-------|----------------|----|

Excluding MED

| 5 Year Average | | Reporting Year | |
|----------------|---------|----------------|--------|
| SAIDI | 120.998 | SAIDI | 134.37 |
| SAIFI | 1.295 | SAIFI | 1.611 |

Including MED

| 5 Year Average | | Reporting Year | |
|----------------|---------|----------------|---------|
| SAIDI | 301.386 | SAIDI | 145.345 |
| SAIFI | 1.726 | SAIFI | 1.668 |

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Additional pages may be attached as necessary
SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

JPEC has begun reclaiming the full width of the ROW to help extend the timeframe between circuit clearing. JPEC is also utilizing herbicide to control growth along previously cleared circuits. In addition, JPEC is using outage data to track tree related outages and prioritizing ROW spending to the circuits that require it. Operations personnel are reviewing ROW related outages to more efficiently use available resources. JPEC also employs contract crews that handles "hot-spot" or service order trimming.

SECTION 8: UTILITY COMMENTS

Overall, JPEC's system averaged 99.97% service availability during 2022. Excluding MEDs and Power Supply outages, JPEC had the following figures for 2022: SAIDI: 133.1, SAIFI: 1.59, and CAIDI: 83.7. Engineering and Operations will continue to monitor outages and associated reliability statistics to ensure attention and resources are directed to the appropriate circuits.

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: BURNA | 100 Contractor - Planned | 2 | 100.00 % | 2 | 8.82 | 100.00 % |
| Feeder Name: Hampton | | | | | | |
| Feeder Number: 214 | | | | | | |
| Feeder Location: 14214-Hampton | | | | | | |
| Customer Count: 85 | | | | | | |
| Circuit 5 Year Average (SAIDI): 172.9145 | | | | | | |
| Reporting Year (SAIDI): 6.1999 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.7154 | | | | | | |
| Reporting Year (SAIFI): 0.0235 | | | | | | |
| Total Circuit Length: 12 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: BURNA | 110 JPEC - Planned | 2 | 10.53 % | 13 | 10.92 | 4.35 % |
| Feeder Name: Salem | 300 Equipment Failure | 7 | 36.84 % | 73 | 173.28 | 69.04 % |
| Feeder Number: 244 | 420 ROW | 4 | 21.05 % | 22 | 47.77 | 19.03 % |
| Feeder Location: 14244-Salem | 500 Lightning | 2 | 10.53 % | 5 | 13.99 | 5.57 % |
| Customer Count: 324 | 510 Wind - Not Trees | 1 | 5.26 % | 1 | 1.76 | 0.70 % |
| Circuit 5 Year Average (SAIDI): 682.6449 | 690 Animal | 2 | 10.53 % | 4 | 1.90 | 0.76 % |
| Reporting Year (SAIDI): 32.0417 | 999 Cause unknown | 1 | 5.26 % | 2 | 1.37 | 0.55 % |
| Circuit 5 Year Average (SAIFI): 1.5058 | | | | | | |
| Reporting Year (SAIFI): 0.2250 | | | | | | |
| Total Circuit Length: 52.8 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: BURNA | 100 Contractor - Planned | 7 | 25.00 % | 24 | 66.06 | 4.19 % |
| Feeder Name: Smithland | 300 Equipment Failure | 1 | 3.57 % | 2 | 2.00 | 0.13 % |
| Feeder Number: 254 | 420 ROW | 5 | 17.86 % | 489 | 1451.76 | 92.17 % |
| Feeder Location: 14254-Smithland | 500 Lightning | 2 | 7.14 % | 8 | 12.45 | 0.79 % |
| Customer Count: 350 | 510 Wind - Not Trees | 1 | 3.57 % | 0 | 0.00 | 0.00 % |
| Circuit 5 Year Average (SAIDI): 505.1490 | 690 Animal | 9 | 32.14 % | 16 | 23.10 | 1.47 % |
| Reporting Year (SAIDI): 248.8511 | 999 Cause unknown | 3 | 10.71 % | 13 | 19.79 | 1.26 % |
| Circuit 5 Year Average (SAIFI): 2.9843 | | | | | | |
| Reporting Year (SAIFI): 1.3970 | | | | | | |
| Total Circuit Length: 69.9 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CALVERT CITY | 300 Equipment Failure | 2 | 22.22 % | 3 | 3.94 | 0.62 % |
| Feeder Name: Hwy 95 | 420 ROW | 1 | 11.11 % | 8 | 43.73 | 6.85 % |
| Feeder Number: 214 | 500 Lightning | 2 | 22.22 % | 6 | 13.57 | 2.13 % |
| Feeder Location: 43214-Hwy 95 | 690 Animal | 3 | 33.33 % | 282 | 515.65 | 80.77 % |
| Customer Count: 246 | 999 Cause unknown | 1 | 11.11 % | 34 | 61.51 | 9.64 % |
| Circuit 5 Year Average (SAIDI): 185.2114 | | | | | | |
| Reporting Year (SAIDI): 125.9148 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.8384 | | | | | | |
| Reporting Year (SAIFI): 1.1477 | | | | | | |
| Total Circuit Length: 18.6 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CALVERT CITY | 100 Contractor - Planned | 3 | 9.38 % | 11 | 30.46 | 5.25 % |
| Feeder Name: Calvert Heights | 110 JPEC - Planned | 4 | 12.50 % | 16 | 17.59 | 3.03 % |
| Feeder Number: 224 | 300 Equipment Failure | 3 | 9.38 % | 29 | 25.12 | 4.33 % |
| Feeder Location: 43224-Calvert Heigh | 420 ROW | 10 | 31.25 % | 103 | 250.62 | 43.20 % |
| Customer Count: 653 | 500 Lightning | 2 | 6.25 % | 63 | 212.12 | 36.56 % |
| Circuit 5 Year Average (SAIDI): 146.9455 | 690 Animal | 7 | 21.88 % | 24 | 26.66 | 4.60 % |
| Reporting Year (SAIDI): 25.7163 | 999 Cause unknown | 3 | 9.38 % | 39 | 17.56 | 3.03 % |
| Circuit 5 Year Average (SAIFI): 0.9567 | | | | | | |
| Reporting Year (SAIFI): 1.1572 | | | | | | |
| Total Circuit Length: 28.3 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|---------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CALVERT CITY | 300 Equipment Failure | 1 | 5.26 % | 1 | 1.34 | 0.34 % |
| Feeder Name: Gilbertsville | 420 ROW | 6 | 31.58 % | 47 | 124.37 | 31.55 % |
| Feeder Number: 234 | 500 Lightning | 2 | 10.53 % | 19 | 15.26 | 3.87 % |
| Feeder Location: 43234-Gilbertsville | 510 Wind - Not Trees | 1 | 5.26 % | 29 | 88.68 | 22.50 % |
| Customer Count: 339 | 690 Animal | 5 | 26.32 % | 57 | 83.82 | 21.27 % |
| Circuit 5 Year Average (SAIDI): 10402.4932 | 700 Member/Public Caused | 3 | 15.79 % | 35 | 80.31 | 20.37 % |
| Reporting Year (SAIDI): 21.9979 | 999 Cause unknown | 1 | 5.26 % | 1 | 0.38 | 0.10 % |
| Circuit 5 Year Average (SAIFI): 0.7789 | | | | | | |
| Reporting Year (SAIFI): 0.1680 | | | | | | |
| Total Circuit Length: 23.6 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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Substation Name: CALVERT CITY
Feeder Name: Industrial Park
Feeder Number: 244
Feeder Location: 43244-Industrial Par
Customer Count: 25
Circuit 5 Year Average (SAIDI): 135.7305
Reporting Year (SAIDI) 0.0000
Circuit 5 Year Average (SAIFI): 0.6998
Reporting Year (SAIFI): 0.0000
Total Circuit Length: 5
Date of Last Circuit Trim: 2017
Corrective Action Plan:

| Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------|-------------|------------|--------------|----------|------------|
| None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |

Substation Name: COLEMAN ROAD
Feeder Name: Conrad Heights
Feeder Number: 224
Feeder Location: 30224-Conrad Heigh
Customer Count: 371
Circuit 5 Year Average (SAIDI): 248.7180
Reporting Year (SAIDI) 9.3299
Circuit 5 Year Average (SAIFI): 1.4912
Reporting Year (SAIFI): 0.1348
Total Circuit Length: 18
Date of Last Circuit Trim: 2018
Corrective Action Plan:

| Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------|-------------|------------|--------------|----------|------------|
| 300 Equipment Failure | 1 | 6.25 % | 39 | 26.80 | 15.93 % |
| 420 ROW | 4 | 25.00 % | 15 | 57.69 | 34.30 % |
| 500 Lightning | 2 | 12.50 % | 13 | 15.33 | 9.11 % |
| 690 Animal | 7 | 43.75 % | 50 | 49.07 | 29.17 % |
| 999 Cause unknown | 2 | 12.50 % | 31 | 19.32 | 11.49 % |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: COLEMAN ROAD | 690 Animal | 1 | 33.33 % | 10 | 6.85 | 76.45 % |
| Feeder Name: Hwy 60 Business | 700 Member/Public Caused | 1 | 33.33 % | 1 | 0.80 | 8.93 % |
| Feeder Number: 244 | 999 Cause unknown | 1 | 33.33 % | 1 | 1.31 | 14.62 % |
| Feeder Location: 30244-Hwy 60 Busi | | | | | | |
| Customer Count: 104 | | | | | | |
| Circuit 5 Year Average (SAIDI): 164.3299 | | | | | | |
| Reporting Year (SAIDI): 3.9519 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.5558 | | | | | | |
| Reporting Year (SAIFI): 0.0962 | | | | | | |
| Total Circuit Length: 7.7 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: COLEMAN ROAD | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: KY Oaks Mall | | | | | | |
| Feeder Number: 254 | | | | | | |
| Feeder Location: 30254-KY Oaks Mal | | | | | | |
| Customer Count: 77 | | | | | | |
| Circuit 5 Year Average (SAIDI): 152.9855 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.4325 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 3.9 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CULP | 100 Contractor - Planned | 3 | 15.00 % | 3 | 4.33 | 9.07 % |
| Feeder Name: Proform | 300 Equipment Failure | 3 | 15.00 % | 12 | 11.52 | 24.13 % |
| Feeder Number: 214 | 420 ROW | 3 | 15.00 % | 4 | 3.93 | 8.23 % |
| Feeder Location: 42214-Proform | 500 Lightning | 1 | 5.00 % | 1 | 0.78 | 1.63 % |
| Customer Count: 427 | 690 Animal | 9 | 45.00 % | 11 | 11.48 | 24.05 % |
| Circuit 5 Year Average (SAIDI): 625.3812 | 999 Cause unknown | 1 | 5.00 % | 19 | 15.70 | 32.89 % |
| Reporting Year (SAIDI): 2.2045 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.2819 | | | | | | |
| Reporting Year (SAIFI): 0.0445 | | | | | | |
| Total Circuit Length: 25.7 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CULP | 110 JPEC - Planned | 1 | 25.00 % | 5 | 10.12 | 64.54 % |
| Feeder Name: Little Cypress | 420 ROW | 1 | 25.00 % | 1 | 2.84 | 18.11 % |
| Feeder Number: 224 | 999 Cause unknown | 2 | 50.00 % | 2 | 2.72 | 17.35 % |
| Feeder Location: 42224-Little Cypress | | | | | | |
| Customer Count: 48 | | | | | | |
| Circuit 5 Year Average (SAIDI): 102.6328 | | | | | | |
| Reporting Year (SAIDI): 12.5898 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.2935 | | | | | | |
| Reporting Year (SAIFI): 0.1036 | | | | | | |
| Total Circuit Length: 8 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CULP | 100 Contractor - Planned | 3 | 30.00 % | 6 | 4.90 | 7.32 % |
| Feeder Name: Possum Trot | 300 Equipment Failure | 2 | 20.00 % | 4 | 4.79 | 7.15 % |
| Feeder Number: 234 | 420 ROW | 2 | 20.00 % | 32 | 34.69 | 51.81 % |
| Feeder Location: 42234-Possum Trot | 500 Lightning | 1 | 10.00 % | 12 | 18.97 | 28.33 % |
| Customer Count: 202 | 700 Member/Public Caused | 2 | 20.00 % | 4 | 3.60 | 5.38 % |
| Circuit 5 Year Average (SAIDI): 446.6786 | | | | | | |
| Reporting Year (SAIDI): 10.3019 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.8193 | | | | | | |
| Reporting Year (SAIFI): 0.1584 | | | | | | |
| Total Circuit Length: 17.4 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CULP | 100 Contractor - Planned | 5 | 9.80 % | 11 | 34.95 | 1.44 % |
| Feeder Name: Sharpe | 110 JPEC - Planned | 6 | 11.76 % | 53 | 24.53 | 1.01 % |
| Feeder Number: 244 | 300 Equipment Failure | 8 | 15.69 % | 470 | 1163.23 | 47.85 % |
| Feeder Location: 42244-Sharpe | 420 ROW | 7 | 13.73 % | 1206 | 948.55 | 39.02 % |
| Customer Count: 1,107 | 500 Lightning | 2 | 3.92 % | 11 | 10.96 | 0.45 % |
| Circuit 5 Year Average (SAIDI): 138.1526 | 690 Animal | 18 | 35.29 % | 55 | 49.12 | 2.02 % |
| Reporting Year (SAIDI): 63.0260 | 710 Motor Vehicle | 1 | 1.96 % | 45 | 121.96 | 5.02 % |
| Circuit 5 Year Average (SAIFI): 1.4707 | 999 Cause unknown | 4 | 7.84 % | 68 | 77.88 | 3.20 % |
| Reporting Year (SAIFI): 1.0891 | | | | | | |
| Total Circuit Length: 56.2 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: CUMBERLAND JPEC | 100 Contractor - Planned | 3 | 21.43 % | 5 | 22.07 | 4.92 % |
| Feeder Name: Pinckneyville | 300 Equipment Failure | 3 | 21.43 % | 48 | 97.08 | 21.62 % |
| Feeder Number: 224 | 420 ROW | 4 | 28.57 % | 115 | 258.21 | 57.51 % |
| Feeder Location: 15224-Pinckneyville | 500 Lightning | 1 | 7.14 % | 5 | 4.03 | 0.90 % |
| Customer Count: 115 | 690 Animal | 2 | 14.29 % | 47 | 65.73 | 14.64 % |
| Circuit 5 Year Average (SAIDI): 473.4844 | 999 Cause unknown | 1 | 7.14 % | 1 | 1.84 | 0.41 % |
| Reporting Year (SAIDI): 135.2727 | | | | | | |
| Circuit 5 Year Average (SAIFI): 2.0449 | | | | | | |
| Reporting Year (SAIFI): 1.0041 | | | | | | |
| Total Circuit Length: 28 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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Substation Name: CUMBERLANDQUA

Feeder Name: Quarry

Feeder Number: 234

Feeder Location: 15234-Quarry

Customer Count: 30

Circuit 5 Year Average (SAIDI): 376.6030

Reporting Year (SAIDI): 405.7537

Circuit 5 Year Average (SAIFI): 1.9057

Reporting Year (SAIFI): 2.7888

Total Circuit Length: 5.3

Date of Last Circuit Trim: 2019

Corrective Action Plan:

| Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|--------------------------|-------------|------------|--------------|----------|------------|
| 100 Contractor - Planned | 1 | 20.00 % | 7 | 34.61 | 11.89 % |
| 110 JPEC - Planned | 1 | 20.00 % | 30 | 52.78 | 18.13 % |
| 420 ROW | 3 | 60.00 % | 84 | 203.69 | 69.98 % |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: DRAFFENVILLE | 100 Contractor - Planned | 2 | 16.67 % | 10 | 17.41 | 11.12 % |
| Feeder Name: Draffenville | 110 JPEC - Planned | 1 | 8.33 % | 3 | 1.97 | 1.26 % |
| Feeder Number: 214 | 300 Equipment Failure | 2 | 16.67 % | 3 | 3.40 | 2.17 % |
| Feeder Location: 66214-Draffenville | 420 ROW | 2 | 16.67 % | 6 | 7.74 | 4.94 % |
| Customer Count: 491 | 690 Animal | 3 | 25.00 % | 7 | 6.23 | 3.98 % |
| Circuit 5 Year Average (SAIDI): 11.0564 | 700 Member/Public Caused | 1 | 8.33 % | 8 | 45.71 | 29.20 % |
| Reporting Year (SAIDI): 9.0463 | 710 Motor Vehicle | 1 | 8.33 % | 28 | 74.08 | 47.32 % |
| Circuit 5 Year Average (SAIFI): 0.0875 | | | | | | |
| Reporting Year (SAIFI): 0.0570 | | | | | | |
| Total Circuit Length: 29.6 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: FREEMONT | 100 Contractor - Planned | 2 | 5.26 % | 3 | 8.83 | 0.39 % |
| Feeder Name: Symsonia | 110 JPEC - Planned | 2 | 5.26 % | 9 | 7.39 | 0.33 % |
| Feeder Number: 214 | 300 Equipment Failure | 10 | 26.32 % | 1035 | 1373.31 | 60.73 % |
| Feeder Location: 51214-Symsonia | 420 ROW | 9 | 23.68 % | 239 | 427.41 | 18.90 % |
| Customer Count: 1,013 | 500 Lightning | 5 | 13.16 % | 156 | 299.44 | 13.24 % |
| Circuit 5 Year Average (SAIDI): 218.8767 | 690 Animal | 5 | 13.16 % | 6 | 8.28 | 0.37 % |
| Reporting Year (SAIDI): 81.3619 | 700 Member/Public Caused | 1 | 2.63 % | 5 | 3.45 | 0.15 % |
| Circuit 5 Year Average (SAIFI): 2.2529 | 810 Load | 1 | 2.63 % | 1 | 0.96 | 0.04 % |
| Reporting Year (SAIFI): 1.0220 | 999 Cause unknown | 3 | 7.89 % | 53 | 132.29 | 5.85 % |
| Total Circuit Length: 93.6 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: FREEMONT | 100 Contractor - Planned | 8 | 32.00 % | 9 | 21.70 | 15.91 % |
| Feeder Name: McNeil Lane | 110 JPEC - Planned | 3 | 12.00 % | 9 | 35.77 | 26.23 % |
| Feeder Number: 224 | 300 Equipment Failure | 1 | 4.00 % | 2 | 6.85 | 5.02 % |
| Feeder Location: 51224-McNeil Lane | 420 ROW | 5 | 20.00 % | 16 | 18.22 | 13.36 % |
| Customer Count: 334 | 500 Lightning | 2 | 8.00 % | 5 | 11.04 | 8.10 % |
| Circuit 5 Year Average (SAIDI): 388.1920 | 690 Animal | 3 | 12.00 % | 11 | 11.91 | 8.73 % |
| Reporting Year (SAIDI): 6.4301 | 999 Cause unknown | 3 | 12.00 % | 21 | 30.86 | 22.63 % |
| Circuit 5 Year Average (SAIFI): 1.1556 | | | | | | |
| Reporting Year (SAIFI): 0.0629 | | | | | | |
| Total Circuit Length: 41.1 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: FREEMONT | 100 Contractor - Planned | 6 | 27.27 % | 8 | 12.45 | 1.96 % |
| Feeder Name: Freemont | 300 Equipment Failure | 5 | 22.73 % | 169 | 109.04 | 17.20 % |
| Feeder Number: 244 | 420 ROW | 3 | 13.64 % | 88 | 111.53 | 17.59 % |
| Feeder Location: 51244-Freemont | 500 Lightning | 1 | 4.55 % | 1 | 0.70 | 0.11 % |
| Customer Count: 336 | 510 Wind - Not Trees | 1 | 4.55 % | 142 | 382.81 | 60.37 % |
| Circuit 5 Year Average (SAIDI): 115.8518 | 690 Animal | 3 | 13.64 % | 6 | 5.89 | 0.93 % |
| Reporting Year (SAIDI): 68.4238 | 999 Cause unknown | 3 | 13.64 % | 13 | 11.66 | 1.84 % |
| Circuit 5 Year Average (SAIFI): 0.7001 | | | | | | |
| Reporting Year (SAIFI): 0.5035 | | | | | | |
| Total Circuit Length: 25.2 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|--------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: FREEMONT | 100 Contractor - Planned | 3 | 21.43 % | 4 | 2.02 | 1.82 % |
| Feeder Name: Bonds Rd | 110 JPEC - Planned | 1 | 7.14 % | 1 | 1.46 | 1.31 % |
| Feeder Number: 254 | 300 Equipment Failure | 1 | 7.14 % | 1 | 1.18 | 1.06 % |
| Feeder Location: 51254-Bonds Rd | 420 ROW | 1 | 7.14 % | 26 | 76.98 | 69.26 % |
| Customer Count: 127 | 500 Lightning | 1 | 7.14 % | 1 | 0.28 | 0.25 % |
| Circuit 5 Year Average (SAIDI): 1041.0617 | 510 Wind - Not Trees | 1 | 7.14 % | 2 | 5.23 | 4.71 % |
| Reporting Year (SAIDI): 36.4123 | 690 Animal | 3 | 21.43 % | 3 | 2.10 | 1.89 % |
| Circuit 5 Year Average (SAIFI): 1.5909 | 999 Cause unknown | 3 | 21.43 % | 7 | 21.89 | 19.70 % |
| Reporting Year (SAIFI): 0.2050 | | | | | | |
| Total Circuit Length: 17.3 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: GRAND RIVERS | 100 Contractor - Planned | 1 | 4.17 % | 2 | 6.69 | 1.41 % |
| Feeder Name: Iuka | 110 JPEC - Planned | 2 | 8.33 % | 32 | 26.86 | 5.68 % |
| Feeder Number: 214 | 300 Equipment Failure | 4 | 16.67 % | 5 | 17.89 | 3.78 % |
| Feeder Location: 76214-Iuka | 420 ROW | 7 | 29.17 % | 98 | 280.50 | 59.30 % |
| Customer Count: 301 | 500 Lightning | 7 | 29.17 % | 9 | 16.72 | 3.54 % |
| Circuit 5 Year Average (SAIDI): 496.9284 | 690 Animal | 1 | 4.17 % | 1 | 1.66 | 0.35 % |
| Reporting Year (SAIDI): 55.9212 | 999 Cause unknown | 2 | 8.33 % | 31 | 122.66 | 25.93 % |
| Circuit 5 Year Average (SAIFI): 1.9051 | | | | | | |
| Reporting Year (SAIFI): 0.3256 | | | | | | |
| Total Circuit Length: 48.4 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|--------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: GRAND RIVERS | 100 Contractor - Planned | 6 | 28.57 % | 9 | 30.87 | 13.20 % |
| Feeder Name: Smithland | 420 ROW | 5 | 23.81 % | 47 | 55.99 | 23.94 % |
| Feeder Number: 224 | 500 Lightning | 2 | 9.52 % | 4 | 15.32 | 6.55 % |
| Feeder Location: 76224-Smithland | 690 Animal | 7 | 33.33 % | 76 | 86.63 | 37.04 % |
| Customer Count: 309 | 999 Cause unknown | 1 | 4.76 % | 33 | 45.07 | 19.27 % |
| Circuit 5 Year Average (SAIDI): 4671.3866 | | | | | | |
| Reporting Year (SAIDI) 16.8209 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.3759 | | | | | | |
| Reporting Year (SAIFI): 1.0258 | | | | | | |
| Total Circuit Length: 31.1 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: GRAND RIVERS | 100 Contractor - Planned | 3 | 13.04 % | 7 | 12.30 | 3.38 % |
| Feeder Name: Pelican GR #1 | 110 JPEC - Planned | 1 | 4.35 % | 16 | 24.24 | 6.66 % |
| Feeder Number: 244 | 300 Equipment Failure | 3 | 13.04 % | 5 | 8.37 | 2.30 % |
| Feeder Location: 76244-Pelican GR # | 420 ROW | 4 | 17.39 % | 12 | 17.32 | 4.76 % |
| Customer Count: 378 | 500 Lightning | 2 | 8.70 % | 7 | 24.32 | 6.68 % |
| Circuit 5 Year Average (SAIDI): 252.7406 | 690 Animal | 6 | 26.09 % | 124 | 173.86 | 47.76 % |
| Reporting Year (SAIDI) 27.5985 | 999 Cause unknown | 4 | 17.39 % | 66 | 103.60 | 28.46 % |
| Circuit 5 Year Average (SAIFI): 1.5646 | | | | | | |
| Reporting Year (SAIFI): 0.3281 | | | | | | |
| Total Circuit Length: 23.8 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: GRAND RIVERS | 100 Contractor - Planned | 3 | 11.11 % | 8 | 19.37 | 0.55 % |
| Feeder Name: Averitt GR #2 | 110 JPEC - Planned | 3 | 11.11 % | 86 | 43.96 | 1.26 % |
| Feeder Number: 254 | 300 Equipment Failure | 2 | 7.41 % | 4 | 5.80 | 0.17 % |
| Feeder Location: 76254-Averitt GR # | 420 ROW | 6 | 22.22 % | 1830 | 2477.52 | 70.74 % |
| Customer Count: 666 | 510 Wind - Not Trees | 1 | 3.70 % | 74 | 152.56 | 4.36 % |
| Circuit 5 Year Average (SAIDI): 525.0390 | 690 Animal | 6 | 22.22 % | 266 | 615.40 | 17.57 % |
| Reporting Year (SAIDI): 223.1160 | 999 Cause unknown | 6 | 22.22 % | 160 | 187.75 | 5.36 % |
| Circuit 5 Year Average (SAIFI): 3.6308 | | | | | | |
| Reporting Year (SAIFI): 2.7467 | | | | | | |
| Total Circuit Length: 45.6 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: HIGHPOINT | 420 ROW | 8 | 42.11 % | 285 | 769.67 | 76.59 % |
| Feeder Name: High Point | 500 Lightning | 1 | 5.26 % | 2 | 4.24 | 0.42 % |
| Feeder Number: 214 | 690 Animal | 7 | 36.84 % | 207 | 226.10 | 22.50 % |
| Feeder Location: 29214-High Point | 999 Cause unknown | 3 | 15.79 % | 6 | 4.93 | 0.49 % |
| Customer Count: 194 | | | | | | |
| Circuit 5 Year Average (SAIDI): 209.3622 | | | | | | |
| Reporting Year (SAIDI): 237.9833 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.2543 | | | | | | |
| Reporting Year (SAIFI): 1.4687 | | | | | | |
| Total Circuit Length: 21.2 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: HIGHPOINT | 000 No Cause Selected | 1 | 4.00 % | 64 | 84.29 | 3.73 % |
| Feeder Name: Carneal Rd | 110 JPEC - Planned | 1 | 4.00 % | 1 | 0.30 | 0.01 % |
| Feeder Number: 224 | 300 Equipment Failure | 3 | 12.00 % | 6 | 9.81 | 0.43 % |
| Feeder Location: 29224-Carneal Rd | 420 ROW | 5 | 20.00 % | 353 | 833.82 | 36.90 % |
| Customer Count: 245 | 500 Lightning | 3 | 12.00 % | 47 | 66.88 | 2.96 % |
| Circuit 5 Year Average (SAIDI): 910.8682 | 690 Animal | 8 | 32.00 % | 274 | 313.35 | 13.87 % |
| Reporting Year (SAIDI): 203.8588 | 710 Motor Vehicle | 2 | 8.00 % | 257 | 459.14 | 20.32 % |
| Circuit 5 Year Average (SAIFI): 3.2044 | 999 Cause unknown | 2 | 8.00 % | 292 | 491.81 | 21.77 % |
| Reporting Year (SAIFI): 1.4384 | | | | | | |
| Total Circuit Length: 33 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: HUSBANDS ROAD | 100 Contractor - Planned | 4 | 15.38 % | 6 | 3.65 | 0.30 % |
| Feeder Name: Husbands Rd | 110 JPEC - Planned | 9 | 34.62 % | 26 | 32.70 | 2.64 % |
| Feeder Number: 224 | 300 Equipment Failure | 4 | 15.38 % | 4 | 5.35 | 0.43 % |
| Feeder Location: 40224-Husbands Rd | 420 ROW | 1 | 3.85 % | 3 | 7.34 | 0.59 % |
| Customer Count: 777 | 690 Animal | 5 | 19.23 % | 6 | 4.01 | 0.32 % |
| Circuit 5 Year Average (SAIDI): 305.6629 | 710 Motor Vehicle | 1 | 3.85 % | 790 | 1180.17 | 95.46 % |
| Reporting Year (SAIDI): 91.0744 | 999 Cause unknown | 2 | 7.69 % | 3 | 3.08 | 0.25 % |
| Circuit 5 Year Average (SAIFI): 0.9893 | | | | | | |
| Reporting Year (SAIFI): 1.0161 | | | | | | |
| Total Circuit Length: 44 | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: HUSBANDS ROAD | 110 | JPEC - Planned | 1 | 9.09 % | 3 | 2.08 | 0.32 % |
| Feeder Name: Lydon Rd | 300 | Equipment Failure | 2 | 18.18 % | 5 | 17.83 | 2.73 % |
| Feeder Number: 234 | 420 | ROW | 2 | 18.18 % | 457 | 591.65 | 90.70 % |
| Feeder Location: 40234-Lydon Rd | 500 | Lightning | 1 | 9.09 % | 3 | 2.83 | 0.43 % |
| Customer Count: 455 | 690 | Animal | 5 | 45.45 % | 32 | 37.90 | 5.81 % |
| Circuit 5 Year Average (SAIDI): 167.0044 | | | | | | | |
| Reporting Year (SAIDI): 78.0099 | | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.3251 | | | | | | | |
| Reporting Year (SAIFI): 1.0043 | | | | | | | |
| Total Circuit Length: 32.1 | | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|------------------------------------------------|--------------------------------|----------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: HUSBANDS ROAD | 100 | Contractor - Planned | 2 | 8.00 % | 4 | 7.44 | 0.92 % |
| Feeder Name: Clarkline Rd | 110 | JPEC - Planned | 2 | 8.00 % | 870 | 315.30 | 39.18 % |
| Feeder Number: 244 | 300 | Equipment Failure | 5 | 20.00 % | 94 | 110.71 | 13.76 % |
| Feeder Location: 40244-Clarkline Rd | 420 | ROW | 3 | 12.00 % | 50 | 194.17 | 24.13 % |
| Customer Count: 389 | 510 | Wind - Not Trees | 1 | 4.00 % | 18 | 104.60 | 13.00 % |
| Circuit 5 Year Average (SAIDI): 83.2771 | 690 | Animal | 10 | 40.00 % | 17 | 16.11 | 2.00 % |
| Reporting Year (SAIDI): 48.6604 | 810 | Load | 2 | 8.00 % | 47 | 56.32 | 7.00 % |
| Circuit 5 Year Average (SAIFI): 0.8843 | | | | | | | |
| Reporting Year (SAIFI): 2.2378 | | | | | | | |
| Total Circuit Length: 26.4 | | | | | | | |
| Date of Last Circuit Trim: 2018 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: JOY | 000 No Cause Selected | 1 | 4.76 % | 1 | 1.51 | 0.06 % |
| Feeder Name: Hampton South | 110 JPEC - Planned | 1 | 4.76 % | 1 | 3.63 | 0.16 % |
| Feeder Number: 214 | 300 Equipment Failure | 1 | 4.76 % | 1 | 4.12 | 0.18 % |
| Feeder Location 05214-Hampton Sou | 420 ROW | 7 | 33.33 % | 417 | 1197.26 | 51.14 % |
| Customer Count: 186 | 500 Lightning | 3 | 14.29 % | 186 | 588.27 | 25.13 % |
| Circuit 5 Year Average (SAIDI): 548.1621 | 520 Ice - Not Trees | 1 | 4.76 % | 15 | 54.64 | 2.33 % |
| Reporting Year (SAIDI) 386.3616 | 690 Animal | 2 | 9.52 % | 2 | 3.66 | 0.16 % |
| Circuit 5 Year Average (SAIFI): 2.5203 | 700 Member/Public Caused | 1 | 4.76 % | 183 | 183.46 | 7.84 % |
| Reporting Year (SAIFI): 2.2428 | 999 Cause unknown | 4 | 19.05 % | 188 | 304.65 | 13.01 % |
| Total Circuit Length: 53.2 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: JOY | 100 Contractor - Planned | 1 | 33.33 % | 1 | 4.23 | 1.62 % |
| Feeder Name: Carrsville | 420 ROW | 2 | 66.67 % | 117 | 256.47 | 98.38 % |
| Feeder Number: 244 | | | | | | |
| Feeder Location 05244-Carrsville | | | | | | |
| Customer Count: 71 | | | | | | |
| Circuit 5 Year Average (SAIDI): 160.6477 | | | | | | |
| Reporting Year (SAIDI) 216.5785 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.7628 | | | | | | |
| Reporting Year (SAIFI): 1.6467 | | | | | | |
| Total Circuit Length: 10.8 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: JOY | 100 Contractor - Planned | 5 | 18.52 % | 11 | 27.79 | 1.35 % |
| Feeder Name: Lola | 110 JPEC - Planned | 2 | 7.41 % | 250 | 23.77 | 1.15 % |
| Feeder Number: 254 | 300 Equipment Failure | 6 | 22.22 % | 323 | 566.85 | 27.48 % |
| Feeder Location: 05254-Lola | 420 ROW | 8 | 29.63 % | 310 | 1389.29 | 67.35 % |
| Customer Count: 288 | 500 Lightning | 2 | 7.41 % | 4 | 18.73 | 0.91 % |
| Circuit 5 Year Average (SAIDI): 326.7674 | 690 Animal | 1 | 3.70 % | 2 | 3.59 | 0.17 % |
| Reporting Year (SAIDI): 289.3837 | 999 Cause unknown | 3 | 11.11 % | 14 | 32.88 | 1.59 % |
| Circuit 5 Year Average (SAIFI): 1.9698 | | | | | | |
| Reporting Year (SAIFI): 1.1213 | | | | | | |
| Total Circuit Length: 56.5 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KANSAS | 100 Contractor - Planned | 49 | 68.06 % | 64 | 105.15 | 10.15 % |
| Feeder Name: Lowes | 300 Equipment Failure | 3 | 4.17 % | 3 | 5.54 | 0.53 % |
| Feeder Number: 214 | 420 ROW | 3 | 4.17 % | 5 | 18.35 | 1.77 % |
| Feeder Location: 61214-Lowes | 500 Lightning | 4 | 5.56 % | 455 | 569.37 | 54.94 % |
| Customer Count: 454 | 690 Animal | 9 | 12.50 % | 487 | 325.95 | 31.45 % |
| Circuit 5 Year Average (SAIDI): 385.7234 | 700 Member/Public Caused | 2 | 2.78 % | 2 | 3.03 | 0.29 % |
| Reporting Year (SAIDI): 75.2069 | 999 Cause unknown | 2 | 2.78 % | 2 | 8.95 | 0.86 % |
| Circuit 5 Year Average (SAIFI): 1.6982 | | | | | | |
| Reporting Year (SAIFI): 1.0721 | | | | | | |
| Total Circuit Length: 59 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KANSAS | 100 Contractor - Planned | 5 | 21.74 % | 22 | 38.44 | 7.24 % |
| Feeder Name: Folsomdale | 300 Equipment Failure | 2 | 8.70 % | 87 | 138.19 | 26.02 % |
| Feeder Number: 224 | 420 ROW | 1 | 4.35 % | 6 | 53.10 | 10.00 % |
| Feeder Location: 61224-Folsomdale | 500 Lightning | 10 | 43.48 % | 28 | 52.74 | 9.93 % |
| Customer Count: 209 | 690 Animal | 3 | 13.04 % | 214 | 246.84 | 46.49 % |
| Circuit 5 Year Average (SAIDI): 144.0365 | 999 Cause unknown | 2 | 8.70 % | 3 | 1.69 | 0.32 % |
| Reporting Year (SAIDI): 70.7853 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.4052 | | | | | | |
| Reporting Year (SAIFI): 1.0228 | | | | | | |
| Total Circuit Length: 29.4 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KANSAS | 100 Contractor - Planned | 38 | 65.52 % | 61 | 115.21 | 7.26 % |
| Feeder Name: Melber | 110 JPEC - Planned | 2 | 3.45 % | 69 | 210.39 | 13.25 % |
| Feeder Number: 234 | 300 Equipment Failure | 4 | 6.90 % | 97 | 222.06 | 13.99 % |
| Feeder Location: 61234-Melber | 420 ROW | 5 | 8.62 % | 58 | 62.47 | 3.93 % |
| Customer Count: 618 | 500 Lightning | 2 | 3.45 % | 2 | 2.06 | 0.13 % |
| Circuit 5 Year Average (SAIDI): 232.2112 | 510 Wind - Not Trees | 1 | 1.72 % | 2 | 1.64 | 0.10 % |
| Reporting Year (SAIDI): 93.4760 | 690 Animal | 3 | 5.17 % | 837 | 963.36 | 60.67 % |
| Circuit 5 Year Average (SAIFI): 1.4461 | 700 Member/Public Caused | 1 | 1.72 % | 1 | 1.49 | 0.09 % |
| Reporting Year (SAIFI): 1.3536 | 999 Cause unknown | 2 | 3.45 % | 8 | 9.14 | 0.58 % |
| Total Circuit Length: 53.8 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KANSAS | 100 Contractor - Planned | 11 | 26.19 % | 18 | 45.90 | 3.15 % |
| Feeder Name: Pottsville | 110 JPEC - Planned | 1 | 2.38 % | 2 | 2.40 | 0.16 % |
| Feeder Number: 244 | 300 Equipment Failure | 4 | 9.52 % | 10 | 16.51 | 1.13 % |
| Feeder Location: 61244-Pottsville | 420 ROW | 14 | 33.33 % | 218 | 860.69 | 59.00 % |
| Customer Count: 363 | 500 Lightning | 6 | 14.29 % | 89 | 125.15 | 8.58 % |
| Circuit 5 Year Average (SAIDI): 433.1886 | 690 Animal | 4 | 9.52 % | 369 | 405.84 | 27.82 % |
| Reporting Year (SAIDI): 142.3979 | 700 Member/Public Caused | 2 | 4.76 % | 2 | 2.38 | 0.16 % |
| Circuit 5 Year Average (SAIFI): 2.9439 | | | | | | |
| Reporting Year (SAIFI): 1.0175 | | | | | | |
| Total Circuit Length: 47 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KEVIL | 000 No Cause Selected | 1 | 4.17 % | 5 | 10.08 | 3.36 % |
| Feeder Name: Hobbs Rd | 100 Contractor - Planned | 4 | 16.67 % | 14 | 28.82 | 9.61 % |
| Feeder Number: 214 | 110 JPEC - Planned | 2 | 8.33 % | 3 | 3.27 | 1.09 % |
| Feeder Location: 28214-Hobbs Rd | 300 Equipment Failure | 6 | 25.00 % | 12 | 15.97 | 5.33 % |
| Customer Count: 552 | 420 ROW | 8 | 33.33 % | 141 | 233.53 | 77.89 % |
| Circuit 5 Year Average (SAIDI): 282.4748 | 690 Animal | 3 | 12.50 % | 6 | 8.15 | 2.72 % |
| Reporting Year (SAIDI): 25.4016 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.9845 | | | | | | |
| Reporting Year (SAIFI): 0.2556 | | | | | | |
| Total Circuit Length: 52.8 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KEVIL | 100 Contractor - Planned | 4 | 10.81 % | 8 | 8.98 | 1.01 % |
| Feeder Name: Woodville Rd | 110 JPEC - Planned | 2 | 5.41 % | 122 | 55.08 | 6.21 % |
| Feeder Number: 224 | 300 Equipment Failure | 7 | 18.92 % | 110 | 256.24 | 28.90 % |
| Feeder Location: 28224-Woodville Rd | 420 ROW | 14 | 37.84 % | 231 | 463.41 | 52.27 % |
| Customer Count: 501 | 500 Lightning | 2 | 5.41 % | 2 | 3.28 | 0.37 % |
| Circuit 5 Year Average (SAIDI): 173.7487 | 510 Wind - Not Trees | 1 | 2.70 % | 16 | 85.44 | 9.64 % |
| Reporting Year (SAIDI): 55.5045 | 690 Animal | 6 | 16.22 % | 8 | 7.67 | 0.87 % |
| Circuit 5 Year Average (SAIFI): 1.1527 | 999 Cause unknown | 1 | 2.70 % | 3 | 6.50 | 0.73 % |
| Reporting Year (SAIFI): 0.4612 | | | | | | |
| Total Circuit Length: 55.4 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KEVIL | 100 Contractor - Planned | 7 | 30.43 % | 15 | 44.05 | 15.04 % |
| Feeder Name: Kelley Rd | 110 JPEC - Planned | 4 | 17.39 % | 12 | 3.08 | 1.05 % |
| Feeder Number: 234 | 420 ROW | 6 | 26.09 % | 52 | 186.82 | 63.80 % |
| Feeder Location: 28234-Kelley Rd | 690 Animal | 5 | 21.74 % | 12 | 12.75 | 4.35 % |
| Customer Count: 422 | 999 Cause unknown | 1 | 4.35 % | 24 | 46.11 | 15.75 % |
| Circuit 5 Year Average (SAIDI): 120.0859 | | | | | | |
| Reporting Year (SAIDI): 26.5452 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.0719 | | | | | | |
| Reporting Year (SAIFI): 0.1232 | | | | | | |
| Total Circuit Length: 47.3 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KREBS STATION RD | 100 Contractor - Planned | 2 | 9.52 % | 8 | 20.51 | 3.93 % |
| Feeder Name: Browns Plating | 300 Equipment Failure | 2 | 9.52 % | 3 | 2.35 | 0.45 % |
| Feeder Number: 214 | 420 ROW | 10 | 47.62 % | 187 | 389.88 | 74.67 % |
| Feeder Location: 50214-Browns Plati | 500 Lightning | 2 | 9.52 % | 26 | 30.18 | 5.78 % |
| Customer Count: 527 | 690 Animal | 2 | 9.52 % | 3 | 3.01 | 0.58 % |
| Circuit 5 Year Average (SAIDI): 148.3151 | 710 Motor Vehicle | 2 | 9.52 % | 11 | 73.73 | 14.12 % |
| Reporting Year (SAIDI): 44.3662 | 999 Cause unknown | 1 | 4.76 % | 4 | 2.49 | 0.48 % |
| Circuit 5 Year Average (SAIFI): 1.2165 | | | | | | |
| Reporting Year (SAIFI): 0.3547 | | | | | | |
| Total Circuit Length: 37.4 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KREBS STATION RD | 100 Contractor - Planned | 1 | 3.70 % | 4 | 22.73 | 4.49 % |
| Feeder Name: Old US 45 | 110 JPEC - Planned | 1 | 3.70 % | 1 | 1.63 | 0.32 % |
| Feeder Number: 224 | 300 Equipment Failure | 7 | 25.93 % | 7 | 10.97 | 2.17 % |
| Feeder Location: 50224-Old US 45 | 420 ROW | 9 | 33.33 % | 280 | 419.71 | 82.98 % |
| Customer Count: 908 | 500 Lightning | 1 | 3.70 % | 32 | 31.24 | 6.18 % |
| Circuit 5 Year Average (SAIDI): 185.5031 | 690 Animal | 4 | 14.81 % | 8 | 9.20 | 1.82 % |
| Reporting Year (SAIDI): 27.7348 | 999 Cause unknown | 4 | 14.81 % | 6 | 10.29 | 2.03 % |
| Circuit 5 Year Average (SAIFI): 1.3842 | | | | | | |
| Reporting Year (SAIFI): 0.3084 | | | | | | |
| Total Circuit Length: 83 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KREBS STATION RD | 000 No Cause Selected | 1 | 3.23 % | 603 | 60.64 | 8.20 % |
| Feeder Name: Clinton Rd | 100 Contractor - Planned | 12 | 38.71 % | 106 | 118.09 | 15.96 % |
| Feeder Number: 234 | 110 JPEC - Planned | 3 | 9.68 % | 9 | 12.46 | 1.68 % |
| Feeder Location: 50234-Clinton Rd | 300 Equipment Failure | 5 | 16.13 % | 361 | 482.39 | 65.21 % |
| Customer Count: 618 | 420 ROW | 2 | 6.45 % | 21 | 28.61 | 3.87 % |
| Circuit 5 Year Average (SAIDI): 260.5914 | 500 Lightning | 2 | 6.45 % | 14 | 13.00 | 1.76 % |
| Reporting Year (SAIDI): 46.8372 | 690 Animal | 4 | 12.90 % | 13 | 12.79 | 1.73 % |
| Circuit 5 Year Average (SAIFI): 1.8027 | 999 Cause unknown | 2 | 6.45 % | 12 | 11.74 | 1.59 % |
| Reporting Year (SAIFI): 1.0373 | | | | | | |
| Total Circuit Length: 19.1 | | | | | | |
| Date of Last Circuit Trim: 2021 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-----------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: KREBS STATION RD | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: REC_00050244 | | | | | | |
| Feeder Number: 244 | | | | | | |
| Feeder Location: 50244-REC_000502 | | | | | | |
| Customer Count: 266 | | | | | | |
| Circuit 5 Year Average (SAIDI): 0.0000 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.0000 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 36 | | | | | | |
| Date of Last Circuit Trim: 2021 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LaCENTER | 100 Contractor - Planned | 3 | 11.54 % | 6 | 12.99 | 2.40 % |
| Feeder Name: Damrons | 300 Equipment Failure | 2 | 7.69 % | 19 | 27.28 | 5.04 % |
| Feeder Number: 214 | 320 Clearance | 1 | 3.85 % | 33 | 30.60 | 5.65 % |
| Feeder Location: 26214-Damrons | 420 ROW | 11 | 42.31 % | 309 | 426.91 | 78.85 % |
| Customer Count: 226 | 500 Lightning | 2 | 7.69 % | 7 | 6.10 | 1.13 % |
| Circuit 5 Year Average (SAIDI): 261.9376 | 690 Animal | 6 | 23.08 % | 31 | 36.45 | 6.73 % |
| Reporting Year (SAIDI): 113.2429 | 999 Cause unknown | 1 | 3.85 % | 1 | 1.12 | 0.21 % |
| Circuit 5 Year Average (SAIFI): 2.2511 | | | | | | |
| Reporting Year (SAIFI): 1.3660 | | | | | | |
| Total Circuit Length: 39.6 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LaCENTER | 100 Contractor - Planned | 5 | 11.36 % | 10 | 23.68 | 1.03 % |
| Feeder Name: Oscar | 110 JPEC - Planned | 1 | 2.27 % | 5 | 6.64 | 0.29 % |
| Feeder Number: 224 | 300 Equipment Failure | 4 | 9.09 % | 5 | 7.15 | 0.31 % |
| Feeder Location: 26224-Oscar | 420 ROW | 17 | 38.64 % | 1355 | 2177.08 | 94.68 % |
| Customer Count: 363 | 500 Lightning | 3 | 6.82 % | 4 | 5.36 | 0.23 % |
| Circuit 5 Year Average (SAIDI): 377.7847 | 690 Animal | 6 | 13.64 % | 16 | 25.46 | 1.11 % |
| Reporting Year (SAIDI): 359.9963 | 810 Load | 1 | 2.27 % | 12 | 24.43 | 1.06 % |
| Circuit 5 Year Average (SAIFI): 2.9246 | 999 Cause unknown | 7 | 15.91 % | 14 | 29.54 | 1.28 % |
| Reporting Year (SAIFI): 3.7343 | | | | | | |
| Total Circuit Length: 69.5 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LEDBETTER | 100 Contractor - Planned | 6 | 23.08 % | 8 | 13.55 | 7.76 % |
| Feeder Name: US 60 East | 300 Equipment Failure | 3 | 11.54 % | 5 | 6.86 | 3.93 % |
| Feeder Number: 224 | 420 ROW | 7 | 26.92 % | 61 | 117.41 | 67.28 % |
| Feeder Location: 31224-US 60 East | 500 Lightning | 3 | 11.54 % | 2 | 2.36 | 1.35 % |
| Customer Count: 317 | 690 Animal | 6 | 23.08 % | 15 | 15.05 | 8.62 % |
| Circuit 5 Year Average (SAIDI): 84.3822 | 700 Member/Public Caused | 1 | 3.85 % | 4 | 19.29 | 11.05 % |
| Reporting Year (SAIDI): 22.2234 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.3237 | | | | | | |
| Reporting Year (SAIFI): 0.1924 | | | | | | |
| Total Circuit Length: 35.5 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LEDBETTER | 100 Contractor - Planned | 1 | 33.33 % | 4 | 11.85 | 82.23 % |
| Feeder Name: River Crossing | 300 Equipment Failure | 1 | 33.33 % | 1 | 1.43 | 9.92 % |
| Feeder Number: 234 | 500 Lightning | 1 | 33.33 % | 1 | 1.13 | 7.84 % |
| Feeder Location: 31234-River Crossin | | | | | | |
| Customer Count: 35 | | | | | | |
| Circuit 5 Year Average (SAIDI): 32.1862 | | | | | | |
| Reporting Year (SAIDI) 20.2507 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.4444 | | | | | | |
| Reporting Year (SAIFI): 0.1140 | | | | | | |
| Total Circuit Length: 5.2 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LEDBETTER | 100 Contractor - Planned | 6 | 11.76 % | 22 | 69.88 | 4.36 % |
| Feeder Name: Ledbetter | 110 JPEC - Planned | 2 | 3.92 % | 3 | 3.42 | 0.21 % |
| Feeder Number: 244 | 300 Equipment Failure | 6 | 11.76 % | 13 | 24.90 | 1.55 % |
| Feeder Location: 31244-Ledbetter | 420 ROW | 15 | 29.41 % | 595 | 1281.58 | 79.98 % |
| Customer Count: 1,023 | 500 Lightning | 3 | 5.88 % | 4 | 10.14 | 0.63 % |
| Circuit 5 Year Average (SAIDI): 250.8655 | 690 Animal | 8 | 15.69 % | 19 | 17.03 | 1.06 % |
| Reporting Year (SAIDI) 75.1937 | 700 Member/Public Caused | 1 | 1.96 % | 7 | 8.64 | 0.54 % |
| Circuit 5 Year Average (SAIFI): 1.3442 | 810 Load | 3 | 5.88 % | 7 | 7.77 | 0.48 % |
| Reporting Year (SAIFI): 0.5818 | 999 Cause unknown | 7 | 13.73 % | 95 | 179.04 | 11.17 % |
| Total Circuit Length: 61.5 | | | | | | |
| Date of Last Circuit Trim: 2016 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LITTLE UNION | 100 Contractor - Planned | 3 | 15.79 % | 7 | 19.80 | 1.87 % |
| Feeder Name: Airport | 110 JPEC - Planned | 1 | 5.26 % | 2 | 1.26 | 0.12 % |
| Feeder Number: 214 | 300 Equipment Failure | 2 | 10.53 % | 4 | 5.69 | 0.54 % |
| Feeder Location: 39214-Airport | 420 ROW | 2 | 10.53 % | 44 | 85.78 | 8.11 % |
| Customer Count: 566 | 500 Lightning | 2 | 10.53 % | 35 | 61.73 | 5.83 % |
| Circuit 5 Year Average (SAIDI): 29.1148 | 510 Wind - Not Trees | 1 | 5.26 % | 43 | 138.78 | 13.12 % |
| Reporting Year (SAIDI): 75.7702 | 690 Animal | 3 | 15.79 % | 591 | 714.14 | 67.49 % |
| Circuit 5 Year Average (SAIFI): 0.3653 | 700 Member/Public Caused | 2 | 10.53 % | 8 | 19.29 | 1.82 % |
| Reporting Year (SAIFI): 1.0451 | 710 Motor Vehicle | 1 | 5.26 % | 2 | 2.96 | 0.28 % |
| Total Circuit Length: 36.3 | 810 Load | 1 | 5.26 % | 3 | 2.72 | 0.26 % |
| Date of Last Circuit Trim: 2021 | 999 Cause unknown | 1 | 5.26 % | 2 | 5.96 | 0.56 % |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LITTLE UNION | 0 BREC | 1 | 2.78 % | 4 | 0.60 | 0.11 % |
| Feeder Name: US 60 West | 100 Contractor - Planned | 25 | 69.44 % | 89 | 146.00 | 26.48 % |
| Feeder Number: 224 | 110 JPEC - Planned | 2 | 5.56 % | 3 | 1.66 | 0.30 % |
| Feeder Location: 39224-US 60 West | 300 Equipment Failure | 1 | 2.78 % | 1 | 1.07 | 0.19 % |
| Customer Count: 469 | 420 ROW | 1 | 2.78 % | 467 | 271.77 | 49.29 % |
| Circuit 5 Year Average (SAIDI): 221.7628 | 690 Animal | 4 | 11.11 % | 22 | 15.23 | 2.76 % |
| Reporting Year (SAIDI): 34.7893 | 700 Member/Public Caused | 1 | 2.78 % | 476 | 44.82 | 8.13 % |
| Circuit 5 Year Average (SAIFI): 1.8310 | 999 Cause unknown | 1 | 2.78 % | 100 | 70.17 | 12.73 % |
| Reporting Year (SAIFI): 1.0156 | | | | | | |
| Total Circuit Length: 37 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: LITTLE UNION | 300 | Equipment Failure | 1 | 25.00 % | 1 | 7.39 | 38.75 % |
| Feeder Name: US 60 East Mall | 690 | Animal | 1 | 25.00 % | 1 | 0.61 | 3.20 % |
| Feeder Number: 234 | 710 | Motor Vehicle | 1 | 25.00 % | 3 | 9.34 | 48.98 % |
| Feeder Location: 39234-US 60 East M | 999 | Cause unknown | 1 | 25.00 % | 3 | 1.73 | 9.07 % |
| Customer Count: 163 | | | | | | | |
| Circuit 5 Year Average (SAIDI): 104.6597 | | | | | | | |
| Reporting Year (SAIDI): 3.4423 | | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.3428 | | | | | | | |
| Reporting Year (SAIFI): 0.3440 | | | | | | | |
| Total Circuit Length: 35.5 | | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|-------------------------------------------------|--------------------------------|----------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: LITTLE UNION | 0 | BREC | 4 | 8.70 % | 5 | 0.48 | 0.02 % |
| Feeder Name: Roy Lee Rd | 100 | Contractor - Planned | 23 | 50.00 % | 78 | 85.74 | 3.35 % |
| Feeder Number: 244 | 110 | JPEC - Planned | 2 | 4.35 % | 38 | 55.28 | 2.16 % |
| Feeder Location: 39244-Roy Lee Rd | 300 | Equipment Failure | 2 | 4.35 % | 2 | 7.17 | 0.28 % |
| Customer Count: 567 | 420 | ROW | 8 | 17.39 % | 1347 | 2270.36 | 88.63 % |
| Circuit 5 Year Average (SAIDI): 716.9792 | 500 | Lightning | 1 | 2.17 % | 4 | 5.54 | 0.22 % |
| Reporting Year (SAIDI): 240.1768 | 690 | Animal | 3 | 6.52 % | 32 | 31.25 | 1.22 % |
| Circuit 5 Year Average (SAIFI): 2.1782 | 700 | Member/Public Caused | 1 | 2.17 % | 1 | 1.83 | 0.07 % |
| Reporting Year (SAIFI): 2.3749 | 710 | Motor Vehicle | 1 | 2.17 % | 67 | 101.78 | 3.97 % |
| Total Circuit Length: 56.6 | 999 | Cause unknown | 1 | 2.17 % | 2 | 2.21 | 0.09 % |
| Date of Last Circuit Trim: 2017 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LOVELACEVILLE | 100 Contractor - Planned | 2 | 15.38 % | 3 | 4.91 | 0.85 % |
| Feeder Name: Blandville | 110 JPEC - Planned | 1 | 7.69 % | 8 | 10.93 | 1.90 % |
| Feeder Number: 214 | 300 Equipment Failure | 6 | 46.15 % | 136 | 329.23 | 57.23 % |
| Feeder Location: 49214-Blandville | 420 ROW | 3 | 23.08 % | 8 | 33.70 | 5.86 % |
| Customer Count: 132 | 700 Member/Public Caused | 1 | 7.69 % | 135 | 196.46 | 34.15 % |
| Circuit 5 Year Average (SAIDI): 551.8368 | | | | | | |
| Reporting Year (SAIDI): 149.2350 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.9536 | | | | | | |
| Reporting Year (SAIFI): 1.0274 | | | | | | |
| Total Circuit Length: 20.5 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LOVELACEVILLE | 100 Contractor - Planned | 3 | 18.75 % | 5 | 9.88 | 1.97 % |
| Feeder Name: Lovelaceville | 110 JPEC - Planned | 1 | 6.25 % | 524 | 215.86 | 43.13 % |
| Feeder Number: 224 | 300 Equipment Failure | 1 | 6.25 % | 6 | 8.76 | 1.75 % |
| Feeder Location: 49224-Lovelaceville | 420 ROW | 3 | 18.75 % | 31 | 34.59 | 6.91 % |
| Customer Count: 527 | 500 Lightning | 1 | 6.25 % | 1 | 0.69 | 0.14 % |
| Circuit 5 Year Average (SAIDI): 358.1425 | 510 Wind - Not Trees | 3 | 18.75 % | 68 | 200.92 | 40.14 % |
| Reporting Year (SAIDI): 24.5648 | 690 Animal | 1 | 6.25 % | 13 | 7.19 | 1.44 % |
| Circuit 5 Year Average (SAIFI): 1.6880 | 999 Cause unknown | 3 | 18.75 % | 31 | 22.63 | 4.52 % |
| Reporting Year (SAIFI): 0.9939 | | | | | | |
| Total Circuit Length: 57.8 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: LOVELACEVILLE | 100 Contractor - Planned | 15 | 53.57 % | 33 | 59.55 | 27.71 % |
| Feeder Name: Cunningham | 300 Equipment Failure | 5 | 17.86 % | 14 | 26.70 | 12.43 % |
| Feeder Number: 234 | 420 ROW | 5 | 17.86 % | 53 | 118.06 | 54.94 % |
| Feeder Location: 49234-Cunningham | 690 Animal | 2 | 7.14 % | 8 | 6.75 | 3.14 % |
| Customer Count: 524 | 999 Cause unknown | 1 | 3.57 % | 3 | 3.81 | 1.77 % |
| Circuit 5 Year Average (SAIDI): 655.8072 | | | | | | |
| Reporting Year (SAIDI): 13.5125 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.6279 | | | | | | |
| Reporting Year (SAIFI): 0.1011 | | | | | | |
| Total Circuit Length: 65.3 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: MAXON | 0 BREC | 1 | 14.29 % | 260 | 288.09 | 72.91 % |
| Feeder Name: Maxon Rd | 100 Contractor - Planned | 2 | 28.57 % | 3 | 6.29 | 1.59 % |
| Feeder Number: 214 | 110 JPEC - Planned | 1 | 14.29 % | 2 | 1.11 | 0.28 % |
| Feeder Location: 79214-Maxon Rd | 300 Equipment Failure | 1 | 14.29 % | 35 | 81.21 | 20.55 % |
| Customer Count: 260 | 420 ROW | 2 | 28.57 % | 15 | 18.43 | 4.66 % |
| Circuit 5 Year Average (SAIDI): 122.4033 | | | | | | |
| Reporting Year (SAIDI): 66.5012 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.0018 | | | | | | |
| Reporting Year (SAIFI): 1.0003 | | | | | | |
| Total Circuit Length: 16.4 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: MAXON | 0 BREC | 1 | 6.67 % | 333 | 368.98 | 63.75 % |
| Feeder Name: Express | 100 Contractor - Planned | 8 | 53.33 % | 27 | 72.69 | 12.56 % |
| Feeder Number: 224 | 300 Equipment Failure | 1 | 6.67 % | 4 | 59.14 | 10.22 % |
| Feeder Location: 79224-Express | 500 Lightning | 1 | 6.67 % | 27 | 31.73 | 5.48 % |
| Customer Count: 333 | 690 Animal | 3 | 20.00 % | 9 | 7.12 | 1.23 % |
| Circuit 5 Year Average (SAIDI): 100.9515 | 999 Cause unknown | 1 | 6.67 % | 34 | 39.16 | 6.77 % |
| Reporting Year (SAIDI): 66.5833 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.9726 | | | | | | |
| Reporting Year (SAIFI): 1.0015 | | | | | | |
| Total Circuit Length: 19 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: MAXON | 0 BREC | 1 | 100.00 % | 5 | 5.67 | 100.00 % |
| Feeder Name: Industrial Park | | | | | | |
| Feeder Number: 234 | | | | | | |
| Feeder Location: 79234-Industrial Par | | | | | | |
| Customer Count: 4 | | | | | | |
| Circuit 5 Year Average (SAIDI): 21.1163 | | | | | | |
| Reporting Year (SAIDI): 84.1378 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.3465 | | | | | | |
| Reporting Year (SAIFI): 1.2376 | | | | | | |
| Total Circuit Length: 2 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: NEW YORK | 100 Contractor - Planned | 5 | 23.81 % | 10 | 24.78 | 9.79 % |
| Feeder Name: Hinkleville | 110 JPEC - Planned | 1 | 4.76 % | 11 | 12.49 | 4.94 % |
| Feeder Number: 214 | 300 Equipment Failure | 3 | 14.29 % | 4 | 5.52 | 2.18 % |
| Feeder Location: 47214-Hinkleville | 420 ROW | 4 | 19.05 % | 34 | 98.06 | 38.76 % |
| Customer Count: 265 | 500 Lightning | 5 | 23.81 % | 38 | 79.98 | 31.61 % |
| Circuit 5 Year Average (SAIDI): 959.8956 | 690 Animal | 2 | 9.52 % | 4 | 6.45 | 2.55 % |
| Reporting Year (SAIDI): 22.1970 | 999 Cause unknown | 1 | 4.76 % | 15 | 25.73 | 10.17 % |
| Circuit 5 Year Average (SAIFI): 2.8524 | | | | | | |
| Reporting Year (SAIFI): 0.1434 | | | | | | |
| Total Circuit Length: 44.5 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: NEW YORK | 100 Contractor - Planned | 6 | 23.08 % | 13 | 14.44 | 3.71 % |
| Feeder Name: US 286 East Gage | 300 Equipment Failure | 2 | 7.69 % | 3 | 2.76 | 0.71 % |
| Feeder Number: 224 | 420 ROW | 9 | 34.62 % | 134 | 271.85 | 69.81 % |
| Feeder Location: 47224-US 286 East | 500 Lightning | 2 | 7.69 % | 27 | 50.07 | 12.86 % |
| Customer Count: 265 | 690 Animal | 5 | 19.23 % | 37 | 49.03 | 12.59 % |
| Circuit 5 Year Average (SAIDI): 376.3916 | 700 Member/Public Caused | 2 | 7.69 % | 2 | 1.28 | 0.33 % |
| Reporting Year (SAIDI): 61.5312 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.3007 | | | | | | |
| Reporting Year (SAIFI): 0.5055 | | | | | | |
| Total Circuit Length: 45.5 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: NEW YORK | 100 Contractor - Planned | 6 | 18.18 % | 11 | 27.10 | 4.26 % |
| Feeder Name: Blandville | 110 JPEC - Planned | 4 | 12.12 % | 9 | 34.50 | 5.42 % |
| Feeder Number: 234 | 300 Equipment Failure | 1 | 3.03 % | 1 | 1.08 | 0.17 % |
| Feeder Location: 47234-Blandville | 420 ROW | 12 | 36.36 % | 334 | 371.23 | 58.31 % |
| Customer Count: 219 | 500 Lightning | 4 | 12.12 % | 4 | 6.88 | 1.08 % |
| Circuit 5 Year Average (SAIDI): 839.6027 | 690 Animal | 3 | 9.09 % | 9 | 9.03 | 1.42 % |
| Reporting Year (SAIDI): 101.7468 | 700 Member/Public Caused | 2 | 6.06 % | 11 | 16.68 | 2.62 % |
| Circuit 5 Year Average (SAIFI): 3.4561 | 999 Cause unknown | 1 | 3.03 % | 217 | 170.10 | 26.72 % |
| Reporting Year (SAIFI): 1.5257 | | | | | | |
| Total Circuit Length: 30 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: NEW YORK | 100 Contractor - Planned | 12 | 36.36 % | 21 | 45.02 | 2.14 % |
| Feeder Name: Wickliffe | 110 JPEC - Planned | 1 | 3.03 % | 7 | 28.96 | 1.37 % |
| Feeder Number: 244 | 300 Equipment Failure | 4 | 12.12 % | 95 | 133.55 | 6.34 % |
| Feeder Location: 47244-Wickliffe | 420 ROW | 7 | 21.21 % | 1036 | 1812.89 | 86.02 % |
| Customer Count: 354 | 500 Lightning | 2 | 6.06 % | 3 | 6.30 | 0.30 % |
| Circuit 5 Year Average (SAIDI): 552.1195 | 690 Animal | 4 | 12.12 % | 11 | 19.58 | 0.93 % |
| Reporting Year (SAIDI): 306.8711 | 999 Cause unknown | 3 | 9.09 % | 43 | 61.12 | 2.90 % |
| Circuit 5 Year Average (SAIFI): 2.3850 | | | | | | |
| Reporting Year (SAIFI): 2.9228 | | | | | | |
| Total Circuit Length: 48.3 | | | | | | |
| Date of Last Circuit Trim: 2021 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: NEW YORK | 100 Contractor - Planned | 45 | 50.56 % | 145 | 206.97 | 7.92 % |
| Feeder Name: Slater | 110 JPEC - Planned | 5 | 5.62 % | 132 | 285.10 | 10.91 % |
| Feeder Number: 254 | 300 Equipment Failure | 8 | 8.99 % | 167 | 475.47 | 18.20 % |
| Feeder Location: 47254-Slater | 420 ROW | 13 | 14.61 % | 929 | 1426.30 | 54.60 % |
| Customer Count: 357 | 500 Lightning | 3 | 3.37 % | 16 | 22.13 | 0.85 % |
| Circuit 5 Year Average (SAIDI): 416.2319 | 510 Wind - Not Trees | 2 | 2.25 % | 18 | 60.17 | 2.30 % |
| Reporting Year (SAIDI): 242.8008 | 690 Animal | 4 | 4.49 % | 44 | 56.47 | 2.16 % |
| Circuit 5 Year Average (SAIFI): 2.5832 | 700 Member/Public Caused | 1 | 1.12 % | 1 | 1.20 | 0.05 % |
| Reporting Year (SAIFI): 3.6214 | 710 Motor Vehicle | 1 | 1.12 % | 1 | 1.50 | 0.06 % |
| Total Circuit Length: 67.5 | 810 Load | 5 | 5.62 % | 36 | 70.10 | 2.68 % |
| Date of Last Circuit Trim: 2015 | 999 Cause unknown | 2 | 2.25 % | 4 | 6.73 | 0.26 % |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: OLIVET CHURCH R | 0 BREC | 1 | 11.11 % | 9 | 2.47 | 0.17 % |
| Feeder Name: Olivet Ch Rd | 100 Contractor - Planned | 1 | 11.11 % | 2 | 0.92 | 0.06 % |
| Feeder Number: 214 | 110 JPEC - Planned | 1 | 11.11 % | 4 | 10.63 | 0.74 % |
| Feeder Location: 74214-Olivet Ch Rd | 300 Equipment Failure | 1 | 11.11 % | 5 | 1.00 | 0.07 % |
| Customer Count: 587 | 420 ROW | 3 | 33.33 % | 604 | 608.87 | 42.13 % |
| Circuit 5 Year Average (SAIDI): 112.6024 | 700 Member/Public Caused | 1 | 11.11 % | 2 | 1.37 | 0.09 % |
| Reporting Year (SAIDI): 83.8578 | 710 Motor Vehicle | 1 | 11.11 % | 597 | 820.05 | 56.74 % |
| Circuit 5 Year Average (SAIFI): 1.7899 | | | | | | |
| Reporting Year (SAIFI): 1.0294 | | | | | | |
| Total Circuit Length: 23.2 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: OLIVET CHURCH R | 100 Contractor - Planned | 3 | 15.79 % | 6 | 22.21 | 2.05 % |
| Feeder Name: Highland Ch Rd | 300 Equipment Failure | 3 | 15.79 % | 579 | 516.30 | 47.65 % |
| Feeder Number: 224 | 690 Animal | 9 | 47.37 % | 59 | 50.79 | 4.69 % |
| Feeder Location: 74224-Highland Ch | 700 Member/Public Caused | 1 | 5.26 % | 137 | 459.68 | 42.43 % |
| Customer Count: 474 | 999 Cause unknown | 3 | 15.79 % | 28 | 34.48 | 3.18 % |
| Circuit 5 Year Average (SAIDI): 182.9365 | | | | | | |
| Reporting Year (SAIDI): 65.4205 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.5742 | | | | | | |
| Reporting Year (SAIFI): 1.2228 | | | | | | |
| Total Circuit Length: 36 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: OLIVET CHURCH R | 300 Equipment Failure | 1 | 50.00 % | 8 | 0.17 | 0.45 % |
| Feeder Name: Info Age Park | 999 Cause unknown | 1 | 50.00 % | 8 | 37.60 | 99.55 % |
| Feeder Number: 234 | | | | | | |
| Feeder Location: 74234-Info Age Par | | | | | | |
| Customer Count: 8 | | | | | | |
| Circuit 5 Year Average (SAIDI): 169.0308 | | | | | | |
| Reporting Year (SAIDI): 282.0229 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.1000 | | | | | | |
| Reporting Year (SAIFI): 1.0000 | | | | | | |
| Total Circuit Length: 2.7 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: PALMA | 100 Contractor - Planned | 5 | 29.41 % | 6 | 5.05 | 0.21 % |
| Feeder Name: Hwy 95 | 300 Equipment Failure | 2 | 11.76 % | 365 | 704.70 | 29.90 % |
| Feeder Number: 214 | 420 ROW | 6 | 35.29 % | 33 | 78.42 | 3.33 % |
| Feeder Location: 54214-Hwy 95 | 999 Cause unknown | 4 | 23.53 % | 1125 | 1568.61 | 66.56 % |
| Customer Count: 368 | | | | | | |
| Circuit 5 Year Average (SAIDI): 217.4080 | | | | | | |
| Reporting Year (SAIDI) 255.6536 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.4663 | | | | | | |
| Reporting Year (SAIFI): 3.0559 | | | | | | |
| Total Circuit Length: 29.8 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: PALMA | 300 Equipment Failure | 1 | 8.33 % | 1 | 1.67 | 0.09 % |
| Feeder Name: Draffenville | 420 ROW | 3 | 25.00 % | 28 | 39.44 | 2.17 % |
| Feeder Number: 224 | 500 Lightning | 1 | 8.33 % | 302 | 268.28 | 14.79 % |
| Feeder Location: 54224-Draffenville | 510 Wind - Not Trees | 1 | 8.33 % | 10 | 9.51 | 0.52 % |
| Customer Count: 301 | 700 Member/Public Caused | 1 | 8.33 % | 1 | 1.75 | 0.10 % |
| Circuit 5 Year Average (SAIDI): 132.2353 | 710 Motor Vehicle | 3 | 25.00 % | 687 | 781.54 | 43.09 % |
| Reporting Year (SAIDI) 155.5608 | 999 Cause unknown | 2 | 16.67 % | 604 | 711.37 | 39.23 % |
| Circuit 5 Year Average (SAIFI): 1.6547 | | | | | | |
| Reporting Year (SAIFI): 2.2791 | | | | | | |
| Total Circuit Length: 21.7 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: PALMA | 100 Contractor - Planned | 2 | 5.00 % | 4 | 5.19 | 0.16 % |
| Feeder Name: Palma | 110 JPEC - Planned | 3 | 7.50 % | 6 | 16.47 | 0.52 % |
| Feeder Number: 234 | 300 Equipment Failure | 4 | 10.00 % | 759 | 247.46 | 7.78 % |
| Feeder Location: 54234-Palma | 420 ROW | 8 | 20.00 % | 133 | 63.16 | 1.99 % |
| Customer Count: 740 | 500 Lightning | 3 | 7.50 % | 63 | 60.18 | 1.89 % |
| Circuit 5 Year Average (SAIDI): 175.0020 | 510 Wind - Not Trees | 1 | 2.50 % | 30 | 135.31 | 4.26 % |
| Reporting Year (SAIDI): 144.3178 | 690 Animal | 12 | 30.00 % | 48 | 35.74 | 1.12 % |
| Circuit 5 Year Average (SAIFI): 1.8098 | 700 Member/Public Caused | 1 | 2.50 % | 14 | 15.88 | 0.50 % |
| Reporting Year (SAIFI): 2.0071 | 710 Motor Vehicle | 1 | 2.50 % | 739 | 819.26 | 25.76 % |
| Total Circuit Length: 57.3 | 810 Load | 1 | 2.50 % | 3 | 1.55 | 0.05 % |
| Date of Last Circuit Trim: 2015 | 999 Cause unknown | 4 | 10.00 % | 1485 | 1779.63 | 55.97 % |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: POSSUM TROT | 000 No Cause Selected | 2 | 6.25 % | 1068 | 462.13 | 28.61 % |
| Feeder Name: Possum Trot | 100 Contractor - Planned | 4 | 12.50 % | 9 | 16.33 | 1.01 % |
| Feeder Number: 224 | 110 JPEC - Planned | 1 | 3.12 % | 545 | 896.37 | 55.50 % |
| Feeder Location: 78224-Possum Trot | 300 Equipment Failure | 3 | 9.38 % | 7 | 12.99 | 0.80 % |
| Customer Count: 544 | 420 ROW | 3 | 9.38 % | 19 | 127.25 | 7.88 % |
| Circuit 5 Year Average (SAIDI): 140.9786 | 500 Lightning | 3 | 9.38 % | 5 | 11.23 | 0.70 % |
| Reporting Year (SAIDI): 98.8538 | 690 Animal | 14 | 43.75 % | 106 | 86.76 | 5.37 % |
| Circuit 5 Year Average (SAIFI): 1.7252 | 999 Cause unknown | 2 | 6.25 % | 2 | 2.10 | 0.13 % |
| Reporting Year (SAIFI): 1.9630 | | | | | | |
| Total Circuit Length: 42.3 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: POSSUM TROT | 100 Contractor - Planned | 6 | 46.15 % | 5 | 12.93 | 19.04 % |
| Feeder Name: Hwy 95 | 300 Equipment Failure | 1 | 7.69 % | 1 | 0.89 | 1.31 % |
| Feeder Number: 234 | 420 ROW | 3 | 23.08 % | 14 | 43.84 | 64.57 % |
| Feeder Location: 78234-Hwy 95 | 500 Lightning | 2 | 15.38 % | 4 | 8.39 | 12.36 % |
| Customer Count: 200 | 999 Cause unknown | 1 | 7.69 % | 2 | 1.85 | 2.72 % |
| Circuit 5 Year Average (SAIDI): 256.7169 | | | | | | |
| Reporting Year (SAIDI) 13.1423 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.3598 | | | | | | |
| Reporting Year (SAIFI): 0.0699 | | | | | | |
| Total Circuit Length: 14.9 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: POSSUM TROT | 420 ROW | 3 | 37.50 % | 72 | 124.27 | 91.47 % |
| Feeder Name: Industrial Loop | 500 Lightning | 1 | 12.50 % | 2 | 2.26 | 1.66 % |
| Feeder Number: 254 | 700 Member/Public Caused | 1 | 12.50 % | 1 | 0.65 | 0.48 % |
| Feeder Location: 78254-Industrial Lo | 999 Cause unknown | 3 | 37.50 % | 7 | 8.68 | 6.39 % |
| Customer Count: 206 | | | | | | |
| Circuit 5 Year Average (SAIDI): 207.4646 | | | | | | |
| Reporting Year (SAIDI) 36.1325 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.3414 | | | | | | |
| Reporting Year (SAIFI): 0.3489 | | | | | | |
| Total Circuit Length: 24.4 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: POSSUM TROT | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: CoalTek | | | | | | |
| Feeder Number: 264 | | | | | | |
| Feeder Location: 78264-CoalTek | | | | | | |
| Customer Count: 2 | | | | | | |
| Circuit 5 Year Average (SAIDI): 97.0600 | | | | | | |
| Reporting Year (SAIDI) 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.6000 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 3.9 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: RAGLAND | 100 Contractor - Planned | 20 | 35.71 % | 24 | 67.14 | 6.07 % |
| Feeder Name: Monkeys Eyebrow | 110 JPEC - Planned | 1 | 1.79 % | 1 | 1.85 | 0.17 % |
| Feeder Number: 214 | 300 Equipment Failure | 6 | 10.71 % | 15 | 22.78 | 2.06 % |
| Feeder Location: 19214-Monkeys Eye | 420 ROW | 13 | 23.21 % | 151 | 290.33 | 26.23 % |
| Customer Count: 240 | 500 Lightning | 1 | 1.79 % | 4 | 9.72 | 0.88 % |
| Circuit 5 Year Average (SAIDI): 244.8387 | 510 Wind - Not Trees | 2 | 3.57 % | 259 | 583.85 | 52.76 % |
| Reporting Year (SAIDI) 146.1340 | 690 Animal | 7 | 12.50 % | 43 | 67.38 | 6.09 % |
| Circuit 5 Year Average (SAIFI): 1.5752 | 999 Cause unknown | 6 | 10.71 % | 24 | 63.66 | 5.75 % |
| Reporting Year (SAIFI): 1.0804 | | | | | | |
| Total Circuit Length: 50 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: RAGLAND | 100 Contractor - Planned | 3 | 17.65 % | 4 | 18.64 | 11.18 % |
| Feeder Name: Ragland | 110 JPEC - Planned | 1 | 5.88 % | 2 | 1.31 | 0.79 % |
| Feeder Number: 224 | 300 Equipment Failure | 4 | 23.53 % | 5 | 11.44 | 6.86 % |
| Feeder Location: 19224-Ragland | 420 ROW | 2 | 11.76 % | 1 | 2.19 | 1.31 % |
| Customer Count: 218 | 500 Lightning | 1 | 5.88 % | 34 | 73.42 | 44.02 % |
| Circuit 5 Year Average (SAIDI): 259.2800 | 690 Animal | 4 | 23.53 % | 4 | 4.88 | 2.93 % |
| Reporting Year (SAIDI): 20.2021 | 810 Load | 1 | 5.88 % | 35 | 49.94 | 29.94 % |
| Circuit 5 Year Average (SAIFI): 1.0997 | 999 Cause unknown | 1 | 5.88 % | 2 | 4.98 | 2.99 % |
| Reporting Year (SAIFI): 0.1605 | | | | | | |
| Total Circuit Length: 33.4 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: REIDLAND | 100 Contractor - Planned | 6 | 37.50 % | 12 | 10.66 | 1.25 % |
| Feeder Name: Ken Mar Rd | 110 JPEC - Planned | 2 | 12.50 % | 11 | 16.18 | 1.90 % |
| Feeder Number: 214 | 300 Equipment Failure | 3 | 18.75 % | 8 | 13.52 | 1.59 % |
| Feeder Location: 41214-Ken Mar Rd | 420 ROW | 4 | 25.00 % | 665 | 805.30 | 94.54 % |
| Customer Count: 334 | 999 Cause unknown | 1 | 6.25 % | 7 | 6.14 | 0.72 % |
| Circuit 5 Year Average (SAIDI): 195.7653 | | | | | | |
| Reporting Year (SAIDI): 144.6295 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.9109 | | | | | | |
| Reporting Year (SAIFI): 1.9905 | | | | | | |
| Total Circuit Length: 20.1 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: REIDLAND | 420 | ROW | 1 | 20.00 % | 2 | 2.19 | 24.39 % |
| Feeder Name: Reidland Water | 690 | Animal | 3 | 60.00 % | 6 | 5.77 | 64.25 % |
| Feeder Number: 224 | 999 | Cause unknown | 1 | 20.00 % | 2 | 1.02 | 11.36 % |
| Feeder Location: 41224-Reidland Wat | | | | | | | |
| Customer Count: 50 | | | | | | | |
| Circuit 5 Year Average (SAIDI): 27.4749 | | | | | | | |
| Reporting Year (SAIDI): 6.8683 | | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.4165 | | | | | | | |
| Reporting Year (SAIFI): 0.1190 | | | | | | | |
| Total Circuit Length: 2.9 | | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> | |
|-------------------------------------------------|--------------------------------|----------------------|-------------------|---------------------|-----------------|-------------------|---------|
| Substation Name: REIDLAND | 100 | Contractor - Planned | 1 | 14.29 % | 3 | 8.28 | 8.19 % |
| Feeder Name: Epperson Rd | 110 | JPEC - Planned | 1 | 14.29 % | 2 | 1.02 | 1.01 % |
| Feeder Number: 234 | 300 | Equipment Failure | 2 | 28.57 % | 7 | 6.03 | 5.96 % |
| Feeder Location: 41234-Epperson Rd | 420 | ROW | 2 | 28.57 % | 33 | 82.19 | 81.25 % |
| Customer Count: 199 | 999 | Cause unknown | 1 | 14.29 % | 4 | 3.64 | 3.60 % |
| Circuit 5 Year Average (SAIDI): 168.4890 | | | | | | | |
| Reporting Year (SAIDI): 24.7978 | | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.9153 | | | | | | | |
| Reporting Year (SAIFI): 0.1660 | | | | | | | |
| Total Circuit Length: 9.9 | | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | | |
| Corrective Action Plan: | | | | | | | |

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| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: REIDLAND | 300 Equipment Failure | 1 | 16.67 % | 2 | 6.98 | 3.14 % |
| Feeder Name: Walker Boat Yard | 420 ROW | 3 | 50.00 % | 105 | 205.01 | 92.14 % |
| Feeder Number: 244 | 500 Lightning | 1 | 16.67 % | 4 | 5.67 | 2.55 % |
| Feeder Location: 41244-Walker Boat | 690 Animal | 1 | 16.67 % | 4 | 4.84 | 2.18 % |
| Customer Count: 100 | | | | | | |
| Circuit 5 Year Average (SAIDI): 111.5094 | | | | | | |
| Reporting Year (SAIDI) 123.4114 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.8408 | | | | | | |
| Reporting Year (SAIFI): 1.0535 | | | | | | |
| Total Circuit Length: 12.9 | | | | | | |
| Date of Last Circuit Trim: 2017 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | Cause Code/ Description | Nbr Outages | % of Total | Nbr Cons Out | Cons Hrs | % of Total |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: SMITHLAND | 100 Contractor - Planned | 3 | 15.79 % | 5 | 31.94 | 19.63 % |
| Feeder Name: Smithland | 110 JPEC - Planned | 4 | 21.05 % | 7 | 10.15 | 6.24 % |
| Feeder Number: 214 | 300 Equipment Failure | 2 | 10.53 % | 9 | 18.08 | 11.11 % |
| Feeder Location: 32214-Smithland | 420 ROW | 1 | 5.26 % | 1 | 1.54 | 0.95 % |
| Customer Count: 382 | 500 Lightning | 1 | 5.26 % | 1 | 0.98 | 0.60 % |
| Circuit 5 Year Average (SAIDI): 210.0974 | 690 Animal | 3 | 15.79 % | 13 | 13.10 | 8.05 % |
| Reporting Year (SAIDI) 8.9445 | 700 Member/Public Caused | 2 | 10.53 % | 12 | 20.61 | 12.66 % |
| Circuit 5 Year Average (SAIFI): 1.0117 | 710 Motor Vehicle | 1 | 5.26 % | 4 | 9.36 | 5.75 % |
| Reporting Year (SAIFI): 0.0497 | 999 Cause unknown | 2 | 10.53 % | 19 | 56.99 | 35.02 % |
| Total Circuit Length: 30 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: SMITHLAND | 100 Contractor - Planned | 7 | 20.00 % | 8 | 17.45 | 1.09 % |
| Feeder Name: Tiline | 110 JPEC - Planned | 1 | 2.86 % | 3 | 14.93 | 0.94 % |
| Feeder Number: 224 | 300 Equipment Failure | 2 | 5.71 % | 15 | 14.78 | 0.93 % |
| Feeder Location: 32224-Tiline | 420 ROW | 5 | 14.29 % | 688 | 594.33 | 37.22 % |
| Customer Count: 560 | 500 Lightning | 8 | 22.86 % | 79 | 171.52 | 10.74 % |
| Circuit 5 Year Average (SAIDI): 488.6387 | 510 Wind - Not Trees | 1 | 2.86 % | 78 | 394.49 | 24.71 % |
| Reporting Year (SAIDI): 63.7120 | 690 Animal | 7 | 20.00 % | 55 | 77.97 | 4.88 % |
| Circuit 5 Year Average (SAIFI): 2.3673 | 810 Load | 1 | 2.86 % | 1 | 1.88 | 0.12 % |
| Reporting Year (SAIFI): 1.2292 | 999 Cause unknown | 3 | 8.57 % | 158 | 309.29 | 19.37 % |
| Total Circuit Length: 105.9 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: SMITHLAND | 100 Contractor - Planned | 6 | 21.43 % | 9 | 24.24 | 3.36 % |
| Feeder Name: Mitchell Store | 110 JPEC - Planned | 2 | 7.14 % | 3 | 1.97 | 0.27 % |
| Feeder Number: 244 | 300 Equipment Failure | 3 | 10.71 % | 5 | 4.46 | 0.62 % |
| Feeder Location: 32244-Mitchell Stor | 420 ROW | 6 | 21.43 % | 30 | 127.81 | 17.70 % |
| Customer Count: 386 | 500 Lightning | 5 | 17.86 % | 15 | 20.29 | 2.81 % |
| Circuit 5 Year Average (SAIDI): 464.2046 | 690 Animal | 1 | 3.57 % | 1 | 0.84 | 0.12 % |
| Reporting Year (SAIDI): 84.1609 | 700 Member/Public Caused | 1 | 3.57 % | 1 | 1.14 | 0.16 % |
| Circuit 5 Year Average (SAIFI): 2.0239 | 999 Cause unknown | 4 | 14.29 % | 403 | 541.28 | 74.97 % |
| Reporting Year (SAIFI): 1.0443 | | | | | | |
| Total Circuit Length: 56.7 | | | | | | |
| Date of Last Circuit Trim: 2019 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: STRAWBERRY HILL | 100 Contractor - Planned | 4 | 12.90 % | 15 | 40.04 | 8.60 % |
| Feeder Name: Hansen Rd | 110 JPEC - Planned | 4 | 12.90 % | 8 | 9.76 | 2.10 % |
| Feeder Number: 224 | 300 Equipment Failure | 5 | 16.13 % | 69 | 137.82 | 29.62 % |
| Feeder Location: 77224-Hansen Rd | 420 ROW | 7 | 22.58 % | 62 | 102.44 | 22.01 % |
| Customer Count: 682 | 530 Flood | 4 | 12.90 % | 91 | 119.53 | 25.69 % |
| Circuit 5 Year Average (SAIDI): 135.9067 | 690 Animal | 6 | 19.35 % | 20 | 16.77 | 3.60 % |
| Reporting Year (SAIDI): 12.1325 | 999 Cause unknown | 1 | 3.23 % | 30 | 38.96 | 8.37 % |
| Circuit 5 Year Average (SAIFI): 1.3950 | | | | | | |
| Reporting Year (SAIFI): 0.1335 | | | | | | |
| Total Circuit Length: 31.1 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: STRAWBERRY HILL | 0 BREC | 1 | 50.00 % | 13 | 1.31 | 0.58 % |
| Feeder Name: Walmart | 999 Cause unknown | 1 | 50.00 % | 93 | 224.62 | 99.42 % |
| Feeder Number: 234 | | | | | | |
| Feeder Location: 77234-Walmart | | | | | | |
| Customer Count: 538 | | | | | | |
| Circuit 5 Year Average (SAIDI): 66.7288 | | | | | | |
| Reporting Year (SAIDI): 25.0344 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.4573 | | | | | | |
| Reporting Year (SAIFI): 0.1728 | | | | | | |
| Total Circuit Length: 9.7 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-----------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: STRAWBERRY HILL | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: CSI | | | | | | |
| Feeder Number: 254 | | | | | | |
| Feeder Location: 77254-CSI | | | | | | |
| Customer Count: 87 | | | | | | |
| Circuit 5 Year Average (SAIDI): 2.1727 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.3979 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 5 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: STRAWBERRY HILL | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: Hwy 60 | | | | | | |
| Feeder Number: 264 | | | | | | |
| Feeder Location: 77264-Hwy 60 | | | | | | |
| Customer Count: 13 | | | | | | |
| Circuit 5 Year Average (SAIDI): 60.3773 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.5464 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 1.8 | | | | | | |
| Date of Last Circuit Trim: 2015 | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-----------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: VULCAN | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: Vulcan Pit | | | | | | |
| Feeder Number: 224 | | | | | | |
| Feeder Location: 45224-Vulcan Pit | | | | | | |
| Customer Count: 0 | | | | | | |
| Circuit 5 Year Average (SAIDI): 0.0000 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 0.0000 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 2.4 | | | | | | |
| Date of Last Circuit Trim: | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: VULCAN | None None | 0 | 0.00 % | 0 | 0.00 | 0.00 % |
| Feeder Name: Vulcan 1 Rock Crusher | | | | | | |
| Feeder Number: 234 | | | | | | |
| Feeder Location: 45234-Vulcan 1 Roc | | | | | | |
| Customer Count: 1 | | | | | | |
| Circuit 5 Year Average (SAIDI): 322.0200 | | | | | | |
| Reporting Year (SAIDI): 0.0000 | | | | | | |
| Circuit 5 Year Average (SAIFI): 2.2000 | | | | | | |
| Reporting Year (SAIFI): 0.0000 | | | | | | |
| Total Circuit Length: 1 | | | | | | |
| Date of Last Circuit Trim: | | | | | | |
| Corrective Action Plan: | | | | | | |

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| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|--------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: VULCAN | 110 JPEC - Planned | 1 | 25.00 % | 35 | 4.57 | 2.34 % |
| Feeder Name: Kinder Morgan | 690 Animal | 3 | 75.00 % | 104 | 190.71 | 97.66 % |
| Feeder Number: 244 | | | | | | |
| Feeder Location: 45244-Kinder Morg | | | | | | |
| Customer Count: 34 | | | | | | |
| Circuit 5 Year Average (SAIDI): 1300.0296 | | | | | | |
| Reporting Year (SAIDI) 336.8516 | | | | | | |
| Circuit 5 Year Average (SAIFI): 11.2334 | | | | | | |
| Reporting Year (SAIFI): 3.0615 | | | | | | |
| Total Circuit Length: 8.1 | | | | | | |
| Date of Last Circuit Trim: | | | | | | |
| Corrective Action Plan: | | | | | | |

| | <u>Cause Code/ Description</u> | <u>Nbr Outages</u> | <u>% of Total</u> | <u>Nbr Cons Out</u> | <u>Cons Hrs</u> | <u>% of Total</u> |
|-------------------------------------------------|--------------------------------|--------------------|-------------------|---------------------|-----------------|-------------------|
| Substation Name: VULCAN | 690 Animal | 1 | 33.33 % | 2 | 6.55 | 48.23 % |
| Feeder Name: Vulcan 2 Hwy 62 | 810 Load | 1 | 33.33 % | 0 | 0.00 | 0.00 % |
| Feeder Number: 254 | 999 Cause unknown | 1 | 33.33 % | 2 | 7.03 | 51.77 % |
| Feeder Location: 45254-Vulcan 2 Hw | | | | | | |
| Customer Count: 2 | | | | | | |
| Circuit 5 Year Average (SAIDI): 181.2867 | | | | | | |
| Reporting Year (SAIDI) 211.0167 | | | | | | |
| Circuit 5 Year Average (SAIFI): 1.4000 | | | | | | |
| Reporting Year (SAIFI): 1.0000 | | | | | | |
| Total Circuit Length: 5 | | | | | | |
| Date of Last Circuit Trim: | | | | | | |
| Corrective Action Plan: | | | | | | |

| | |
|---------------------------|----------|
| Total Customer Hrs Off: | 67948.61 |
| Total Customers Affected: | 46807 |
| Total Outage Count: | 1871 |