



Jackson Purchase Energy
P.O. Box 4030 • 2900 Irvin Cobb Drive
Paducah, KY 42002-4030
270.442.7321 • 800.633.4044

Visit our Web Site www.JPEnergy.com

April 3, 2014

Mr. Jeff Derouen
Executive Director
Kentucky Public Service Commission
P.O. Box 615
Frankfort, KY 40602-4636

RECEIVED

APR -7 2014

PUBLIC SERVICE
COMMISSION

RE: 2013 Reliability Report

Dear Mr. Derouen,

Please find enclosed Jackson Purchase Energy Corporation's 2013 Reliability report. As expressed to the Commission last year, this report represents almost a month's worth of Engineering time preparing and arraigning the data in the format that the Commission requested almost tripling the time spent on previous reports.

If you have any questions please let us know.

Thank You,

Scott Ribble, P.E.
VP of Engineering and Operations
Jackson Purchase Energy Corporation



Your Touchstone Energy® Partner
The power of human connections

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

| | | |
|----------------------------|-----|-------------------------------------|
| UTILITY NAME | 1.1 | Jackson Purchase Energy Corporation |
| REPORT PREPARED BY | 1.2 | Scott Ribble |
| E-MAIL ADDRESS OF PREPARER | 1.3 | scott.ribble@jpenergy.com |
| PHONE NUMBER OF PREPARER | 1.4 | 270-442-7321 |

SECTION 2: REPORT YEAR

| | | |
|-------------------------|-----|------|
| CALENDAR YEAR OF REPORT | 2.1 | 2013 |
|-------------------------|-----|------|

SECTION 3: MAJOR EVENT DAYS

| | | |
|-----------------------------------|-----|-------------|
| TMED | 3.1 | 14.20710774 |
| FIRST DATE USED TO DETERMINE TMED | 3.2 | 1/1/2008 |
| LAST DATE USED TO DETERMINE TMED | 3.3 | 12/31/2012 |
| 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 | 29303 | Total Circuits | 91 |
|-----------------|-------|----------------|----|

Excluding MED

| 5 Year Average | | Reporting Year | |
|----------------|--------|----------------|--------|
| SAIDI | 500.34 | SAIDI | 147.99 |
| SAIFI | 1.74 | SAIFI | 1.58 |

Including MED

| 5 Year Average | | Reporting Year | |
|----------------|---------|----------------|--------|
| SAIDI | 3142.54 | SAIDI | 172.56 |
| SAIFI | 2.88 | SAIFI | 1.65 |

SECTION 5: CIRCUIT REPORTING

Electric Distribution Utility Annual Reliability Report

Additional pages may be attached as necessary

SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

JPEC uses a four year vegetation management cycle for ROW along with an aggressive Trade-a-Tree program which incentivizes the contract crew and homeowner to remove trees within the ROW of the utility line. JPEC has started changing the focus from trimming to a spray program to control existing ROW and new growth therefore reducing our overall trimming budget which has been confirmed with recent ROW negotiations.

SECTION 8: UTILITY COMMENTS

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Burna | Animal | 0% |
| Substation Number | 14 | Cut Out - Line or XFMR | 0% |
| Circuit Name | Hampton | Human Error | 0% |
| Circuit Number | 1401 | Lightning | 0% |
| Circuit Location | Hampton | Line Equipment | 50% |
| Total Circuit Length (Miles) | 19.2 | Member Trouble | 0% |
| Customer Count | 86 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 1/1/11 - 2/28/11 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 8.27528 | Public | 13% |
| Reporting Year (SAIDI) | 64.95349 | ROW | 13% |
| Circuit 5 Year Average (SAIFI) | 0.08951 | Substation | 0% |
| Reporting Year (SAIFI) | 0.45349 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 25% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

KENTUCKY PUBLIC SERVICE COMMISSION

Section 5: Circuit Reporting

| Circuit Name | Circuit Number | Circuit Location | Substation Name | Substation Number | # of Customers | Previous 5 Year Average SAIFI | 2013 SAIFI Excluding MED | Comparison | Circuit Length | Date of Last | Previous 5 | 2013 SAIDI Excluding | Comparison |
|-----------------------|----------------|-------------------------|-----------------|-------------------|----------------|-------------------------------|--------------------------|------------|----------------|---------------------|--------------|----------------------|------------|
| | | | | | | | | | | Trim For | Year Average | MED | |
| | | | | | | | | | | Circuit | SAIDI | MED | |
| Hampton-South | 501 | Hampton-South | Joy | 5 | 183 | 1.595264486 | 0.163934426 | OK | | 4/27/2012 | 170.6935156 | 26.75409836 | OK |
| Carrsville | 504 | Carrsville | Joy | 5 | 81 | 1.89321319 | 1.037037037 | OK | | 4/27/2012 | 262.4471459 | 97.22222222 | OK |
| Lola | 505 | Lola | Joy | 5 | 296 | 1.566564968 | 0.398648649 | OK | | 4/27/2012 | 182.2395138 | 53.59797297 | OK |
| Hampton | 1401 | Hampton | Burna | 14 | 86 | 0.089513678 | 0.453488372 | PSC | 19.2 | 1/1/11 - 2/28/11 | 8.275278622 | 64.95348837 | PSC |
| Salem | 1404 | Salem | Burna | 14 | 335 | 1.003531668 | 0.208955224 | OK | | 1/1/11 - 2/28/11 | 186.7746854 | 15.64776119 | OK |
| Smithland | 1405 | Smithland | Burna | 14 | 362 | 0.988186907 | 0.284530387 | OK | | 1/1/11 - 2/28/11 | 101.2185425 | 35.28729282 | OK |
| Pinckneyville | 1502 | Pinckneyville | Cumberland | 15 | 118 | 4.577969849 | 1.338983051 | OK | 15.3 | 8/8/2008 | 312.939173 | 372.5423729 | PSC |
| Quarry | 1503 | Quarry | Cumberland | 15 | 29 | 1.48172675 | 1.379310345 | OK | | 8/8/2008 | 189.4149491 | 186.0689655 | OK |
| Monkey's Eyebrow | 1901 | Monkey's Eyebrow | Ragland | 19 | 258 | 1.354744135 | 1.860465116 | PSC | 78.8 | 8/30/13 - 9/20/13 | 138.4389225 | 133.9341085 | OK |
| Ragland | 1902 | Ragland | Ragland | 19 | 229 | 1.803147592 | 0.07860262 | OK | | 8/30/13 - 9/20/13 | 167.0157936 | 5.663755459 | OK |
| Damron's | 2601 | Damron's | LaCenter | 26 | 225 | 1.229193122 | 8.44 | PSC | 59 | 11/11/2011 | 161.0019362 | 707.9866667 | PSC |
| Oscar | 2602 | Oscar | LaCenter | 26 | 350 | 1.135002652 | 0.148571429 | OK | | 11/11/2011 | 88.37101772 | 15.02285714 | OK |
| Hobbs Rd | 2801 | Hobbs Rd | Kevil | 28 | 514 | 0.665585387 | 0.303501946 | OK | | 10/16/2013 - 12/4/ | 76.35676834 | 22.41245136 | OK |
| Woodville Rd | 2802 | Woodville Rd | Kevil | 28 | 542 | 1.179935437 | 1.498154982 | PSC | 115.6 | 1/16/2013 - 12/4/ | 141.2859804 | 105.6180812 | OK |
| Kelley Rd | 2803 | Kelley Rd | Kevil | 28 | 409 | 1.061715421 | 3.530562347 | PSC | 66 | 1/16/2013 - 12/4/ | 87.37150048 | 649.2396088 | PSC |
| High Point | 2901 | High Point | High Point | 29 | 194 | 0.901854415 | 2.75257732 | PSC | 30.7 | 9/30/2011 | 74.63058768 | 274.8659794 | PSC |
| Carneal Rd | 2902 | Carneal Rd | High Point | 29 | 177 | 1.386651973 | 2.762711864 | PSC | 27.9 | 9/30/2011 | 68.53972765 | 129.4237288 | PSC |
| Essex | 2903 | Essex | High Point | 29 | 0 | 0 | 0 | OK | | 9/30/2011 | 0 | 0 | OK |
| Conrad Heights | 3002 | Conrad Heights | Coleman Road | 30 | 45 | 0.653047248 | 1.111111111 | PSC | 4.1 | 6/24/2011 | 62.92189578 | 50 | OK |
| Holt Rd | 3004 | Holt Rd | Coleman Road | 30 | 44 | 0.398098969 | 0.159090909 | OK | | 6/24/2011 | 37.32144666 | 6.045454545 | OK |
| Ky Oaks Mall | 3005 | Ky Oaks Mall | Coleman Road | 30 | 79 | 0.516833411 | 0.012658228 | OK | | 6/24/2011 | 41.72710612 | 1.215189873 | OK |
| US 60 East | 3102 | US 60 East | Ledbetter | 31 | 314 | 1.668715644 | 2.732484076 | PSC | 52.8 | 6/21/13 - 7/19/13 | 156.3723828 | 89.36305732 | OK |
| River Crossing | 3103 | River Crossing | Ledbetter | 31 | 33 | 0.558008658 | 0.090909091 | OK | | 6/21/13 - 7/19/13 | 35.05865801 | 5.727272727 | OK |
| Ledbetter | 3104 | Ledbetter | Ledbetter | 31 | 1006 | 1.418332812 | 1.566600398 | PSC | 83.4 | 6/21/13 - 7/19/13 | 111.1214234 | 57.1222664 | OK |
| Smithland | 3201 | Smithland | Smithland | 32 | 391 | 2.269868055 | 3.611253197 | PSC | 45 | 0/29/10 - 12/10/1 | 234.3487201 | 419.1994885 | PSC |
| Tiline | 3202 | Tiline | Smithland | 32 | 530 | 2.515331357 | 5.7 | PSC | 130.6 | 0/29/10 - 12/10/1 | 262.3105071 | 988.3811321 | PSC |
| Mitchell Store | 3204 | Mitchell Store | Smithland | 32 | 365 | 1.907231625 | 0.326027397 | OK | | 10/29/10 - 12/10/1 | 218.3336422 | 70.4 | OK |
| Airport | 3901 | Airport | Little Union | 39 | 543 | 2.398844041 | 0.541436464 | OK | | 10/16/2013 - 12/28/ | 224.2292711 | 47.65009208 | OK |
| US 60 West | 3902 | US 60 West | Little Union | 39 | 441 | 1.245509098 | 0.428571429 | OK | | 10/16/2013 - 12/28/ | 113.352762 | 49.88208617 | OK |
| US 60 East-K O M | 3903 | US 60 East-K O M | Little Union | 39 | 153 | 2.333876924 | 5.431372549 | PSC | 22.3 | 1/16/2013 - 12/28/ | 212.2085771 | 199.9542484 | OK |
| Roy Lee Rd | 3904 | Roy Lee Rd | Little Union | 39 | 265 | 2.654529042 | 2.664150943 | PSC | 51.9 | 1/16/2013 - 12/28/ | 212.9521135 | 410.0113208 | PSC |
| Husbands Rd | 4002 | Husbands Rd | Husbands Road | 40 | 767 | 1.65402981 | 0.015645372 | OK | | 6/29/2010 | 108.7819641 | 0.79791395 | OK |
| Lydon Rd | 4003 | Lydon Rd | Husbands Road | 40 | 480 | 1.36502672 | 0.685416667 | OK | | 6/29/2010 | 159.3296184 | 22.68958333 | OK |
| Clarkline Rd | 4004 | Clarkline Rd | Husbands Road | 40 | 300 | 1.230930335 | 0.16 | OK | | 6/29/2010 | 70.03911209 | 12.47666667 | OK |
| Ken Mar Rd | 4101 | Ken Mar Rd | Reidland | 41 | 318 | 1.35384277 | 1.311320755 | OK | | 10/29/2013 | 126.7324286 | 104.4591195 | OK |
| Reidland Water | 4102 | Reidland Water | Reidland | 41 | 501 | 0.746853942 | 0.007984032 | OK | | 10/29/2013 | 47.67485714 | 0.231536926 | OK |
| Epperson Rd | 4103 | Epperson Rd | Reidland | 41 | 200 | 1.898382907 | 0.925 | OK | | 10/29/2013 | 204.9149384 | 90.025 | OK |
| Walker Boat Yard | 4104 | Walker Boat Yard | Reidland | 41 | 105 | 4.922494367 | 0.561904762 | OK | | 10/29/2013 | 74.81619593 | 37.72380952 | OK |
| Proform | 4201 | Proform | Culp | 42 | 415 | 0.418413248 | 0.85060241 | PSC | 32.8 | 2/19/10 - 4/30/10 | 36.05951451 | 45.76626506 | PSC |
| Little Cypress | 4202 | Little Cypress | Culp | 42 | 51 | 0.425290987 | 0.098039216 | OK | | 2/19/10 - 4/30/10 | 29.46192123 | 4.588235294 | OK |
| Possum Trot | 4203 | Possum Trot | Culp | 42 | 206 | 0.683026124 | 0.40776699 | OK | | 2/19/10 - 4/30/10 | 61.33734346 | 33.96116505 | OK |
| Sharpe | 4204 | Sharpe | Culp | 42 | 1053 | 2.08014535 | 0.971509972 | OK | | 2/19/10 - 4/30/10 | 159.0914616 | 69.80531814 | OK |
| CC/Hwy 95 | 4301 | Highway 95 | Calvert City | 43 | 234 | 1.427054855 | 0.256410256 | OK | | 5/3/13 - 6/1/13 | 147.7568275 | 30.88034188 | OK |
| CC Hgts | 4302 | Calvert Heights | Calvert City | 43 | 659 | 1.292907234 | 0.53414264 | OK | | 5/3/13 - 6/1/13 | 103.0953858 | 39.37481032 | OK |
| Gilbertsville | 4303 | Gilbertsville | Calvert City | 43 | 363 | 0.690304739 | 0.388429752 | OK | | 5/3/13 - 6/1/13 | 71.98768539 | 30.78512397 | OK |
| CC Ind Park | 4304 | Calvery Industrial Park | Calvert City | 43 | 23 | 0.223384615 | 0.130434783 | OK | | 5/3/13 - 6/1/13 | 25.12923077 | 6.869565217 | OK |
| Vulcan Pit | 4502 | Vulcan Rock Quarry | Vulcan | 45 | 1 | 0.4 | 0 | OK | | | 29.6 | 0 | OK |
| Vulcan 1-Rock Crusher | 4503 | Vulcan Rock Quarry | Vulcan | 45 | 1 | 0.6 | 0 | OK | | | 81.3 | 0 | OK |
| Kinder Morgan 1 | 4504 | Vulcan Rock Quarry | Vulcan | 45 | 30 | 0.372222222 | 0 | OK | | | 44.52777778 | 0 | OK |

KENTUCKY PUBLIC SERVICE COMMISSION

Section 5: Circuit Reporting

| | | | | | | | | | | | | | |
|----------------------------|------|-----------------------|--------------------|----|------|-------------|-------------|-----|-------------------|-------------------|-------------|-------------|-----|
| Vulcan 2 Hwy 62 | 4505 | Vulcan Rock Quarry | Vulcan | 45 | 4 | 0.621818182 | 0 | OK | | 94.18909091 | 0 | OK | |
| Hinkleville | 4701 | Hinkleville | New York | 47 | 260 | 1.14980353 | 0.315384615 | OK | 10/19/12 - 1/4/13 | 222.4625832 | 23.44230769 | OK | |
| US 286 East-Gage | 4702 | US 286 East-Gage | New York | 47 | 258 | 1.164318127 | 1.356589147 | PSC | 63.9 | 10/19/12 - 1/4/13 | 99.0588169 | 141.0348837 | PSC |
| Blandville | 4703 | Blandville | New York | 47 | 225 | 2.771810698 | 2.742222222 | OK | | 10/19/12 - 1/4/13 | 376.4642855 | 209.3688889 | OK |
| Wickliffe | 4704 | Wickliffe | New York | 47 | 348 | 1.817272811 | 0.267241379 | OK | | 10/19/12 - 1/4/13 | 245.2592912 | 20.12643678 | OK |
| Slater | 4705 | Slater | New York | 47 | 346 | 1.556325578 | 0.604046243 | OK | | 10/19/12 - 1/4/13 | 284.8094035 | 79.28323699 | OK |
| Blandville | 4901 | Blandville | Lovelaceville | 49 | 131 | 0.655793055 | 2.221374046 | PSC | 37.2 | 12/2/11 - 1/27/12 | 55.18604571 | 246.9770992 | PSC |
| Lovelaceville | 4902 | Lovelaceville | Lovelaceville | 49 | 496 | 1.184837615 | 1.897177419 | PSC | 70 | 12/2/11 - 1/27/12 | 104.3452338 | 115.7560484 | PSC |
| Cunningham | 4903 | Cunningham | Lovelaceville | 49 | 529 | 1.548849464 | 0.86389414 | OK | | 12/2/11 - 1/27/12 | 217.9717538 | 156.6275992 | OK |
| Browns Plating | 5001 | Browns Plating | Krebs Station Road | 50 | 505 | 1.776441595 | 2.637623762 | PSC | 49.9 | 3/29/13 - 4/19/13 | 142.7727821 | 237.6970297 | PSC |
| Old US 45 | 5002 | Old US 45 | Krebs Station Road | 50 | 845 | 0.708771108 | 3.379881657 | PSC | 105.1 | 3/29/13 - 4/19/13 | 65.64356221 | 501.1100592 | PSC |
| Clinton Road | 5003 | Clinton Road | Krebs Station Road | 50 | 788 | 1.246216836 | 1.300761421 | PSC | 90.2 | 3/29/13 - 4/19/13 | 130.5357023 | 120.6763959 | OK |
| Symsonia | 5101 | Symsonia | Freemont | 51 | 1003 | 2.081744195 | 1.653040877 | OK | | 2/19/10 - 6/25/10 | 180.8179236 | 110.7128614 | OK |
| Mc Neil Lane | 5102 | Mc Neil Lane | Freemont | 51 | 391 | 2.464244786 | 1.859335038 | OK | | 2/19/10 - 6/25/10 | 277.653378 | 180.0792839 | OK |
| Freemont | 5104 | Freemont | Freemont | 51 | 357 | 1.198506973 | 0.050420168 | OK | | 2/19/10 - 6/25/10 | 100.6820759 | 2.473389356 | OK |
| Bonds Rd | 5105 | Bonds Rd | Freemont | 51 | 127 | 1.598219672 | 1.472440945 | OK | | 2/19/10 - 6/25/10 | 146.9727739 | 115.4094488 | OK |
| Hwy 95 N to Hwy 62 | 5401 | Hwy 95 N to Hwy 62 | Palma | 54 | 356 | 1.644460091 | 0.171348315 | OK | | 5/29/2010 | 99.07460352 | 23.23033708 | OK |
| Draffenville | 5402 | Draffenville | Palma | 54 | 290 | 0.528144895 | 0.024137931 | OK | | 5/29/2010 | 31.28805619 | 2.306896552 | OK |
| Palma | 5403 | Palma | Palma | 54 | 716 | 1.099381386 | 0.216480447 | OK | | 5/29/2010 | 86.73904238 | 27.39385475 | OK |
| Lowes | 6101 | Lowes | Kansas | 61 | 441 | 0.638307406 | 0.362811791 | OK | | 6/22/12 - 8/24/12 | 70.38951924 | 44.430839 | OK |
| US 45-Folsomdale | 6102 | US 45-Folsomdale | Kansas | 61 | 218 | 0.448009492 | 1.45412844 | PSC | 105.1 | 6/22/12 - 8/24/12 | 56.04904004 | 206.266055 | PSC |
| Melber | 6103 | Melber | Kansas | 61 | 508 | 0.763513781 | 1.56496063 | PSC | 76.9 | 6/22/12 - 8/24/12 | 57.15169743 | 219.4370079 | PSC |
| Pottsville | 6104 | Pottsville | Kansas | 61 | 348 | 2.030287507 | 0.433908046 | OK | | 6/22/12 - 8/24/12 | 177.2058481 | 71.43965517 | OK |
| Draffenville | 6601 | Draffenville | Draffenville | 66 | 461 | 1.417101113 | 1.720173536 | PSC | 42.8 | 4/1/10 - 5/30/10 | 147.4383994 | 124.462039 | OK |
| Olivet Ch Rd | 7401 | Olivet Ch Rd | Olivet Church Road | 74 | 529 | 1.159010185 | 0.024574669 | OK | | 6/1/11 - 7/31/11 | 61.57804332 | 1.926275992 | OK |
| Highland Ch Rd | 7402 | Highland Ch Rd | Olivet Church Road | 74 | 441 | 1.13775585 | 0.73015873 | OK | | 6/1/11 - 7/31/11 | 156.2293247 | 73.38548753 | OK |
| Info Age Park | 7403 | Info Age Park | Olivet Church Road | 74 | 5 | 0.08 | 0 | OK | | 6/1/11 - 7/31/11 | 16.76 | 0 | OK |
| Iuka | 7601 | Iuka | Grand Rivers | 76 | 288 | 3.139795147 | 0.114583333 | OK | | 3/2/12 - 4/27/12 | 398.4214793 | 17.36805556 | OK |
| Smithland | 7602 | Smithland | Grand Rivers | 76 | 271 | 1.02546385 | 0.225092251 | OK | | 3/2/12 - 4/27/12 | 125.7622602 | 23.64944649 | OK |
| Pelican-GR #1 | 7604 | Grand Rivers | Grand Rivers | 76 | 369 | 1.154505243 | 0.111111111 | OK | | 3/2/12 - 4/27/12 | 107.6527418 | 15.66666667 | OK |
| Averitt-GR #2 | 7605 | Grand Rivers | Grand Rivers | 76 | 661 | 1.910169219 | 0.202723147 | OK | | 3/2/12 - 4/27/12 | 175.906354 | 13.23298033 | OK |
| Hansen Rd-Top Circuit | 7702 | Strawberry Hill | Strawberry Hill | 77 | 595 | 1.524607813 | 1.247058824 | OK | | 6/24/2011 | 108.1549855 | 78.22521008 | OK |
| Walmart-Hansen Rd Bottom | 7703 | Strawberry Hill | Strawberry Hill | 77 | 162 | 1.387689464 | 0.111111111 | OK | | 6/24/2011 | 85.62478795 | 8.37037037 | OK |
| CSI--Jas Sanders-Botom Cir | 7705 | Strawberry Hill | Strawberry Hill | 77 | 415 | 3.385596494 | 3.144578313 | OK | 32.8 | 6/24/2011 | 227.9528981 | 262.2819277 | PSC |
| Hwy 60-Jas Sanders-Top Cir | 7706 | Strawberry Hill | Strawberry Hill | 77 | 13 | 2.216666667 | 0 | OK | | 6/24/2011 | 195.7166667 | 0 | OK |
| Hwy 95 North | 7802 | Hwy 95 North | Possum Trot | 78 | 532 | 1.568747541 | 0.387218045 | OK | | 2/25/2011 | 133.063426 | 18.14473684 | OK |
| Possum Trot | 7803 | Possum Trot | Possum Trot | 78 | 192 | 2.326548233 | 0.25 | OK | | 2/25/2011 | 103.923785 | 18.4375 | OK |
| Industrial Loop North | 7805 | Industrial Loop North | Possum Trot | 78 | 199 | 2.281801469 | 1.060301508 | OK | | 2/25/2011 | 183.0806739 | 128.3919598 | OK |
| Coal Tek | 7806 | Possum Trot | Possum Trot | 78 | 3 | 1.5 | 0 | OK | | 2/25/2011 | 143.34 | 0 | OK |
| Meredith Rd | 7914 | Meredith Rd | Maxon | 79 | 9 | 0 | 1 | PSC | 2.9 | | 0 | 127.6666667 | PSC |
| Maxon Rd | 7924 | Maxon Rd | Maxon | 79 | 435 | 0 | 0.250574713 | PSC | 39.9 | | 0 | 25.73563218 | PSC |
| Industrial Park | 7934 | Industrial Park | Maxon | 79 | | 0 | 0 | OK | | | 0 | 0 | OK |

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|---------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Cumberland | Animal | 0% |
| Substation Number | 15 | Cut Out - Line or XFMR | 20% |
| Circuit Name | Pinckneyville | Human Error | 0% |
| Circuit Number | 1502 | Lightning | 0% |
| Circuit Location | Pinckneyville | Line Equipment | 40% |
| Total Circuit Length (Miles) | 15.3 | Member Trouble | 0% |
| Customer Count | 118 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 8/8/2008 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 312.93917 | Public | 0% |
| Reporting Year (SAIDI) | 372.54237 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 4.57797 | Substation | 0% |
| Reporting Year (SAIFI) | 1.33898 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 10% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 30% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software. **Note:** BREC is in the process of building a 69kV line into JPEC's Cumberland substation. This will enable JPEC to loop some substations and provided another source for radial substations in the future.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Ragland | Animal | 11% |
| Substation Number | 19 | Cut Out - Line or XFMR | 17% |
| Circuit Name | Monkey's Eyebrow | Human Error | 0% |
| Circuit Number | 1901 | Lightning | 6% |
| Circuit Location | Monkey's Eyebrow | Line Equipment | 22% |
| Total Circuit Length (Miles) | 78.8 | Member Trouble | 0% |
| Customer Count | 258 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 8/30/13 - 9/20/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 138.43892 | Public | 11% |
| Reporting Year (SAIDI) | 133.93411 | ROW | 22% |
| Circuit 5 Year Average (SAIFI) | 1.35474 | Substation | 0% |
| Reporting Year (SAIFI) | 1.86047 | Supplier | 0% |
| | | Transformer Malfunction | 11% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | LaCenter | Animal | 6% |
| Substation Number | 26 | Cut Out - Line or XFMR | 17% |
| Circuit Name | Damron's | Human Error | 0% |
| Circuit Number | 2601 | Lightning | 0% |
| Circuit Location | Damron's | Line Equipment | 50% |
| Total Circuit Length (Miles) | 59 | Member Trouble | 6% |
| Customer Count | 225 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 11/11/2011 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 161.00194 | Public | 17% |
| Reporting Year (SAIDI) | 707.98667 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 1.22919 | Substation | 0% |
| Reporting Year (SAIFI) | 8.44000 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 6% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|----------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Kevil | Animal | 9% |
| Substation Number | 28 | Cut Out - Line or XFMR | 20% |
| Circuit Name | Woodville Rd | Human Error | 0% |
| Circuit Number | 2802 | Lightning | 0% |
| Circuit Location | Woodville Rd | Line Equipment | 41% |
| Total Circuit Length (Miles) | 115.6 | Member Trouble | 4% |
| Customer Count | 542 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 10/16/2013 - 12/4/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 141.28598 | Public | 7% |
| Reporting Year (SAIDI) | 105.61808 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 1.17994 | Substation | 0% |
| Reporting Year (SAIFI) | 1.49815 | Supplier | 0% |
| | | Transformer Malfunction | 4% |
| | | Wire Primary | 2% |
| | | Wire Secondary | 4% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 7% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 2% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|----------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Kevil | Animal | 9% |
| Substation Number | 28 | Cut Out - Line or XFMR | 13% |
| Circuit Name | Kelley Rd | Human Error | 0% |
| Circuit Number | 2803 | Lightning | 0% |
| Circuit Location | Kelley Rd | Line Equipment | 47% |
| Total Circuit Length (Miles) | 66 | Member Trouble | 3% |
| Customer Count | 409 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 10/16/2013 - 12/4/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 87.37150 | Public | 16% |
| Reporting Year (SAIDI) | 649.23961 | ROW | 6% |
| Circuit 5 Year Average (SAIFI) | 1.06172 | Substation | 0% |
| Reporting Year (SAIFI) | 3.53056 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 3% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 3% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | High Point | Animal | 13% |
| Substation Number | 29 | Cut Out - Line or XFMR | 31% |
| Circuit Name | High Point | Human Error | 0% |
| Circuit Number | 2901 | Lightning | 0% |
| Circuit Location | High Point | Line Equipment | 19% |
| Total Circuit Length (Miles) | 30.7 | Member Trouble | 6% |
| Customer Count | 194 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 9/30/2011 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 74.63059 | Public | 13% |
| Reporting Year (SAIDI) | 274.86598 | ROW | 6% |
| Circuit 5 Year Average (SAIFI) | 0.90185 | Substation | 0% |
| Reporting Year (SAIFI) | 2.75258 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 13% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | High Point | Animal | 11% |
| Substation Number | 29 | Cut Out - Line or XFMR | 11% |
| Circuit Name | Carneal Rd | Human Error | 0% |
| Circuit Number | 2902 | Lightning | 0% |
| Circuit Location | Carneal Rd | Line Equipment | 47% |
| Total Circuit Length (Miles) | 27.9 | Member Trouble | 5% |
| Customer Count | 177 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 9/30/2011 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 68.53973 | Public | 0% |
| Reporting Year (SAIDI) | 129.42373 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 1.38665 | Substation | 0% |
| Reporting Year (SAIFI) | 2.76271 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 5% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 5% |
| | | Storm 05/30/2013 | 5% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 11% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|----------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Coleman Road | Animal | 100% |
| Substation Number | 30 | Cut Out - Line or XFMR | 0% |
| Circuit Name | Conrad Heights | Human Error | 0% |
| Circuit Number | 3002 | Lightning | 0% |
| Circuit Location | Conrad Heights | Line Equipment | 0% |
| Total Circuit Length (Miles) | 4.1 | Member Trouble | 0% |
| Customer Count | 45 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 6/24/2011 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 62.92190 | Public | 0% |
| Reporting Year (SAIDI) | 50.00000 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 0.65305 | Substation | 0% |
| Reporting Year (SAIFI) | 1.11111 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|-------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Ledbetter | Animal | 24% |
| Substation Number | 31 | Cut Out - Line or XFMR | 12% |
| Circuit Name | US 60 East | Human Error | 0% |
| Circuit Number | 3102 | Lightning | 6% |
| Circuit Location | US 60 East | Line Equipment | 29% |
| Total Circuit Length (Miles) | 52.8 | Member Trouble | 6% |
| Customer Count | 314 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 6/21/13 - 7/19/13 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 156.37238 | Public | 12% |
| Reporting Year (SAIDI) | 89.36306 | ROW | 6% |
| Circuit 5 Year Average (SAIFI) | 1.66872 | Substation | 0% |
| Reporting Year (SAIFI) | 2.73248 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 6% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Ledbetter | Animal | 12% |
| Substation Number | 31 | Cut Out - Line or XFMR | 24% |
| Circuit Name | Ledbetter | Human Error | 0% |
| Circuit Number | 3104 | Lightning | 0% |
| Circuit Location | Ledbetter | Line Equipment | 27% |
| Total Circuit Length (Miles) | 83.4 | Member Trouble | 0% |
| Customer Count | 1006 | OCR / Breaker | 3% |
| Date of Last Circuit Trim | 6/21/13 - 7/19/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 111.12142 | Public | 3% |
| Reporting Year (SAIDI) | 57.12227 | ROW | 9% |
| Circuit 5 Year Average (SAIFI) | 1.41833 | Substation | 0% |
| Reporting Year (SAIFI) | 1.56660 | Supplier | 0% |
| | | Transformer Malfunction | 15% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 3% |
| | | Unknown | 3% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software. **Note:** JPEC has a 2014 workplan project on this circuit converting a section of single phase line to 3 phase.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|---------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Smithland | Animal | 7% |
| Substation Number | 32 | Cut Out - Line or XFMR | 14% |
| Circuit Name | Smithland | Human Error | 0% |
| Circuit Number | 3201 | Lightning | 0% |
| Circuit Location | Smithland | Line Equipment | 21% |
| Total Circuit Length (Miles) | 45 | Member Trouble | 7% |
| Customer Count | 391 | OCR / Breaker | 7% |
| Date of Last Circuit Trim | 10/29/10 - 12/10/10 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 234.34872 | Public | 14% |
| Reporting Year (SAIDI) | 419.19949 | ROW | 7% |
| Circuit 5 Year Average (SAIFI) | 2.26987 | Substation | 0% |
| Reporting Year (SAIFI) | 3.61125 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 21% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|---------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Smithland | Animal | 3% |
| Substation Number | 32 | Cut Out - Line or XFMR | 21% |
| Circuit Name | Tiline | Human Error | 0% |
| Circuit Number | 3202 | Lightning | 0% |
| Circuit Location | Tiline | Line Equipment | 33% |
| Total Circuit Length (Miles) | 130.6 | Member Trouble | 6% |
| Customer Count | 530 | OCR / Breaker | 3% |
| Date of Last Circuit Trim | 10/29/10 - 12/10/10 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 262.31051 | Public | 6% |
| Reporting Year (SAIDI) | 988.38113 | ROW | 9% |
| Circuit 5 Year Average (SAIFI) | 2.51533 | Substation | 0% |
| Reporting Year (SAIFI) | 5.70000 | Supplier | 0% |
| | | Transformer Malfunction | 3% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 3% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 6% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 6% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|-----------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Little Union | Animal | 8% |
| Substation Number | 39 | Cut Out - Line or XFMR | 21% |
| Circuit Name | US 60 East-K O M | Human Error | 0% |
| Circuit Number | 3903 | Lightning | 0% |
| Circuit Location | US 60 East-K O M | Line Equipment | 42% |
| Total Circuit Length (Miles) | 22.3 | Member Trouble | 4% |
| Customer Count | 153 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 10/16/2013 - 12/28/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 212.20858 | Public | 0% |
| Reporting Year (SAIDI) | 199.95425 | ROW | 4% |
| Circuit 5 Year Average (SAIFI) | 2.33388 | Substation | 0% |
| Reporting Year (SAIFI) | 5.43137 | Supplier | 0% |
| | | Transformer Malfunction | 4% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 4% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 4% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 4% |
| | | Storm 06/01/2013 | 4% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-----------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Little Union | Animal | 21% |
| Substation Number | 39 | Cut Out - Line or XFMR | 13% |
| Circuit Name | Roy Lee Rd | Human Error | 0% |
| Circuit Number | 3904 | Lightning | 0% |
| Circuit Location | Roy Lee Rd | Line Equipment | 17% |
| Total Circuit Length (Miles) | 51.9 | Member Trouble | 8% |
| Customer Count | 265 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 10/16/2013 - 12/28/13 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 212.95211 | Public | 0% |
| Reporting Year (SAIDI) | 410.01132 | ROW | 17% |
| Circuit 5 Year Average (SAIFI) | 2.65453 | Substation | 0% |
| Reporting Year (SAIFI) | 2.66415 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 4% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 8% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 8% |
| | | Storm 05/30/2013 | 4% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Culp | Animal | 18% |
| Substation Number | 42 | Cut Out - Line or XFMR | 40% |
| Circuit Name | Proform | Human Error | 0% |
| Circuit Number | 4201 | Lightning | 8% |
| Circuit Location | Proform | Line Equipment | 15% |
| Total Circuit Length (Miles) | 32.8 | Member Trouble | 0% |
| Customer Count | 415 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 2/19/10 - 4/30/10 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 36.05951 | Public | 3% |
| Reporting Year (SAIDI) | 45.76627 | ROW | 8% |
| Circuit 5 Year Average (SAIFI) | 0.41841 | Substation | 0% |
| Reporting Year (SAIFI) | 0.85060 | Supplier | 0% |
| | | Transformer Malfunction | 5% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 5% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | New York | Animal | 27% |
| Substation Number | 47 | Cut Out - Line or XFMR | 7% |
| Circuit Name | US 286 East-Gage | Human Error | 0% |
| Circuit Number | 4702 | Lightning | 0% |
| Circuit Location | US 286 East-Gage | Line Equipment | 20% |
| Total Circuit Length (Miles) | 63.9 | Member Trouble | 7% |
| Customer Count | 258 | OCR / Breaker | 7% |
| Date of Last Circuit Trim | 10/19/12 - 1/4/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 99.05882 | Public | 13% |
| Reporting Year (SAIDI) | 141.03488 | ROW | 20% |
| Circuit 5 Year Average (SAIFI) | 1.16432 | Substation | 0% |
| Reporting Year (SAIFI) | 1.35659 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Lovellaceville | Animal | 0% |
| Substation Number | 49 | Cut Out - Line or XFMR | 0% |
| Circuit Name | Blandville | Human Error | 0% |
| Circuit Number | 4901 | Lightning | 0% |
| Circuit Location | Blandville | Line Equipment | 38% |
| Total Circuit Length (Miles) | 37.2 | Member Trouble | 13% |
| Customer Count | 131 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 12/2/11 - 1/27/12 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 55.18605 | Public | 0% |
| Reporting Year (SAIDI) | 246.97710 | ROW | 25% |
| Circuit 5 Year Average (SAIFI) | 0.65579 | Substation | 0% |
| Reporting Year (SAIFI) | 2.22137 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 13% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 13% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Lovellaceville | Animal | 9% |
| Substation Number | 49 | Cut Out - Line or XFMR | 7% |
| Circuit Name | Lovellaceville | Human Error | 0% |
| Circuit Number | 4902 | Lightning | 0% |
| Circuit Location | Lovellaceville | Line Equipment | 42% |
| Total Circuit Length (Miles) | 70 | Member Trouble | 0% |
| Customer Count | 496 | OCR / Breaker | 2% |
| Date of Last Circuit Trim | 12/2/11 - 1/27/12 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 104.34523 | Public | 7% |
| Reporting Year (SAIDI) | 115.75605 | ROW | 5% |
| Circuit 5 Year Average (SAIFI) | 1.18484 | Substation | 0% |
| Reporting Year (SAIFI) | 1.89718 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 2% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 2% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 2% |
| | | Storm 05/21/2013 | 12% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 5% |
| | | Storm 08/07/2013 | 5% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software. **Note:** JPEC has two work plan projects on this circuit to reconductor and convert 1 phase lines to 3 phase lines

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|--------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Krebs Station Road | Animal | 14% |
| Substation Number | 50 | Cut Out - Line or XFMR | 27% |
| Circuit Name | Browns Plating | Human Error | 0% |
| Circuit Number | 5001 | Lightning | 0% |
| Circuit Location | Browns Plating | Line Equipment | 14% |
| Total Circuit Length (Miles) | 49.9 | Member Trouble | 9% |
| Customer Count | 505 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 3/29/13 - 4/19/13 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 142.77278 | Public | 9% |
| Reporting Year (SAIDI) | 237.69703 | ROW | 9% |
| Circuit 5 Year Average (SAIFI) | 1.77644 | Substation | 0% |
| Reporting Year (SAIFI) | 2.63762 | Supplier | 9% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 9% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|--------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Krebs Station Road | Animal | 15% |
| Substation Number | 50 | Cut Out - Line or XFMR | 29% |
| Circuit Name | Old US 45 | Human Error | 0% |
| Circuit Number | 5002 | Lightning | 3% |
| Circuit Location | Old US 45 | Line Equipment | 24% |
| Total Circuit Length (Miles) | 105.1 | Member Trouble | 5% |
| Customer Count | 845 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 3/29/13 - 4/19/13 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 65.64356 | Public | 2% |
| Reporting Year (SAIDI) | 501.11006 | ROW | 8% |
| Circuit 5 Year Average (SAIFI) | 0.70877 | Substation | 0% |
| Reporting Year (SAIFI) | 3.37988 | Supplier | 2% |
| | | Transformer Malfunction | 3% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 2% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 2% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 3% |
| | | Storm 08/07/2013 | 2% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 2% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|---------------------------------------|--------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Krebs Station Road | Animal | 24% |
| Substation Number | 50 | Cut Out - Line or XFMR | 17% |
| Circuit Name | Clinton Road | Human Error | 0% |
| Circuit Number | 5003 | Lightning | 7% |
| Circuit Location | Clinton Road | Line Equipment | 26% |
| Total Circuit Length (Miles) | 90.2 | Member Trouble | 4% |
| Customer Count | 788 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 3/29/13 - 4/19/13 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 130.53570 | Public | 2% |
| Reporting Year (SAIDI) | 120.67640 | ROW | 2% |
| Circuit 5 Year Average (SAIFI) | 1.24622 | Substation | 0% |
| Reporting Year (SAIFI) | 1.30076 | Supplier | 2% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 4% |
| | | Storm 05/30/2013 | 7% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 4% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Kansas | Animal | 31% |
| Substation Number | 61 | Cut Out - Line or XFMR | 15% |
| Circuit Name | US 45-Folsomdale | Human Error | 0% |
| Circuit Number | 6102 | Lightning | 8% |
| Circuit Location | US 45-Folsomdale | Line Equipment | 15% |
| Total Circuit Length (Miles) | 105.1 | Member Trouble | 0% |
| Customer Count | 218 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 6/22/12 - 8/24/12 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 56.04904 | Public | 0% |
| Reporting Year (SAIDI) | 206.26606 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 0.44801 | Substation | 0% |
| Reporting Year (SAIFI) | 1.45413 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 8% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 8% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 8% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 8% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software. **Note:** JPEC has one project to reconductor and replace 1 phase to 3 phase.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------|--------------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Kansas | Animal | 10% |
| Substation Number | 61 | Cut Out - Line or XFMR | 13% |
| Circuit Name | Melber | Human Error | 0% |
| Circuit Number | 6103 | Lightning | 10% |
| Circuit Location | Melber | Line Equipment | 45% |
| Total Circuit Length (Miles) | 76.9 | Member Trouble | 0% |
| Customer Count | 508 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 6/22/12 - 8/24/12 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 57.15170 | Public | 0% |
| Reporting Year (SAIDI) | 219.43701 | ROW | 6% |
| Circuit 5 Year Average (SAIFI) | 0.76351 | Substation | 0% |
| Reporting Year (SAIFI) | 1.56496 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 13% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 3% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Draffenville | Animal | 5% |
| Substation Number | 66 | Cut Out - Line or XFMR | 11% |
| Circuit Name | Draffenville | Human Error | 0% |
| Circuit Number | 6601 | Lightning | 21% |
| Circuit Location | Draffenville | Line Equipment | 37% |
| Total Circuit Length (Miles) | 42.8 | Member Trouble | 11% |
| Customer Count | 461 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 4/1/10 - 5/30/10 | Planned | 0% |
| Circuit 5 Year Average (SAIDI) | 147.43840 | Public | 11% |
| Reporting Year (SAIDI) | 124.46204 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 1.41710 | Substation | 0% |
| Reporting Year (SAIFI) | 1.72017 | Supplier | 0% |
| | | Transformer Malfunction | 5% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Strawberry Hill | Animal | 13% |
| Substation Number | 77 | Cut Out - Line or XFMR | 22% |
| Circuit Name | --Jas Sanders-Botom Cir | Human Error | 0% |
| Circuit Number | 7705 | Lightning | 0% |
| Circuit Location | Strawberry Hill | Line Equipment | 35% |
| Total Circuit Length (Miles) | 32.8 | Member Trouble | 4% |
| Customer Count | 415 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 6/24/2011 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 227.95290 | Public | 0% |
| Reporting Year (SAIDI) | 262.28193 | ROW | 13% |
| Circuit 5 Year Average (SAIFI) | 3.38560 | Substation | 0% |
| Reporting Year (SAIFI) | 3.14458 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 4% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 9% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| | | Total | 100% |

Corrective Action Plan

At this time JPEC does not have plans to address any specific item(s) in this report. Newly installed OMS software will enable JPEC to track outage locations to better determine if outages are random or localized and reproducible. This will help JPEC and their crews focus on fixing the root cause or highlight system improvement projects that lie outside the normal yearly work plan projects defined by Engineering and Operations with the help of system analysis software.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|-------------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Maxon | Animal | 0% |
| Substation Number | 79 | Cut Out - Line or XFMR | 0% |
| Circuit Name | Meredith Rd | Human Error | 0% |
| Circuit Number | 7914 | Lightning | 0% |
| Circuit Location | Meredith Rd | Line Equipment | 100% |
| Total Circuit Length (Miles) | 2.9 | Member Trouble | 0% |
| Customer Count | 9 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 1/0/1900 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 0.00000 | Public | 0% |
| Reporting Year (SAIDI) | 127.66667 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 0.00000 | Substation | 0% |
| Reporting Year (SAIFI) | 1.00000 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| Corrective Action Plan | | Total | 100% |

This is a brand new circuit and substation, so these readings are baseline.

Section 5 Circuit Reporting

| | | Outage Causes | |
|--------------------------------|----------|-------------------------|----------------|
| | | Cause | Percentage (%) |
| Substation Name | Maxon | Animal | 21% |
| Substation Number | 79 | Cut Out - Line or XFMR | 21% |
| Circuit Name | Maxon Rd | Human Error | 0% |
| Circuit Number | 7924 | Lightning | 7% |
| Circuit Location | Maxon Rd | Line Equipment | 50% |
| Total Circuit Length (Miles) | 39.9 | Member Trouble | 0% |
| Customer Count | 435 | OCR / Breaker | 0% |
| Date of Last Circuit Trim | 1/0/1900 | Planned | 0% |
| Circuit 5 Year Average (SADI) | 0.00000 | Public | 0% |
| Reporting Year (SAIDI) | 25.73563 | ROW | 0% |
| Circuit 5 Year Average (SAIFI) | 0.00000 | Substation | 0% |
| Reporting Year (SAIFI) | 0.25057 | Supplier | 0% |
| | | Transformer Malfunction | 0% |
| | | Wire Primary | 0% |
| | | Wire Secondary | 0% |
| | | Unknown | 0% |
| | | Weather | 0% |
| | | Storm 01/12/2013 | 0% |
| | | Storm 01/29/2013 | 0% |
| | | Storm 03/18/2013 | 0% |
| | | Storm 05/21/2013 | 0% |
| | | Storm 05/30/2013 | 0% |
| | | Storm 06/01/2013 | 0% |
| | | Storm 08/07/2013 | 0% |
| | | Storm 08/09/2013 | 0% |
| | | Storm 10/31/2013 | 0% |
| | | Storm 11/17/2013 | 0% |
| Corrective Action Plan | | Total | 100% |

This is a brand new circuit and substation, so these readings are baseline.