



Empire District Electric Co.
Electric Utility System Reliability
Monitoring and Reporting Submission Requirements –
Annual Reliability Report
4 CSR 240-23.010

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Introduction

This report details Empire District Electric Company's (Empire) annual reliability metrics and worst performing circuits for calendar year 2014 as required by Missouri Public Service Commission Rule 4 CSR 240-23.010, Electric Utility System Reliability Monitoring and Reporting Submission Requirements. This report will provide the reliability measures requested by the Rule, the list of Worst Performing Circuits (WPCs), the Multi-Year Worst Performing Circuits, and the actions taken or planned to improve the performance of these circuits.

Definitions

For the purpose of this report, the following definitions shall apply:

1. System Average Interruption Frequency Index (SAIFI) – how often the average customer experiences a sustained interruption over a predefined period of time.
2. Customer Average Interruption Frequency Index (CAIFI) – the average frequency of sustained interruptions for those customers experiencing sustained interruptions. The customer is counted once regardless of the number of times interrupted for this calculation.
3. System Average Interruption Duration Index (SAIDI) – the total duration of interruption for the average customer during a predefined period of time. SAIDI is measured in minutes.
4. Customer Average Interruption Duration Index (CAIDI) – the average time required to restore service. CAIDI is measured in minutes.
5. Worst Performing Circuit (WPC) – A distribution circuit whose SAIFI value, adjusted to exclude major events per IEEE Standard 1366-2003, when compared to the SAIFI values for the other circuits in the Empire system places it among the 5% of circuits with the highest SAIFI values in the Empire system.



2014 Multi-Year Worst Performing Circuits

Empire has identified four multi-year worst performing circuits in accordance with 4 CSR 240-23.010(8). To improve the performance of the circuits, Empire adopted a corrective action plan that includes the following activities:

- Empire employees perform a “walk-through” of the worst performing circuit collecting engineering data to support the following coordination study and sectionalizing program. Visually identifiable defects are noted and corrected as part of the corrective action plan.
- Upon walk-through completion, a coordination study of the circuit occurs. The coordination study evaluates protective equipment settings and application to ensure each protective device properly operates with other upstream and downstream protective equipment. Additional sectionalizing is then added to the circuit to reduce the number of customers experiencing an outage, in the event an outage occurs, thus increasing reliability to other customers on the circuit. Faulted circuit indicators are also added to the circuit to reduce restoration time and shorten customer outage duration.
- In addition to the coordination study and sectionalizing program, any vegetation related issues identified are scheduled to be cleared for each circuit.

The multi-year worst performing circuits are indicated in the chart below and are ranked according to their 2014 SAIFI value. A more detailed list of each circuit’s corrective action will follow.

Multi-Year Worst Performing Circuits SAIFI 2012 - 2014				
Location	Circuit Number	2014	2013	2012
Granby - North	3471	4.799	4.564	-
Neosho - West	5603	3.704	-	5.003
Gateway Drive	1265	3.576	3.256	-
Joplin - Atlas Junction	1091	3.375	5.779	4.059



Circuit: 3471

Area Served: Granby, Missouri

2014 SAIFI: 4.799

2013 SAIFI: 4.564

This circuit received a visual inspection in 2010 and a comprehensive intrusive inspection in 2014. This circuit is also scheduled to receive an infrared inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

In 2014, Empire installed additional transmission breakers at substation #131 – Diamond which is the radial transmission source for substation #347 – Granby. The project significantly reduces the transmission exposure for the source to Granby and will improve the momentary and sustained interruption performance for all distribution circuits served by the Granby substation, including circuit 3471. During the construction of this project, the system was reconfigured which resulted in a temporary decrease in transmission and distribution reliability. Circuit 3471 was also temporarily configured to serve additional customers normally served by circuit 1311. The construction configuration added circuit exposure to 3471.

A coordination study and sectionalizing corrective action program for circuit 3471 is scheduled to be completed in 2015.

**Circuit: 5603****Area Served: Neosho, Missouri****2014 SAIFI: 3.704****2012 SAIFI: 5.003**

This circuit received an infrared inspection in 2014 and is scheduled for an intrusive inspection in 2019. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2017.

Transmission breakers were installed at substation #56 – Neosho West in 2014. The addition of breakers will improve the momentary and sustained interruption performance for all distribution circuits served by the substation, including circuit 5603.

Circuit 5603 was scheduled for a circuit sectionalization and coordination project in 2013 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 5603 was selected for mitigation due to its SAIFI performance during 2012 and construction was completed in 2013. The full benefits of this project have not been demonstrated in each of the worst performing circuit multi-year analysis due to the construction timing.

Empire will continue to monitor the performance of circuit 5603 and evaluate cost effective solutions to further improve service reliability.

Circuit: 1265**Area Served: Joplin, Missouri****2014 SAIFI: 3.576****2013 SAIFI: 3.256**

This circuit received a comprehensive intrusive inspection in 2011 and a visual inspection in 2012. An infrared inspection is scheduled in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

Circuit 1265 was scheduled for a circuit sectionalization and coordination project in 2013 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 1265 was selected for mitigation due to its SAIFI performance during 2011 and construction was completed in 2013. The full benefits of this project have not been demonstrated in each year of the worst performing circuit multi-year analysis due to the construction timing.

Empire will continue to monitor the performance of circuit 1265 and evaluate cost effective solutions to further improve service reliability.

**Circuit: 1091****Area Served: Joplin, Missouri****2014 SAIFI: 4.978****2013 SAIFI: 5.779****2012 SAIFI: 4.059**

Circuit 1091 has been a worst performing circuit for the previous three years. Empire has made efforts each year to improve the performance of this circuit and will continue to evaluate cost effective solutions to further improve service reliability. A summary of the completed remediation activities are listed below:

- Circuit 1091 was scheduled for a circuit sectionalization and coordination project in 2012 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 1091 was selected for mitigation due to its SAIFI performance during 2011 and construction was completed in 2012. Circuit 1091 was permanently reconfigured in 2013 to improve the service reliability for the town of Duenweg. Approximately 78 miles of circuit exposure was shifted from circuit 1091 to a reconfigured 1092 circuit. The modification reduced the total circuit exposure to 22 miles from the previous 100 miles.
- Vegetation clearing was performed in 2014 as part of Empire's routine vegetation management program and is scheduled again for 2017.
- Circuit 1091 received an overhead intrusive inspection in 2012, an overhead detail inspection in 2012, and an underground detail inspection in 2011. This circuit is also scheduled to receive a visual patrol inspection in 2017. The repair work identified as a result of the inspections was completed in accordance with Empire's infrastructure inspection policy.

Circuit 1091 experienced multiple substation breaker interruptions in 2014. During the course of these events, it was discovered the substation breaker was not properly reclosing to restore power after a momentary interruption. A protective relay utilizing an A/C power source experienced a voltage sag during each interruption and was unable to perform its necessary function. This error caused momentary interruptions to result in sustained interruptions. To address this issue, Empire will replace the existing protective relay and utilize a DC power source to correct the voltage sag issue. Additionally, the existing substation breaker will be replaced due to its age and expense in obtaining unsupported parts. Work is scheduled for completion by June 30, 2014.

Empire will continue to monitor the performance of circuit 1091 and evaluate cost effective solutions to further improve service reliability.



2014 Worst Performing Circuits

The table below lists the 2014 Worst Performing Circuits ranked according to their SAIFI value. A more detailed list of each circuit's corrective action will follow.

Worst Performing Circuits - System 2014 Measured by SAIFI										
Location	Circuit Number	Number Of Outages	Outage Hours Reported	Customer Outage Minutes	Customers Affected	Total Cust On Affected Circuits	AREA	SAIFI	SAIDI	CAIDI
Joplin - Atlas Junction	1094	50	97.92	323755	6091	1224.00	215	4.978	264.58	53.15
Granby - North	3471	52	78.32	296552	2950	615.00	216	4.799	482.39	100.53
Republic - East	3592	41	50.77	926064	7783	1722.00	211	4.520	537.82	118.99
Noel City	4431	95	118.36	463883	6069	1353.00	216	4.484	342.77	76.43
Neosho - Rocketdyne 69 KV	2961	23	43.74	261920	2888	645.00	216	4.478	406.08	90.69
Branson - Southwest	4131	7	10.15	90471	830	197.00	209	4.220	460.02	109.00
Joplin - Northeast	1285	18	29.38	430881	4489	1084.00	214	4.142	397.57	95.99
Aurora - West	3551	17	25.37	370449	4108	1029.00	211	3.993	360.10	90.18
Joplin - 26th Street	5902	45	157.38	449977	3995	1008.00	214	3.965	446.60	112.64
Willard	3692	8	15.77	197085	1525	407.00	217	3.751	484.75	129.24
Neosho - West	5603	48	64.01	489709	4721	1275.00	216	3.704	384.20	103.73
Gateway Drive	1265	25	23.08	485389	4573	1279.00	214	3.576	379.54	106.14
Forsyth - North	4102	23	39.73	358152	3068	903.00	209	3.396	396.46	116.74
Joplin - Atlas Junction	1091	21	30.60	136539	2388	708.00	215	3.375	192.96	57.18

Circuit: 1094

Area Served: Joplin, Missouri

SAIFI: 4.978

This circuit received an infrared inspection in 2014 and a comprehensive intrusive inspection in 2013. This circuit is scheduled to receive a visual inspection in 2018. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program is scheduled to be completed in 2016.



Circuit: 3471
Area Served: Granby, Missouri
2014 SAIFI: 4.799

This circuit received a visual inspection in 2010 and a comprehensive intrusive inspection in 2014. This circuit is scheduled to receive an infrared inspection in 2016 and comprehensive intrusive inspection in 2026. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

Circuit: 3592
Area Served: Republic, Missouri
SAIFI: 4.520

This circuit received a visual inspection in 2012. This circuit is scheduled to receive a comprehensive intrusive inspection in 2015 and an infrared inspection in 2018. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2012 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program was completed in 2012.

Circuit: 4431
Area Served: Noel, Missouri
SAIFI: 4.484

This circuit received a visual inspection in 2011. This circuit is scheduled to receive an infrared inspection in 2017 comprehensive intrusive inspection in 2018. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

A coordination study and sectionalizing corrective action program was performed in 2013.



Circuit: 2961
Area Served: Neosho, Missouri
SAIFI: 4.478

This circuit received a visual inspection in 2012 and a comprehensive intrusive inspection in 2011. This circuit is scheduled to receive an infrared inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program was performed in 2014.

Circuit: 4131
Area Served: Branson, Missouri
SAIFI: 4.220

This circuit received a visual inspection in 2012. This circuit is scheduled to receive an infrared inspection in 2016 and a comprehensive intrusive inspection in 2017. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

A coordination study and sectionalizing corrective action program is scheduled for completion in 2016.

Circuit: 1285
Area Served: Joplin, Missouri
SAIFI: 4.142

This circuit received a comprehensive intrusive inspection in 2013 and an infrared inspection in 2013. This circuit is scheduled to receive a visual inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program was performed in 2014.



Circuit: 3551
Area Served: Aurora, Missouri
SAIFI: 3.993

This circuit received a comprehensive intrusive inspection in 2014, a visual inspection in 2012, and is scheduled to receive an infrared inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

A coordination study and sectionalizing corrective action program is scheduled to be completed in 2016.

Circuit: 5902
Area Served: Joplin, Missouri
SAIFI: 3.965

This circuit is scheduled to receive an infrared inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program is scheduled to be completed in 2015.

Circuit: 3692
Area Served: Willard, Missouri
SAIFI: 3.751

This circuit received a comprehensive intrusive inspection in 2012 and an infrared inspection in 2010. This circuit is scheduled to receive a visual inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2016.

A coordination study and sectionalizing corrective action program is scheduled to be completed in 2016.

**Circuit: 5603****Area Served: Neosho, Missouri****2014 SAIFI: 3.704**

This circuit received an infrared inspection in 2014. A comprehensive intrusive inspection is scheduled in 2019 and a visual inspection in 2020. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2014 and is scheduled again for 2017.

Transmission breakers were installed at substation #56 – Neosho West in 2014. The addition of breakers will improve the momentary and sustained interruption performance for all distribution circuits served by the substation, including circuit 5603.

Circuit 5603 was scheduled for a circuit sectionalization and coordination project in 2013 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 5603 was selected for mitigation due to its SAIFI performance during 2012 and construction was completed in 2013. The full benefits of this project have not been demonstrated in each of the worst performing circuit multi-year analysis due to the construction timing.

Circuit: 1265**Area Served: Joplin, Missouri****2014 SAIFI: 3.576**

This circuit received a comprehensive intrusive inspection in 2011, a visual inspection in 2012, and an infrared inspection in 2016. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

Circuit 1265 was scheduled for a circuit sectionalization and coordination project in 2013 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 1265 was selected for mitigation due to its SAIFI performance during 2011 and construction was completed in 2013. The full benefits of this project have not been demonstrated in each year of the worst performing circuit multi-year analysis due to the construction timing.

**Circuit: 4102****Area Served: Forsyth, Missouri****SAIFI: 3.396**

This circuit received a visual inspection in 2011. An infrared inspection is scheduled for 2015, a comprehensive intrusive inspection is scheduled for 2016, and a visual inspection scheduled for 2019. The repair work identified as a result of the inspections will be completed in accordance with Empire's infrastructure inspection policy.

Vegetation clearing was performed in 2013 and is scheduled again for 2015.

Circuit: 1091**Area Served: Joplin, Missouri****2014 SAIFI: 4.978**

Circuit 1091 has been a worst performing circuit for the previous three years. Empire has made efforts each year to improve the performance of this circuit and will continue to evaluate cost effective solutions to further improve service reliability. A summary of the completed remediation activities are listed below:

- Circuit 1091 was scheduled for a circuit sectionalization and coordination project in 2012 as a result of Empire's ongoing Worst Performing Circuit mitigation program. Circuit 1091 was selected for mitigation due to its SAIFI performance during 2011 and construction was completed in 2012.
- Circuit 1091 was permanently reconfigured in 2013 to improve the service reliability for the town of Duenweg. Approximately 78 miles of circuit exposure was shifted from circuit 1091 to a reconfigured 1092 circuit. The modification reduced the total circuit exposure to 22 miles from the previous 100 miles.
- Vegetation clearing was performed in 2014 as part of Empire's routine vegetation management program and is scheduled again for 2017.
- Circuit 1091 received an overhead intrusive inspection in 2012, an overhead detail inspection in 2012, and an underground detail inspection in 2011. This circuit is scheduled to receive a visual patrol inspection in 2017. The repair work identified as a result of the inspections was completed in accordance with Empire's infrastructure inspection policy.

Circuit 1091 experienced multiple substation breaker interruptions in 2014. During the course of these events, it was discovered the substation breaker was not properly reclosing to restore power after a momentary interruption. A protective relay utilizing an A/C power source experienced a voltage sag during each interruption and was unable to perform its necessary function. This error caused momentary interruptions to result in sustained interruptions. To address this issue, Empire will replace the existing protective relay and utilize a DC power source to correct the voltage sag issue. Additionally, the existing substation breaker will be replaced due to its age and expense in obtaining unsupported parts. Work is scheduled for completion by June 30, 2014.

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
1/1/2014 to 1/31/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	5	12.30	89	7,423	1,493	0.060	83.40	4.97	1.023	0.99989
1051	3	4.37	570	62,901	1,065	0.535	110.35	59.06	1.298	0.99868
1052	1	0.30	1	18	289	0.003	18.00	0.06	1.000	0.99999
1082	2	2.67	2	160	1,298	0.002	80.00	0.12	1.000	0.99999
1091	2	2.43	14	1,027	706	0.020	73.36	1.45	2.000	0.99997
1092	5	9.21	39	1,144	937	0.042	29.33	1.22	1.026	0.99997
1093	1	1.28	229	17,774	229	1.000	77.62	77.62	1.000	0.99826
1094	9	14.51	1,471	121,353	1,219	1.207	82.50	99.55	1.670	0.99777
1101	1	0.45	1	27	971	0.001	27.00	0.03	1.000	0.99999
1102	1	1.15	3	207	457	0.007	69.00	0.45	1.000	0.99999
1142	1	0.77	215	10,036	215	1.000	46.68	46.68	1.000	0.99895
1211	4	0.76	4	45	1,473	0.003	11.25	0.03	1.000	0.99999
1230	4	7.31	1,184	107,642	1,181	1.003	90.91	91.14	1.003	0.99796
1232	2	3.73	1,129	102,923	1,175	0.961	91.16	87.59	1.008	0.99804
1233	1	1.50	638	58,036	638	1.000	90.97	90.97	1.000	0.99796
1241	2	1.90	25	1,388	836	0.030	55.52	1.66	1.000	0.99996
1243	6	4.87	286	23,039	1,191	0.240	80.56	19.34	1.048	0.99957

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1265	1	0.75	98	4,445	1,275	0.077	45.36	3.49	1.000	0.99992
1271	1	2.07	1	124	936	0.001	124.00	0.13	1.000	0.99999
1273	1	1.72	2	207	863	0.002	103.50	0.24	1.000	0.99999
1281	1	1.48	116	10,387	116	1.000	89.54	89.54	1.000	0.99799
1282	1	1.52	923	84,669	923	1.000	91.73	91.73	1.000	0.99795
1283	1	1.48	361	32,201	361	1.000	89.20	89.20	1.000	0.99800
1284	3	5.27	1,062	89,595	857	1.239	84.36	104.54	1.221	0.99766
1285	3	2.47	1,326	101,702	1,081	1.227	76.70	94.08	1.227	0.99789
1312	5	8.91	920	217,862	916	1.004	236.81	237.84	1.004	0.99467
1453	2	4.97	10	2,299	1,788	0.006	229.90	1.29	1.000	0.99997
1521	2	0.93	355	8,586	354	1.003	24.19	24.25	1.003	0.99946
1522	2	4.31	101	2,841	100	1.010	28.13	28.41	1.010	0.99936
1523	1	0.42	711	18,414	710	1.001	25.90	25.94	1.000	0.99942
2051	1	1.80	1	108	160	0.006	108.00	0.68	1.000	0.99998
2091	1	1.25	1	75	872	0.001	75.00	0.09	1.000	0.99999
2211	1	3.98	1	239	720	0.001	239.00	0.33	1.000	0.99999
2621	2	3.58	2	215	1,144	0.002	107.50	0.19	1.000	0.99999
2951	4	6.49	4	389	1,373	0.003	97.25	0.28	1.000	0.99999
3121	6	9.96	179	21,739	1,119	0.160	121.45	19.43	1.261	0.99956
3122	1	1.70	1	102	845	0.001	102.00	0.12	1.000	0.99999
3123	3	3.18	103	6,436	1,029	0.100	62.49	6.25	1.010	0.99986
3181	2	3.05	6	642	716	0.008	107.00	0.90	1.000	0.99998

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CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3221	4	8.38	1,231	93,428	1,228	1.002	75.90	76.08	1.002	0.99830
3222	3	5.85	762	58,098	760	1.003	76.24	76.44	1.003	0.99829
3302	2	2.52	76	5,748	868	0.088	75.63	6.62	1.027	0.99985
3311	1	1.42	1	85	529	0.002	85.00	0.16	1.000	0.99999
3314	1	0.45	19	526	222	0.086	27.68	2.37	1.000	0.99995
3315	1	0.57	13	448	1,565	0.008	34.46	0.29	1.000	0.99999
3472	1	0.40	8	197	1,560	0.005	24.63	0.13	1.000	0.99999
3551	1	0.90	13	707	1,013	0.013	54.38	0.70	1.000	0.99998
3593	1	5.42	20	6,509	933	0.021	325.45	6.98	1.000	0.99984
3661	2	3.55	12	1,081	1,010	0.012	90.08	1.07	1.000	0.99998
3663	1	2.55	30	4,601	774	0.039	153.37	5.94	1.000	0.99987
3671	3	3.26	93	6,136	884	0.105	65.98	6.94	1.011	0.99984
3672	1	1.43	25	2,160	137	0.182	86.40	15.77	1.000	0.99965
3691	1	2.63	1	158	1,145	0.001	158.00	0.14	1.000	0.99999
3692	1	1.97	405	47,931	404	1.002	118.35	118.64	1.000	0.99734
3694	1	0.80	1	48	1,246	0.001	48.00	0.04	1.000	0.99999
3701	1	0.95	1	57	477	0.002	57.00	0.12	1.000	0.99999
3702	1	0.78	1	47	600	0.002	47.00	0.08	1.000	0.99999
3751	2	2.20	13	1,118	868	0.015	86.00	1.29	1.000	0.99997
3871	4	7.52	4	451	1,380	0.003	112.75	0.33	1.000	0.99999
3872	2	2.73	16	1,176	1,066	0.015	73.50	1.10	1.000	0.99998
3891	2	2.00	39	2,525	433	0.090	64.74	5.83	1.000	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3893	1	0.47	1	28	1,091	0.001	28.00	0.03	1.000	0.99999
3901	2	2.75	2	165	870	0.002	82.50	0.19	1.000	0.99999
3914	1	2.13	1	128	661	0.002	128.00	0.19	1.000	0.99999
3951	1	2.33	1	140	904	0.001	140.00	0.15	1.000	0.99999
3952	4	5.91	29	1,229	1,236	0.023	42.38	0.99	1.000	0.99998
3981	7	11.02	43	3,898	1,491	0.029	90.65	2.61	1.024	0.99994
3982	2	1.18	50	2,025	1,753	0.029	40.50	1.16	1.000	0.99997
3991	2	1.47	2	88	718	0.003	44.00	0.12	1.000	0.99999
3992	2	6.55	11	2,176	164	0.067	197.82	13.27	1.000	0.99970
403	1	1.68	1	101	263	0.004	101.00	0.38	1.000	0.99999
4031	1	0.85	22	1,140	689	0.032	51.82	1.65	1.000	0.99996
407	1	1.22	335	24,756	102	3.284	73.90	242.71	1.000	0.99456
4091	4	12.31	1,143	51,444	1,140	1.003	45.01	45.13	1.003	0.99899
4092	4	3.64	95	6,153	421	0.226	64.77	14.62	1.033	0.99967
4101	2	2.02	26	1,569	578	0.045	60.35	2.71	1.000	0.99994
4102	1	0.93	1	56	900	0.001	56.00	0.06	1.000	0.99999
4132	2	3.32	2	199	568	0.004	99.50	0.35	1.000	0.99999
4136	2	2.58	3	227	656	0.005	75.67	0.35	1.500	0.99999
4154	2	3.83	2	230	1,142	0.002	115.00	0.20	1.000	0.99999
4155	2	4.98	42	5,536	2,061	0.020	131.81	2.69	1.000	0.99994
4171	1	1.40	1	84	675	0.001	84.00	0.12	1.000	0.99999
4172	1	1.40	1,686	142,158	1,680	1.004	84.32	84.62	1.000	0.99810

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4181	1	3.07	81	14,983	482	0.168	184.98	31.09	1.000	0.99930
4182	3	6.51	12	1,309	1,004	0.012	109.08	1.30	1.000	0.99997
4211	1	1.15	7	489	673	0.010	69.86	0.73	1.000	0.99998
4212	3	4.13	21	1,691	802	0.026	80.52	2.11	1.000	0.99995
4221	1	2.38	1	143	479	0.002	143.00	0.30	1.000	0.99999
4222	3	2.57	10	571	998	0.010	57.10	0.57	1.000	0.99999
4223	1	2.53	1	152	558	0.002	152.00	0.27	1.000	0.99999
4224	2	2.93	57	2,321	755	0.075	40.72	3.07	1.018	0.99993
4302	1	2.38	1	143	645	0.002	143.00	0.22	1.000	0.99999
4311	1	0.72	7	305	1,155	0.006	43.57	0.26	1.000	0.99999
4312	1	1.28	1	77	832	0.001	77.00	0.09	1.000	0.99999
4313	4	8.15	103	9,316	315	0.327	90.45	29.57	1.051	0.99934
432	1	1.50	91	8,203	91	1.000	90.14	90.14	1.000	0.99798
4324	3	1.88	3	113	1,200	0.003	37.67	0.09	1.000	0.99999
433	1	1.37	78	6,450	78	1.000	82.69	82.69	1.000	0.99815
4331	1	0.90	298	16,335	298	1.000	54.82	54.82	1.000	0.99877
4341	1	0.83	8	407	1,745	0.005	50.88	0.23	1.000	0.99999
4342	8	10.96	1,760	512,569	1,725	1.020	291.23	297.14	1.020	0.99334
4361	1	0.93	1,635	91,941	1,635	1.000	56.23	56.23	1.000	0.99874
4362	1	3.02	1	181	818	0.001	181.00	0.22	1.000	0.99999
4363	5	11.08	1,586	198,451	1,585	1.001	125.13	125.21	2.149	0.99720
4371	1	2.08	75	9,337	1,527	0.049	124.49	6.11	1.000	0.99986

HIGHLY CONFIDENTIAL										
CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4373	28	13.11	63	1,955	748	0.084	31.03	2.61	1.033	0.99994
4381	2	6.16	193	39,309	315	0.613	203.67	124.79	1.005	0.99720
4385	2	2.55	1,101	133,114	1,108	0.994	120.90	120.14	1.001	0.99731
4431	26	11.26	611	14,661	1,353	0.452	24.00	10.84	1.036	0.99976
4476	1	3.27	27	5,318	27	1.000	196.96	196.96	1.000	0.99559
4511	2	1.82	88	6,597	1,120	0.079	74.97	5.89	1.000	0.99987
4512	3	4.75	157	12,973	942	0.167	82.63	13.77	1.725	0.99969
4513	3	4.58	20	1,830	623	0.032	91.50	2.94	1.538	0.99993
455	1	1.48	260	23,330	113	2.301	89.73	206.46	1.000	0.99537
5601	5	6.95	139	16,579	1,152	0.121	119.27	14.39	1.030	0.99968
5905	1	1.22	33	2,438	1,833	0.018	73.88	1.33	1.000	0.99997
6024	1	0.35	10	216	388	0.026	21.60	0.56	1.000	0.99999
6141	1	0.28	9	154	624	0.014	17.11	0.25	1.000	0.99999
6143	1	0.92	1	55	369	0.003	55.00	0.15	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	300	404.10	27,016	2,729,201	160,552	0.168	101.02	17.00	1.091	0.99962

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
2/1/2014 to 2/28/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1082	4	5.97	25	2,142	1,298	0.019	85.68	1.65	1.042	0.99996
1091	2	1.32	707	22,463	706	1.001	31.77	31.82	1.001	0.99921
1092	3	4.22	938	97,057	937	1.001	103.47	103.58	1.334	0.99743
1093	4	2.98	460	18,381	229	2.009	39.96	80.27	2.009	0.99801
1094	2	5.15	1,228	58,872	1,219	1.007	47.94	48.30	1.007	0.99880
1102	1	1.18	1	71	457	0.002	71.00	0.16	1.000	0.99999
1141	1	1.23	1	74	900	0.001	74.00	0.08	1.000	0.99999
1142	1	0.97	1	58	215	0.005	58.00	0.27	1.000	0.99999
1213	1	0.77	21	971	541	0.039	46.24	1.79	1.000	0.99996
1230	1	0.83	42	2,102	1,181	0.036	50.05	1.78	1.000	0.99996
1232	3	6.23	12	1,773	1,175	0.010	147.75	1.51	1.000	0.99996
1241	1	2.88	4	692	836	0.005	173.00	0.83	1.000	0.99998
1263	4	3.60	21	1,033	1,115	0.019	49.19	0.93	1.105	0.99998
1265	1	0.38	1	23	1,275	0.001	23.00	0.02	1.000	0.99999
1271	1	0.42	1	25	936	0.001	25.00	0.03	1.000	0.99999
1282	1	0.85	1	51	923	0.001	51.00	0.06	1.000	0.99999
1284	1	1.20	870	63,480	857	1.015	72.97	74.07	1.000	0.99816

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1285	5	9.76	2,162	218,781	1,081	2.000	101.19	202.39	2.000	0.99498
1311	1	2.48	1	149	267	0.004	149.00	0.56	1.000	0.99999
1454	1	0.75	1	45	924	0.001	45.00	0.05	1.000	0.99999
1455	1	1.77	1	106	363	0.003	106.00	0.29	1.000	0.99999
1521	1	1.38	52	4,263	354	0.147	81.98	12.04	1.000	0.99970
1523	1	1.35	7	571	710	0.010	81.57	0.80	1.000	0.99998
1841	1	5.60	137	46,164	628	0.218	336.96	73.51	1.000	0.99818
2091	4	5.99	17	1,363	872	0.019	80.18	1.56	1.000	0.99996
2211	2	1.16	9	338	720	0.013	37.56	0.47	1.000	0.99999
2212	1	4.58	50	13,770	1,268	0.039	275.40	10.86	1.000	0.99973
2511	2	3.51	6	627	613	0.010	104.50	1.02	1.000	0.99997
2621	1	0.87	1	52	1,144	0.001	52.00	0.05	1.000	0.99999
2921	1	1.82	123	13,458	408	0.301	109.41	32.99	1.000	0.99918
2951	3	1.87	7	394	1,373	0.005	56.29	0.29	1.000	0.99999
2961	1	0.43	18	473	645	0.028	26.28	0.73	1.000	0.99998
3121	1	0.42	1	25	1,119	0.001	25.00	0.02	1.000	0.99999
3122	2	1.80	19	1,066	845	0.022	56.11	1.26	1.000	0.99997
3222	2	0.80	2	48	760	0.003	24.00	0.06	1.000	0.99999
3232	1	0.87	422	22,155	422	1.000	52.50	52.50	1.000	0.99870
3302	1	0.32	1	19	868	0.001	19.00	0.02	1.000	0.99999
3303	1	0.42	1	25	977	0.001	25.00	0.03	1.000	0.99999
3305	1	1.35	1	81	18	0.056	81.00	4.50	1.000	0.99989

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3313	1	0.80	3	144	1,233	0.002	48.00	0.12	1.000	0.99999
3315	1	1.05	80	5,068	1,565	0.051	63.35	3.24	1.000	0.99992
3422	2	1.35	967	23,000	965	1.002	23.78	23.83	1.001	0.99941
3472	3	3.17	17	614	1,560	0.011	36.12	0.39	1.000	0.99999
3551	4	7.36	1,024	149,387	1,013	1.011	145.89	147.47	1.825	0.99634
3553	1	1.93	1	116	1,024	0.001	116.00	0.11	1.000	0.99999
3591	1	1.87	1	112	1,131	0.001	112.00	0.10	1.000	0.99999
3592	1	1.23	1	74	1,711	0.001	74.00	0.04	1.000	0.99999
3621	1	3.73	33	7,398	1,539	0.021	224.18	4.81	1.000	0.99988
3661	1	1.10	1	66	1,010	0.001	66.00	0.07	1.000	0.99999
3663	8	2.40	351	4,961	774	0.453	14.13	6.41	1.017	0.99984
3664	1	0.90	33	1,746	501	0.066	52.91	3.49	1.000	0.99991
3691	2	2.27	2	136	1,145	0.002	68.00	0.12	1.000	0.99999
3694	1	2.92	1	175	1,246	0.001	175.00	0.14	1.000	0.99999
3701	2	2.70	510	30,168	477	1.069	59.15	63.25	1.069	0.99843
3751	4	12.72	98	16,580	868	0.113	169.18	19.10	1.010	0.99953
3871	2	2.29	28	2,038	1,380	0.020	72.79	1.48	1.037	0.99996
3872	1	0.82	1	49	1,066	0.001	49.00	0.05	1.000	0.99999
3891	3	4.26	43	5,236	433	0.099	121.77	12.09	1.024	0.99970
3893	1	1.88	1	113	1,091	0.001	113.00	0.10	1.000	0.99999
3894	2	2.07	4	186	115	0.035	46.50	1.62	1.000	0.99996
3901	1	1.72	82	8,491	870	0.094	103.55	9.76	1.000	0.99976

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3914	1	1.32	15	1,189	661	0.023	79.27	1.80	1.000	0.99996
3951	1	1.98	82	9,826	904	0.091	119.83	10.87	1.000	0.99973
3953	1	0.77	1	46	512	0.002	46.00	0.09	1.000	0.99999
3971	1	1.18	653	46,885	654	0.998	71.80	71.69	1.000	0.99822
3981	5	3.39	195	12,877	1,491	0.131	66.04	8.64	2.010	0.99979
3982	1	1.07	34	2,190	1,753	0.019	64.41	1.25	1.000	0.99997
3991	1	0.95	382	21,824	718	0.532	57.13	30.40	1.000	0.99925
4031	5	7.63	53	5,887	689	0.077	111.08	8.54	1.082	0.99979
407	3	3.70	4	263	102	0.039	65.75	2.58	1.000	0.99994
4091	1	1.47	1	88	1,140	0.001	88.00	0.08	1.000	0.99999
4092	1	0.55	9	304	421	0.021	33.78	0.72	1.000	0.99998
4101	2	7.62	110	30,024	578	0.190	272.95	51.94	1.000	0.99871
4102	1	3.15	1	189	900	0.001	189.00	0.21	1.000	0.99999
4131	1	0.52	1	31	196	0.005	31.00	0.16	1.000	0.99999
4135	1	1.90	1	114	59	0.017	114.00	1.93	1.000	0.99995
4138	3	2.30	41	794	746	0.055	19.37	1.06	1.952	0.99997
4141	1	1.52	1	91	82	0.012	91.00	1.11	1.000	0.99997
4151	1	0.38	1	23	1,235	0.001	23.00	0.02	1.000	0.99999
4153	1	0.57	34	1,186	1,288	0.026	34.88	0.92	1.000	0.99998
4155	1	0.53	1	32	2,061	0.000	32.00	0.02	1.000	0.99999
4172	3	4.57	3	274	1,680	0.002	91.33	0.16	1.500	0.99999
4181	1	0.65	39	1,524	482	0.081	39.08	3.16	1.000	0.99992

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4211	1	1.13	17	1,167	673	0.025	68.65	1.73	1.000	0.99996
4221	2	0.98	72	644	479	0.150	8.94	1.34	1.075	0.99997
4222	1	1.48	998	89,171	998	1.000	89.35	89.35	1.000	0.99778
4303	1	0.62	29	1,092	856	0.034	37.66	1.28	1.000	0.99997
4313	1	0.80	5	242	315	0.016	48.40	0.77	1.000	0.99998
4324	18	6.45	310	3,497	1,200	0.258	11.28	2.91	1.462	0.99993
4331	13	4.44	110	2,416	298	0.369	21.96	8.11	1.009	0.99980
4341	3	4.30	49	3,938	1,745	0.028	80.37	2.26	1.021	0.99994
4342	1	1.25	1	75	1,725	0.001	75.00	0.04	1.000	0.99999
4343	3	2.50	44	2,507	1,018	0.043	56.98	2.46	1.023	0.99994
4361	5	7.29	38	3,875	1,635	0.023	101.97	2.37	1.000	0.99994
4362	1	0.45	1	27	818	0.001	27.00	0.03	1.000	0.99999
4363	3	2.10	676	33,054	1,585	0.426	48.90	20.85	1.050	0.99948
4372	1	0.85	1	51	427	0.002	51.00	0.12	1.000	0.99999
4373	1	1.33	1	80	748	0.001	80.00	0.11	1.000	0.99999
4431	1	1.45	1	87	1,353	0.001	87.00	0.06	1.000	0.99999
4432	1	1.30	23	1,816	450	0.051	78.96	4.04	1.000	0.99990
4512	3	4.84	1,376	135,291	942	1.461	98.32	143.62	1.461	0.99644
4601	1	0.90	1	54	409	0.002	54.00	0.13	1.000	0.99999
4602	1	1.18	26	1,856	938	0.028	71.38	1.98	1.000	0.99995
5601	1	1.17	1	70	1,152	0.001	70.00	0.06	1.000	0.99999
5602	2	1.65	2	99	675	0.003	49.50	0.15	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
5603	5	9.26	146	23,529	1,257	0.116	161.16	18.72	1.021	0.99954
5904	1	0.58	37	1,306	1,109	0.033	35.30	1.18	1.000	0.99997
5905	2	2.03	8	395	1,833	0.004	49.38	0.22	1.000	0.99999
6021	2	2.63	20	1,463	486	0.041	73.15	3.01	1.000	0.99993
6022	1	0.27	51	857	374	0.136	16.80	2.29	1.000	0.99994
6141	1	1.05	1	63	624	0.002	63.00	0.10	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	225	262.02	16,362	1,293,482	160,552	0.102	79.05	8.06	1.203	0.99980

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 3/1/2014 to 3/31/2014
 INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.42	4	343	1,529	0.003	85.75	0.22	1.000	0.99999
1082	4	5.05	26	1,952	1,300	0.020	75.08	1.50	1.083	0.99997
1092	3	2.95	3	177	942	0.003	59.00	0.19	1.000	0.99999
1094	2	4.30	48	6,724	1,220	0.039	140.08	5.51	1.000	0.99988
1101	1	0.30	86	1,550	971	0.089	18.02	1.60	1.000	0.99996
1141	1	3.27	900	177,225	900	1.000	196.92	196.92	1.000	0.99559
1142	1	3.25	215	41,996	215	1.000	195.33	195.33	1.000	0.99562
1213	1	0.78	21	999	542	0.039	47.57	1.84	1.000	0.99996
1232	2	1.55	23	978	1,176	0.020	42.52	0.83	1.000	0.99998
1241	1	0.75	13	587	837	0.016	45.15	0.70	1.000	0.99998
1243	1	0.87	25	1,308	1,190	0.021	52.32	1.10	1.000	0.99998
1261	1	1.03	1	62	386	0.003	62.00	0.16	1.000	0.99999
1263	3	2.55	41	2,488	1,126	0.036	60.68	2.21	1.000	0.99995
1265	7	3.64	84	2,595	1,278	0.066	30.89	2.03	1.200	0.99995
1271	3	3.40	8	529	940	0.009	66.13	0.56	1.333	0.99999
1282	1	0.90	26	1,410	925	0.028	54.23	1.52	1.000	0.99997
1312	1	0.57	1	34	918	0.001	34.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1453	4	5.26	2,305	82,089	1,791	1.287	35.61	45.83	1.285	0.99897
1454	1	0.70	1	42	924	0.001	42.00	0.05	1.000	0.99999
1521	1	1.02	1	61	354	0.003	61.00	0.17	1.000	0.99999
1522	1	0.98	1	59	100	0.010	59.00	0.59	1.000	0.99999
1523	2	2.95	6	553	712	0.008	92.17	0.78	1.200	0.99998
2052	1	1.95	1	117	84	0.012	117.00	1.39	1.000	0.99997
2091	1	0.83	5	254	872	0.006	50.80	0.29	1.000	0.99999
2172	1	0.93	1	56	218	0.005	56.00	0.26	1.000	0.99999
2211	6	3.24	62	1,747	720	0.086	28.18	2.43	1.000	0.99995
2212	1	1.87	23	2,586	1,271	0.018	112.43	2.03	1.000	0.99995
2492	1	0.60	29	1,062	29	1.000	36.62	36.62	1.000	0.99918
2621	1	6.40	1	384	1,147	0.001	384.00	0.33	1.000	0.99999
2921	1	0.95	1	57	409	0.002	57.00	0.14	1.000	0.99999
2951	1	0.72	1	43	1,375	0.001	43.00	0.03	1.000	0.99999
2961	2	4.88	653	23,228	645	1.012	35.57	36.01	1.012	0.99919
3121	2	4.83	2	290	1,120	0.002	145.00	0.26	2.000	0.99999
3181	1	1.00	1	60	716	0.001	60.00	0.08	1.000	0.99999
3221	2	3.34	51	2,038	1,230	0.041	39.96	1.66	1.020	0.99996
3231	4	3.85	43	3,672	411	0.105	85.40	8.93	1.075	0.99980
3302	3	3.99	859	75,595	872	0.985	88.00	86.69	1.002	0.99806
3303	2	1.97	978	107,413	978	1.000	109.83	109.83	1.001	0.99754
3311	12	10.54	15	803	530	0.028	53.53	1.52	1.154	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3315	1	2.08	1	125	1,566	0.001	125.00	0.08	1.000	0.99999
3422	3	2.70	11	586	966	0.011	53.27	0.61	1.000	0.99999
3423	1	3.28	1	197	383	0.003	197.00	0.51	1.000	0.99999
3472	3	3.24	7	445	1,561	0.004	63.57	0.29	1.000	0.99999
3591	2	0.68	17	413	1,134	0.015	24.29	0.36	1.000	0.99999
3592	1	3.20	220	42,445	1,717	0.128	192.93	24.72	1.000	0.99945
3594	1	1.17	1	70	642	0.002	70.00	0.11	1.000	0.99999
3621	2	6.92	17	5,058	1,544	0.011	297.53	3.28	1.000	0.99993
3661	1	0.67	92	3,752	1,014	0.091	40.78	3.70	1.000	0.99992
3675	1	0.35	1	21	412	0.002	21.00	0.05	1.000	0.99999
3691	1	1.33	21	1,681	1,146	0.018	80.05	1.47	1.000	0.99997
3701	1	0.80	1	48	477	0.002	48.00	0.10	1.000	0.99999
3751	2	5.34	17	683	870	0.020	40.18	0.79	1.063	0.99998
3891	4	4.61	12	663	436	0.028	55.25	1.52	1.091	0.99997
3893	2	2.26	5	442	1,092	0.005	88.40	0.40	1.000	0.99999
3912	1	1.00	1	60	934	0.001	60.00	0.06	1.000	0.99999
3913	1	1.68	44	4,459	950	0.046	101.34	4.69	1.000	0.99989
3953	2	2.72	54	3,949	514	0.105	73.13	7.68	1.019	0.99983
3981	1	0.95	1	57	1,491	0.001	57.00	0.04	1.000	0.99999
3982	2	3.14	83	7,049	1,754	0.047	84.93	4.02	1.000	0.99991
3991	1	0.60	38	1,373	720	0.053	36.13	1.91	1.000	0.99996
403	1	0.53	1	32	264	0.004	32.00	0.12	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4091	2	1.52	37	1,613	1,140	0.032	43.59	1.41	1.000	0.99997
4101	1	0.67	12	483	578	0.021	40.25	0.84	1.000	0.99998
4102	1	1.30	1	78	902	0.001	78.00	0.09	1.000	0.99999
4137	1	1.57	792	74,712	790	1.003	94.33	94.57	1.000	0.99788
4152	1	0.88	1	53	789	0.001	53.00	0.07	1.000	0.99999
4153	1	1.35	13	1,059	1,293	0.010	81.46	0.82	1.000	0.99998
4171	1	3.20	1	192	678	0.001	192.00	0.28	1.000	0.99999
4172	4	3.74	97	5,828	1,682	0.058	60.08	3.46	1.000	0.99992
4173	1	1.73	1	104	620	0.002	104.00	0.17	1.000	0.99999
4181	2	1.47	40	1,813	484	0.083	45.33	3.75	1.026	0.99992
4182	1	1.55	10	933	1,006	0.010	93.30	0.93	1.000	0.99998
4212	2	2.65	72	3,460	803	0.090	48.06	4.31	1.000	0.99990
4223	1	4.20	44	11,119	608	0.072	252.70	18.29	1.000	0.99959
4311	19	8.06	939	28,926	1,158	0.811	30.81	24.98	1.044	0.99944
4312	1	0.37	1	22	832	0.001	22.00	0.03	1.000	0.99999
4324	1	0.92	1	55	1,214	0.001	55.00	0.05	1.000	0.99999
4341	2	2.03	1,369	94,072	1,751	0.782	68.72	53.72	1.019	0.99880
4342	2	1.73	103	6,078	1,726	0.060	59.01	3.52	1.010	0.99992
4361	3	3.02	145	8,573	1,640	0.088	59.12	5.23	1.000	0.99988
4371	5	5.72	29	2,049	1,529	0.019	70.66	1.34	1.000	0.99997
4373	1	1.27	526	40,405	749	0.702	76.82	53.95	1.000	0.99879
4381	1	2.53	1	152	317	0.003	152.00	0.48	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4431	1	2.43	350	51,292	1,353	0.259	146.55	37.91	1.000	0.99915
4432	1	0.87	452	23,662	450	1.004	52.35	52.58	1.000	0.99882
4511	1	2.40	1	144	1,122	0.001	144.00	0.13	1.000	0.99999
4602	2	3.17	92	8,908	938	0.098	96.83	9.50	1.000	0.99979
5601	14	13.39	90	4,026	1,155	0.078	44.73	3.49	1.000	0.99992
5602	1	0.63	3	115	676	0.004	38.33	0.17	1.000	0.99999
5603	4	4.12	1,264	69,085	1,259	1.004	54.66	54.87	1.002	0.99877
5901	2	6.50	64	12,513	595	0.108	195.52	21.03	1.032	0.99953
5902	3	3.88	186	5,282	1,004	0.185	28.40	5.26	1.011	0.99988
5905	1	0.78	45	2,153	1,838	0.024	47.84	1.17	1.000	0.99997
6024	1	0.75	9	410	388	0.023	45.56	1.06	1.000	0.99998
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	205	239.03	14,002	1,076,143	161,085	0.087	76.86	6.68	1.038	0.99985

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 4/1/2014 to 4/30/2014
 INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1051	2	1.71	11	637	1,068	0.010	57.91	0.60	1.000	0.99999
1082	3	4.65	213	20,821	1,303	0.163	97.75	15.98	1.049	0.99963
1091	4	5.76	105	10,033	708	0.148	95.55	14.17	1.000	0.99967
1092	4	6.47	57	3,757	946	0.060	65.91	3.97	1.036	0.99991
1094	5	5.49	515	26,541	1,221	0.422	51.54	21.74	1.040	0.99950
1142	1	1.22	1	73	215	0.005	73.00	0.34	1.000	0.99999
1211	1	0.92	1	55	1,475	0.001	55.00	0.04	1.000	0.99999
1230	1	1.00	8	480	1,179	0.007	60.00	0.41	1.000	0.99999
1232	1	0.73	1	44	1,176	0.001	44.00	0.04	1.000	0.99999
1243	3	4.33	40	3,495	1,188	0.034	87.38	2.94	1.000	0.99993
1263	2	0.92	2	55	1,136	0.002	27.50	0.05	1.000	0.99999
1265	1	0.65	30	1,186	1,280	0.023	39.53	0.93	1.000	0.99998
1273	3	3.92	113	3,613	863	0.131	31.97	4.19	1.009	0.99990
1281	1	24.57	1	1,474	161	0.006	1474.00	9.16	1.000	0.99979
1282	2	1.63	66	3,219	927	0.071	48.77	3.47	1.031	0.99992
1284	1	0.45	1	27	866	0.001	27.00	0.03	1.000	0.99999
1285	1	6.65	179	71,423	1,084	0.165	399.01	65.89	1.000	0.99847

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1312	3	6.63	13	2,042	920	0.014	157.08	2.22	1.000	0.99995
1452	1	0.60	53	1,916	451	0.118	36.15	4.25	1.000	0.99990
1453	2	1.50	84	3,384	1,794	0.047	40.29	1.89	1.000	0.99996
1455	1	0.43	73	1,911	371	0.197	26.18	5.15	1.000	0.99988
1521	1	0.52	7	218	354	0.020	31.14	0.62	1.000	0.99999
1522	1	1.52	7	640	101	0.069	91.43	6.34	1.000	0.99985
1842	1	1.10	1	66	279	0.004	66.00	0.24	1.000	0.99999
1843	3	1.95	38	2,031	1,080	0.035	53.45	1.88	1.000	0.99996
2091	2	2.55	14	1,165	872	0.016	83.21	1.34	1.000	0.99997
2092	9	10.66	41	3,543	905	0.045	86.41	3.91	1.000	0.99991
2171	1	0.97	556	32,248	556	1.000	58.00	58.00	1.000	0.99866
2172	6	20.70	317	25,837	219	1.447	81.50	117.98	1.441	0.99727
2211	1	0.60	17	616	721	0.024	36.24	0.85	1.000	0.99998
2212	3	6.07	30	4,671	1,274	0.024	155.70	3.67	1.000	0.99992
2491	1	2.95	1	177	62	0.016	177.00	2.85	1.000	0.99993
2511	1	1.23	1	74	615	0.002	74.00	0.12	1.000	0.99999
2622	2	5.60	2	336	113	0.018	168.00	2.97	1.000	0.99993
2921	1	0.82	1	49	410	0.002	49.00	0.12	1.000	0.99999
2951	1	1.10	1	66	1,377	0.001	66.00	0.05	1.000	0.99999
2961	1	0.90	1	54	645	0.002	54.00	0.08	1.000	0.99999
3081	1	0.73	1	44	567	0.002	44.00	0.08	1.000	0.99999
3082	1	0.53	1	32	321	0.003	32.00	0.10	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3121	1	2.40	1	144	1,120	0.001	144.00	0.13	1.000	0.99999
3122	1	1.07	1	64	843	0.001	64.00	0.08	1.000	0.99999
3221	1	1.37	1	82	1,232	0.001	82.00	0.07	1.000	0.99999
3222	2	3.87	2	232	765	0.003	116.00	0.30	1.000	0.99999
3231	1	2.38	1	143	411	0.002	143.00	0.35	1.000	0.99999
3302	1	2.40	1	144	877	0.001	144.00	0.16	1.000	0.99999
3303	1	0.90	5	274	978	0.005	54.80	0.28	1.000	0.99999
3311	9	6.41	10	434	531	0.019	43.40	0.82	1.250	0.99998
3314	1	0.07	1	4	222	0.005	4.00	0.02	1.000	0.99999
3315	1	2.65	1	159	1,568	0.001	159.00	0.10	1.000	0.99999
3472	4	5.51	19	1,022	1,562	0.012	53.79	0.65	1.056	0.99998
3551	1	1.15	25	1,737	1,034	0.024	69.48	1.68	1.000	0.99996
3552	1	0.58	1	35	570	0.002	35.00	0.06	1.000	0.99999
3553	1	1.02	1	61	1,025	0.001	61.00	0.06	1.000	0.99999
3621	3	2.36	130	5,329	1,549	0.084	40.99	3.44	1.066	0.99992
3661	2	1.64	125	6,150	1,018	0.123	49.20	6.04	1.000	0.99986
3662	1	3.45	1	207	756	0.001	207.00	0.27	1.000	0.99999
3664	1	1.17	15	1,064	514	0.029	70.93	2.07	1.000	0.99995
3671	3	2.64	20	1,196	884	0.023	59.80	1.35	1.000	0.99997
3694	1	1.12	1	67	1,249	0.001	67.00	0.05	1.000	0.99999
3702	1	0.55	15	506	603	0.025	33.73	0.84	1.000	0.99998
3751	2	1.77	49	2,284	872	0.056	46.61	2.62	1.000	0.99994

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3891	1	0.65	1	39	439	0.002	39.00	0.09	1.000	0.99999
3892	1	2.53	1	152	473	0.002	152.00	0.32	1.000	0.99999
3893	1	1.08	1	65	1,094	0.001	65.00	0.06	1.000	0.99999
3894	1	1.08	1	65	118	0.008	65.00	0.55	1.000	0.99999
3913	1	0.67	1	40	952	0.001	40.00	0.04	1.000	0.99999
3914	1	0.75	1	45	668	0.001	45.00	0.07	1.000	0.99999
3951	5	4.85	78	3,877	907	0.086	49.71	4.27	1.026	0.99990
3952	3	3.55	49	1,941	1,248	0.039	39.61	1.56	1.000	0.99996
3953	2	2.67	22	1,337	516	0.043	60.77	2.59	1.000	0.99994
3981	3	2.50	1,626	104,825	1,491	1.091	64.47	70.31	1.091	0.99837
3982	3	2.07	95	4,496	1,755	0.054	47.33	2.56	1.011	0.99994
3991	2	1.57	2	94	721	0.003	47.00	0.13	2.000	0.99999
403	1	0.70	1	42	265	0.004	42.00	0.16	1.000	0.99999
4031	2	3.20	17	1,583	695	0.024	93.12	2.28	1.063	0.99995
4092	8	9.62	521	23,359	420	1.240	44.83	55.62	1.238	0.99871
4102	2	1.28	34	1,336	903	0.038	39.29	1.48	1.000	0.99997
4137	1	1.12	23	1,563	792	0.029	67.96	1.97	1.000	0.99995
4141	1	1.58	1	95	81	0.012	95.00	1.17	1.000	0.99997
4142	1	1.32	36	2,875	589	0.061	79.86	4.88	1.000	0.99989
4153	1	1.03	14	873	1,298	0.011	62.36	0.67	1.000	0.99998
4154	1	0.87	31	1,624	1,148	0.027	52.39	1.41	1.000	0.99997
4155	1	1.32	35	2,785	2,063	0.017	79.57	1.35	1.000	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4171	1	0.58	1	35	680	0.001	35.00	0.05	1.000	0.99999
4172	4	3.90	79	4,362	1,684	0.047	55.22	2.59	1.000	0.99994
4173	1	0.45	27	744	621	0.043	27.56	1.20	1.000	0.99997
4182	1	1.38	1,002	84,117	1,008	0.994	83.95	83.45	1.000	0.99807
4211	2	3.75	12	1,763	955	0.013	146.92	1.85	1.000	0.99996
4212	2	1.59	12	623	804	0.015	51.92	0.77	1.000	0.99998
4224	2	20.38	30	3,060	757	0.040	102.00	4.04	1.034	0.99991
4303	1	1.48	1	89	919	0.001	89.00	0.10	1.000	0.99999
4311	2	7.27	2	436	1,162	0.002	218.00	0.38	1.000	0.99999
4312	1	0.33	832	17,333	832	1.000	20.83	20.83	1.000	0.99952
4324	2	2.28	29	1,856	1,227	0.024	64.00	1.51	1.000	0.99996
4341	1	1.10	23	1,536	1,757	0.013	66.78	0.87	1.000	0.99998
4342	10	11.74	12	855	1,728	0.007	71.25	0.49	1.000	0.99999
4343	4	2.05	38	1,145	1,022	0.037	30.13	1.12	1.086	0.99997
4362	1	0.42	36	918	823	0.044	25.50	1.12	1.000	0.99997
4363	6	9.39	111	6,806	1,066	0.104	61.32	6.38	1.078	0.99985
4371	3	6.30	11	885	1,531	0.007	80.45	0.58	1.000	0.99999
4373	4	8.00	25	3,716	750	0.033	148.64	4.95	1.042	0.99989
4386	1	3.08	1	185	1,648	0.001	185.00	0.11	1.000	0.99999
4431	3	4.44	34	2,352	1,353	0.025	69.18	1.74	1.000	0.99996
4432	5	6.78	75	4,485	450	0.167	59.80	9.97	1.014	0.99977
4511	3	1.30	3	78	1,124	0.003	26.00	0.07	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4601	1	0.43	1	26	408	0.002	26.00	0.06	1.000	0.99999
4602	2	1.10	18	535	939	0.019	29.72	0.57	1.059	0.99999
5603	2	0.78	14	344	1,261	0.011	24.57	0.27	1.000	0.99999
5641	1	0.48	16	468	318	0.050	29.25	1.47	1.000	0.99997
5905	1	10.67	12	7,688	1,844	0.007	640.67	4.17	1.000	0.99990
6023	1	1.65	64	6,375	463	0.138	99.61	13.77	1.000	0.99968
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	231	346.32	8,142	555,317	161,621	0.050	68.20	3.44	1.050	0.99992

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 5/1/2014 to 5/31/2014
 INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1082	1	1.78	1	107	1,304	0.001	107.00	0.08	1.000	0.99999
1091	2	1.51	2	91	708	0.003	45.50	0.13	1.000	0.99999
1092	5	8.74	67	4,482	946	0.071	66.90	4.74	1.081	0.99989
1093	1	0.98	1	59	235	0.004	59.00	0.25	1.000	0.99999
1094	2	1.57	1,232	34,870	1,221	1.009	28.30	28.56	1.009	0.99936
1101	4	3.00	106	4,209	972	0.109	39.71	4.33	1.029	0.99990
1102	1	1.58	17	1,616	724	0.023	95.06	2.23	1.000	0.99995
1141	5	5.16	962	55,060	900	1.069	57.23	61.18	1.069	0.99863
1142	1	0.67	15	610	215	0.070	40.67	2.84	1.000	0.99994
1211	4	4.86	78	5,703	1,475	0.053	73.12	3.87	1.013	0.99991
1212	1	1.87	130	14,586	326	0.399	112.20	44.74	1.000	0.99900
1213	2	1.70	47	2,409	543	0.087	51.26	4.44	1.000	0.99990
1230	2	2.53	899	93,742	1,179	0.763	104.27	79.51	1.001	0.99822
1232	3	5.60	132	5,890	1,176	0.112	44.62	5.01	1.008	0.99989
1233	3	2.42	131	5,882	639	0.205	44.90	9.21	1.008	0.99979
1241	3	2.63	37	2,089	839	0.044	56.46	2.49	1.028	0.99994
1242	7	6.26	51	3,036	674	0.076	59.53	4.50	1.000	0.99990

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1243	4	4.35	90	4,855	1,188	0.076	53.94	4.09	1.047	0.99991
1263	9	11.01	400	23,376	1,136	0.352	58.44	20.58	1.061	0.99954
1265	4	2.77	213	8,264	1,280	0.166	38.80	6.46	1.076	0.99986
1271	5	5.94	41	2,880	943	0.043	70.24	3.05	1.051	0.99993
1281	1	1.18	1	71	161	0.006	71.00	0.44	1.000	0.99999
1282	6	4.00	232	8,889	930	0.249	38.31	9.56	1.506	0.99979
1283	1	0.73	1	44	363	0.003	44.00	0.12	1.000	0.99999
1284	1	0.73	13	575	866	0.015	44.23	0.66	1.000	0.99999
1285	1	1.77	1	106	1,084	0.001	106.00	0.10	1.000	0.99999
1312	3	9.77	18	5,873	920	0.020	326.28	6.38	1.000	0.99986
1451	1	1.57	3	284	512	0.006	94.67	0.55	1.000	0.99999
1452	3	2.84	185	13,720	451	0.410	74.16	30.42	1.039	0.99932
1453	3	2.27	100	2,880	1,810	0.055	28.80	1.59	1.000	0.99996
1454	1	0.82	31	1,516	925	0.034	48.90	1.64	1.000	0.99996
1455	2	1.38	2	83	251	0.008	41.50	0.33	1.000	0.99999
1843	1	1.05	1	63	1,080	0.001	63.00	0.06	1.000	0.99999
2091	2	1.98	14	725	872	0.016	51.79	0.83	1.000	0.99998
2171	2	1.13	23	933	557	0.041	40.57	1.68	1.000	0.99996
2211	3	4.77	56	4,200	721	0.078	75.00	5.83	1.037	0.99987
2212	3	3.15	10	662	1,274	0.008	66.20	0.52	1.000	0.99999
2621	5	4.96	34	2,200	1,152	0.030	64.71	1.91	1.000	0.99996
2951	1	1.67	46	4,607	1,377	0.033	100.15	3.35	1.000	0.99993

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2961	1	1.13	18	1,238	645	0.028	68.78	1.92	1.000	0.99996
3121	3	2.52	117	6,096	1,120	0.104	52.10	5.44	1.017	0.99988
3122	2	4.90	844	115,886	843	1.001	137.31	137.47	1.001	0.99692
3123	1	0.58	25	884	1,034	0.024	35.36	0.85	1.000	0.99998
3181	1	1.18	1	71	717	0.001	71.00	0.10	1.000	0.99999
3221	5	6.17	33	1,351	1,232	0.027	40.94	1.10	1.179	0.99998
3222	2	2.87	2	172	765	0.003	86.00	0.22	1.000	0.99999
3302	1	0.62	24	909	877	0.027	37.88	1.04	1.000	0.99998
3303	3	2.53	213	10,769	978	0.218	50.56	11.01	1.000	0.99975
3315	2	4.53	63	8,701	1,568	0.040	138.11	5.55	1.000	0.99988
3422	1	0.82	1	49	966	0.001	49.00	0.05	1.000	0.99999
3423	1	0.58	27	947	382	0.071	35.07	2.48	1.000	0.99994
3471	2	3.27	2	196	166	0.012	98.00	1.18	1.000	0.99997
3472	2	1.15	61	2,275	1,562	0.039	37.30	1.46	1.000	0.99997
3553	2	2.52	648	41,991	1,026	0.632	64.80	40.93	1.002	0.99908
3591	3	4.66	41	3,901	1,136	0.036	95.15	3.43	1.000	0.99992
3592	1	0.72	88	3,785	1,723	0.051	43.01	2.20	1.000	0.99995
3621	4	6.55	36	1,202	1,551	0.023	33.39	0.77	1.029	0.99998
3664	7	5.24	219	13,100	514	0.426	59.82	25.49	1.033	0.99943
3671	3	2.82	64	4,666	884	0.072	72.91	5.28	1.000	0.99988
3691	1	1.07	91	5,845	1,145	0.079	64.23	5.10	1.000	0.99989
3692	1	1.35	1	81	407	0.002	81.00	0.20	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3693	2	2.24	18	1,212	183	0.098	67.33	6.62	2.000	0.99985
3701	2	2.55	14	889	477	0.029	63.50	1.86	1.000	0.99996
3751	6	3.39	53	3,843	872	0.061	72.51	4.41	1.000	0.99990
3878	4	3.36	27	677	780	0.035	25.07	0.87	1.000	0.99998
3891	1	0.43	1	26	439	0.002	26.00	0.06	1.000	0.99999
3893	4	5.87	31	2,814	1,094	0.028	90.77	2.57	1.000	0.99994
3894	1	0.98	1	59	118	0.008	59.00	0.50	1.000	0.99999
3901	2	3.57	7	559	875	0.008	79.86	0.64	1.000	0.99999
3903	1	1.35	1	81	287	0.003	81.00	0.28	1.000	0.99999
3912	2	2.20	23	1,183	950	0.024	51.43	1.25	1.045	0.99997
3913	4	6.42	26	6,336	952	0.027	243.69	6.66	1.000	0.99985
3914	1	1.77	4	424	350	0.011	106.00	1.21	1.000	0.99997
3951	2	2.85	95	8,663	907	0.105	91.19	9.55	1.022	0.99979
3952	5	4.41	1,325	70,832	1,248	1.062	53.46	56.76	1.061	0.99873
3953	2	3.80	61	9,493	516	0.118	155.62	18.40	1.017	0.99959
3971	1	3.55	655	139,515	656	0.998	213.00	212.68	1.000	0.99524
3981	2	3.69	3	366	1,491	0.002	122.00	0.25	1.000	0.99999
3991	16	10.49	478	48,041	721	0.663	100.50	66.63	1.046	0.99851
3992	1	1.23	7	522	165	0.042	74.57	3.16	1.000	0.99993
403	1	3.70	1	222	265	0.004	222.00	0.84	1.000	0.99998
4091	4	2.28	24	978	1,141	0.021	40.75	0.86	1.000	0.99998
4092	11	6.39	445	10,333	420	1.060	23.22	24.60	1.057	0.99945

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4102	2	2.67	905	46,526	903	1.002	51.41	51.52	1.002	0.99885
4133	1	1.25	1	75	630	0.002	75.00	0.12	1.000	0.99999
4137	1	0.40	26	646	792	0.033	24.85	0.82	1.000	0.99998
4142	1	4.47	1	268	589	0.002	268.00	0.46	1.000	0.99999
4153	2	1.56	15	438	1,298	0.012	29.20	0.34	1.000	0.99999
4155	1	1.68	23	2,325	2,063	0.011	101.09	1.13	1.000	0.99997
4171	1	0.77	1	46	674	0.001	46.00	0.07	1.000	0.99999
4172	12	13.03	286	17,756	1,686	0.170	62.08	10.53	1.172	0.99976
4173	1	0.70	1	42	621	0.002	42.00	0.07	1.000	0.99999
4181	2	1.23	45	1,536	485	0.093	34.13	3.17	1.000	0.99993
4182	1	1.92	28	3,181	1,009	0.028	113.61	3.15	1.000	0.99993
4211	2	1.53	14	908	956	0.015	64.86	0.95	1.077	0.99998
4212	9	11.27	57	3,164	804	0.071	55.51	3.94	1.000	0.99991
4222	3	7.16	5	702	1,022	0.005	140.40	0.69	1.000	0.99998
4223	1	2.93	20	3,527	657	0.030	176.35	5.37	1.000	0.99988
4224	4	3.14	327	16,520	757	0.432	50.52	21.82	1.120	0.99951
4311	1	0.75	22	999	1,163	0.019	45.41	0.86	1.000	0.99998
4313	2	1.55	6	277	316	0.019	46.17	0.88	1.000	0.99998
4324	1	1.85	1	111	1,229	0.001	111.00	0.09	1.000	0.99999
4341	3	2.55	29	1,457	1,757	0.017	50.24	0.83	1.036	0.99998
4342	3	2.28	87	4,952	1,728	0.050	56.92	2.87	2.023	0.99994
4343	1	0.92	1	55	1,022	0.001	55.00	0.05	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4361	3	2.58	52	905	1,644	0.032	17.40	0.55	1.040	0.99999
4362	2	1.63	49	1,914	823	0.060	39.06	2.33	1.065	0.99995
4363	2	2.42	13	855	1,066	0.012	65.77	0.80	1.000	0.99998
4371	5	7.07	1,558	93,329	1,532	1.017	59.90	60.92	1.016	0.99864
4372	2	2.05	432	25,923	429	1.007	60.01	60.43	1.002	0.99865
4373	1	1.00	755	45,300	752	1.004	60.00	60.24	1.000	0.99865
4381	1	2.38	194	27,910	319	0.608	143.87	87.49	1.000	0.99804
4431	9	16.52	1,379	157,525	1,353	1.019	114.23	116.43	1.025	0.99739
4432	1	4.27	1	256	451	0.002	256.00	0.57	1.000	0.99999
4511	1	1.52	1	91	1,124	0.001	91.00	0.08	1.000	0.99999
455	2	2.15	2	129	113	0.018	64.50	1.14	1.000	0.99997
4602	4	4.02	226	12,207	940	0.240	54.01	12.99	1.009	0.99971
4714	1	0.73	11	484	308	0.036	44.00	1.57	1.000	0.99996
5601	7	5.39	279	12,913	1,148	0.243	46.28	11.25	1.011	0.99975
5603	3	2.59	69	3,392	1,270	0.054	49.16	2.67	1.030	0.99994
5901	1	0.38	16	374	714	0.022	23.38	0.52	1.000	0.99999
5902	5	6.32	1,483	45,007	1,005	1.476	30.35	44.78	1.476	0.99900
5903	2	2.72	2	163	226	0.009	81.50	0.72	1.000	0.99998
5904	1	2.67	37	5,930	1,139	0.032	160.27	5.21	1.000	0.99988
5905	4	2.12	1,872	70,801	1,844	1.015	37.82	38.40	1.015	0.99914
6141	3	2.35	59	2,808	629	0.094	47.59	4.46	2.034	0.99990
6144	1	0.67	1	40	317	0.003	40.00	0.13	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	349	396.16	21,734	1,466,197	161,650	0.134	67.46	9.07	1.026	0.99980

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
6/1/2014 to 6/30/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	3	4.80	179	5,866	1,566	0.114	32.77	3.75	1.011	0.99991
1051	6	17.46	189	13,561	1,068	0.177	71.75	12.70	1.038	0.99971
1082	13	42.51	263	42,632	1,306	0.201	162.10	32.64	1.154	0.99924
1084	1	7.73	4	1,857	5	0.800	464.25	371.40	1.000	0.99140
1091	3	5.00	1,417	88,945	708	2.001	62.77	125.63	2.001	0.99709
1092	6	16.12	12	3,850	948	0.013	320.83	4.06	1.091	0.99991
1094	3	11.62	11	4,234	1,224	0.009	384.91	3.46	1.000	0.99992
1101	4	15.05	18	5,523	972	0.019	306.83	5.68	1.059	0.99987
1102	1	1.25	73	5,473	714	0.102	74.97	7.67	1.000	0.99982
1142	1	0.85	1	51	215	0.005	51.00	0.24	1.000	0.99999
1211	4	3.03	9	437	1,475	0.006	48.56	0.30	1.000	0.99999
1212	1	1.85	1	111	327	0.003	111.00	0.34	1.000	0.99999
1213	4	3.42	59	3,546	543	0.109	60.10	6.53	1.000	0.99985
1230	2	1.48	18	1,113	1,180	0.015	61.83	0.94	1.000	0.99998
1232	7	8.92	366	20,564	1,176	0.311	56.19	17.49	1.028	0.99960
1233	2	1.64	18	793	639	0.028	44.06	1.24	1.000	0.99997
1241	5	28.70	48	20,211	840	0.057	421.06	24.06	1.000	0.99944

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1242	1	5.87	1	352	675	0.001	352.00	0.52	1.000	0.99999
1243	6	35.54	50	16,775	1,189	0.042	335.50	14.11	1.136	0.99967
1262	1	3.08	1	185	136	0.007	185.00	1.36	1.000	0.99997
1263	3	7.18	344	31,712	1,139	0.302	92.19	27.84	1.006	0.99936
1265	1	4.03	57	13,844	1,280	0.045	242.88	10.82	1.000	0.99975
1267	2	5.74	41	7,864	79	0.519	191.80	99.54	1.464	0.99770
1271	5	9.14	79	5,054	943	0.084	63.97	5.36	1.053	0.99988
1273	8	9.74	47	2,560	863	0.054	54.47	2.97	1.000	0.99993
1281	2	6.11	2	367	162	0.012	183.50	2.27	2.000	0.99995
1282	4	10.47	30	4,852	934	0.032	161.73	5.19	1.034	0.99988
1284	1	1.17	9	636	866	0.010	70.67	0.73	1.000	0.99998
1285	2	4.55	53	2,206	1,084	0.049	41.62	2.04	1.019	0.99995
1451	1	0.37	1	22	512	0.002	22.00	0.04	1.000	0.99999
1452	19	20.56	694	55,306	452	1.535	79.69	122.36	1.539	0.99717
1453	3	2.60	72	4,665	1,811	0.040	64.79	2.58	1.029	0.99994
1521	4	10.55	37	7,177	354	0.105	193.97	20.27	3.083	0.99953
1523	6	13.27	186	11,115	714	0.261	59.76	15.57	1.069	0.99964
1841	3	3.60	10	670	630	0.016	67.00	1.06	1.000	0.99998
1842	1	1.28	1	77	280	0.004	77.00	0.28	1.000	0.99999
1843	5	13.98	132	22,633	1,080	0.122	171.46	20.96	1.039	0.99951
2051	2	2.48	163	11,368	162	1.006	69.74	70.17	1.006	0.99838
2052	9	7.90	9	475	85	0.106	52.78	5.59	1.125	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2091	6	8.33	26	1,984	872	0.030	76.31	2.28	1.040	0.99995
2092	3	3.72	34	2,556	906	0.038	75.18	2.82	1.000	0.99993
2171	2	2.11	42	2,686	558	0.075	63.95	4.81	1.000	0.99989
2211	3	5.00	60	3,450	722	0.083	57.50	4.78	1.000	0.99989
2212	4	4.26	14	1,119	1,275	0.011	79.93	0.88	1.167	0.99998
2621	3	6.06	3	363	1,154	0.003	121.00	0.31	1.000	0.99999
2622	1	9.40	113	63,841	113	1.000	564.96	564.96	1.000	0.98692
2921	1	1.73	3	313	410	0.007	104.33	0.76	1.000	0.99998
2951	9	6.81	9	409	1,378	0.007	45.44	0.30	1.125	0.99999
2961	6	7.72	2,022	194,799	645	3.135	96.34	302.01	3.150	0.99301
2962	11	20.33	286	27,810	254	1.126	97.24	109.49	1.126	0.99747
3081	1	3.02	1	181	568	0.002	181.00	0.32	1.000	0.99999
3121	2	4.00	341	56,280	1,120	0.304	165.04	50.25	1.003	0.99884
3122	2	1.75	41	3,110	844	0.049	75.85	3.68	1.000	0.99991
3123	2	3.32	14	760	1,034	0.014	54.29	0.74	1.077	0.99998
3221	7	11.45	60	5,033	1,232	0.049	83.88	4.09	1.091	0.99991
3222	11	14.25	36	2,593	765	0.047	72.03	3.39	1.125	0.99992
3231	2	2.05	2	123	412	0.005	61.50	0.30	1.000	0.99999
3232	1	1.20	1	72	425	0.002	72.00	0.17	1.000	0.99999
3302	2	1.60	606	27,904	878	0.690	46.05	31.78	1.002	0.99926
3311	2	2.73	143	11,810	533	0.268	82.59	22.16	1.044	0.99949
3315	1	1.05	1	63	1,568	0.001	63.00	0.04	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3421	2	2.26	2	136	288	0.007	68.00	0.47	1.000	0.99999
3422	7	8.64	159	6,959	967	0.164	43.77	7.20	1.013	0.99983
3423	1	0.88	3	161	384	0.008	53.67	0.42	1.000	0.99999
3471	2	3.36	1,357	198,214	763	1.779	146.07	259.78	1.001	0.99399
3472	3	6.70	1,450	419,167	1,562	0.928	289.08	268.35	1.012	0.99379
3551	2	1.43	85	3,792	1,034	0.082	44.61	3.67	1.000	0.99992
3552	22	25.23	152	11,046	570	0.267	72.67	19.38	1.034	0.99955
3553	19	27.21	490	53,155	1,028	0.477	108.48	51.71	1.043	0.99880
3591	2	1.51	60	2,760	1,138	0.053	46.00	2.43	1.034	0.99994
3592	11	13.19	2,012	307,980	1,724	1.167	153.07	178.64	1.164	0.99586
3593	1	1.93	20	2,335	933	0.021	116.75	2.50	1.000	0.99994
3594	1	0.47	7	199	658	0.011	28.43	0.30	1.000	0.99999
3621	9	15.21	1,712	252,844	1,553	1.102	147.69	162.81	1.103	0.99623
3661	5	14.19	71	8,545	1,018	0.070	120.35	8.39	1.000	0.99981
3663	5	8.23	54	4,189	780	0.069	77.57	5.37	1.000	0.99988
3664	5	57.91	18	7,570	516	0.035	420.56	14.67	1.000	0.99966
3691	3	3.33	1,238	141,094	1,144	1.082	113.97	123.33	1.082	0.99715
3692	1	1.95	408	48,110	407	1.002	117.92	118.21	1.000	0.99726
3694	4	6.38	4	383	1,254	0.003	95.75	0.31	1.000	0.99999
3701	2	2.99	497	54,775	478	1.040	110.21	114.59	1.042	0.99735
3702	5	5.08	737	73,907	604	1.220	100.28	122.36	1.222	0.99717
3751	6	5.58	38	2,068	872	0.044	54.42	2.37	1.000	0.99995

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3871	2	1.74	5	316	1,386	0.004	63.20	0.23	1.000	0.99999
3872	3	4.19	24	1,953	1,068	0.022	81.38	1.83	1.000	0.99996
3878	4	6.19	4	371	780	0.005	92.75	0.48	1.000	0.99999
3891	2	5.49	68	11,222	440	0.155	165.03	25.50	1.889	0.99941
3893	6	9.94	16	1,843	1,094	0.015	115.19	1.68	1.000	0.99996
3901	5	13.15	933	176,892	877	1.064	189.59	201.70	1.064	0.99533
3912	1	2.00	1	120	953	0.001	120.00	0.13	1.000	0.99999
3913	7	22.03	60	16,680	879	0.068	278.00	18.98	1.034	0.99956
3951	4	5.50	190	18,085	908	0.209	95.18	19.92	1.038	0.99954
3952	2	11.13	14	1,094	1,248	0.011	78.14	0.88	1.000	0.99998
3953	19	29.09	349	39,362	517	0.675	112.79	76.14	1.042	0.99824
3971	3	2.81	155	9,517	657	0.236	61.40	14.49	1.107	0.99966
3981	35	42.75	528	43,802	1,494	0.353	82.96	29.32	1.153	0.99932
3982	4	5.68	1,775	219,919	1,758	1.010	123.90	125.10	1.011	0.99710
3991	2	3.95	3	413	722	0.004	137.67	0.57	1.000	0.99999
3992	2	3.62	8	764	165	0.048	95.50	4.63	1.143	0.99989
403	1	2.02	1	121	266	0.004	121.00	0.45	1.000	0.99999
4031	5	7.31	70	12,731	696	0.101	181.87	18.29	1.045	0.99958
407	1	2.07	1	124	102	0.010	124.00	1.22	1.000	0.99997
4091	6	5.66	49	3,110	1,142	0.043	63.47	2.72	1.021	0.99994
4092	4	7.51	4	451	420	0.010	112.75	1.07	1.000	0.99998
4101	3	7.46	114	12,685	578	0.197	111.27	21.95	1.000	0.99949

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4102	1	6.73	46	18,622	904	0.051	404.83	20.60	1.000	0.99952
4132	1	0.87	1	52	568	0.002	52.00	0.09	1.000	0.99999
4133	1	1.27	29	2,218	630	0.046	76.48	3.52	1.000	0.99992
4134	4	5.08	54	4,458	832	0.065	82.56	5.36	1.059	0.99988
4137	1	0.47	1	28	792	0.001	28.00	0.04	1.000	0.99999
4138	1	2.40	1	144	746	0.001	144.00	0.19	1.000	0.99999
4141	3	9.85	5	820	81	0.062	164.00	10.12	1.250	0.99977
4151	1	0.47	1	28	1,238	0.001	28.00	0.02	1.000	0.99999
4153	1	2.70	1	162	1,298	0.001	162.00	0.12	1.000	0.99999
4154	1	3.13	91	17,108	1,150	0.079	188.00	14.88	1.000	0.99966
4155	2	2.38	2,087	114,916	2,067	1.010	55.06	55.60	1.012	0.99871
4171	5	20.13	35	10,200	670	0.052	291.43	15.22	1.000	0.99965
4172	17	86.73	224	61,464	1,690	0.133	274.39	36.37	1.023	0.99916
4173	2	13.35	74	10,806	621	0.119	146.03	17.40	1.014	0.99960
4182	3	2.90	1,029	33,401	1,010	1.019	32.46	33.07	1.025	0.99923
4211	8	30.05	83	12,741	957	0.087	153.51	13.31	1.000	0.99969
4212	12	26.53	869	118,699	804	1.081	136.59	147.64	1.081	0.99658
4222	1	1.60	1	96	1,024	0.001	96.00	0.09	1.000	0.99999
4224	7	28.53	26	6,043	758	0.034	232.42	7.97	1.040	0.99982
4313	2	1.48	2	89	316	0.006	44.50	0.28	1.000	0.99999
4322	1	0.83	1	50	92	0.011	50.00	0.54	1.000	0.99999
4324	1	1.40	1,228	103,745	1,236	0.994	84.48	83.94	1.000	0.99806

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4341	5	5.91	1,354	96,984	1,759	0.770	71.63	55.14	1.008	0.99872
4342	1	0.53	1	32	1,731	0.001	32.00	0.02	1.000	0.99999
4343	2	0.60	39	649	1,022	0.038	16.64	0.64	1.026	0.99999
4361	5	4.38	59	3,374	1,646	0.036	57.19	2.05	1.017	0.99995
4362	1	2.78	71	11,862	823	0.086	167.07	14.41	1.000	0.99967
4363	8	15.48	203	29,767	1,070	0.190	146.64	27.82	1.208	0.99936
4371	7	23.88	8	1,897	1,534	0.005	237.13	1.24	1.000	0.99997
4372	3	6.31	31	2,144	430	0.072	69.16	4.99	1.069	0.99988
4373	4	14.84	9	2,890	754	0.012	321.11	3.83	1.125	0.99991
4385	1	0.27	1	16	1,111	0.001	16.00	0.01	1.000	0.99999
4431	10	13.59	1,704	166,191	1,354	1.258	97.53	122.74	1.266	0.99716
4432	3	7.67	63	4,624	453	0.139	73.40	10.21	1.033	0.99976
4511	2	2.45	112	8,295	1,124	0.100	74.06	7.38	1.000	0.99983
4601	2	3.27	23	3,992	408	0.056	173.57	9.78	1.045	0.99977
4602	20	43.34	754	102,871	941	0.801	136.43	109.32	1.425	0.99747
4714	6	9.69	32	1,984	616	0.052	62.00	3.22	1.032	0.99993
5601	9	6.21	25	1,144	1,140	0.022	45.76	1.00	1.042	0.99998
5602	2	5.82	678	198,169	678	1.000	292.28	292.28	1.001	0.99323
5603	8	12.16	1,290	112,459	1,280	1.008	87.18	87.86	1.009	0.99797
5901	4	6.42	39	2,243	844	0.046	57.51	2.66	1.026	0.99994
5902	9	18.24	217	13,347	1,008	0.215	61.51	13.24	1.009	0.99969
5905	7	7.59	120	9,939	1,846	0.065	82.83	5.38	1.000	0.99988

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
6022	1	3.97	4	955	431	0.009	238.75	2.22	1.000	0.99995
6024	2	1.37	80	3,475	390	0.205	43.44	8.91	1.013	0.99979
6141	2	1.96	30	848	630	0.048	28.27	1.35	1.034	0.99997
6142	1	1.57	1	94	303	0.003	94.00	0.31	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	677	1,356.66	36,346	4,293,040	161,562	0.225	118.12	26.57	1.131	0.99938

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
7/1/2014 to 7/31/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.55	89	8,287	1,566	0.057	93.11	5.29	1.000	0.99988
1051	2	1.84	51	2,666	1,068	0.048	52.27	2.50	1.020	0.99994
1082	6	6.72	133	7,019	1,306	0.102	52.77	5.37	1.056	0.99988
1091	1	0.22	1	13	708	0.001	13.00	0.02	1.000	0.99999
1092	3	3.51	39	3,892	951	0.041	99.79	4.09	1.026	0.99991
1094	2	0.68	202	4,271	1,227	0.165	21.14	3.48	1.031	0.99992
1101	3	3.02	112	7,632	972	0.115	68.14	7.85	1.009	0.99982
1102	2	2.88	107	9,819	716	0.149	91.77	13.71	1.019	0.99969
1141	5	3.76	1,006	68,284	900	1.118	67.88	75.87	1.118	0.99830
1142	1	1.10	2	132	215	0.009	66.00	0.61	1.000	0.99999
1211	5	5.51	5	331	1,475	0.003	66.20	0.22	1.000	0.99999
1213	5	5.86	12	804	543	0.022	67.00	1.48	1.000	0.99997
1230	2	2.72	84	6,911	1,180	0.071	82.27	5.86	1.000	0.99987
1232	1	1.47	1	88	1,177	0.001	88.00	0.07	1.000	0.99999
1241	2	8.87	18	2,836	840	0.021	157.56	3.38	1.059	0.99992
1243	6	5.81	12	807	1,189	0.010	67.25	0.68	1.000	0.99998
1263	2	2.60	2	156	1,142	0.002	78.00	0.14	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1265	3	3.02	32	1,324	1,281	0.025	41.38	1.03	1.000	0.99998
1271	2	2.52	3	203	943	0.003	67.67	0.22	1.000	0.99999
1273	1	0.75	9	413	863	0.010	45.89	0.48	1.000	0.99999
1282	1	0.93	20	1,129	936	0.021	56.45	1.21	1.000	0.99997
1284	1	0.95	31	1,794	867	0.036	57.87	2.07	1.000	0.99995
1285	2	1.28	402	14,917	1,085	0.371	37.11	13.75	1.000	0.99969
1451	2	2.64	27	2,095	512	0.053	77.59	4.09	1.000	0.99991
1452	3	2.66	3	160	452	0.007	53.33	0.35	1.500	0.99999
1453	2	1.91	171	6,864	1,796	0.095	40.14	3.82	1.043	0.99991
1521	1	1.58	20	1,906	354	0.056	95.30	5.38	1.000	0.99988
1522	1	2.45	89	13,045	101	0.881	146.57	129.16	1.000	0.99711
1523	3	3.23	17	1,113	714	0.024	65.47	1.56	1.000	0.99997
1843	3	3.44	306	22,127	1,080	0.283	72.31	20.49	1.007	0.99954
2051	5	1.32	5	79	162	0.031	15.80	0.49	1.000	0.99999
2052	3	2.73	3	164	85	0.035	54.67	1.93	1.500	0.99996
2091	1	1.43	1	86	872	0.001	86.00	0.10	1.000	0.99999
2092	3	8.65	29	3,087	906	0.032	106.45	3.41	1.000	0.99992
2171	1	0.90	10	544	559	0.018	54.40	0.97	1.000	0.99998
2172	1	1.38	1	83	222	0.005	83.00	0.37	1.000	0.99999
2211	2	5.53	32	4,683	722	0.044	146.34	6.49	1.000	0.99985
2212	6	7.20	38	1,865	1,276	0.030	49.08	1.46	1.118	0.99997
2491	2	8.25	124	30,747	62	2.000	247.96	495.92	2.000	0.98889

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2492	2	4.25	30	4,336	29	1.034	144.53	149.52	1.000	0.99665
2501	5	6.72	5	403	80	0.063	80.60	5.04	1.000	0.99989
2511	9	11.67	59	6,720	618	0.095	113.90	10.87	1.017	0.99976
2621	8	10.58	64	5,340	1,154	0.055	83.44	4.63	1.000	0.99990
2921	1	0.92	1	55	411	0.002	55.00	0.13	1.000	0.99999
2951	5	4.67	5	280	1,380	0.004	56.00	0.20	1.000	0.99999
2961	1	0.68	18	742	645	0.028	41.22	1.15	1.000	0.99997
3081	3	5.60	15	1,346	568	0.026	89.73	2.37	1.154	0.99995
3121	2	2.86	71	5,025	1,120	0.063	70.77	4.49	1.000	0.99990
3122	1	0.95	16	917	844	0.019	57.31	1.09	1.000	0.99998
3221	3	9.87	21	4,053	1,232	0.017	193.00	3.29	1.050	0.99993
3222	5	17.03	13	4,623	765	0.017	355.62	6.04	1.083	0.99986
3231	3	3.25	30	1,619	412	0.073	53.97	3.93	1.000	0.99991
3232	1	1.33	13	1,048	425	0.031	80.62	2.47	1.000	0.99994
3302	1	1.38	15	1,249	879	0.017	83.27	1.42	1.000	0.99997
3303	1	0.92	10	553	978	0.010	55.30	0.57	1.000	0.99999
3311	11	34.16	61	16,781	535	0.114	275.10	31.37	1.017	0.99930
3315	1	1.43	13	1,119	1,568	0.008	86.08	0.71	1.000	0.99998
3422	7	11.08	39	2,194	967	0.040	56.26	2.27	1.054	0.99995
3423	2	2.46	39	2,830	384	0.102	72.56	7.37	1.000	0.99983
3471	14	11.70	1,402	82,059	1,359	1.032	58.53	60.38	1.034	0.99865
3472	3	2.52	50	2,158	1,563	0.032	43.16	1.38	1.020	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3553	6	14.69	6	882	1,028	0.006	147.00	0.86	1.000	0.99998
3591	2	1.35	23	1,107	1,139	0.020	48.13	0.97	1.000	0.99998
3592	12	14.06	1,832	272,401	1,724	1.063	148.69	158.01	1.060	0.99646
3621	5	4.57	121	6,013	1,553	0.078	49.69	3.87	1.017	0.99991
3661	3	2.81	173	10,728	1,018	0.170	62.01	10.54	1.006	0.99976
3662	3	5.63	1,501	87,020	760	1.975	57.97	114.50	2.004	0.99744
3663	10	9.27	219	16,209	782	0.280	74.01	20.73	1.028	0.99954
3664	3	3.58	3	215	517	0.006	71.67	0.42	1.000	0.99999
3675	1	2.15	1	129	413	0.002	129.00	0.31	1.000	0.99999
3691	3	2.96	63	2,696	1,144	0.055	42.79	2.36	1.016	0.99995
3702	5	4.18	62	4,703	605	0.102	75.85	7.77	1.127	0.99983
3751	3	3.56	3	214	872	0.003	71.33	0.25	1.000	0.99999
3872	1	0.95	1,067	61,174	1,068	0.999	57.33	57.28	1.000	0.99872
3873	2	3.28	74	7,316	792	0.093	98.86	9.24	1.000	0.99979
3878	3	3.33	90	6,692	782	0.115	74.36	8.56	1.047	0.99981
3891	1	0.55	13	439	440	0.030	33.77	1.00	1.000	0.99998
3892	1	0.95	1	57	473	0.002	57.00	0.12	1.000	0.99999
3893	4	6.37	76	5,972	1,095	0.069	78.58	5.45	1.027	0.99988
3901	2	2.46	54	2,975	877	0.062	55.09	3.39	1.102	0.99992
3903	1	1.25	1	75	287	0.003	75.00	0.26	1.000	0.99999
3912	1	4.57	1	274	956	0.001	274.00	0.29	1.000	0.99999
3913	1	1.32	5	396	806	0.006	79.20	0.49	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3952	5	5.46	92	5,982	1,249	0.074	65.02	4.79	1.011	0.99989
3953	1	1.30	8	625	517	0.015	78.13	1.21	1.000	0.99997
3971	1	0.78	15	709	658	0.023	47.27	1.08	1.000	0.99998
3981	6	7.15	60	4,344	1,497	0.040	72.40	2.90	1.034	0.99993
3982	5	3.67	281	9,705	1,760	0.160	34.54	5.51	1.007	0.99988
3991	6	5.30	26	2,048	724	0.036	78.77	2.83	1.000	0.99994
4031	8	9.11	750	48,953	697	1.076	65.27	70.23	1.079	0.99843
4091	1	0.58	1	35	1,141	0.001	35.00	0.03	1.000	0.99999
4092	1	3.40	1	204	420	0.002	204.00	0.49	1.000	0.99999
4101	1	4.40	53	13,997	579	0.092	264.09	24.17	1.000	0.99946
4102	2	1.38	904	35,742	905	0.999	39.54	39.49	1.001	0.99912
4131	4	7.74	589	77,838	197	2.990	132.15	395.12	3.005	0.99115
4132	28	20.99	112	5,690	568	0.197	50.80	10.02	1.000	0.99978
4134	2	0.80	2	48	832	0.002	24.00	0.06	1.000	0.99999
4137	1	1.28	792	61,657	792	1.000	77.85	77.85	1.000	0.99826
4138	1	1.93	1	116	746	0.001	116.00	0.16	1.000	0.99999
4141	1	0.98	1	59	81	0.012	59.00	0.73	1.000	0.99998
4142	5	16.94	90	15,235	589	0.153	169.28	25.87	1.139	0.99942
4151	1	1.67	1	100	1,239	0.001	100.00	0.08	1.000	0.99999
4152	1	3.12	84	15,738	790	0.106	187.36	19.92	1.000	0.99955
4154	2	3.25	32	2,060	1,152	0.028	64.38	1.79	1.000	0.99996
4155	2	1.33	2	80	2,071	0.001	40.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4171	2	1.43	2	86	672	0.003	43.00	0.13	1.000	0.99999
4172	8	8.53	64	5,422	1,692	0.038	84.72	3.20	1.016	0.99993
4181	1	0.28	39	681	485	0.080	17.46	1.40	1.000	0.99997
4182	2	1.65	11	424	1,011	0.011	38.55	0.42	1.000	0.99999
4211	1	1.10	1	66	958	0.001	66.00	0.07	1.000	0.99999
4212	4	5.68	42	3,738	804	0.052	89.00	4.65	1.000	0.99990
4222	1	1.08	40	2,617	1,027	0.039	65.43	2.55	1.000	0.99994
4224	3	1.22	63	1,097	759	0.083	17.41	1.45	1.016	0.99997
4303	1	0.90	13	705	928	0.014	54.23	0.76	1.000	0.99998
4311	2	2.70	32	1,522	1,050	0.030	47.56	1.45	1.000	0.99997
4312	1	0.27	331	5,296	834	0.397	16.00	6.35	1.000	0.99986
4332	1	2.37	77	11,002	302	0.255	142.88	36.43	1.000	0.99918
4341	8	10.42	94	5,457	1,761	0.053	58.05	3.10	1.044	0.99993
4342	3	2.56	75	3,796	1,734	0.043	50.61	2.19	1.071	0.99995
4343	5	3.43	1,135	54,257	1,022	1.111	47.80	53.09	1.111	0.99881
4361	2	1.04	31	1,400	1,647	0.019	45.16	0.85	1.000	0.99998
4362	1	0.40	39	952	823	0.047	24.41	1.16	1.000	0.99997
4363	2	5.08	8	1,781	1,073	0.007	222.63	1.66	1.000	0.99996
4371	1	2.28	82	11,279	1,534	0.053	137.55	7.35	1.000	0.99984
4372	1	1.48	12	1,069	430	0.028	89.08	2.49	1.000	0.99994
4373	3	9.25	17	4,318	754	0.023	254.00	5.73	1.063	0.99987
4383	1	1.05	62	3,886	142	0.437	62.68	27.37	1.000	0.99939

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4385	3	6.04	667	64,106	1,112	0.600	96.11	57.65	1.003	0.99871
4431	23	40.35	1,862	62,498	1,354	1.375	33.56	46.16	1.383	0.99897
4432	3	8.18	514	80,106	454	1.132	155.85	176.44	1.137	0.99605
4511	3	4.98	1,181	103,679	1,125	1.050	87.79	92.16	1.051	0.99794
4512	1	1.12	1	67	947	0.001	67.00	0.07	1.000	0.99999
4601	18	9.12	82	3,254	408	0.201	39.68	7.98	1.025	0.99982
4602	5	8.39	238	22,553	941	0.253	94.76	23.97	1.123	0.99946
4712	1	0.58	23	825	23	1.000	35.87	35.87	1.000	0.99920
4713	1	0.45	1	27	1	1.000	27.00	27.00	1.000	0.99940
4714	9	5.12	753	30,486	616	1.222	40.49	49.49	1.224	0.99889
5601	4	1.93	79	2,127	1,141	0.069	26.92	1.86	1.000	0.99996
5602	4	4.47	698	82,696	679	1.028	118.48	121.79	1.031	0.99727
5603	4	4.43	174	6,722	1,281	0.136	38.63	5.25	1.000	0.99988
5641	1	0.92	1	55	318	0.003	55.00	0.17	1.000	0.99999
5901	4	3.79	15	881	868	0.017	58.73	1.01	1.000	0.99998
5902	4	3.20	56	2,696	1,010	0.055	48.14	2.67	1.018	0.99994
5903	1	0.22	1	13	228	0.004	13.00	0.06	1.000	0.99999
5904	4	3.60	2,280	158,436	1,148	1.986	69.49	138.01	2.002	0.99691
5905	2	3.45	53	5,867	1,848	0.029	110.70	3.17	1.000	0.99993
6021	1	1.58	19	1,820	1,222	0.016	95.79	1.49	1.000	0.99997
6022	1	1.10	16	1,065	488	0.033	66.56	2.18	1.000	0.99995
6141	1	1.67	13	1,304	631	0.021	100.31	2.07	1.000	0.99995

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
6142	2	3.25	7	513	303	0.023	73.29	1.69	1.167	0.99996
6144	1	1.95	1	117	316	0.003	117.00	0.37	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	500	649.39	25,530	1,919,242	162,072	0.158	75.18	11.84	1.165	0.99973

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
8/1/2014 to 8/31/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1052	1	1.52	15	1,365	290	0.052	91.00	4.71	1.000	0.99989
1082	1	1.58	1	95	1,306	0.001	95.00	0.07	1.000	0.99999
1091	1	0.93	1	56	708	0.001	56.00	0.08	1.000	0.99999
1092	5	5.29	82	4,602	951	0.086	56.12	4.84	1.025	0.99989
1094	2	3.92	2	235	1,227	0.002	117.50	0.19	1.000	0.99999
1101	1	0.52	1	31	972	0.001	31.00	0.03	1.000	0.99999
1142	1	0.67	1	40	215	0.005	40.00	0.19	1.000	0.99999
1211	2	1.30	126	6,604	1,475	0.085	52.41	4.48	1.000	0.99990
1213	1	1.25	8	601	543	0.015	75.13	1.11	1.000	0.99998
1230	1	0.53	26	839	1,180	0.022	32.27	0.71	1.000	0.99998
1232	1	0.52	43	1,333	1,177	0.037	31.00	1.13	1.000	0.99997
1233	1	10.03	1	602	639	0.002	602.00	0.94	1.000	0.99998
1241	4	8.51	75	10,345	840	0.089	137.93	12.32	1.042	0.99972
1242	1	0.57	675	23,523	675	1.000	34.85	34.85	1.000	0.99922
1243	2	2.02	15	869	1,189	0.013	57.93	0.73	1.071	0.99998
1261	1	0.50	1	30	384	0.003	30.00	0.08	1.000	0.99999
1263	1	0.52	27	846	1,142	0.024	31.33	0.74	1.000	0.99998

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1271	2	1.82	2	109	943	0.002	54.50	0.12	2.000	0.99999
1282	4	3.66	191	10,140	936	0.204	53.09	10.83	1.005	0.99976
1285	2	1.43	186	11,885	1,085	0.171	63.90	10.95	1.039	0.99975
1451	1	0.82	15	743	512	0.029	49.53	1.45	1.000	0.99997
1453	2	2.40	12	870	1,796	0.007	72.50	0.48	2.000	0.99999
1454	1	1.83	74	8,137	928	0.080	109.96	8.77	1.000	0.99980
1522	1	1.15	1	69	101	0.010	69.00	0.68	1.000	0.99998
1523	1	0.67	12	483	714	0.017	40.25	0.68	1.000	0.99998
1841	2	0.70	2	42	627	0.003	21.00	0.07	1.000	0.99999
1843	20	42.82	245	37,486	1,080	0.227	153.00	34.71	1.034	0.99922
2051	1	0.98	1	59	162	0.006	59.00	0.36	1.000	0.99999
2091	4	10.61	51	4,179	872	0.058	81.94	4.79	1.000	0.99989
2092	5	6.33	63	4,973	906	0.070	78.94	5.49	1.000	0.99988
2211	2	1.55	26	1,365	722	0.036	52.50	1.89	1.000	0.99996
2212	1	0.35	1	21	1,276	0.001	21.00	0.02	1.000	0.99999
2511	1	1.75	1	105	618	0.002	105.00	0.17	1.000	0.99999
2621	4	8.80	315	51,551	1,154	0.273	163.65	44.67	1.000	0.99900
2921	2	3.18	2	191	411	0.005	95.50	0.46	1.000	0.99999
2951	4	6.41	17	1,111	1,380	0.012	65.35	0.81	1.000	0.99998
2961	2	10.65	79	26,184	645	0.122	331.44	40.60	1.000	0.99909
3082	1	1.28	8	619	321	0.025	77.38	1.93	1.000	0.99996
3121	1	2.12	4	508	1,120	0.004	127.00	0.45	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3181	2	3.82	2	229	719	0.003	114.50	0.32	1.000	0.99999
3221	5	5.22	153	10,217	1,232	0.124	66.78	8.29	2.833	0.99981
3222	2	3.15	2	189	765	0.003	94.50	0.25	1.000	0.99999
3231	1	0.95	1	57	412	0.002	57.00	0.14	1.000	0.99999
3302	1	0.62	617	23,289	879	0.702	37.75	26.49	1.000	0.99941
3311	8	9.65	486	40,644	535	0.908	83.63	75.97	1.017	0.99830
3313	2	2.40	514	37,290	1,252	0.411	72.55	29.78	1.512	0.99933
3315	2	1.87	32	1,026	1,568	0.020	32.06	0.65	1.000	0.99999
3421	3	4.63	42	3,916	288	0.146	93.24	13.60	1.000	0.99970
3422	4	6.58	28	2,357	967	0.029	84.18	2.44	2.800	0.99995
3471	10	13.62	29	2,738	1,359	0.021	94.41	2.01	1.036	0.99995
3472	1	1.23	4	298	1,563	0.003	74.50	0.19	1.000	0.99999
3551	1	1.83	65	7,205	1,034	0.063	110.85	6.97	1.000	0.99984
3552	1	1.18	1	71	570	0.002	71.00	0.12	1.000	0.99999
3553	3	3.90	6	425	1,028	0.006	70.83	0.41	1.000	0.99999
3591	1	0.90	1	54	1,139	0.001	54.00	0.05	1.000	0.99999
3592	3	2.95	23	1,341	1,724	0.013	58.30	0.78	1.917	0.99998
3661	4	11.49	357	91,386	1,018	0.351	255.98	89.77	1.053	0.99799
3662	1	1.53	1	92	760	0.001	92.00	0.12	1.000	0.99999
3663	1	1.02	1	61	782	0.001	61.00	0.08	1.000	0.99999
3691	1	0.92	11	611	1,144	0.010	55.55	0.53	1.000	0.99999
3692	1	1.92	1	115	407	0.002	115.00	0.28	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3694	3	4.45	17	1,459	1,254	0.014	85.82	1.16	1.000	0.99997
3701	1	1.28	1	77	479	0.002	77.00	0.16	1.000	0.99999
3751	3	5.40	21	4,282	872	0.024	203.90	4.91	1.000	0.99989
3871	1	0.48	29	852	1,386	0.021	29.38	0.61	1.000	0.99999
3872	1	0.28	15	259	1,068	0.014	17.27	0.24	1.000	0.99999
3893	8	15.32	22	2,522	1,095	0.020	114.64	2.30	1.158	0.99995
3894	1	1.38	1	83	118	0.008	83.00	0.70	1.000	0.99998
3901	2	2.84	46	2,216	877	0.052	48.17	2.53	1.000	0.99994
3902	3	3.86	29	3,031	98	0.296	104.52	30.93	1.000	0.99931
3951	4	3.51	38	2,435	908	0.042	64.08	2.68	1.027	0.99994
3952	3	4.15	3	249	1,249	0.002	83.00	0.20	1.000	0.99999
3953	3	4.47	117	11,826	517	0.226	101.08	22.87	1.045	0.99949
3971	2	4.62	656	113,070	658	0.997	172.36	171.84	1.002	0.99615
3991	3	3.55	69	5,385	724	0.095	78.04	7.44	1.015	0.99983
4091	6	6.43	220	16,640	1,141	0.193	75.64	14.58	1.014	0.99967
4092	2	2.13	2	128	420	0.005	64.00	0.30	1.000	0.99999
4101	1	1.55	17	1,587	579	0.029	93.35	2.74	1.000	0.99994
4102	2	6.99	144	30,238	905	0.159	209.99	33.41	1.014	0.99925
4137	2	1.25	793	7,656	792	1.001	9.65	9.67	1.001	0.99978
4141	2	2.95	4	313	81	0.049	78.25	3.86	1.333	0.99991
4142	1	1.63	1	98	589	0.002	98.00	0.17	1.000	0.99999
4151	4	3.68	1,263	56,156	1,239	1.019	44.46	45.32	1.020	0.99898

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4152	2	1.55	792	30,061	790	1.003	37.96	38.05	1.001	0.99915
4153	2	4.07	35	5,937	1,299	0.027	169.63	4.57	1.000	0.99990
4154	1	0.63	1,148	43,834	1,152	0.997	38.18	38.05	1.000	0.99915
4172	7	7.60	130	7,543	1,692	0.077	58.02	4.46	1.016	0.99990
4211	6	6.75	28	1,815	958	0.029	64.82	1.89	1.000	0.99996
4212	4	4.58	88	5,427	804	0.109	61.67	6.75	1.000	0.99985
4222	2	1.77	1,023	86,312	1,027	0.996	84.37	84.04	1.001	0.99812
4223	1	0.72	73	3,182	739	0.099	43.59	4.31	1.000	0.99990
4302	1	3.75	7	1,576	647	0.011	225.14	2.44	1.000	0.99995
4303	4	5.41	151	8,071	928	0.163	53.45	8.70	1.007	0.99981
4313	1	2.82	1	169	316	0.003	169.00	0.53	1.000	0.99999
4324	4	4.41	1,263	43,818	1,241	1.018	34.69	35.31	1.029	0.99921
4341	2	14.10	1,766	1,394,275	1,761	1.003	789.51	791.75	1.006	0.98226
4342	2	16.23	1,729	1,372,386	1,734	0.997	793.75	791.46	1.001	0.98227
4343	1	13.23	1,022	811,621	1,022	1.000	794.15	794.15	1.000	0.98221
4361	2	1.27	63	2,223	1,647	0.038	35.29	1.35	1.000	0.99997
4371	1	0.60	55	2,010	1,534	0.036	36.55	1.31	1.000	0.99997
4385	1	0.75	1	45	1,112	0.001	45.00	0.04	1.000	0.99999
4386	1	4.08	39	9,488	1,650	0.024	243.28	5.75	1.000	0.99987
4431	3	5.52	3	331	1,354	0.002	110.33	0.24	1.000	0.99999
4601	2	1.63	7	501	408	0.017	71.57	1.23	1.000	0.99997
4602	1	1.23	53	3,898	941	0.056	73.55	4.14	1.000	0.99991

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4714	1	0.37	15	339	616	0.024	22.60	0.55	1.000	0.99999
5601	5	6.74	110	7,769	1,141	0.096	70.63	6.81	1.009	0.99985
5602	1	1.05	1	63	679	0.001	63.00	0.09	1.000	0.99999
5603	4	3.84	106	6,303	1,281	0.083	59.46	4.92	1.000	0.99989
5902	1	0.45	8	218	1,010	0.008	27.25	0.22	1.000	0.99999
5904	2	3.11	40	1,098	1,148	0.035	27.45	0.96	1.000	0.99998
5905	1	0.48	1	29	1,848	0.001	29.00	0.02	1.000	0.99999
6141	3	2.99	27	1,623	631	0.043	60.11	2.57	1.500	0.99994
6142	1	2.25	1	135	303	0.003	135.00	0.45	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	277	439.05	18,079	4,549,119	162,072	0.112	251.62	28.07	1.026	0.99937

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 9/1/2014 to 9/30/2014
 INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	0.38	1	23	1,566	0.001	23.00	0.01	1.000	0.99999
1082	7	19.68	61	6,081	1,306	0.047	99.69	4.66	1.052	0.99989
1091	4	6.78	94	8,583	708	0.133	91.31	12.12	1.000	0.99972
1092	3	5.33	39	7,018	951	0.041	179.95	7.38	1.054	0.99983
1094	7	32.65	125	21,254	1,227	0.102	170.03	17.32	1.078	0.99960
1101	2	8.05	161	36,926	972	0.166	229.35	37.99	1.000	0.99912
1102	4	3.71	4	222	716	0.006	55.50	0.31	1.000	0.99999
1141	1	0.97	69	3,984	900	0.077	57.74	4.43	1.000	0.99990
1142	1	1.28	1	77	215	0.005	77.00	0.36	1.000	0.99999
1211	6	6.42	131	8,500	1,475	0.089	64.89	5.76	1.031	0.99987
1212	1	1.42	1	85	327	0.003	85.00	0.26	1.000	0.99999
1213	4	5.27	20	1,770	543	0.037	88.50	3.26	1.000	0.99992
1230	1	1.35	42	3,412	1,180	0.036	81.24	2.89	1.000	0.99993
1232	2	0.70	2	42	1,177	0.002	21.00	0.04	1.000	0.99999
1233	1	1.03	52	3,224	639	0.081	62.00	5.05	1.000	0.99988
1241	4	10.23	118	26,263	840	0.140	222.57	31.27	1.553	0.99928
1242	1	0.58	1	35	675	0.001	35.00	0.05	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1243	3	3.26	9	608	1,189	0.008	67.56	0.51	1.000	0.99999
1261	12	32.49	427	18,721	384	1.112	43.84	48.75	1.115	0.99887
1262	2	12.30	19	7,047	141	0.135	370.89	49.98	1.056	0.99884
1263	2	3.40	2,274	233,122	1,142	1.991	102.52	204.13	2.000	0.99527
1265	3	6.01	2,569	417,993	1,281	2.005	162.71	326.30	2.007	0.99245
1267	3	15.17	3	910	79	0.038	303.33	11.52	1.000	0.99973
1271	5	14.94	25	8,719	943	0.027	348.76	9.25	1.000	0.99979
1273	2	16.31	14	9,718	863	0.016	694.14	11.26	1.000	0.99974
1282	1	1.45	27	2,364	936	0.029	87.56	2.53	1.000	0.99994
1285	1	0.90	179	9,827	1,085	0.165	54.90	9.06	1.000	0.99979
1452	1	1.15	1	69	452	0.002	69.00	0.15	1.000	0.99999
1453	3	8.53	41	3,862	1,796	0.023	94.20	2.15	1.000	0.99995
1454	2	10.38	201	113,943	928	0.217	566.88	122.78	1.005	0.99716
1521	1	2.62	1	157	354	0.003	157.00	0.44	1.000	0.99999
1522	2	6.57	2	394	101	0.020	197.00	3.90	1.000	0.99991
1523	1	4.32	1	259	714	0.001	259.00	0.36	1.000	0.99999
1841	1	0.97	1	58	627	0.002	58.00	0.09	1.000	0.99999
1842	2	1.80	47	2,020	280	0.168	42.98	7.21	1.022	0.99983
1843	1	4.93	23	6,809	1,080	0.021	296.04	6.30	1.000	0.99985
2051	9	6.04	16	662	162	0.099	41.38	4.09	1.000	0.99991
2052	2	2.43	2	146	85	0.024	73.00	1.72	1.000	0.99996
2091	5	12.24	5	735	872	0.006	147.00	0.84	1.000	0.99998

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2092	2	4.28	7	800	906	0.008	114.29	0.88	1.000	0.99998
2171	1	0.45	1	27	559	0.002	27.00	0.05	1.000	0.99999
2172	7	6.98	7	419	222	0.032	59.86	1.89	1.000	0.99996
2211	3	4.78	55	5,247	722	0.076	95.40	7.27	1.000	0.99983
2212	2	2.32	40	2,198	1,276	0.031	54.95	1.72	1.026	0.99996
2621	6	10.16	168	24,072	1,154	0.146	143.29	20.86	1.043	0.99952
2921	20	132.78	1,061	475,509	411	2.582	448.17	1156.96	2.588	0.97322
2951	3	2.61	10	511	1,380	0.007	51.10	0.37	1.111	0.99999
2961	3	3.85	49	4,135	645	0.076	84.39	6.41	1.000	0.99985
3081	1	1.73	1	104	568	0.002	104.00	0.18	1.000	0.99999
3121	1	1.10	7	468	1,120	0.006	66.86	0.42	1.000	0.99999
3122	1	1.02	1	61	844	0.001	61.00	0.07	1.000	0.99999
3123	1	2.45	1	147	1,035	0.001	147.00	0.14	1.000	0.99999
3181	1	1.07	1	64	719	0.001	64.00	0.09	1.000	0.99999
3221	1	2.70	1	162	1,232	0.001	162.00	0.13	1.000	0.99999
3222	3	3.53	3	212	765	0.004	70.67	0.28	1.000	0.99999
3231	1	0.33	2	40	412	0.005	20.00	0.10	1.000	0.99999
3302	1	2.50	1	150	879	0.001	150.00	0.17	1.000	0.99999
3303	1	0.70	11	472	978	0.011	42.91	0.48	1.000	0.99999
3315	5	7.08	58	4,803	1,568	0.037	82.81	3.06	1.018	0.99993
3422	5	4.12	29	2,325	967	0.030	80.17	2.40	1.036	0.99994
3471	6	28.83	123	10,576	764	0.161	85.98	13.84	1.070	0.99968

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3472	7	4.28	24	956	1,563	0.015	39.83	0.61	1.043	0.99999
3551	1	0.60	578	20,952	1,034	0.559	36.25	20.26	1.000	0.99953
3553	2	3.74	60	6,010	1,028	0.058	100.17	5.85	1.132	0.99986
3591	4	4.14	30	1,210	1,139	0.026	40.33	1.06	1.000	0.99998
3592	6	8.16	1,828	121,246	1,724	1.060	66.33	70.33	1.058	0.99837
3594	2	3.24	2	194	656	0.003	97.00	0.30	1.000	0.99999
3621	5	7.21	36	4,372	1,553	0.023	121.44	2.82	1.029	0.99993
3661	4	4.96	62	5,116	1,018	0.061	82.52	5.03	1.000	0.99988
3663	1	1.58	1	95	782	0.001	95.00	0.12	1.000	0.99999
3664	6	9.92	94	8,327	517	0.182	88.59	16.11	1.000	0.99963
3671	1	0.65	6	236	494	0.012	39.33	0.48	1.000	0.99999
3675	2	2.12	87	4,680	413	0.211	53.79	11.33	1.000	0.99974
3691	1	2.33	1	140	1,144	0.001	140.00	0.12	1.000	0.99999
3692	2	5.22	408	48,794	407	1.002	119.59	119.89	1.468	0.99722
3693	1	1.55	1	93	183	0.005	93.00	0.51	1.000	0.99999
3694	1	3.93	10	2,361	1,254	0.008	236.10	1.88	1.000	0.99996
3701	1	1.13	12	824	479	0.025	68.67	1.72	1.000	0.99996
3702	4	6.50	48	5,286	605	0.079	110.13	8.74	1.021	0.99980
3751	3	7.67	50	14,719	872	0.057	294.38	16.88	1.000	0.99961
3872	1	2.62	56	8,809	1,068	0.052	157.30	8.25	1.000	0.99981
3891	10	96.72	471	376,941	440	1.070	800.30	856.68	1.073	0.98017
3892	3	13.62	8	2,608	473	0.017	326.00	5.51	1.000	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3893	13	71.15	69	59,137	1,095	0.063	857.06	54.01	1.078	0.99875
3894	3	38.18	19	11,818	118	0.161	622.00	100.15	1.118	0.99768
3901	1	1.17	45	3,176	877	0.051	70.58	3.62	1.000	0.99992
3912	1	14.73	156	138,049	956	0.163	884.93	144.40	1.000	0.99666
3913	7	36.55	67	34,182	806	0.083	510.18	42.41	1.081	0.99902
3914	1	0.43	1	26	33	0.030	26.00	0.79	1.000	0.99998
3951	5	15.82	196	43,039	908	0.216	219.59	47.40	1.016	0.99890
3952	6	14.36	286	35,615	1,249	0.229	124.53	28.51	1.036	0.99934
3953	1	0.17	57	578	517	0.110	10.14	1.12	1.000	0.99997
3971	1	0.82	3	147	658	0.005	49.00	0.22	1.000	0.99999
3981	6	8.64	67	7,627	1,497	0.045	113.84	5.09	1.031	0.99988
3982	4	4.05	313	16,529	1,760	0.178	52.81	9.39	1.000	0.99978
3991	3	1.97	31	1,118	724	0.043	36.06	1.54	1.069	0.99996
4031	3	3.32	271	15,103	697	0.389	55.73	21.67	1.007	0.99950
4091	1	1.13	1	68	1,141	0.001	68.00	0.06	1.000	0.99999
4101	3	5.58	55	12,526	579	0.095	227.75	21.63	1.000	0.99950
4102	3	2.52	3	151	905	0.003	50.33	0.17	1.000	0.99999
4131	2	1.89	240	12,602	197	1.218	52.51	63.97	1.224	0.99852
4132	13	13.32	22	1,412	568	0.039	64.18	2.49	1.000	0.99994
4142	1	1.43	1	86	589	0.002	86.00	0.15	1.000	0.99999
4151	1	1.03	1	62	1,239	0.001	62.00	0.05	1.000	0.99999
4152	3	1.35	89	2,827	790	0.113	31.76	3.58	1.203	0.99992

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4153	3	5.60	28	3,399	1,299	0.022	121.39	2.62	1.000	0.99994
4154	2	3.51	91	8,125	1,152	0.079	89.29	7.05	1.000	0.99984
4155	1	1.20	1	72	2,071	0.000	72.00	0.03	1.000	0.99999
4172	5	6.77	47	3,495	1,692	0.028	74.36	2.07	1.022	0.99995
4181	3	3.97	569	54,077	485	1.173	95.04	111.50	1.161	0.99742
4182	2	1.00	6	220	1,011	0.006	36.67	0.22	1.000	0.99999
4211	7	11.03	174	13,122	958	0.182	75.41	13.70	1.018	0.99968
4212	6	13.82	36	8,132	804	0.045	225.89	10.11	1.000	0.99977
4223	1	7.23	73	31,700	739	0.099	434.25	42.90	1.000	0.99901
4224	3	65.88	52	56,045	759	0.069	1077.79	73.84	1.020	0.99829
4302	6	36.50	234	200,413	647	0.362	856.47	309.76	1.013	0.99283
4311	1	1.53	1	92	1,050	0.001	92.00	0.09	1.000	0.99999
4324	7	27.90	96	11,210	1,241	0.077	116.77	9.03	1.032	0.99979
4341	7	9.63	43	2,794	1,761	0.024	64.98	1.59	1.075	0.99996
4342	3	3.65	48	3,900	1,734	0.028	81.25	2.25	1.021	0.99995
4343	3	3.38	185	9,439	1,022	0.181	51.02	9.24	1.022	0.99979
4361	3	3.61	3	216	1,647	0.002	72.00	0.13	1.500	0.99999
4362	3	3.04	79	5,271	823	0.096	66.72	6.40	1.026	0.99985
4363	4	3.22	110	10,120	1,073	0.103	92.00	9.43	1.028	0.99978
4372	4	11.69	18	2,263	430	0.042	125.72	5.26	1.200	0.99988
4373	6	10.04	30	1,901	754	0.040	63.37	2.52	1.034	0.99994
4385	1	3.30	79	15,674	1,112	0.071	198.41	14.10	1.000	0.99967

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4431	5	4.96	17	1,125	1,354	0.013	66.18	0.83	1.133	0.99998
4432	4	8.20	11	1,196	454	0.024	108.73	2.63	1.222	0.99994
4511	1	0.47	8	228	1,125	0.007	28.50	0.20	1.000	0.99999
4512	1	2.75	1	165	947	0.001	165.00	0.17	1.000	0.99999
4601	1	0.23	1	14	408	0.002	14.00	0.03	1.000	0.99999
4602	1	1.45	9	790	941	0.010	87.78	0.84	1.000	0.99998
4714	3	16.58	93	41,545	616	0.151	446.72	67.44	1.022	0.99844
5601	5	3.52	161	7,220	1,141	0.141	44.84	6.33	1.019	0.99985
5603	6	14.75	1,305	250,433	1,281	1.019	191.90	195.50	1.020	0.99547
5902	20	121.04	1,560	337,814	1,010	1.545	216.55	334.47	2.039	0.99226
5904	5	21.89	415	141,719	1,148	0.361	341.49	123.45	1.005	0.99714
5905	3	6.10	73	8,154	1,848	0.040	111.70	4.41	1.014	0.99990
6021	4	3.13	143	6,354	1,222	0.117	44.43	5.20	1.007	0.99988
6023	1	1.15	6	414	122	0.049	69.00	3.39	1.000	0.99992
6141	3	2.70	11	1,076	631	0.017	97.82	1.71	1.000	0.99996
6144	1	1.60	30	2,891	316	0.095	96.37	9.15	1.000	0.99979
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	484	1,378.93	20,159	3,770,809	162,071	0.124	187.05	23.27	1.288	0.99946

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
10/1/2014 to 10/31/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1051	2	1.57	25	999	1,068	0.023	39.96	0.94	1.042	0.99998
1082	9	21.54	96	16,780	1,306	0.074	174.79	12.85	1.032	0.99971
1091	1	1.82	46	5,038	708	0.065	109.52	7.12	1.000	0.99984
1092	2	2.38	108	13,531	951	0.114	125.29	14.23	1.009	0.99968
1094	14	16.90	1,253	45,261	1,227	1.021	36.12	36.89	1.026	0.99917
1101	2	1.70	2	102	972	0.002	51.00	0.10	1.000	0.99999
1102	2	8.48	74	8,514	716	0.103	115.05	11.89	1.014	0.99973
1141	1	6.55	17	6,681	900	0.019	393.00	7.42	1.000	0.99983
1142	1	1.13	1	68	215	0.005	68.00	0.32	1.000	0.99999
1211	8	6.80	117	7,153	1,475	0.079	61.14	4.85	1.000	0.99989
1212	1	0.37	1	22	327	0.003	22.00	0.07	1.000	0.99999
1213	2	2.42	3	228	543	0.006	76.00	0.42	1.000	0.99999
1232	1	0.92	1	55	1,177	0.001	55.00	0.05	1.000	0.99999
1243	6	6.53	82	3,020	1,189	0.069	36.83	2.54	1.025	0.99994
1263	1	0.78	36	1,701	1,142	0.032	47.25	1.49	1.000	0.99997
1271	4	5.85	28	2,167	943	0.030	77.39	2.30	1.037	0.99995
1282	1	0.68	1	41	936	0.001	41.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1284	1	0.17	1	10	867	0.001	10.00	0.01	1.000	0.99999
1285	1	0.57	1	34	1,085	0.001	34.00	0.03	1.000	0.99999
1453	1	1.20	1	72	1,796	0.001	72.00	0.04	1.000	0.99999
1454	3	3.13	202	19,935	928	0.218	98.69	21.48	1.010	0.99952
1521	1	0.97	1	58	354	0.003	58.00	0.16	1.000	0.99999
1523	3	2.83	722	37,976	714	1.011	52.60	53.19	1.814	0.99881
1842	1	0.70	46	1,950	280	0.164	42.39	6.96	1.000	0.99984
1843	4	3.34	71	2,289	1,080	0.066	32.24	2.12	1.092	0.99995
2091	1	3.48	1	209	872	0.001	209.00	0.24	1.000	0.99999
2092	3	4.01	59	4,942	906	0.065	83.76	5.45	1.073	0.99988
2171	1	0.60	1	36	559	0.002	36.00	0.06	1.000	0.99999
2172	1	0.28	1	17	222	0.005	17.00	0.08	1.000	0.99999
2212	2	2.59	9	715	1,276	0.007	79.44	0.56	1.000	0.99999
2491	1	1.57	44	4,165	62	0.710	94.66	67.18	1.000	0.99850
2621	6	6.61	24	1,425	1,154	0.021	59.38	1.23	1.043	0.99997
2921	4	8.60	25	1,856	411	0.061	74.24	4.52	1.042	0.99990
2951	5	4.76	5	286	1,380	0.004	57.20	0.21	1.000	0.99999
2952	1	1.35	1	81	151	0.007	81.00	0.54	1.000	0.99999
2961	5	12.13	29	10,985	645	0.045	378.79	17.03	1.036	0.99962
3081	1	0.73	31	1,385	568	0.055	44.68	2.44	1.000	0.99995
3121	5	8.06	66	4,664	1,120	0.059	70.67	4.16	1.000	0.99991
3122	5	15.78	27	7,368	844	0.032	272.89	8.73	1.000	0.99980

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3123	1	0.73	17	764	1,035	0.016	44.94	0.74	1.000	0.99998
3181	1	0.78	1	47	719	0.001	47.00	0.07	1.000	0.99999
3221	4	3.75	9	585	1,232	0.007	65.00	0.47	1.000	0.99999
3222	1	1.15	15	1,035	765	0.020	69.00	1.35	1.000	0.99997
3231	1	1.22	1	73	412	0.002	73.00	0.18	1.000	0.99999
3302	2	1.68	30	1,528	879	0.034	50.93	1.74	1.154	0.99996
3303	1	1.18	7	497	978	0.007	71.00	0.51	1.000	0.99999
3305	1	1.93	1	116	18	0.056	116.00	6.44	1.000	0.99986
3314	1	3.57	1	214	222	0.005	214.00	0.96	1.000	0.99998
3315	1	1.43	2	173	1,568	0.001	86.50	0.11	1.000	0.99999
3422	5	5.35	48	2,798	967	0.050	58.29	2.89	1.021	0.99994
3423	2	0.37	2	22	384	0.005	11.00	0.06	1.000	0.99999
3471	10	8.72	15	1,079	169	0.089	71.93	6.38	1.071	0.99986
3472	5	4.54	62	5,742	1,563	0.040	92.61	3.67	1.033	0.99992
3551	6	11.77	1,284	165,662	1,034	1.242	129.02	160.21	1.242	0.99641
3552	1	3.07	5	922	570	0.009	184.40	1.62	1.000	0.99996
3553	2	2.20	34	2,229	1,028	0.033	65.56	2.17	1.000	0.99995
3591	1	7.10	12	5,115	1,139	0.011	426.25	4.49	1.000	0.99990
3592	4	3.75	96	6,240	1,724	0.056	65.00	3.62	1.011	0.99992
3593	2	3.52	43	2,466	933	0.046	57.35	2.64	1.024	0.99994
3594	2	2.03	7	452	656	0.011	64.57	0.69	1.167	0.99998
3621	2	2.83	2	170	1,553	0.001	85.00	0.11	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3661	3	5.80	1,031	49,518	1,018	1.013	48.03	48.64	1.013	0.99891
3662	1	0.75	749	34,066	760	0.986	45.48	44.82	1.000	0.99900
3663	8	10.36	855	41,072	782	1.093	48.04	52.52	1.098	0.99882
3664	3	4.87	555	24,136	517	1.074	43.49	46.68	1.080	0.99895
3671	1	2.43	6	876	494	0.012	146.00	1.77	1.000	0.99996
3691	1	1.45	1	87	1,144	0.001	87.00	0.08	1.000	0.99999
3692	1	0.48	1	29	407	0.002	29.00	0.07	1.000	0.99999
3701	2	2.11	12	877	479	0.025	73.08	1.83	1.000	0.99996
3702	1	0.72	1	43	605	0.002	43.00	0.07	1.000	0.99999
3751	5	7.25	76	21,188	872	0.087	278.79	24.30	1.041	0.99946
3871	1	3.05	1	183	1,386	0.001	183.00	0.13	1.000	0.99999
3872	1	0.90	1	54	1,068	0.001	54.00	0.05	1.000	0.99999
3878	3	2.06	52	2,181	782	0.066	41.94	2.79	1.000	0.99994
3891	1	2.07	10	1,247	440	0.023	124.70	2.83	1.000	0.99994
3893	3	3.30	25	1,278	1,095	0.023	51.12	1.17	1.042	0.99997
3901	1	0.32	16	312	877	0.018	19.50	0.36	1.000	0.99999
3912	2	9.77	5	1,797	956	0.005	359.40	1.88	1.000	0.99996
3913	2	3.59	14	1,813	806	0.017	129.50	2.25	1.000	0.99995
3951	5	11.47	537	97,819	908	0.591	182.16	107.73	1.029	0.99759
3952	2	1.45	94	4,128	1,249	0.075	43.91	3.31	1.000	0.99993
3953	4	11.28	578	88,770	517	1.118	153.58	171.70	1.118	0.99615
3981	6	6.31	48	2,827	1,497	0.032	58.90	1.89	1.021	0.99996

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3982	5	5.19	81	4,414	1,760	0.046	54.49	2.51	1.038	0.99994
3991	1	3.35	1	201	724	0.001	201.00	0.28	1.000	0.99999
403	1	2.38	1	143	266	0.004	143.00	0.54	1.000	0.99999
4031	2	7.97	270	62,300	697	0.387	230.74	89.38	1.004	0.99800
4091	2	0.91	80	1,920	1,141	0.070	24.00	1.68	1.013	0.99996
4092	5	9.35	14	1,511	420	0.033	107.93	3.60	1.000	0.99992
4101	1	0.82	59	2,937	579	0.102	49.78	5.07	1.000	0.99989
4137	1	1.30	23	1,813	792	0.029	78.83	2.29	1.000	0.99995
4138	2	2.96	53	2,611	746	0.071	49.26	3.50	1.000	0.99992
4141	1	2.18	1	131	81	0.012	131.00	1.62	1.000	0.99996
4142	1	1.63	1	98	589	0.002	98.00	0.17	1.000	0.99999
4151	1	0.37	99	2,232	1,239	0.080	22.55	1.80	1.000	0.99996
4152	1	0.45	21	573	790	0.027	27.29	0.73	1.000	0.99998
4153	2	1.82	54	1,994	1,299	0.042	36.93	1.54	1.019	0.99997
4154	1	0.82	1	49	1,152	0.001	49.00	0.04	1.000	0.99999
4155	3	5.08	252	35,962	2,071	0.122	142.71	17.36	1.068	0.99961
4171	2	2.38	730	36,407	672	1.086	49.87	54.18	1.093	0.99879
4172	10	10.05	1,733	81,667	1,692	1.024	47.12	48.27	1.022	0.99892
4173	4	4.43	718	37,280	621	1.156	51.92	60.03	1.156	0.99866
4181	1	2.25	7	950	485	0.014	135.71	1.96	1.000	0.99996
4182	2	1.95	30	1,897	1,011	0.030	63.23	1.88	1.000	0.99996
4211	5	8.50	10	810	958	0.010	81.00	0.85	1.111	0.99998

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4212	3	2.69	9	483	804	0.011	53.67	0.60	1.000	0.99999
4222	3	0.63	457	3,670	1,027	0.445	8.03	3.57	1.004	0.99992
4223	1	0.68	1	41	739	0.001	41.00	0.06	1.000	0.99999
4311	4	4.62	49	3,781	1,050	0.047	77.16	3.60	1.065	0.99992
432	2	2.63	92	13,076	91	1.011	142.13	143.69	1.011	0.99678
4324	2	1.56	27	1,289	1,241	0.022	47.74	1.04	1.080	0.99998
433	1	0.35	1	21	79	0.013	21.00	0.27	1.000	0.99999
4332	1	1.32	1	79	302	0.003	79.00	0.26	1.000	0.99999
434	1	1.43	1	86	20	0.050	86.00	4.30	1.000	0.99990
4341	5	5.84	78	3,754	1,761	0.044	48.13	2.13	1.040	0.99995
4342	2	2.07	65	3,953	1,734	0.037	60.82	2.28	1.000	0.99995
4343	1	1.77	1	106	1,022	0.001	106.00	0.10	1.000	0.99999
4361	5	4.59	41	2,797	1,647	0.025	68.22	1.70	1.000	0.99996
4362	1	2.70	1	162	823	0.001	162.00	0.20	1.000	0.99999
4363	2	8.75	31	12,540	1,073	0.029	404.52	11.69	1.000	0.99974
4371	8	4.39	1,570	32,868	1,534	1.023	20.94	21.43	1.024	0.99952
4372	3	10.59	3	635	430	0.007	211.67	1.48	1.000	0.99997
4373	4	9.32	42	7,983	754	0.056	190.07	10.59	1.077	0.99976
4431	4	4.05	40	2,989	1,354	0.030	74.73	2.21	1.000	0.99995
4432	2	3.21	65	7,614	454	0.143	117.14	16.77	1.000	0.99962
4714	1	0.30	1	18	616	0.002	18.00	0.03	1.000	0.99999
5601	5	2.67	97	3,269	1,141	0.085	33.70	2.87	1.021	0.99994

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
5603	2	3.43	6	630	1,281	0.005	105.00	0.49	1.200	0.99999
5902	1	1.55	8	746	1,010	0.008	93.25	0.74	1.000	0.99998
5904	3	2.57	194	15,861	1,148	0.169	81.76	13.82	1.021	0.99969
5905	3	3.57	93	1,482	1,848	0.050	15.94	0.80	1.000	0.99998
6021	4	5.58	156	10,459	1,222	0.128	67.04	8.56	1.026	0.99981
6024	1	0.55	98	3,246	390	0.251	33.12	8.32	1.000	0.99981
6141	2	2.25	8	506	631	0.013	63.25	0.80	1.000	0.99998
6143	1	0.65	1	39	371	0.003	39.00	0.11	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	359	506.79	17,097	1,196,132	162,072	0.105	69.96	7.38	1.071	0.99983

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
11/1/2014 to 11/30/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	3	3.15	127	5,096	1,566	0.081	40.13	3.25	1.008	0.99992
1051	1	1.35	17	1,390	1,067	0.016	81.76	1.30	1.000	0.99997
1082	2	2.62	2	157	1,306	0.002	78.50	0.12	1.000	0.99999
1091	1	4.83	1	290	708	0.001	290.00	0.41	1.000	0.99999
1092	4	5.72	47	2,614	951	0.049	55.62	2.75	1.044	0.99994
1094	2	1.13	4	140	1,228	0.003	35.00	0.11	1.333	0.99999
1102	2	0.94	98	3,050	581	0.169	31.12	5.25	1.032	0.99988
1141	1	1.18	1	71	900	0.001	71.00	0.08	1.000	0.99999
1142	3	2.26	27	1,258	215	0.126	46.59	5.85	1.000	0.99986
1212	1	2.00	1	120	327	0.003	120.00	0.37	1.000	0.99999
1213	1	0.65	3	118	543	0.006	39.33	0.22	1.000	0.99999
1230	5	6.62	622	42,682	1,180	0.527	68.62	36.17	1.208	0.99916
1232	3	2.35	45	2,003	1,177	0.038	44.51	1.70	1.023	0.99996
1241	3	3.98	3	239	841	0.004	79.67	0.28	1.000	0.99999
1243	3	4.09	90	3,991	1,189	0.076	44.34	3.36	1.011	0.99992
1265	3	1.45	208	5,633	1,280	0.163	27.08	4.40	1.000	0.99990
1271	1	0.75	1	45	944	0.001	45.00	0.05	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1282	2	2.22	17	1,062	936	0.018	62.47	1.13	1.000	0.99997
1283	1	2.65	31	4,938	365	0.085	159.29	13.53	1.000	0.99969
1451	1	0.47	1	28	512	0.002	28.00	0.05	1.000	0.99999
1452	2	1.68	21	1,140	450	0.047	54.29	2.53	1.000	0.99994
1453	3	2.40	18	1,013	1,791	0.010	56.28	0.57	1.000	0.99999
1523	1	1.35	7	571	714	0.010	81.57	0.80	1.000	0.99998
1841	2	2.20	2	132	628	0.003	66.00	0.21	1.000	0.99999
2092	1	1.33	1	80	906	0.001	80.00	0.09	1.000	0.99999
2171	1	0.97	1	58	559	0.002	58.00	0.10	1.000	0.99999
2211	2	2.58	2	155	722	0.003	77.50	0.21	2.000	0.99999
2212	2	2.32	2	139	1,276	0.002	69.50	0.11	2.000	0.99999
2621	3	3.64	37	2,935	1,155	0.032	79.32	2.54	1.028	0.99994
2921	2	4.31	2	259	390	0.005	129.50	0.66	1.000	0.99998
2951	3	2.23	3	134	1,380	0.002	44.67	0.10	1.000	0.99999
2961	1	1.37	1	82	645	0.002	82.00	0.13	1.000	0.99999
3121	6	6.19	361	28,735	1,120	0.322	79.60	25.66	1.492	0.99941
3122	1	1.25	39	2,962	844	0.046	75.95	3.51	1.000	0.99992
3123	8	3.90	1,105	8,205	1,035	1.068	7.43	7.93	1.069	0.99982
3181	2	2.00	2	120	719	0.003	60.00	0.17	1.000	0.99999
3222	2	2.05	2	123	766	0.003	61.50	0.16	1.000	0.99999
3231	3	3.55	415	21,673	412	1.007	52.22	52.60	1.010	0.99878
3232	1	0.83	425	21,349	425	1.000	50.23	50.23	1.000	0.99884

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3302	3	2.14	718	31,420	880	0.816	43.76	35.70	1.187	0.99917
3313	1	0.83	1	50	1,252	0.001	50.00	0.04	1.000	0.99999
3422	8	9.92	261	17,841	968	0.270	68.36	18.43	1.000	0.99957
3423	2	2.34	8	562	384	0.021	70.25	1.46	2.000	0.99997
3471	7	6.79	16	953	169	0.095	59.56	5.64	1.067	0.99987
3472	3	2.09	3	125	1,564	0.002	41.67	0.08	1.500	0.99999
3551	1	0.33	1,034	21,007	1,034	1.000	20.32	20.32	1.000	0.99953
3552	2	1.57	655	17,487	570	1.149	26.70	30.68	1.149	0.99929
3553	3	2.93	1,046	22,876	1,027	1.019	21.87	22.27	1.018	0.99948
3591	2	3.60	2	216	1,138	0.002	108.00	0.19	1.000	0.99999
3592	1	1.83	1	110	1,724	0.001	110.00	0.06	1.000	0.99999
3593	2	3.37	90	8,718	933	0.096	96.87	9.34	1.000	0.99978
3594	1	1.32	26	2,068	656	0.040	79.54	3.15	1.000	0.99993
3662	2	2.68	2	161	760	0.003	80.50	0.21	1.000	0.99999
3663	1	0.70	1	42	780	0.001	42.00	0.05	1.000	0.99999
3664	1	0.83	1	50	516	0.002	50.00	0.10	1.000	0.99999
3691	2	2.73	48	3,041	1,144	0.042	63.35	2.66	1.000	0.99994
3694	1	0.93	1,254	70,224	1,254	1.000	56.00	56.00	1.000	0.99870
3701	1	1.80	1	108	479	0.002	108.00	0.23	1.000	0.99999
3702	1	0.88	1	53	605	0.002	53.00	0.09	1.000	0.99999
3751	5	4.00	144	6,305	872	0.165	43.78	7.23	1.014	0.99983
3871	9	1.66	1,825	49,568	1,388	1.315	27.16	35.71	1.317	0.99917

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3872	7	0.98	7	58	1,068	0.007	8.29	0.05	1.000	0.99999
3873	3	0.98	279	5,214	792	0.352	18.69	6.58	1.000	0.99985
3878	2	1.66	780	4,665	782	0.997	5.98	5.97	1.001	0.99986
3891	3	2.92	17	1,088	440	0.039	64.00	2.47	1.133	0.99994
3893	4	3.48	72	7,458	1,096	0.066	103.58	6.80	1.029	0.99984
3901	1	1.33	1	80	877	0.001	80.00	0.09	1.000	0.99999
3913	1	1.23	1	74	806	0.001	74.00	0.09	1.000	0.99999
3951	5	9.12	189	32,533	908	0.208	172.13	35.83	1.022	0.99917
3952	2	1.30	60	1,697	1,250	0.048	28.28	1.36	1.017	0.99997
3981	6	6.67	36	1,946	1,498	0.024	54.06	1.30	1.059	0.99997
3982	6	3.73	143	7,475	1,758	0.081	52.27	4.25	1.021	0.99990
3991	3	2.92	3	175	723	0.004	58.33	0.24	1.000	0.99999
4031	3	3.82	7	739	698	0.010	105.57	1.06	1.000	0.99998
4091	1	1.23	39	2,920	1,141	0.034	74.87	2.56	1.000	0.99994
4101	1	0.58	17	601	579	0.029	35.35	1.04	1.000	0.99998
4102	5	6.45	37	4,746	905	0.041	128.27	5.24	1.088	0.99988
4132	7	7.98	10	732	566	0.018	73.20	1.29	1.000	0.99997
4142	3	5.58	38	3,938	588	0.065	103.63	6.70	1.027	0.99984
4152	1	1.08	21	1,384	790	0.027	65.90	1.75	1.000	0.99996
4153	1	0.78	53	2,539	1,299	0.041	47.91	1.95	1.000	0.99995
4155	2	3.68	36	3,285	2,072	0.017	91.25	1.59	1.000	0.99996
4171	2	1.20	2	72	672	0.003	36.00	0.11	1.000	0.99999

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CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4172	8	8.22	196	13,471	1,694	0.116	68.73	7.95	1.010	0.99982
4173	1	0.78	14	662	621	0.023	47.29	1.07	1.000	0.99998
4211	2	2.43	2	146	959	0.002	73.00	0.15	1.000	0.99999
4212	6	5.77	165	15,078	805	0.205	91.38	18.73	1.012	0.99957
4222	2	1.74	4	203	1,024	0.004	50.75	0.20	1.000	0.99999
4223	1	0.87	6	316	739	0.008	52.67	0.43	1.000	0.99999
4302	1	0.22	1	13	647	0.002	13.00	0.02	1.000	0.99999
4311	1	0.80	1	48	1,050	0.001	48.00	0.05	1.000	0.99999
4321	1	1.75	1	105	4	0.250	105.00	26.25	1.000	0.99939
4322	1	1.93	93	10,879	94	0.989	116.98	115.73	1.000	0.99732
4324	1	1.65	1	99	1,242	0.001	99.00	0.08	1.000	0.99999
433	1	2.62	1	157	79	0.013	157.00	1.99	1.000	0.99995
4331	2	1.75	6	266	300	0.020	44.33	0.89	1.000	0.99998
4341	4	4.55	77	5,171	1,761	0.044	67.16	2.94	1.013	0.99993
4342	1	1.67	18	1,807	1,734	0.010	100.39	1.04	1.000	0.99998
4343	4	5.17	64	4,445	1,022	0.063	69.45	4.35	1.032	0.99990
4361	2	1.17	2	70	1,648	0.001	35.00	0.04	1.000	0.99999
4363	3	2.61	35	2,274	1,210	0.029	64.97	1.88	1.000	0.99996
4371	4	6.75	94	5,588	1,534	0.061	59.45	3.64	1.106	0.99992
4372	2	3.41	2	205	430	0.005	102.50	0.48	1.000	0.99999
4373	2	1.72	23	1,243	754	0.031	54.04	1.65	1.000	0.99996
4431	7	9.91	65	4,599	1,353	0.048	70.75	3.40	1.066	0.99992

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4432	1	0.63	25	961	455	0.055	38.44	2.11	1.000	0.99995
4601	1	0.90	28	1,517	408	0.069	54.18	3.72	1.000	0.99991
4602	1	1.33	69	5,553	941	0.073	80.48	5.90	1.000	0.99986
5601	6	5.60	538	39,201	1,147	0.469	72.86	34.18	1.037	0.99921
5603	5	4.29	209	11,429	1,284	0.163	54.68	8.90	1.035	0.99979
5641	1	0.65	16	625	320	0.050	39.06	1.95	1.000	0.99995
5902	1	1.13	1	68	1,009	0.001	68.00	0.07	1.000	0.99999
5905	2	2.10	102	6,538	1,848	0.055	64.10	3.54	1.000	0.99992
6021	1	0.42	68	1,758	1,222	0.056	25.85	1.44	1.000	0.99997
6142	1	1.12	1	67	304	0.003	67.00	0.22	1.000	0.99999
6143	1	0.82	1	49	371	0.003	49.00	0.13	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	295	307.01	14,707	635,805	162,129	0.091	43.23	3.92	1.074	0.99991

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
12/1/2014 to 12/31/2014
INCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.48	1	89	1,566	0.001	89.00	0.06	1.000	0.99999
1051	2	3.64	182	24,887	1,066	0.171	136.74	23.35	1.000	0.99948
1082	4	4.32	14	743	1,306	0.011	53.07	0.57	1.077	0.99999
1092	5	5.71	42	5,873	951	0.044	139.83	6.18	1.077	0.99986
1102	1	0.33	51	1,033	446	0.114	20.25	2.32	1.000	0.99995
1141	1	2.28	1	137	900	0.001	137.00	0.15	1.000	0.99999
1142	1	0.52	8	250	215	0.037	31.25	1.16	1.000	0.99997
1211	2	2.66	2	160	1,475	0.001	80.00	0.11	2.000	0.99999
1212	1	1.50	131	11,773	327	0.401	89.87	36.00	1.000	0.99919
1213	1	1.08	26	1,712	543	0.048	65.85	3.15	1.000	0.99993
1232	4	4.26	101	5,970	1,177	0.086	59.11	5.07	1.031	0.99989
1242	1	1.77	13	1,389	675	0.019	106.85	2.06	1.000	0.99995
1243	3	2.69	152	7,234	1,189	0.128	47.59	6.08	1.000	0.99986
1265	1	0.38	1,281	30,082	1,279	1.002	23.48	23.52	1.000	0.99947
1271	2	4.07	2	244	945	0.002	122.00	0.26	1.000	0.99999
1273	1	0.73	9	397	863	0.010	44.11	0.46	1.000	0.99999
1282	1	0.97	33	1,908	936	0.035	57.82	2.04	1.000	0.99995

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1283	1	0.88	1	53	365	0.003	53.00	0.15	1.000	0.99999
1284	2	2.23	5	296	867	0.006	59.20	0.34	1.000	0.99999
1452	1	0.83	8	403	448	0.018	50.38	0.90	1.000	0.99998
1453	2	1.23	30	993	1,786	0.017	33.10	0.56	1.500	0.99999
1521	3	3.71	49	2,971	355	0.138	60.63	8.37	1.043	0.99981
2052	1	1.55	1	93	85	0.012	93.00	1.09	1.000	0.99998
2171	1	0.92	18	992	559	0.032	55.11	1.77	1.000	0.99996
2211	3	4.75	22	1,147	722	0.030	52.14	1.59	1.100	0.99996
2492	1	3.08	29	5,379	29	1.000	185.48	185.48	1.000	0.99584
2921	1	1.27	1	76	369	0.003	76.00	0.21	1.000	0.99999
2951	3	2.81	33	2,885	1,381	0.024	87.42	2.09	1.031	0.99995
3121	4	3.80	247	17,085	1,120	0.221	69.17	15.25	1.193	0.99966
3122	1	1.48	1	89	845	0.001	89.00	0.11	1.000	0.99999
3123	2	1.22	26	394	1,035	0.025	15.15	0.38	1.040	0.99999
3181	1	0.45	719	19,496	719	1.000	27.12	27.12	1.000	0.99939
3222	4	6.83	54	6,249	768	0.070	115.72	8.14	1.038	0.99982
3303	2	1.12	2	67	978	0.002	33.50	0.07	1.000	0.99999
3305	1	1.07	1	64	18	0.056	64.00	3.56	1.000	0.99992
3311	1	0.83	25	1,233	535	0.047	49.32	2.30	1.000	0.99995
3315	3	2.82	7	485	1,568	0.004	69.29	0.31	1.167	0.99999
3422	1	0.57	1	34	968	0.001	34.00	0.04	1.000	0.99999
3423	1	1.02	27	1,649	384	0.070	61.07	4.29	1.000	0.99990

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3471	1	2.03	6	737	169	0.036	122.83	4.36	1.000	0.99990
3472	1	0.70	110	4,675	1,565	0.070	42.50	2.99	1.000	0.99993
3552	1	1.25	27	2,047	570	0.047	75.81	3.59	1.000	0.99992
3553	1	0.73	102	4,474	1,026	0.099	43.86	4.36	1.000	0.99990
3591	3	1.88	68	2,649	1,138	0.060	38.96	2.33	1.015	0.99995
3592	1	1.68	1,682	170,442	1,724	0.976	101.33	98.86	1.000	0.99779
3593	2	2.04	50	3,080	933	0.054	61.60	3.30	1.000	0.99993
3594	2	3.83	2	230	656	0.003	115.00	0.35	1.000	0.99999
3621	3	2.40	59	2,810	1,553	0.038	47.63	1.81	1.017	0.99996
3661	2	1.23	120	4,567	1,018	0.118	38.06	4.49	1.000	0.99990
3662	1	0.68	17	704	761	0.022	41.41	0.93	1.000	0.99998
3663	3	2.54	40	1,872	777	0.051	46.80	2.41	1.000	0.99995
3692	1	2.88	301	52,025	407	0.740	172.84	127.83	1.000	0.99714
3693	1	0.93	146	8,203	183	0.798	56.18	44.83	1.000	0.99900
3694	1	0.63	45	1,727	1,255	0.036	38.38	1.38	1.000	0.99997
3702	1	1.78	55	5,931	605	0.091	107.84	9.80	1.000	0.99978
3751	2	1.05	12	439	872	0.014	36.58	0.50	1.000	0.99999
3872	1	0.93	5	284	1,068	0.005	56.80	0.27	1.000	0.99999
3873	1	0.40	1	24	792	0.001	24.00	0.03	1.000	0.99999
3878	6	9.49	52	11,672	782	0.066	224.46	14.93	1.061	0.99967
3891	2	0.84	2	50	440	0.005	25.00	0.11	1.000	0.99999
3893	5	7.20	17	1,247	1,096	0.016	73.35	1.14	1.063	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3894	1	0.83	1	50	118	0.008	50.00	0.42	1.000	0.99999
3912	1	0.37	1	22	956	0.001	22.00	0.02	1.000	0.99999
3913	1	1.47	1	88	806	0.001	88.00	0.11	1.000	0.99999
3914	1	1.95	36	4,246	33	1.091	117.94	128.67	1.000	0.99712
3951	3	3.74	71	2,727	909	0.078	38.41	3.00	1.014	0.99993
3953	1	1.32	1	79	517	0.002	79.00	0.15	1.000	0.99999
3981	5	8.20	109	21,683	1,499	0.073	198.93	14.46	1.019	0.99968
3992	1	2.90	1	174	165	0.006	174.00	1.05	1.000	0.99998
401	1	0.70	1	42	108	0.009	42.00	0.39	1.000	0.99999
4031	1	0.70	13	558	698	0.019	42.92	0.80	1.000	0.99998
4092	1	1.52	9	827	424	0.021	91.89	1.95	1.000	0.99996
4101	3	3.56	667	69,540	579	1.152	104.26	120.10	1.152	0.99731
4102	3	6.33	992	220,468	905	1.096	222.25	243.61	1.096	0.99454
4132	2	0.77	4	97	565	0.007	24.25	0.17	1.000	0.99999
4138	1	0.93	1	56	746	0.001	56.00	0.08	1.000	0.99999
4142	10	5.95	93	3,923	586	0.159	42.18	6.69	1.081	0.99985
4151	3	2.13	45	959	1,239	0.036	21.31	0.77	1.047	0.99998
4172	7	5.98	252	12,548	1,695	0.149	49.79	7.40	1.004	0.99983
4182	1	0.75	1	45	1,012	0.001	45.00	0.04	1.000	0.99999
4212	1	3.18	4	767	806	0.005	191.75	0.95	1.000	0.99998
4222	6	9.15	100	15,822	1,022	0.098	158.22	15.48	1.429	0.99965
4302	2	2.78	2	167	647	0.003	83.50	0.26	1.000	0.99999

HIGHLY CONFIDENTIAL										
CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4303	2	5.48	12	2,810	928	0.013	234.17	3.03	1.000	0.99993
4304	1	0.87	1	52	217	0.005	52.00	0.24	1.000	0.99999
4313	1	1.15	1	69	317	0.003	69.00	0.22	1.000	0.99999
4341	4	7.85	55	2,388	1,761	0.031	43.42	1.36	1.038	0.99997
4342	3	2.20	46	1,393	1,734	0.027	30.28	0.80	1.000	0.99998
4362	1	1.00	83	5,050	825	0.101	60.84	6.12	1.000	0.99986
4363	3	2.20	75	3,404	1,346	0.056	45.39	2.53	1.563	0.99994
4371	7	4.52	26	1,068	1,534	0.017	41.08	0.70	1.000	0.99998
4372	2	3.75	13	1,545	430	0.030	118.85	3.59	1.000	0.99992
4431	3	3.88	3	233	1,352	0.002	77.67	0.17	1.000	0.99999
4432	1	1.17	25	1,757	456	0.055	70.28	3.85	1.000	0.99991
5601	4	1.40	127	2,551	1,153	0.110	20.09	2.21	1.000	0.99995
5603	5	4.36	138	5,383	1,286	0.107	39.01	4.19	1.000	0.99991
5904	1	0.48	45	1,317	1,149	0.039	29.27	1.15	1.000	0.99997
6142	1	0.50	4	120	305	0.013	30.00	0.39	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	209	236.00	9,334	819,931	162,134	0.058	87.84	5.06	1.026	0.99989

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
1/1/2014 to 1/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	5	12.30	89	7,423	1,493	0.060	83.40	4.97	1.023	0.99989
1051	3	4.37	570	62,901	1,065	0.535	110.35	59.06	1.298	0.99868
1052	1	0.30	1	18	289	0.003	18.00	0.06	1.000	0.99999
1082	2	2.67	2	160	1,298	0.002	80.00	0.12	1.000	0.99999
1091	2	2.43	14	1,027	706	0.020	73.36	1.45	2.000	0.99997
1092	5	9.21	39	1,144	937	0.042	29.33	1.22	1.026	0.99997
1093	1	1.28	229	17,774	229	1.000	77.62	77.62	1.000	0.99826
1094	9	14.51	1,471	121,353	1,219	1.207	82.50	99.55	1.670	0.99777
1101	1	0.45	1	27	971	0.001	27.00	0.03	1.000	0.99999
1102	1	1.15	3	207	457	0.007	69.00	0.45	1.000	0.99999
1142	1	0.77	215	10,036	215	1.000	46.68	46.68	1.000	0.99895
1211	4	0.76	4	45	1,473	0.003	11.25	0.03	1.000	0.99999
1230	4	7.31	1,184	107,642	1,181	1.003	90.91	91.14	1.003	0.99796
1232	2	3.73	1,129	102,923	1,175	0.961	91.16	87.59	1.008	0.99804
1233	1	1.50	638	58,036	638	1.000	90.97	90.97	1.000	0.99796
1241	2	1.90	25	1,388	836	0.030	55.52	1.66	1.000	0.99996
1243	6	4.87	286	23,039	1,191	0.240	80.56	19.34	1.048	0.99957

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1265	1	0.75	98	4,445	1,275	0.077	45.36	3.49	1.000	0.99992
1271	1	2.07	1	124	936	0.001	124.00	0.13	1.000	0.99999
1273	1	1.72	2	207	863	0.002	103.50	0.24	1.000	0.99999
1281	1	1.48	116	10,387	116	1.000	89.54	89.54	1.000	0.99799
1282	1	1.52	923	84,669	923	1.000	91.73	91.73	1.000	0.99795
1283	1	1.48	361	32,201	361	1.000	89.20	89.20	1.000	0.99800
1284	3	5.27	1,062	89,595	857	1.239	84.36	104.54	1.221	0.99766
1285	3	2.47	1,326	101,702	1,081	1.227	76.70	94.08	1.227	0.99789
1312	5	8.91	920	217,862	916	1.004	236.81	237.84	1.004	0.99467
1453	2	4.97	10	2,299	1,788	0.006	229.90	1.29	1.000	0.99997
1521	2	0.93	355	8,586	354	1.003	24.19	24.25	1.003	0.99946
1522	2	4.31	101	2,841	100	1.010	28.13	28.41	1.010	0.99936
1523	1	0.42	711	18,414	710	1.001	25.90	25.94	1.000	0.99942
2051	1	1.80	1	108	160	0.006	108.00	0.68	1.000	0.99998
2091	1	1.25	1	75	872	0.001	75.00	0.09	1.000	0.99999
2211	1	3.98	1	239	720	0.001	239.00	0.33	1.000	0.99999
2621	2	3.58	2	215	1,144	0.002	107.50	0.19	1.000	0.99999
2951	4	6.49	4	389	1,373	0.003	97.25	0.28	1.000	0.99999
3121	6	9.96	179	21,739	1,119	0.160	121.45	19.43	1.261	0.99956
3122	1	1.70	1	102	845	0.001	102.00	0.12	1.000	0.99999
3123	3	3.18	103	6,436	1,029	0.100	62.49	6.25	1.010	0.99986
3181	2	3.05	6	642	716	0.008	107.00	0.90	1.000	0.99998

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3221	4	8.38	1,231	93,428	1,228	1.002	75.90	76.08	1.002	0.99830
3222	3	5.85	762	58,098	760	1.003	76.24	76.44	1.003	0.99829
3302	2	2.52	76	5,748	868	0.088	75.63	6.62	1.027	0.99985
3311	1	1.42	1	85	529	0.002	85.00	0.16	1.000	0.99999
3314	1	0.45	19	526	222	0.086	27.68	2.37	1.000	0.99995
3315	1	0.57	13	448	1,565	0.008	34.46	0.29	1.000	0.99999
3472	1	0.40	8	197	1,560	0.005	24.63	0.13	1.000	0.99999
3551	1	0.90	13	707	1,013	0.013	54.38	0.70	1.000	0.99998
3593	1	5.42	20	6,509	933	0.021	325.45	6.98	1.000	0.99984
3661	2	3.55	12	1,081	1,010	0.012	90.08	1.07	1.000	0.99998
3663	1	2.55	30	4,601	774	0.039	153.37	5.94	1.000	0.99987
3671	3	3.26	93	6,136	884	0.105	65.98	6.94	1.011	0.99984
3672	1	1.43	25	2,160	137	0.182	86.40	15.77	1.000	0.99965
3691	1	2.63	1	158	1,145	0.001	158.00	0.14	1.000	0.99999
3692	1	1.97	405	47,931	404	1.002	118.35	118.64	1.000	0.99734
3694	1	0.80	1	48	1,246	0.001	48.00	0.04	1.000	0.99999
3701	1	0.95	1	57	477	0.002	57.00	0.12	1.000	0.99999
3702	1	0.78	1	47	600	0.002	47.00	0.08	1.000	0.99999
3751	2	2.20	13	1,118	868	0.015	86.00	1.29	1.000	0.99997
3871	4	7.52	4	451	1,380	0.003	112.75	0.33	1.000	0.99999
3872	2	2.73	16	1,176	1,066	0.015	73.50	1.10	1.000	0.99998
3891	2	2.00	39	2,525	433	0.090	64.74	5.83	1.000	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3893	1	0.47	1	28	1,091	0.001	28.00	0.03	1.000	0.99999
3901	2	2.75	2	165	870	0.002	82.50	0.19	1.000	0.99999
3914	1	2.13	1	128	661	0.002	128.00	0.19	1.000	0.99999
3951	1	2.33	1	140	904	0.001	140.00	0.15	1.000	0.99999
3952	4	5.91	29	1,229	1,236	0.023	42.38	0.99	1.000	0.99998
3981	7	11.02	43	3,898	1,491	0.029	90.65	2.61	1.024	0.99994
3982	2	1.18	50	2,025	1,753	0.029	40.50	1.16	1.000	0.99997
3991	2	1.47	2	88	718	0.003	44.00	0.12	1.000	0.99999
3992	2	6.55	11	2,176	164	0.067	197.82	13.27	1.000	0.99970
403	1	1.68	1	101	263	0.004	101.00	0.38	1.000	0.99999
4031	1	0.85	22	1,140	689	0.032	51.82	1.65	1.000	0.99996
407	1	1.22	335	24,756	102	3.284	73.90	242.71	1.000	0.99456
4091	4	12.31	1,143	51,444	1,140	1.003	45.01	45.13	1.003	0.99899
4092	4	3.64	95	6,153	421	0.226	64.77	14.62	1.033	0.99967
4101	2	2.02	26	1,569	578	0.045	60.35	2.71	1.000	0.99994
4102	1	0.93	1	56	900	0.001	56.00	0.06	1.000	0.99999
4132	2	3.32	2	199	568	0.004	99.50	0.35	1.000	0.99999
4136	2	2.58	3	227	656	0.005	75.67	0.35	1.500	0.99999
4154	2	3.83	2	230	1,142	0.002	115.00	0.20	1.000	0.99999
4155	2	4.98	42	5,536	2,061	0.020	131.81	2.69	1.000	0.99994
4171	1	1.40	1	84	675	0.001	84.00	0.12	1.000	0.99999
4172	1	1.40	1,686	142,158	1,680	1.004	84.32	84.62	1.000	0.99810

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4181	1	3.07	81	14,983	482	0.168	184.98	31.09	1.000	0.99930
4182	3	6.51	12	1,309	1,004	0.012	109.08	1.30	1.000	0.99997
4211	1	1.15	7	489	673	0.010	69.86	0.73	1.000	0.99998
4212	3	4.13	21	1,691	802	0.026	80.52	2.11	1.000	0.99995
4221	1	2.38	1	143	479	0.002	143.00	0.30	1.000	0.99999
4222	3	2.57	10	571	998	0.010	57.10	0.57	1.000	0.99999
4223	1	2.53	1	152	558	0.002	152.00	0.27	1.000	0.99999
4224	2	2.93	57	2,321	755	0.075	40.72	3.07	1.018	0.99993
4302	1	2.38	1	143	645	0.002	143.00	0.22	1.000	0.99999
4311	1	0.72	7	305	1,155	0.006	43.57	0.26	1.000	0.99999
4312	1	1.28	1	77	832	0.001	77.00	0.09	1.000	0.99999
4313	4	8.15	103	9,316	315	0.327	90.45	29.57	1.051	0.99934
432	1	1.50	91	8,203	91	1.000	90.14	90.14	1.000	0.99798
4324	3	1.88	3	113	1,200	0.003	37.67	0.09	1.000	0.99999
433	1	1.37	78	6,450	78	1.000	82.69	82.69	1.000	0.99815
4331	1	0.90	298	16,335	298	1.000	54.82	54.82	1.000	0.99877
4341	1	0.83	8	407	1,745	0.005	50.88	0.23	1.000	0.99999
4342	8	10.96	1,760	512,569	1,725	1.020	291.23	297.14	1.020	0.99334
4361	1	0.93	1,635	91,941	1,635	1.000	56.23	56.23	1.000	0.99874
4362	1	3.02	1	181	818	0.001	181.00	0.22	1.000	0.99999
4363	5	11.08	1,586	198,451	1,585	1.001	125.13	125.21	2.149	0.99720
4371	1	2.08	75	9,337	1,527	0.049	124.49	6.11	1.000	0.99986

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4373	28	13.11	63	1,955	748	0.084	31.03	2.61	1.033	0.99994
4381	2	6.16	193	39,309	315	0.613	203.67	124.79	1.005	0.99720
4385	2	2.55	1,101	133,114	1,108	0.994	120.90	120.14	1.001	0.99731
4431	26	11.26	611	14,661	1,353	0.452	24.00	10.84	1.036	0.99976
4476	1	3.27	27	5,318	27	1.000	196.96	196.96	1.000	0.99559
4511	2	1.82	88	6,597	1,120	0.079	74.97	5.89	1.000	0.99987
4512	3	4.75	157	12,973	942	0.167	82.63	13.77	1.725	0.99969
4513	3	4.58	20	1,830	623	0.032	91.50	2.94	1.538	0.99993
455	1	1.48	260	23,330	113	2.301	89.73	206.46	1.000	0.99537
5601	5	6.95	139	16,579	1,152	0.121	119.27	14.39	1.030	0.99968
5905	1	1.22	33	2,438	1,833	0.018	73.88	1.33	1.000	0.99997
6024	1	0.35	10	216	388	0.026	21.60	0.56	1.000	0.99999
6141	1	0.28	9	154	624	0.014	17.11	0.25	1.000	0.99999
6143	1	0.92	1	55	369	0.003	55.00	0.15	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	300	404.10	27,016	2,729,201	160,552	0.168	101.02	17.00	1.091	0.99962

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
2/1/2014 to 2/28/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1082	4	5.97	25	2,142	1,298	0.019	85.68	1.65	1.042	0.99996
1091	2	1.32	707	22,463	706	1.001	31.77	31.82	1.001	0.99921
1092	3	4.22	938	97,057	937	1.001	103.47	103.58	1.334	0.99743
1093	4	2.98	460	18,381	229	2.009	39.96	80.27	2.009	0.99801
1094	2	5.15	1,228	58,872	1,219	1.007	47.94	48.30	1.007	0.99880
1102	1	1.18	1	71	457	0.002	71.00	0.16	1.000	0.99999
1141	1	1.23	1	74	900	0.001	74.00	0.08	1.000	0.99999
1142	1	0.97	1	58	215	0.005	58.00	0.27	1.000	0.99999
1213	1	0.77	21	971	541	0.039	46.24	1.79	1.000	0.99996
1230	1	0.83	42	2,102	1,181	0.036	50.05	1.78	1.000	0.99996
1232	3	6.23	12	1,773	1,175	0.010	147.75	1.51	1.000	0.99996
1241	1	2.88	4	692	836	0.005	173.00	0.83	1.000	0.99998
1263	4	3.60	21	1,033	1,115	0.019	49.19	0.93	1.105	0.99998
1265	1	0.38	1	23	1,275	0.001	23.00	0.02	1.000	0.99999
1271	1	0.42	1	25	936	0.001	25.00	0.03	1.000	0.99999
1282	1	0.85	1	51	923	0.001	51.00	0.06	1.000	0.99999
1284	1	1.20	870	63,480	857	1.015	72.97	74.07	1.000	0.99816

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1285	5	9.76	2,162	218,781	1,081	2.000	101.19	202.39	2.000	0.99498
1311	1	2.48	1	149	267	0.004	149.00	0.56	1.000	0.99999
1454	1	0.75	1	45	924	0.001	45.00	0.05	1.000	0.99999
1455	1	1.77	1	106	363	0.003	106.00	0.29	1.000	0.99999
1521	1	1.38	52	4,263	354	0.147	81.98	12.04	1.000	0.99970
1523	1	1.35	7	571	710	0.010	81.57	0.80	1.000	0.99998
1841	1	5.60	137	46,164	628	0.218	336.96	73.51	1.000	0.99818
2091	4	5.99	17	1,363	872	0.019	80.18	1.56	1.000	0.99996
2211	2	1.16	9	338	720	0.013	37.56	0.47	1.000	0.99999
2212	1	4.58	50	13,770	1,268	0.039	275.40	10.86	1.000	0.99973
2511	2	3.51	6	627	613	0.010	104.50	1.02	1.000	0.99997
2621	1	0.87	1	52	1,144	0.001	52.00	0.05	1.000	0.99999
2921	1	1.82	123	13,458	408	0.301	109.41	32.99	1.000	0.99918
2951	3	1.87	7	394	1,373	0.005	56.29	0.29	1.000	0.99999
2961	1	0.43	18	473	645	0.028	26.28	0.73	1.000	0.99998
3121	1	0.42	1	25	1,119	0.001	25.00	0.02	1.000	0.99999
3122	2	1.80	19	1,066	845	0.022	56.11	1.26	1.000	0.99997
3222	2	0.80	2	48	760	0.003	24.00	0.06	1.000	0.99999
3232	1	0.87	422	22,155	422	1.000	52.50	52.50	1.000	0.99870
3302	1	0.32	1	19	868	0.001	19.00	0.02	1.000	0.99999
3303	1	0.42	1	25	977	0.001	25.00	0.03	1.000	0.99999
3305	1	1.35	1	81	18	0.056	81.00	4.50	1.000	0.99989

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3313	1	0.80	3	144	1,233	0.002	48.00	0.12	1.000	0.99999
3315	1	1.05	80	5,068	1,565	0.051	63.35	3.24	1.000	0.99992
3422	2	1.35	967	23,000	965	1.002	23.78	23.83	1.001	0.99941
3472	3	3.17	17	614	1,560	0.011	36.12	0.39	1.000	0.99999
3551	4	7.36	1,024	149,387	1,013	1.011	145.89	147.47	1.825	0.99634
3553	1	1.93	1	116	1,024	0.001	116.00	0.11	1.000	0.99999
3591	1	1.87	1	112	1,131	0.001	112.00	0.10	1.000	0.99999
3592	1	1.23	1	74	1,711	0.001	74.00	0.04	1.000	0.99999
3621	1	3.73	33	7,398	1,539	0.021	224.18	4.81	1.000	0.99988
3661	1	1.10	1	66	1,010	0.001	66.00	0.07	1.000	0.99999
3663	8	2.40	351	4,961	774	0.453	14.13	6.41	1.017	0.99984
3664	1	0.90	33	1,746	501	0.066	52.91	3.49	1.000	0.99991
3691	2	2.27	2	136	1,145	0.002	68.00	0.12	1.000	0.99999
3694	1	2.92	1	175	1,246	0.001	175.00	0.14	1.000	0.99999
3701	2	2.70	510	30,168	477	1.069	59.15	63.25	1.069	0.99843
3751	4	12.72	98	16,580	868	0.113	169.18	19.10	1.010	0.99953
3871	2	2.29	28	2,038	1,380	0.020	72.79	1.48	1.037	0.99996
3872	1	0.82	1	49	1,066	0.001	49.00	0.05	1.000	0.99999
3891	3	4.26	43	5,236	433	0.099	121.77	12.09	1.024	0.99970
3893	1	1.88	1	113	1,091	0.001	113.00	0.10	1.000	0.99999
3894	2	2.07	4	186	115	0.035	46.50	1.62	1.000	0.99996
3901	1	1.72	82	8,491	870	0.094	103.55	9.76	1.000	0.99976

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3914	1	1.32	15	1,189	661	0.023	79.27	1.80	1.000	0.99996
3951	1	1.98	82	9,826	904	0.091	119.83	10.87	1.000	0.99973
3953	1	0.77	1	46	512	0.002	46.00	0.09	1.000	0.99999
3971	1	1.18	653	46,885	654	0.998	71.80	71.69	1.000	0.99822
3981	5	3.39	195	12,877	1,491	0.131	66.04	8.64	2.010	0.99979
3982	1	1.07	34	2,190	1,753	0.019	64.41	1.25	1.000	0.99997
3991	1	0.95	382	21,824	718	0.532	57.13	30.40	1.000	0.99925
4031	5	7.63	53	5,887	689	0.077	111.08	8.54	1.082	0.99979
407	3	3.70	4	263	102	0.039	65.75	2.58	1.000	0.99994
4091	1	1.47	1	88	1,140	0.001	88.00	0.08	1.000	0.99999
4092	1	0.55	9	304	421	0.021	33.78	0.72	1.000	0.99998
4101	2	7.62	110	30,024	578	0.190	272.95	51.94	1.000	0.99871
4102	1	3.15	1	189	900	0.001	189.00	0.21	1.000	0.99999
4131	1	0.52	1	31	196	0.005	31.00	0.16	1.000	0.99999
4135	1	1.90	1	114	59	0.017	114.00	1.93	1.000	0.99995
4138	3	2.30	41	794	746	0.055	19.37	1.06	1.952	0.99997
4141	1	1.52	1	91	82	0.012	91.00	1.11	1.000	0.99997
4151	1	0.38	1	23	1,235	0.001	23.00	0.02	1.000	0.99999
4153	1	0.57	34	1,186	1,288	0.026	34.88	0.92	1.000	0.99998
4155	1	0.53	1	32	2,061	0.000	32.00	0.02	1.000	0.99999
4172	3	4.57	3	274	1,680	0.002	91.33	0.16	1.500	0.99999
4181	1	0.65	39	1,524	482	0.081	39.08	3.16	1.000	0.99992

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4211	1	1.13	17	1,167	673	0.025	68.65	1.73	1.000	0.99996
4221	2	0.98	72	644	479	0.150	8.94	1.34	1.075	0.99997
4222	1	1.48	998	89,171	998	1.000	89.35	89.35	1.000	0.99778
4303	1	0.62	29	1,092	856	0.034	37.66	1.28	1.000	0.99997
4313	1	0.80	5	242	315	0.016	48.40	0.77	1.000	0.99998
4324	18	6.45	310	3,497	1,200	0.258	11.28	2.91	1.462	0.99993
4331	13	4.44	110	2,416	298	0.369	21.96	8.11	1.009	0.99980
4341	3	4.30	49	3,938	1,745	0.028	80.37	2.26	1.021	0.99994
4342	1	1.25	1	75	1,725	0.001	75.00	0.04	1.000	0.99999
4343	3	2.50	44	2,507	1,018	0.043	56.98	2.46	1.023	0.99994
4361	5	7.29	38	3,875	1,635	0.023	101.97	2.37	1.000	0.99994
4362	1	0.45	1	27	818	0.001	27.00	0.03	1.000	0.99999
4363	3	2.10	676	33,054	1,585	0.426	48.90	20.85	1.050	0.99948
4372	1	0.85	1	51	427	0.002	51.00	0.12	1.000	0.99999
4373	1	1.33	1	80	748	0.001	80.00	0.11	1.000	0.99999
4431	1	1.45	1	87	1,353	0.001	87.00	0.06	1.000	0.99999
4432	1	1.30	23	1,816	450	0.051	78.96	4.04	1.000	0.99990
4512	3	4.84	1,376	135,291	942	1.461	98.32	143.62	1.461	0.99644
4601	1	0.90	1	54	409	0.002	54.00	0.13	1.000	0.99999
4602	1	1.18	26	1,856	938	0.028	71.38	1.98	1.000	0.99995
5601	1	1.17	1	70	1,152	0.001	70.00	0.06	1.000	0.99999
5602	2	1.65	2	99	675	0.003	49.50	0.15	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
5603	5	9.26	146	23,529	1,257	0.116	161.16	18.72	1.021	0.99954
5904	1	0.58	37	1,306	1,109	0.033	35.30	1.18	1.000	0.99997
5905	2	2.03	8	395	1,833	0.004	49.38	0.22	1.000	0.99999
6021	2	2.63	20	1,463	486	0.041	73.15	3.01	1.000	0.99993
6022	1	0.27	51	857	374	0.136	16.80	2.29	1.000	0.99994
6141	1	1.05	1	63	624	0.002	63.00	0.10	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	225	262.02	16,362	1,293,482	160,552	0.102	79.05	8.06	1.203	0.99980

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 3/1/2014 to 3/31/2014
 EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.42	4	343	1,529	0.003	85.75	0.22	1.000	0.99999
1082	4	5.05	26	1,952	1,300	0.020	75.08	1.50	1.083	0.99997
1092	3	2.95	3	177	942	0.003	59.00	0.19	1.000	0.99999
1094	2	4.30	48	6,724	1,220	0.039	140.08	5.51	1.000	0.99988
1101	1	0.30	86	1,550	971	0.089	18.02	1.60	1.000	0.99996
1141	1	3.27	900	177,225	900	1.000	196.92	196.92	1.000	0.99559
1142	1	3.25	215	41,996	215	1.000	195.33	195.33	1.000	0.99562
1213	1	0.78	21	999	542	0.039	47.57	1.84	1.000	0.99996
1232	2	1.55	23	978	1,176	0.020	42.52	0.83	1.000	0.99998
1241	1	0.75	13	587	837	0.016	45.15	0.70	1.000	0.99998
1243	1	0.87	25	1,308	1,190	0.021	52.32	1.10	1.000	0.99998
1261	1	1.03	1	62	386	0.003	62.00	0.16	1.000	0.99999
1263	3	2.55	41	2,488	1,126	0.036	60.68	2.21	1.000	0.99995
1265	7	3.64	84	2,595	1,278	0.066	30.89	2.03	1.200	0.99995
1271	3	3.40	8	529	940	0.009	66.13	0.56	1.333	0.99999
1282	1	0.90	26	1,410	925	0.028	54.23	1.52	1.000	0.99997
1312	1	0.57	1	34	918	0.001	34.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1453	4	5.26	2,305	82,089	1,791	1.287	35.61	45.83	1.285	0.99897
1454	1	0.70	1	42	924	0.001	42.00	0.05	1.000	0.99999
1521	1	1.02	1	61	354	0.003	61.00	0.17	1.000	0.99999
1522	1	0.98	1	59	100	0.010	59.00	0.59	1.000	0.99999
1523	2	2.95	6	553	712	0.008	92.17	0.78	1.200	0.99998
2052	1	1.95	1	117	84	0.012	117.00	1.39	1.000	0.99997
2091	1	0.83	5	254	872	0.006	50.80	0.29	1.000	0.99999
2172	1	0.93	1	56	218	0.005	56.00	0.26	1.000	0.99999
2211	6	3.24	62	1,747	720	0.086	28.18	2.43	1.000	0.99995
2212	1	1.87	23	2,586	1,271	0.018	112.43	2.03	1.000	0.99995
2492	1	0.60	29	1,062	29	1.000	36.62	36.62	1.000	0.99918
2621	1	6.40	1	384	1,147	0.001	384.00	0.33	1.000	0.99999
2921	1	0.95	1	57	409	0.002	57.00	0.14	1.000	0.99999
2951	1	0.72	1	43	1,375	0.001	43.00	0.03	1.000	0.99999
2961	2	4.88	653	23,228	645	1.012	35.57	36.01	1.012	0.99919
3121	2	4.83	2	290	1,120	0.002	145.00	0.26	2.000	0.99999
3181	1	1.00	1	60	716	0.001	60.00	0.08	1.000	0.99999
3221	2	3.34	51	2,038	1,230	0.041	39.96	1.66	1.020	0.99996
3231	4	3.85	43	3,672	411	0.105	85.40	8.93	1.075	0.99980
3302	3	3.99	859	75,595	872	0.985	88.00	86.69	1.002	0.99806
3303	2	1.97	978	107,413	978	1.000	109.83	109.83	1.001	0.99754
3311	12	10.54	15	803	530	0.028	53.53	1.52	1.154	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3315	1	2.08	1	125	1,566	0.001	125.00	0.08	1.000	0.99999
3422	3	2.70	11	586	966	0.011	53.27	0.61	1.000	0.99999
3423	1	3.28	1	197	383	0.003	197.00	0.51	1.000	0.99999
3472	3	3.24	7	445	1,561	0.004	63.57	0.29	1.000	0.99999
3591	2	0.68	17	413	1,134	0.015	24.29	0.36	1.000	0.99999
3592	1	3.20	220	42,445	1,717	0.128	192.93	24.72	1.000	0.99945
3594	1	1.17	1	70	642	0.002	70.00	0.11	1.000	0.99999
3621	2	6.92	17	5,058	1,544	0.011	297.53	3.28	1.000	0.99993
3661	1	0.67	92	3,752	1,014	0.091	40.78	3.70	1.000	0.99992
3675	1	0.35	1	21	412	0.002	21.00	0.05	1.000	0.99999
3691	1	1.33	21	1,681	1,146	0.018	80.05	1.47	1.000	0.99997
3701	1	0.80	1	48	477	0.002	48.00	0.10	1.000	0.99999
3751	2	5.34	17	683	870	0.020	40.18	0.79	1.063	0.99998
3891	4	4.61	12	663	436	0.028	55.25	1.52	1.091	0.99997
3893	2	2.26	5	442	1,092	0.005	88.40	0.40	1.000	0.99999
3912	1	1.00	1	60	934	0.001	60.00	0.06	1.000	0.99999
3913	1	1.68	44	4,459	950	0.046	101.34	4.69	1.000	0.99989
3953	2	2.72	54	3,949	514	0.105	73.13	7.68	1.019	0.99983
3981	1	0.95	1	57	1,491	0.001	57.00	0.04	1.000	0.99999
3982	2	3.14	83	7,049	1,754	0.047	84.93	4.02	1.000	0.99991
3991	1	0.60	38	1,373	720	0.053	36.13	1.91	1.000	0.99996
403	1	0.53	1	32	264	0.004	32.00	0.12	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4091	2	1.52	37	1,613	1,140	0.032	43.59	1.41	1.000	0.99997
4101	1	0.67	12	483	578	0.021	40.25	0.84	1.000	0.99998
4102	1	1.30	1	78	902	0.001	78.00	0.09	1.000	0.99999
4137	1	1.57	792	74,712	790	1.003	94.33	94.57	1.000	0.99788
4152	1	0.88	1	53	789	0.001	53.00	0.07	1.000	0.99999
4153	1	1.35	13	1,059	1,293	0.010	81.46	0.82	1.000	0.99998
4171	1	3.20	1	192	678	0.001	192.00	0.28	1.000	0.99999
4172	4	3.74	97	5,828	1,682	0.058	60.08	3.46	1.000	0.99992
4173	1	1.73	1	104	620	0.002	104.00	0.17	1.000	0.99999
4181	2	1.47	40	1,813	484	0.083	45.33	3.75	1.026	0.99992
4182	1	1.55	10	933	1,006	0.010	93.30	0.93	1.000	0.99998
4212	2	2.65	72	3,460	803	0.090	48.06	4.31	1.000	0.99990
4223	1	4.20	44	11,119	608	0.072	252.70	18.29	1.000	0.99959
4311	19	8.06	939	28,926	1,158	0.811	30.81	24.98	1.044	0.99944
4312	1	0.37	1	22	832	0.001	22.00	0.03	1.000	0.99999
4324	1	0.92	1	55	1,214	0.001	55.00	0.05	1.000	0.99999
4341	2	2.03	1,369	94,072	1,751	0.782	68.72	53.72	1.019	0.99880
4342	2	1.73	103	6,078	1,726	0.060	59.01	3.52	1.010	0.99992
4361	3	3.02	145	8,573	1,640	0.088	59.12	5.23	1.000	0.99988
4371	5	5.72	29	2,049	1,529	0.019	70.66	1.34	1.000	0.99997
4373	1	1.27	526	40,405	749	0.702	76.82	53.95	1.000	0.99879
4381	1	2.53	1	152	317	0.003	152.00	0.48	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4431	1	2.43	350	51,292	1,353	0.259	146.55	37.91	1.000	0.99915
4432	1	0.87	452	23,662	450	1.004	52.35	52.58	1.000	0.99882
4511	1	2.40	1	144	1,122	0.001	144.00	0.13	1.000	0.99999
4602	2	3.17	92	8,908	938	0.098	96.83	9.50	1.000	0.99979
5601	14	13.39	90	4,026	1,155	0.078	44.73	3.49	1.000	0.99992
5602	1	0.63	3	115	676	0.004	38.33	0.17	1.000	0.99999
5603	4	4.12	1,264	69,085	1,259	1.004	54.66	54.87	1.002	0.99877
5901	2	6.50	64	12,513	595	0.108	195.52	21.03	1.032	0.99953
5902	3	3.88	186	5,282	1,004	0.185	28.40	5.26	1.011	0.99988
5905	1	0.78	45	2,153	1,838	0.024	47.84	1.17	1.000	0.99997
6024	1	0.75	9	410	388	0.023	45.56	1.06	1.000	0.99998
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	205	239.03	14,002	1,076,143	161,085	0.087	76.86	6.68	1.038	0.99985

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
4/1/2014 to 4/30/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1051	2	1.71	11	637	1,068	0.010	57.91	0.60	1.000	0.99999
1082	3	4.65	213	20,821	1,303	0.163	97.75	15.98	1.049	0.99963
1091	4	5.76	105	10,033	708	0.148	95.55	14.17	1.000	0.99967
1092	4	6.47	57	3,757	946	0.060	65.91	3.97	1.036	0.99991
1094	5	5.49	515	26,541	1,221	0.422	51.54	21.74	1.040	0.99950
1142	1	1.22	1	73	215	0.005	73.00	0.34	1.000	0.99999
1211	1	0.92	1	55	1,475	0.001	55.00	0.04	1.000	0.99999
1230	1	1.00	8	480	1,179	0.007	60.00	0.41	1.000	0.99999
1232	1	0.73	1	44	1,176	0.001	44.00	0.04	1.000	0.99999
1243	3	4.33	40	3,495	1,188	0.034	87.38	2.94	1.000	0.99993
1263	2	0.92	2	55	1,136	0.002	27.50	0.05	1.000	0.99999
1265	1	0.65	30	1,186	1,280	0.023	39.53	0.93	1.000	0.99998
1273	3	3.92	113	3,613	863	0.131	31.97	4.19	1.009	0.99990
1281	1	24.57	1	1,474	161	0.006	1474.00	9.16	1.000	0.99979
1282	2	1.63	66	3,219	927	0.071	48.77	3.47	1.031	0.99992
1284	1	0.45	1	27	866	0.001	27.00	0.03	1.000	0.99999
1285	1	6.65	179	71,423	1,084	0.165	399.01	65.89	1.000	0.99847

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1312	3	6.63	13	2,042	920	0.014	157.08	2.22	1.000	0.99995
1452	1	0.60	53	1,916	451	0.118	36.15	4.25	1.000	0.99990
1453	2	1.50	84	3,384	1,794	0.047	40.29	1.89	1.000	0.99996
1455	1	0.43	73	1,911	371	0.197	26.18	5.15	1.000	0.99988
1521	1	0.52	7	218	354	0.020	31.14	0.62	1.000	0.99999
1522	1	1.52	7	640	101	0.069	91.43	6.34	1.000	0.99985
1842	1	1.10	1	66	279	0.004	66.00	0.24	1.000	0.99999
1843	3	1.95	38	2,031	1,080	0.035	53.45	1.88	1.000	0.99996
2091	2	2.55	14	1,165	872	0.016	83.21	1.34	1.000	0.99997
2092	9	10.66	41	3,543	905	0.045	86.41	3.91	1.000	0.99991
2171	1	0.97	556	32,248	556	1.000	58.00	58.00	1.000	0.99866
2172	6	20.70	317	25,837	219	1.447	81.50	117.98	1.441	0.99727
2211	1	0.60	17	616	721	0.024	36.24	0.85	1.000	0.99998
2212	3	6.07	30	4,671	1,274	0.024	155.70	3.67	1.000	0.99992
2491	1	2.95	1	177	62	0.016	177.00	2.85	1.000	0.99993
2511	1	1.23	1	74	615	0.002	74.00	0.12	1.000	0.99999
2622	2	5.60	2	336	113	0.018	168.00	2.97	1.000	0.99993
2921	1	0.82	1	49	410	0.002	49.00	0.12	1.000	0.99999
2951	1	1.10	1	66	1,377	0.001	66.00	0.05	1.000	0.99999
2961	1	0.90	1	54	645	0.002	54.00	0.08	1.000	0.99999
3081	1	0.73	1	44	567	0.002	44.00	0.08	1.000	0.99999
3082	1	0.53	1	32	321	0.003	32.00	0.10	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3121	1	2.40	1	144	1,120	0.001	144.00	0.13	1.000	0.99999
3122	1	1.07	1	64	843	0.001	64.00	0.08	1.000	0.99999
3221	1	1.37	1	82	1,232	0.001	82.00	0.07	1.000	0.99999
3222	2	3.87	2	232	765	0.003	116.00	0.30	1.000	0.99999
3231	1	2.38	1	143	411	0.002	143.00	0.35	1.000	0.99999
3302	1	2.40	1	144	877	0.001	144.00	0.16	1.000	0.99999
3303	1	0.90	5	274	978	0.005	54.80	0.28	1.000	0.99999
3311	9	6.41	10	434	531	0.019	43.40	0.82	1.250	0.99998
3314	1	0.07	1	4	222	0.005	4.00	0.02	1.000	0.99999
3315	1	2.65	1	159	1,568	0.001	159.00	0.10	1.000	0.99999
3472	4	5.51	19	1,022	1,562	0.012	53.79	0.65	1.056	0.99998
3551	1	1.15	25	1,737	1,034	0.024	69.48	1.68	1.000	0.99996
3552	1	0.58	1	35	570	0.002	35.00	0.06	1.000	0.99999
3553	1	1.02	1	61	1,025	0.001	61.00	0.06	1.000	0.99999
3621	3	2.36	130	5,329	1,549	0.084	40.99	3.44	1.066	0.99992
3661	2	1.64	125	6,150	1,018	0.123	49.20	6.04	1.000	0.99986
3662	1	3.45	1	207	756	0.001	207.00	0.27	1.000	0.99999
3664	1	1.17	15	1,064	514	0.029	70.93	2.07	1.000	0.99995
3671	3	2.64	20	1,196	884	0.023	59.80	1.35	1.000	0.99997
3694	1	1.12	1	67	1,249	0.001	67.00	0.05	1.000	0.99999
3702	1	0.55	15	506	603	0.025	33.73	0.84	1.000	0.99998
3751	2	1.77	49	2,284	872	0.056	46.61	2.62	1.000	0.99994

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3891	1	0.65	1	39	439	0.002	39.00	0.09	1.000	0.99999
3892	1	2.53	1	152	473	0.002	152.00	0.32	1.000	0.99999
3893	1	1.08	1	65	1,094	0.001	65.00	0.06	1.000	0.99999
3894	1	1.08	1	65	118	0.008	65.00	0.55	1.000	0.99999
3913	1	0.67	1	40	952	0.001	40.00	0.04	1.000	0.99999
3914	1	0.75	1	45	668	0.001	45.00	0.07	1.000	0.99999
3951	5	4.85	78	3,877	907	0.086	49.71	4.27	1.026	0.99990
3952	3	3.55	49	1,941	1,248	0.039	39.61	1.56	1.000	0.99996
3953	2	2.67	22	1,337	516	0.043	60.77	2.59	1.000	0.99994
3981	3	2.50	1,626	104,825	1,491	1.091	64.47	70.31	1.091	0.99837
3982	3	2.07	95	4,496	1,755	0.054	47.33	2.56	1.011	0.99994
3991	2	1.57	2	94	721	0.003	47.00	0.13	2.000	0.99999
403	1	0.70	1	42	265	0.004	42.00	0.16	1.000	0.99999
4031	2	3.20	17	1,583	695	0.024	93.12	2.28	1.063	0.99995
4092	8	9.62	521	23,359	420	1.240	44.83	55.62	1.238	0.99871
4102	2	1.28	34	1,336	903	0.038	39.29	1.48	1.000	0.99997
4137	1	1.12	23	1,563	792	0.029	67.96	1.97	1.000	0.99995
4141	1	1.58	1	95	81	0.012	95.00	1.17	1.000	0.99997
4142	1	1.32	36	2,875	589	0.061	79.86	4.88	1.000	0.99989
4153	1	1.03	14	873	1,298	0.011	62.36	0.67	1.000	0.99998
4154	1	0.87	31	1,624	1,148	0.027	52.39	1.41	1.000	0.99997
4155	1	1.32	35	2,785	2,063	0.017	79.57	1.35	1.000	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4171	1	0.58	1	35	680	0.001	35.00	0.05	1.000	0.99999
4172	4	3.90	79	4,362	1,684	0.047	55.22	2.59	1.000	0.99994
4173	1	0.45	27	744	621	0.043	27.56	1.20	1.000	0.99997
4182	1	1.38	1,002	84,117	1,008	0.994	83.95	83.45	1.000	0.99807
4211	2	3.75	12	1,763	955	0.013	146.92	1.85	1.000	0.99996
4212	2	1.59	12	623	804	0.015	51.92	0.77	1.000	0.99998
4224	2	20.38	30	3,060	757	0.040	102.00	4.04	1.034	0.99991
4303	1	1.48	1	89	919	0.001	89.00	0.10	1.000	0.99999
4311	2	7.27	2	436	1,162	0.002	218.00	0.38	1.000	0.99999
4312	1	0.33	832	17,333	832	1.000	20.83	20.83	1.000	0.99952
4324	2	2.28	29	1,856	1,227	0.024	64.00	1.51	1.000	0.99996
4341	1	1.10	23	1,536	1,757	0.013	66.78	0.87	1.000	0.99998
4342	10	11.74	12	855	1,728	0.007	71.25	0.49	1.000	0.99999
4343	4	2.05	38	1,145	1,022	0.037	30.13	1.12	1.086	0.99997
4362	1	0.42	36	918	823	0.044	25.50	1.12	1.000	0.99997
4363	6	9.39	111	6,806	1,066	0.104	61.32	6.38	1.078	0.99985
4371	3	6.30	11	885	1,531	0.007	80.45	0.58	1.000	0.99999
4373	4	8.00	25	3,716	750	0.033	148.64	4.95	1.042	0.99989
4386	1	3.08	1	185	1,648	0.001	185.00	0.11	1.000	0.99999
4431	3	4.44	34	2,352	1,353	0.025	69.18	1.74	1.000	0.99996
4432	5	6.78	75	4,485	450	0.167	59.80	9.97	1.014	0.99977
4511	3	1.30	3	78	1,124	0.003	26.00	0.07	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4601	1	0.43	1	26	408	0.002	26.00	0.06	1.000	0.99999
4602	2	1.10	18	535	939	0.019	29.72	0.57	1.059	0.99999
5603	2	0.78	14	344	1,261	0.011	24.57	0.27	1.000	0.99999
5641	1	0.48	16	468	318	0.050	29.25	1.47	1.000	0.99997
5905	1	10.67	12	7,688	1,844	0.007	640.67	4.17	1.000	0.99990
6023	1	1.65	64	6,375	463	0.138	99.61	13.77	1.000	0.99968
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	231	346.32	8,142	555,317	161,621	0.050	68.20	3.44	1.050	0.99992

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
5/1/2014 to 5/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1082	1	1.78	1	107	1,304	0.001	107.00	0.08	1.000	0.99999
1091	2	1.51	2	91	708	0.003	45.50	0.13	1.000	0.99999
1092	5	8.74	67	4,482	946	0.071	66.90	4.74	1.081	0.99989
1093	1	0.98	1	59	235	0.004	59.00	0.25	1.000	0.99999
1094	2	1.57	1,232	34,870	1,221	1.009	28.30	28.56	1.009	0.99936
1101	4	3.00	106	4,209	972	0.109	39.71	4.33	1.029	0.99990
1102	1	1.58	17	1,616	724	0.023	95.06	2.23	1.000	0.99995
1141	5	5.16	962	55,060	900	1.069	57.23	61.18	1.069	0.99863
1142	1	0.67	15	610	215	0.070	40.67	2.84	1.000	0.99994
1211	4	4.86	78	5,703	1,475	0.053	73.12	3.87	1.013	0.99991
1212	1	1.87	130	14,586	326	0.399	112.20	44.74	1.000	0.99900
1213	2	1.70	47	2,409	543	0.087	51.26	4.44	1.000	0.99990
1230	2	2.53	899	93,742	1,179	0.763	104.27	79.51	1.001	0.99822
1232	3	5.60	132	5,890	1,176	0.112	44.62	5.01	1.008	0.99989
1233	3	2.42	131	5,882	639	0.205	44.90	9.21	1.008	0.99979
1241	3	2.63	37	2,089	839	0.044	56.46	2.49	1.028	0.99994
1242	7	6.26	51	3,036	674	0.076	59.53	4.50	1.000	0.99990

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1243	4	4.35	90	4,855	1,188	0.076	53.94	4.09	1.047	0.99991
1263	9	11.01	400	23,376	1,136	0.352	58.44	20.58	1.061	0.99954
1265	4	2.77	213	8,264	1,280	0.166	38.80	6.46	1.076	0.99986
1271	5	5.94	41	2,880	943	0.043	70.24	3.05	1.051	0.99993
1281	1	1.18	1	71	161	0.006	71.00	0.44	1.000	0.99999
1282	6	4.00	232	8,889	930	0.249	38.31	9.56	1.506	0.99979
1283	1	0.73	1	44	363	0.003	44.00	0.12	1.000	0.99999
1284	1	0.73	13	575	866	0.015	44.23	0.66	1.000	0.99999
1285	1	1.77	1	106	1,084	0.001	106.00	0.10	1.000	0.99999
1312	3	9.77	18	5,873	920	0.020	326.28	6.38	1.000	0.99986
1451	1	1.57	3	284	512	0.006	94.67	0.55	1.000	0.99999
1452	3	2.84	185	13,720	451	0.410	74.16	30.42	1.039	0.99932
1453	3	2.27	100	2,880	1,810	0.055	28.80	1.59	1.000	0.99996
1454	1	0.82	31	1,516	925	0.034	48.90	1.64	1.000	0.99996
1455	2	1.38	2	83	251	0.008	41.50	0.33	1.000	0.99999
1843	1	1.05	1	63	1,080	0.001	63.00	0.06	1.000	0.99999
2091	2	1.98	14	725	872	0.016	51.79	0.83	1.000	0.99998
2171	2	1.13	23	933	557	0.041	40.57	1.68	1.000	0.99996
2211	3	4.77	56	4,200	721	0.078	75.00	5.83	1.037	0.99987
2212	3	3.15	10	662	1,274	0.008	66.20	0.52	1.000	0.99999
2621	5	4.96	34	2,200	1,152	0.030	64.71	1.91	1.000	0.99996
2951	1	1.67	46	4,607	1,377	0.033	100.15	3.35	1.000	0.99993

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2961	1	1.13	18	1,238	645	0.028	68.78	1.92	1.000	0.99996
3121	3	2.52	117	6,096	1,120	0.104	52.10	5.44	1.017	0.99988
3122	2	4.90	844	115,886	843	1.001	137.31	137.47	1.001	0.99692
3123	1	0.58	25	884	1,034	0.024	35.36	0.85	1.000	0.99998
3181	1	1.18	1	71	717	0.001	71.00	0.10	1.000	0.99999
3221	5	6.17	33	1,351	1,232	0.027	40.94	1.10	1.179	0.99998
3222	2	2.87	2	172	765	0.003	86.00	0.22	1.000	0.99999
3302	1	0.62	24	909	877	0.027	37.88	1.04	1.000	0.99998
3303	3	2.53	213	10,769	978	0.218	50.56	11.01	1.000	0.99975
3315	2	4.53	63	8,701	1,568	0.040	138.11	5.55	1.000	0.99988
3422	1	0.82	1	49	966	0.001	49.00	0.05	1.000	0.99999
3423	1	0.58	27	947	382	0.071	35.07	2.48	1.000	0.99994
3471	2	3.27	2	196	166	0.012	98.00	1.18	1.000	0.99997
3472	2	1.15	61	2,275	1,562	0.039	37.30	1.46	1.000	0.99997
3553	2	2.52	648	41,991	1,026	0.632	64.80	40.93	1.002	0.99908
3591	3	4.66	41	3,901	1,136	0.036	95.15	3.43	1.000	0.99992
3592	1	0.72	88	3,785	1,723	0.051	43.01	2.20	1.000	0.99995
3621	4	6.55	36	1,202	1,551	0.023	33.39	0.77	1.029	0.99998
3664	7	5.24	219	13,100	514	0.426	59.82	25.49	1.033	0.99943
3671	3	2.82	64	4,666	884	0.072	72.91	5.28	1.000	0.99988
3691	1	1.07	91	5,845	1,145	0.079	64.23	5.10	1.000	0.99989
3692	1	1.35	1	81	407	0.002	81.00	0.20	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3693	2	2.24	18	1,212	183	0.098	67.33	6.62	2.000	0.99985
3701	2	2.55	14	889	477	0.029	63.50	1.86	1.000	0.99996
3751	6	3.39	53	3,843	872	0.061	72.51	4.41	1.000	0.99990
3878	4	3.36	27	677	780	0.035	25.07	0.87	1.000	0.99998
3891	1	0.43	1	26	439	0.002	26.00	0.06	1.000	0.99999
3893	4	5.87	31	2,814	1,094	0.028	90.77	2.57	1.000	0.99994
3894	1	0.98	1	59	118	0.008	59.00	0.50	1.000	0.99999
3901	2	3.57	7	559	875	0.008	79.86	0.64	1.000	0.99999
3903	1	1.35	1	81	287	0.003	81.00	0.28	1.000	0.99999
3912	2	2.20	23	1,183	950	0.024	51.43	1.25	1.045	0.99997
3913	4	6.42	26	6,336	952	0.027	243.69	6.66	1.000	0.99985
3914	1	1.77	4	424	350	0.011	106.00	1.21	1.000	0.99997
3951	2	2.85	95	8,663	907	0.105	91.19	9.55	1.022	0.99979
3952	5	4.41	1,325	70,832	1,248	1.062	53.46	56.76	1.061	0.99873
3953	2	3.80	61	9,493	516	0.118	155.62	18.40	1.017	0.99959
3971	1	3.55	655	139,515	656	0.998	213.00	212.68	1.000	0.99524
3981	2	3.69	3	366	1,491	0.002	122.00	0.25	1.000	0.99999
3991	16	10.49	478	48,041	721	0.663	100.50	66.63	1.046	0.99851
3992	1	1.23	7	522	165	0.042	74.57	3.16	1.000	0.99993
403	1	3.70	1	222	265	0.004	222.00	0.84	1.000	0.99998
4091	4	2.28	24	978	1,141	0.021	40.75	0.86	1.000	0.99998
4092	11	6.39	445	10,333	420	1.060	23.22	24.60	1.057	0.99945

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4102	2	2.67	905	46,526	903	1.002	51.41	51.52	1.002	0.99885
4133	1	1.25	1	75	630	0.002	75.00	0.12	1.000	0.99999
4137	1	0.40	26	646	792	0.033	24.85	0.82	1.000	0.99998
4142	1	4.47	1	268	589	0.002	268.00	0.46	1.000	0.99999
4153	2	1.56	15	438	1,298	0.012	29.20	0.34	1.000	0.99999
4155	1	1.68	23	2,325	2,063	0.011	101.09	1.13	1.000	0.99997
4171	1	0.77	1	46	674	0.001	46.00	0.07	1.000	0.99999
4172	12	13.03	286	17,756	1,686	0.170	62.08	10.53	1.172	0.99976
4173	1	0.70	1	42	621	0.002	42.00	0.07	1.000	0.99999
4181	2	1.23	45	1,536	485	0.093	34.13	3.17	1.000	0.99993
4182	1	1.92	28	3,181	1,009	0.028	113.61	3.15	1.000	0.99993
4211	2	1.53	14	908	956	0.015	64.86	0.95	1.077	0.99998
4212	9	11.27	57	3,164	804	0.071	55.51	3.94	1.000	0.99991
4222	3	7.16	5	702	1,022	0.005	140.40	0.69	1.000	0.99998
4223	1	2.93	20	3,527	657	0.030	176.35	5.37	1.000	0.99988
4224	4	3.14	327	16,520	757	0.432	50.52	21.82	1.120	0.99951
4311	1	0.75	22	999	1,163	0.019	45.41	0.86	1.000	0.99998
4313	2	1.55	6	277	316	0.019	46.17	0.88	1.000	0.99998
4324	1	1.85	1	111	1,229	0.001	111.00	0.09	1.000	0.99999
4341	3	2.55	29	1,457	1,757	0.017	50.24	0.83	1.036	0.99998
4342	3	2.28	87	4,952	1,728	0.050	56.92	2.87	2.023	0.99994
4343	1	0.92	1	55	1,022	0.001	55.00	0.05	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4361	3	2.58	52	905	1,644	0.032	17.40	0.55	1.040	0.99999
4362	2	1.63	49	1,914	823	0.060	39.06	2.33	1.065	0.99995
4363	2	2.42	13	855	1,066	0.012	65.77	0.80	1.000	0.99998
4371	5	7.07	1,558	93,329	1,532	1.017	59.90	60.92	1.016	0.99864
4372	2	2.05	432	25,923	429	1.007	60.01	60.43	1.002	0.99865
4373	1	1.00	755	45,300	752	1.004	60.00	60.24	1.000	0.99865
4381	1	2.38	194	27,910	319	0.608	143.87	87.49	1.000	0.99804
4431	9	16.52	1,379	157,525	1,353	1.019	114.23	116.43	1.025	0.99739
4432	1	4.27	1	256	451	0.002	256.00	0.57	1.000	0.99999
4511	1	1.52	1	91	1,124	0.001	91.00	0.08	1.000	0.99999
455	2	2.15	2	129	113	0.018	64.50	1.14	1.000	0.99997
4602	4	4.02	226	12,207	940	0.240	54.01	12.99	1.009	0.99971
4714	1	0.73	11	484	308	0.036	44.00	1.57	1.000	0.99996
5601	7	5.39	279	12,913	1,148	0.243	46.28	11.25	1.011	0.99975
5603	3	2.59	69	3,392	1,270	0.054	49.16	2.67	1.030	0.99994
5901	1	0.38	16	374	714	0.022	23.38	0.52	1.000	0.99999
5902	5	6.32	1,483	45,007	1,005	1.476	30.35	44.78	1.476	0.99900
5903	2	2.72	2	163	226	0.009	81.50	0.72	1.000	0.99998
5904	1	2.67	37	5,930	1,139	0.032	160.27	5.21	1.000	0.99988
5905	4	2.12	1,872	70,801	1,844	1.015	37.82	38.40	1.015	0.99914
6141	3	2.35	59	2,808	629	0.094	47.59	4.46	2.034	0.99990
6144	1	0.67	1	40	317	0.003	40.00	0.13	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	349	396.16	21,734	1,466,197	161,650	0.134	67.46	9.07	1.026	0.99980

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
6/1/2014 to 6/30/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	3	4.80	179	5,866	1,566	0.114	32.77	3.75	1.011	0.99991
1051	6	17.46	189	13,561	1,068	0.177	71.75	12.70	1.038	0.99971
1082	13	42.51	263	42,632	1,306	0.201	162.10	32.64	1.154	0.99924
1084	1	7.73	4	1,857	5	0.800	464.25	371.40	1.000	0.99140
1091	3	5.00	1,417	88,945	708	2.001	62.77	125.63	2.001	0.99709
1092	6	16.12	12	3,850	948	0.013	320.83	4.06	1.091	0.99991
1094	3	11.62	11	4,234	1,224	0.009	384.91	3.46	1.000	0.99992
1101	4	15.05	18	5,523	972	0.019	306.83	5.68	1.059	0.99987
1102	1	1.25	73	5,473	714	0.102	74.97	7.67	1.000	0.99982
1142	1	0.85	1	51	215	0.005	51.00	0.24	1.000	0.99999
1211	4	3.03	9	437	1,475	0.006	48.56	0.30	1.000	0.99999
1212	1	1.85	1	111	327	0.003	111.00	0.34	1.000	0.99999
1213	4	3.42	59	3,546	543	0.109	60.10	6.53	1.000	0.99985
1230	2	1.48	18	1,113	1,180	0.015	61.83	0.94	1.000	0.99998
1232	7	8.92	366	20,564	1,176	0.311	56.19	17.49	1.028	0.99960
1233	2	1.64	18	793	639	0.028	44.06	1.24	1.000	0.99997
1241	5	28.70	48	20,211	840	0.057	421.06	24.06	1.000	0.99944

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1242	1	5.87	1	352	675	0.001	352.00	0.52	1.000	0.99999
1243	6	35.54	50	16,775	1,189	0.042	335.50	14.11	1.136	0.99967
1262	1	3.08	1	185	136	0.007	185.00	1.36	1.000	0.99997
1263	3	7.18	344	31,712	1,139	0.302	92.19	27.84	1.006	0.99936
1265	1	4.03	57	13,844	1,280	0.045	242.88	10.82	1.000	0.99975
1267	2	5.74	41	7,864	79	0.519	191.80	99.54	1.464	0.99770
1271	5	9.14	79	5,054	943	0.084	63.97	5.36	1.053	0.99988
1273	8	9.74	47	2,560	863	0.054	54.47	2.97	1.000	0.99993
1281	2	6.11	2	367	162	0.012	183.50	2.27	2.000	0.99995
1282	4	10.47	30	4,852	934	0.032	161.73	5.19	1.034	0.99988
1284	1	1.17	9	636	866	0.010	70.67	0.73	1.000	0.99998
1285	2	4.55	53	2,206	1,084	0.049	41.62	2.04	1.019	0.99995
1451	1	0.37	1	22	512	0.002	22.00	0.04	1.000	0.99999
1452	19	20.56	694	55,306	452	1.535	79.69	122.36	1.539	0.99717
1453	3	2.60	72	4,665	1,811	0.040	64.79	2.58	1.029	0.99994
1521	4	10.55	37	7,177	354	0.105	193.97	20.27	3.083	0.99953
1523	6	13.27	186	11,115	714	0.261	59.76	15.57	1.069	0.99964
1841	3	3.60	10	670	630	0.016	67.00	1.06	1.000	0.99998
1842	1	1.28	1	77	280	0.004	77.00	0.28	1.000	0.99999
1843	5	13.98	132	22,633	1,080	0.122	171.46	20.96	1.039	0.99951
2051	2	2.48	163	11,368	162	1.006	69.74	70.17	1.006	0.99838
2052	9	7.90	9	475	85	0.106	52.78	5.59	1.125	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2091	6	8.33	26	1,984	872	0.030	76.31	2.28	1.040	0.99995
2092	3	3.72	34	2,556	906	0.038	75.18	2.82	1.000	0.99993
2171	2	2.11	42	2,686	558	0.075	63.95	4.81	1.000	0.99989
2211	3	5.00	60	3,450	722	0.083	57.50	4.78	1.000	0.99989
2212	4	4.26	14	1,119	1,275	0.011	79.93	0.88	1.167	0.99998
2621	3	6.06	3	363	1,154	0.003	121.00	0.31	1.000	0.99999
2622	1	9.40	113	63,841	113	1.000	564.96	564.96	1.000	0.98692
2921	1	1.73	3	313	410	0.007	104.33	0.76	1.000	0.99998
2951	9	6.81	9	409	1,378	0.007	45.44	0.30	1.125	0.99999
2961	6	7.72	2,022	194,799	645	3.135	96.34	302.01	3.150	0.99301
2962	11	20.33	286	27,810	254	1.126	97.24	109.49	1.126	0.99747
3081	1	3.02	1	181	568	0.002	181.00	0.32	1.000	0.99999
3121	2	4.00	341	56,280	1,120	0.304	165.04	50.25	1.003	0.99884
3122	2	1.75	41	3,110	844	0.049	75.85	3.68	1.000	0.99991
3123	2	3.32	14	760	1,034	0.014	54.29	0.74	1.077	0.99998
3221	7	11.45	60	5,033	1,232	0.049	83.88	4.09	1.091	0.99991
3222	11	14.25	36	2,593	765	0.047	72.03	3.39	1.125	0.99992
3231	2	2.05	2	123	412	0.005	61.50	0.30	1.000	0.99999
3232	1	1.20	1	72	425	0.002	72.00	0.17	1.000	0.99999
3302	2	1.60	606	27,904	878	0.690	46.05	31.78	1.002	0.99926
3311	2	2.73	143	11,810	533	0.268	82.59	22.16	1.044	0.99949
3315	1	1.05	1	63	1,568	0.001	63.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3421	2	2.26	2	136	288	0.007	68.00	0.47	1.000	0.99999
3422	7	8.64	159	6,959	967	0.164	43.77	7.20	1.013	0.99983
3423	1	0.88	3	161	384	0.008	53.67	0.42	1.000	0.99999
3471	2	3.36	1,357	198,214	763	1.779	146.07	259.78	1.001	0.99399
3472	3	6.70	1,450	419,167	1,562	0.928	289.08	268.35	1.012	0.99379
3551	2	1.43	85	3,792	1,034	0.082	44.61	3.67	1.000	0.99992
3552	22	25.23	152	11,046	570	0.267	72.67	19.38	1.034	0.99955
3553	19	27.21	490	53,155	1,028	0.477	108.48	51.71	1.043	0.99880
3591	2	1.51	60	2,760	1,138	0.053	46.00	2.43	1.034	0.99994
3592	11	13.19	2,012	307,980	1,724	1.167	153.07	178.64	1.164	0.99586
3593	1	1.93	20	2,335	933	0.021	116.75	2.50	1.000	0.99994
3594	1	0.47	7	199	658	0.011	28.43	0.30	1.000	0.99999
3621	9	15.21	1,712	252,844	1,553	1.102	147.69	162.81	1.103	0.99623
3661	5	14.19	71	8,545	1,018	0.070	120.35	8.39	1.000	0.99981
3663	5	8.23	54	4,189	780	0.069	77.57	5.37	1.000	0.99988
3664	5	57.91	18	7,570	516	0.035	420.56	14.67	1.000	0.99966
3691	3	3.33	1,238	141,094	1,144	1.082	113.97	123.33	1.082	0.99715
3692	1	1.95	408	48,110	407	1.002	117.92	118.21	1.000	0.99726
3694	4	6.38	4	383	1,254	0.003	95.75	0.31	1.000	0.99999
3701	2	2.99	497	54,775	478	1.040	110.21	114.59	1.042	0.99735
3702	5	5.08	737	73,907	604	1.220	100.28	122.36	1.222	0.99717
3751	6	5.58	38	2,068	872	0.044	54.42	2.37	1.000	0.99995

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3871	2	1.74	5	316	1,386	0.004	63.20	0.23	1.000	0.99999
3872	3	4.19	24	1,953	1,068	0.022	81.38	1.83	1.000	0.99996
3878	4	6.19	4	371	780	0.005	92.75	0.48	1.000	0.99999
3891	2	5.49	68	11,222	440	0.155	165.03	25.50	1.889	0.99941
3893	6	9.94	16	1,843	1,094	0.015	115.19	1.68	1.000	0.99996
3901	5	13.15	933	176,892	877	1.064	189.59	201.70	1.064	0.99533
3912	1	2.00	1	120	953	0.001	120.00	0.13	1.000	0.99999
3913	7	22.03	60	16,680	879	0.068	278.00	18.98	1.034	0.99956
3951	4	5.50	190	18,085	908	0.209	95.18	19.92	1.038	0.99954
3952	2	11.13	14	1,094	1,248	0.011	78.14	0.88	1.000	0.99998
3953	19	29.09	349	39,362	517	0.675	112.79	76.14	1.042	0.99824
3971	3	2.81	155	9,517	657	0.236	61.40	14.49	1.107	0.99966
3981	35	42.75	528	43,802	1,494	0.353	82.96	29.32	1.153	0.99932
3982	4	5.68	1,775	219,919	1,758	1.010	123.90	125.10	1.011	0.99710
3991	2	3.95	3	413	722	0.004	137.67	0.57	1.000	0.99999
3992	2	3.62	8	764	165	0.048	95.50	4.63	1.143	0.99989
403	1	2.02	1	121	266	0.004	121.00	0.45	1.000	0.99999
4031	5	7.31	70	12,731	696	0.101	181.87	18.29	1.045	0.99958
407	1	2.07	1	124	102	0.010	124.00	1.22	1.000	0.99997
4091	6	5.66	49	3,110	1,142	0.043	63.47	2.72	1.021	0.99994
4092	4	7.51	4	451	420	0.010	112.75	1.07	1.000	0.99998
4101	3	7.46	114	12,685	578	0.197	111.27	21.95	1.000	0.99949

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4102	1	6.73	46	18,622	904	0.051	404.83	20.60	1.000	0.99952
4132	1	0.87	1	52	568	0.002	52.00	0.09	1.000	0.99999
4133	1	1.27	29	2,218	630	0.046	76.48	3.52	1.000	0.99992
4134	4	5.08	54	4,458	832	0.065	82.56	5.36	1.059	0.99988
4137	1	0.47	1	28	792	0.001	28.00	0.04	1.000	0.99999
4138	1	2.40	1	144	746	0.001	144.00	0.19	1.000	0.99999
4141	3	9.85	5	820	81	0.062	164.00	10.12	1.250	0.99977
4151	1	0.47	1	28	1,238	0.001	28.00	0.02	1.000	0.99999
4153	1	2.70	1	162	1,298	0.001	162.00	0.12	1.000	0.99999
4154	1	3.13	91	17,108	1,150	0.079	188.00	14.88	1.000	0.99966
4155	2	2.38	2,087	114,916	2,067	1.010	55.06	55.60	1.012	0.99871
4171	5	20.13	35	10,200	670	0.052	291.43	15.22	1.000	0.99965
4172	17	86.73	224	61,464	1,690	0.133	274.39	36.37	1.023	0.99916
4173	2	13.35	74	10,806	621	0.119	146.03	17.40	1.014	0.99960
4182	3	2.90	1,029	33,401	1,010	1.019	32.46	33.07	1.025	0.99923
4211	8	30.05	83	12,741	957	0.087	153.51	13.31	1.000	0.99969
4212	12	26.53	869	118,699	804	1.081	136.59	147.64	1.081	0.99658
4222	1	1.60	1	96	1,024	0.001	96.00	0.09	1.000	0.99999
4224	7	28.53	26	6,043	758	0.034	232.42	7.97	1.040	0.99982
4313	2	1.48	2	89	316	0.006	44.50	0.28	1.000	0.99999
4322	1	0.83	1	50	92	0.011	50.00	0.54	1.000	0.99999
4324	1	1.40	1,228	103,745	1,236	0.994	84.48	83.94	1.000	0.99806

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4341	5	5.91	1,354	96,984	1,759	0.770	71.63	55.14	1.008	0.99872
4342	1	0.53	1	32	1,731	0.001	32.00	0.02	1.000	0.99999
4343	2	0.60	39	649	1,022	0.038	16.64	0.64	1.026	0.99999
4361	5	4.38	59	3,374	1,646	0.036	57.19	2.05	1.017	0.99995
4362	1	2.78	71	11,862	823	0.086	167.07	14.41	1.000	0.99967
4363	8	15.48	203	29,767	1,070	0.190	146.64	27.82	1.208	0.99936
4371	7	23.88	8	1,897	1,534	0.005	237.13	1.24	1.000	0.99997
4372	3	6.31	31	2,144	430	0.072	69.16	4.99	1.069	0.99988
4373	4	14.84	9	2,890	754	0.012	321.11	3.83	1.125	0.99991
4385	1	0.27	1	16	1,111	0.001	16.00	0.01	1.000	0.99999
4431	10	13.59	1,704	166,191	1,354	1.258	97.53	122.74	1.266	0.99716
4432	3	7.67	63	4,624	453	0.139	73.40	10.21	1.033	0.99976
4511	2	2.45	112	8,295	1,124	0.100	74.06	7.38	1.000	0.99983
4601	2	3.27	23	3,992	408	0.056	173.57	9.78	1.045	0.99977
4602	20	43.34	754	102,871	941	0.801	136.43	109.32	1.425	0.99747
4714	6	9.69	32	1,984	616	0.052	62.00	3.22	1.032	0.99993
5601	9	6.21	25	1,144	1,140	0.022	45.76	1.00	1.042	0.99998
5602	2	5.82	678	198,169	678	1.000	292.28	292.28	1.001	0.99323
5603	8	12.16	1,290	112,459	1,280	1.008	87.18	87.86	1.009	0.99797
5901	4	6.42	39	2,243	844	0.046	57.51	2.66	1.026	0.99994
5902	9	18.24	217	13,347	1,008	0.215	61.51	13.24	1.009	0.99969
5905	7	7.59	120	9,939	1,846	0.065	82.83	5.38	1.000	0.99988

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
6022	1	3.97	4	955	431	0.009	238.75	2.22	1.000	0.99995
6024	2	1.37	80	3,475	390	0.205	43.44	8.91	1.013	0.99979
6141	2	1.96	30	848	630	0.048	28.27	1.35	1.034	0.99997
6142	1	1.57	1	94	303	0.003	94.00	0.31	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	677	1,356.66	36,346	4,293,040	161,562	0.225	118.12	26.57	1.131	0.99938

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
7/1/2014 to 7/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.55	89	8,287	1,566	0.057	93.11	5.29	1.000	0.99988
1051	2	1.84	51	2,666	1,068	0.048	52.27	2.50	1.020	0.99994
1082	6	6.72	133	7,019	1,306	0.102	52.77	5.37	1.056	0.99988
1091	1	0.22	1	13	708	0.001	13.00	0.02	1.000	0.99999
1092	3	3.51	39	3,892	951	0.041	99.79	4.09	1.026	0.99991
1094	2	0.68	202	4,271	1,227	0.165	21.14	3.48	1.031	0.99992
1101	3	3.02	112	7,632	972	0.115	68.14	7.85	1.009	0.99982
1102	2	2.88	107	9,819	716	0.149	91.77	13.71	1.019	0.99969
1141	5	3.76	1,006	68,284	900	1.118	67.88	75.87	1.118	0.99830
1142	1	1.10	2	132	215	0.009	66.00	0.61	1.000	0.99999
1211	5	5.51	5	331	1,475	0.003	66.20	0.22	1.000	0.99999
1213	5	5.86	12	804	543	0.022	67.00	1.48	1.000	0.99997
1230	2	2.72	84	6,911	1,180	0.071	82.27	5.86	1.000	0.99987
1232	1	1.47	1	88	1,177	0.001	88.00	0.07	1.000	0.99999
1241	2	8.87	18	2,836	840	0.021	157.56	3.38	1.059	0.99992
1243	6	5.81	12	807	1,189	0.010	67.25	0.68	1.000	0.99998
1263	2	2.60	2	156	1,142	0.002	78.00	0.14	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1265	3	3.02	32	1,324	1,281	0.025	41.38	1.03	1.000	0.99998
1271	2	2.52	3	203	943	0.003	67.67	0.22	1.000	0.99999
1273	1	0.75	9	413	863	0.010	45.89	0.48	1.000	0.99999
1282	1	0.93	20	1,129	936	0.021	56.45	1.21	1.000	0.99997
1284	1	0.95	31	1,794	867	0.036	57.87	2.07	1.000	0.99995
1285	2	1.28	402	14,917	1,085	0.371	37.11	13.75	1.000	0.99969
1451	2	2.64	27	2,095	512	0.053	77.59	4.09	1.000	0.99991
1452	3	2.66	3	160	452	0.007	53.33	0.35	1.500	0.99999
1453	2	1.91	171	6,864	1,796	0.095	40.14	3.82	1.043	0.99991
1521	1	1.58	20	1,906	354	0.056	95.30	5.38	1.000	0.99988
1522	1	2.45	89	13,045	101	0.881	146.57	129.16	1.000	0.99711
1523	3	3.23	17	1,113	714	0.024	65.47	1.56	1.000	0.99997
1843	3	3.44	306	22,127	1,080	0.283	72.31	20.49	1.007	0.99954
2051	5	1.32	5	79	162	0.031	15.80	0.49	1.000	0.99999
2052	3	2.73	3	164	85	0.035	54.67	1.93	1.500	0.99996
2091	1	1.43	1	86	872	0.001	86.00	0.10	1.000	0.99999
2092	3	8.65	29	3,087	906	0.032	106.45	3.41	1.000	0.99992
2171	1	0.90	10	544	559	0.018	54.40	0.97	1.000	0.99998
2172	1	1.38	1	83	222	0.005	83.00	0.37	1.000	0.99999
2211	2	5.53	32	4,683	722	0.044	146.34	6.49	1.000	0.99985
2212	6	7.20	38	1,865	1,276	0.030	49.08	1.46	1.118	0.99997
2491	2	8.25	124	30,747	62	2.000	247.96	495.92	2.000	0.98889

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2492	2	4.25	30	4,336	29	1.034	144.53	149.52	1.000	0.99665
2501	5	6.72	5	403	80	0.063	80.60	5.04	1.000	0.99989
2511	9	11.67	59	6,720	618	0.095	113.90	10.87	1.017	0.99976
2621	8	10.58	64	5,340	1,154	0.055	83.44	4.63	1.000	0.99990
2921	1	0.92	1	55	411	0.002	55.00	0.13	1.000	0.99999
2951	5	4.67	5	280	1,380	0.004	56.00	0.20	1.000	0.99999
2961	1	0.68	18	742	645	0.028	41.22	1.15	1.000	0.99997
3081	3	5.60	15	1,346	568	0.026	89.73	2.37	1.154	0.99995
3121	2	2.86	71	5,025	1,120	0.063	70.77	4.49	1.000	0.99990
3122	1	0.95	16	917	844	0.019	57.31	1.09	1.000	0.99998
3221	3	9.87	21	4,053	1,232	0.017	193.00	3.29	1.050	0.99993
3222	5	17.03	13	4,623	765	0.017	355.62	6.04	1.083	0.99986
3231	3	3.25	30	1,619	412	0.073	53.97	3.93	1.000	0.99991
3232	1	1.33	13	1,048	425	0.031	80.62	2.47	1.000	0.99994
3302	1	1.38	15	1,249	879	0.017	83.27	1.42	1.000	0.99997
3303	1	0.92	10	553	978	0.010	55.30	0.57	1.000	0.99999
3311	11	34.16	61	16,781	535	0.114	275.10	31.37	1.017	0.99930
3315	1	1.43	13	1,119	1,568	0.008	86.08	0.71	1.000	0.99998
3422	7	11.08	39	2,194	967	0.040	56.26	2.27	1.054	0.99995
3423	2	2.46	39	2,830	384	0.102	72.56	7.37	1.000	0.99983
3471	14	11.70	1,402	82,059	1,359	1.032	58.53	60.38	1.034	0.99865
3472	3	2.52	50	2,158	1,563	0.032	43.16	1.38	1.020	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3553	6	14.69	6	882	1,028	0.006	147.00	0.86	1.000	0.99998
3591	2	1.35	23	1,107	1,139	0.020	48.13	0.97	1.000	0.99998
3592	12	14.06	1,832	272,401	1,724	1.063	148.69	158.01	1.060	0.99646
3621	5	4.57	121	6,013	1,553	0.078	49.69	3.87	1.017	0.99991
3661	3	2.81	173	10,728	1,018	0.170	62.01	10.54	1.006	0.99976
3662	3	5.63	1,501	87,020	760	1.975	57.97	114.50	2.004	0.99744
3663	10	9.27	219	16,209	782	0.280	74.01	20.73	1.028	0.99954
3664	3	3.58	3	215	517	0.006	71.67	0.42	1.000	0.99999
3675	1	2.15	1	129	413	0.002	129.00	0.31	1.000	0.99999
3691	3	2.96	63	2,696	1,144	0.055	42.79	2.36	1.016	0.99995
3702	5	4.18	62	4,703	605	0.102	75.85	7.77	1.127	0.99983
3751	3	3.56	3	214	872	0.003	71.33	0.25	1.000	0.99999
3872	1	0.95	1,067	61,174	1,068	0.999	57.33	57.28	1.000	0.99872
3873	2	3.28	74	7,316	792	0.093	98.86	9.24	1.000	0.99979
3878	3	3.33	90	6,692	782	0.115	74.36	8.56	1.047	0.99981
3891	1	0.55	13	439	440	0.030	33.77	1.00	1.000	0.99998
3892	1	0.95	1	57	473	0.002	57.00	0.12	1.000	0.99999
3893	4	6.37	76	5,972	1,095	0.069	78.58	5.45	1.027	0.99988
3901	2	2.46	54	2,975	877	0.062	55.09	3.39	1.102	0.99992
3903	1	1.25	1	75	287	0.003	75.00	0.26	1.000	0.99999
3912	1	4.57	1	274	956	0.001	274.00	0.29	1.000	0.99999
3913	1	1.32	5	396	806	0.006	79.20	0.49	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3952	5	5.46	92	5,982	1,249	0.074	65.02	4.79	1.011	0.99989
3953	1	1.30	8	625	517	0.015	78.13	1.21	1.000	0.99997
3971	1	0.78	15	709	658	0.023	47.27	1.08	1.000	0.99998
3981	6	7.15	60	4,344	1,497	0.040	72.40	2.90	1.034	0.99993
3982	5	3.67	281	9,705	1,760	0.160	34.54	5.51	1.007	0.99988
3991	6	5.30	26	2,048	724	0.036	78.77	2.83	1.000	0.99994
4031	8	9.11	750	48,953	697	1.076	65.27	70.23	1.079	0.99843
4091	1	0.58	1	35	1,141	0.001	35.00	0.03	1.000	0.99999
4092	1	3.40	1	204	420	0.002	204.00	0.49	1.000	0.99999
4101	1	4.40	53	13,997	579	0.092	264.09	24.17	1.000	0.99946
4102	2	1.38	904	35,742	905	0.999	39.54	39.49	1.001	0.99912
4131	4	7.74	589	77,838	197	2.990	132.15	395.12	3.005	0.99115
4132	28	20.99	112	5,690	568	0.197	50.80	10.02	1.000	0.99978
4134	2	0.80	2	48	832	0.002	24.00	0.06	1.000	0.99999
4137	1	1.28	792	61,657	792	1.000	77.85	77.85	1.000	0.99826
4138	1	1.93	1	116	746	0.001	116.00	0.16	1.000	0.99999
4141	1	0.98	1	59	81	0.012	59.00	0.73	1.000	0.99998
4142	5	16.94	90	15,235	589	0.153	169.28	25.87	1.139	0.99942
4151	1	1.67	1	100	1,239	0.001	100.00	0.08	1.000	0.99999
4152	1	3.12	84	15,738	790	0.106	187.36	19.92	1.000	0.99955
4154	2	3.25	32	2,060	1,152	0.028	64.38	1.79	1.000	0.99996
4155	2	1.33	2	80	2,071	0.001	40.00	0.04	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4171	2	1.43	2	86	672	0.003	43.00	0.13	1.000	0.99999
4172	8	8.53	64	5,422	1,692	0.038	84.72	3.20	1.016	0.99993
4181	1	0.28	39	681	485	0.080	17.46	1.40	1.000	0.99997
4182	2	1.65	11	424	1,011	0.011	38.55	0.42	1.000	0.99999
4211	1	1.10	1	66	958	0.001	66.00	0.07	1.000	0.99999
4212	4	5.68	42	3,738	804	0.052	89.00	4.65	1.000	0.99990
4222	1	1.08	40	2,617	1,027	0.039	65.43	2.55	1.000	0.99994
4224	3	1.22	63	1,097	759	0.083	17.41	1.45	1.016	0.99997
4303	1	0.90	13	705	928	0.014	54.23	0.76	1.000	0.99998
4311	2	2.70	32	1,522	1,050	0.030	47.56	1.45	1.000	0.99997
4312	1	0.27	331	5,296	834	0.397	16.00	6.35	1.000	0.99986
4332	1	2.37	77	11,002	302	0.255	142.88	36.43	1.000	0.99918
4341	8	10.42	94	5,457	1,761	0.053	58.05	3.10	1.044	0.99993
4342	3	2.56	75	3,796	1,734	0.043	50.61	2.19	1.071	0.99995
4343	5	3.43	1,135	54,257	1,022	1.111	47.80	53.09	1.111	0.99881
4361	2	1.04	31	1,400	1,647	0.019	45.16	0.85	1.000	0.99998
4362	1	0.40	39	952	823	0.047	24.41	1.16	1.000	0.99997
4363	2	5.08	8	1,781	1,073	0.007	222.63	1.66	1.000	0.99996
4371	1	2.28	82	11,279	1,534	0.053	137.55	7.35	1.000	0.99984
4372	1	1.48	12	1,069	430	0.028	89.08	2.49	1.000	0.99994
4373	3	9.25	17	4,318	754	0.023	254.00	5.73	1.063	0.99987
4383	1	1.05	62	3,886	142	0.437	62.68	27.37	1.000	0.99939

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4385	3	6.04	667	64,106	1,112	0.600	96.11	57.65	1.003	0.99871
4431	23	40.35	1,862	62,498	1,354	1.375	33.56	46.16	1.383	0.99897
4432	3	8.18	514	80,106	454	1.132	155.85	176.44	1.137	0.99605
4511	3	4.98	1,181	103,679	1,125	1.050	87.79	92.16	1.051	0.99794
4512	1	1.12	1	67	947	0.001	67.00	0.07	1.000	0.99999
4601	18	9.12	82	3,254	408	0.201	39.68	7.98	1.025	0.99982
4602	5	8.39	238	22,553	941	0.253	94.76	23.97	1.123	0.99946
4712	1	0.58	23	825	23	1.000	35.87	35.87	1.000	0.99920
4713	1	0.45	1	27	1	1.000	27.00	27.00	1.000	0.99940
4714	9	5.12	753	30,486	616	1.222	40.49	49.49	1.224	0.99889
5601	4	1.93	79	2,127	1,141	0.069	26.92	1.86	1.000	0.99996
5602	4	4.47	698	82,696	679	1.028	118.48	121.79	1.031	0.99727
5603	4	4.43	174	6,722	1,281	0.136	38.63	5.25	1.000	0.99988
5641	1	0.92	1	55	318	0.003	55.00	0.17	1.000	0.99999
5901	4	3.79	15	881	868	0.017	58.73	1.01	1.000	0.99998
5902	4	3.20	56	2,696	1,010	0.055	48.14	2.67	1.018	0.99994
5903	1	0.22	1	13	228	0.004	13.00	0.06	1.000	0.99999
5904	4	3.60	2,280	158,436	1,148	1.986	69.49	138.01	2.002	0.99691
5905	2	3.45	53	5,867	1,848	0.029	110.70	3.17	1.000	0.99993
6021	1	1.58	19	1,820	1,222	0.016	95.79	1.49	1.000	0.99997
6022	1	1.10	16	1,065	488	0.033	66.56	2.18	1.000	0.99995
6141	1	1.67	13	1,304	631	0.021	100.31	2.07	1.000	0.99995

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
6142	2	3.25	7	513	303	0.023	73.29	1.69	1.167	0.99996
6144	1	1.95	1	117	316	0.003	117.00	0.37	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	500	649.39	25,530	1,919,242	162,072	0.158	75.18	11.84	1.165	0.99973

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
8/1/2014 to 8/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1052	1	1.52	15	1,365	290	0.052	91.00	4.71	1.000	0.99989
1082	1	1.58	1	95	1,306	0.001	95.00	0.07	1.000	0.99999
1091	1	0.93	1	56	708	0.001	56.00	0.08	1.000	0.99999
1092	5	5.29	82	4,602	951	0.086	56.12	4.84	1.025	0.99989
1094	2	3.92	2	235	1,227	0.002	117.50	0.19	1.000	0.99999
1101	1	0.52	1	31	972	0.001	31.00	0.03	1.000	0.99999
1142	1	0.67	1	40	215	0.005	40.00	0.19	1.000	0.99999
1211	2	1.30	126	6,604	1,475	0.085	52.41	4.48	1.000	0.99990
1213	1	1.25	8	601	543	0.015	75.13	1.11	1.000	0.99997
1230	1	0.53	26	839	1,180	0.022	32.27	0.71	1.000	0.99998
1232	1	0.52	43	1,333	1,177	0.037	31.00	1.13	1.000	0.99997
1233	1	10.03	1	602	639	0.002	602.00	0.94	1.000	0.99998
1241	4	8.51	75	10,345	840	0.089	137.93	12.32	1.042	0.99971
1242	1	0.57	675	23,523	675	1.000	34.85	34.85	1.000	0.99919
1261	1	0.50	1	30	384	0.003	30.00	0.08	1.000	0.99999
1263	1	0.52	27	846	1,142	0.024	31.33	0.74	1.000	0.99998
1271	2	1.82	2	109	943	0.002	54.50	0.12	2.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1282	4	3.66	191	10,140	936	0.204	53.09	10.83	1.005	0.99975
1285	2	1.43	186	11,885	1,085	0.171	63.90	10.95	1.039	0.99975
1451	1	0.82	15	743	512	0.029	49.53	1.45	1.000	0.99997
1453	2	2.40	12	870	1,796	0.007	72.50	0.48	2.000	0.99999
1454	1	1.83	74	8,137	928	0.080	109.96	8.77	1.000	0.99980
1522	1	1.15	1	69	101	0.010	69.00	0.68	1.000	0.99998
1523	1	0.67	12	483	714	0.017	40.25	0.68	1.000	0.99998
1841	2	0.70	2	42	627	0.003	21.00	0.07	1.000	0.99999
1843	19	42.07	244	37,441	1,080	0.226	153.45	34.67	1.034	0.99920
2051	1	0.98	1	59	162	0.006	59.00	0.36	1.000	0.99999
2091	4	10.61	51	4,179	872	0.058	81.94	4.79	1.000	0.99989
2092	5	6.33	63	4,973	906	0.070	78.94	5.49	1.000	0.99987
2211	1	1.08	17	1,112	722	0.024	65.41	1.54	1.000	0.99996
2212	1	0.35	1	21	1,276	0.001	21.00	0.02	1.000	0.99999
2511	1	1.75	1	105	618	0.002	105.00	0.17	1.000	0.99999
2621	4	8.80	315	51,551	1,154	0.273	163.65	44.67	1.000	0.99897
2921	2	3.18	2	191	411	0.005	95.50	0.46	1.000	0.99999
2951	3	3.63	16	944	1,380	0.012	59.00	0.68	1.000	0.99998
2961	2	10.65	79	26,184	645	0.122	331.44	40.60	1.000	0.99906
3082	1	1.28	8	619	321	0.025	77.38	1.93	1.000	0.99996
3121	1	2.12	4	508	1,120	0.004	127.00	0.45	1.000	0.99999
3181	2	3.82	2	229	719	0.003	114.50	0.32	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3221	5	5.22	153	10,217	1,232	0.124	66.78	8.29	2.833	0.99981
3222	2	3.15	2	189	765	0.003	94.50	0.25	1.000	0.99999
3231	1	0.95	1	57	412	0.002	57.00	0.14	1.000	0.99999
3302	1	0.62	617	23,289	879	0.702	37.75	26.49	1.000	0.99939
3311	8	9.65	486	40,644	535	0.908	83.63	75.97	1.017	0.99824
3313	2	2.40	514	37,290	1,252	0.411	72.55	29.78	1.512	0.99931
3315	2	1.87	32	1,026	1,568	0.020	32.06	0.65	1.000	0.99998
3421	3	4.63	42	3,916	288	0.146	93.24	13.60	1.000	0.99969
3422	4	6.58	28	2,357	967	0.029	84.18	2.44	2.800	0.99994
3471	10	13.62	29	2,738	1,359	0.021	94.41	2.01	1.036	0.99995
3472	1	1.23	4	298	1,563	0.003	74.50	0.19	1.000	0.99999
3551	1	1.83	65	7,205	1,034	0.063	110.85	6.97	1.000	0.99984
3552	1	1.18	1	71	570	0.002	71.00	0.12	1.000	0.99999
3553	3	3.90	6	425	1,028	0.006	70.83	0.41	1.000	0.99999
3591	1	0.90	1	54	1,139	0.001	54.00	0.05	1.000	0.99999
3592	3	2.95	23	1,341	1,724	0.013	58.30	0.78	1.917	0.99998
3661	4	11.49	357	91,386	1,018	0.351	255.98	89.77	1.053	0.99792
3662	1	1.53	1	92	760	0.001	92.00	0.12	1.000	0.99999
3663	1	1.02	1	61	782	0.001	61.00	0.08	1.000	0.99999
3691	1	0.92	11	611	1,144	0.010	55.55	0.53	1.000	0.99999
3692	1	1.92	1	115	407	0.002	115.00	0.28	1.000	0.99999
3694	3	4.45	17	1,459	1,254	0.014	85.82	1.16	1.000	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3701	1	1.28	1	77	479	0.002	77.00	0.16	1.000	0.99999
3751	3	5.40	21	4,282	872	0.024	203.90	4.91	1.000	0.99989
3871	1	0.48	29	852	1,386	0.021	29.38	0.61	1.000	0.99999
3872	1	0.28	15	259	1,068	0.014	17.27	0.24	1.000	0.99999
3893	7	9.67	21	2,183	1,095	0.019	103.95	1.99	1.167	0.99995
3894	1	1.38	1	83	118	0.008	83.00	0.70	1.000	0.99998
3901	2	2.84	46	2,216	877	0.052	48.17	2.53	1.000	0.99994
3902	3	3.86	29	3,031	98	0.296	104.52	30.93	1.000	0.99928
3951	4	3.51	38	2,435	908	0.042	64.08	2.68	1.027	0.99994
3952	3	4.15	3	249	1,249	0.002	83.00	0.20	1.000	0.99999
3953	3	4.47	117	11,826	517	0.226	101.08	22.87	1.045	0.99947
3971	2	4.62	656	113,070	658	0.997	172.36	171.84	1.002	0.99602
3991	3	3.55	69	5,385	724	0.095	78.04	7.44	1.015	0.99983
4091	6	6.43	220	16,640	1,141	0.193	75.64	14.58	1.014	0.99966
4092	2	2.13	2	128	420	0.005	64.00	0.30	1.000	0.99999
4101	1	1.55	17	1,587	579	0.029	93.35	2.74	1.000	0.99994
4102	2	6.99	144	30,238	905	0.159	209.99	33.41	1.014	0.99923
4137	2	1.25	793	7,656	792	1.001	9.65	9.67	1.001	0.99978
4141	2	2.95	4	313	81	0.049	78.25	3.86	1.333	0.99991
4151	3	2.98	25	3,005	1,239	0.020	120.20	2.43	1.087	0.99994
4153	2	4.07	35	5,937	1,299	0.027	169.63	4.57	1.000	0.99989
4172	7	7.60	130	7,543	1,692	0.077	58.02	4.46	1.016	0.99990

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4211	6	6.75	28	1,815	958	0.029	64.82	1.89	1.000	0.99996
4212	4	4.58	88	5,427	804	0.109	61.67	6.75	1.000	0.99984
4222	2	1.77	1,023	86,312	1,027	0.996	84.37	84.04	1.001	0.99805
4223	1	0.72	73	3,182	739	0.099	43.59	4.31	1.000	0.99990
4302	1	3.75	7	1,576	647	0.011	225.14	2.44	1.000	0.99994
4303	4	5.41	151	8,071	928	0.163	53.45	8.70	1.007	0.99980
4313	1	2.82	1	169	316	0.003	169.00	0.53	1.000	0.99999
4324	4	4.41	1,263	43,818	1,241	1.018	34.69	35.31	1.029	0.99918
4341	1	0.87	11	576	1,761	0.006	52.36	0.33	1.000	0.99999
4342	1	3.00	1	180	1,734	0.001	180.00	0.10	1.000	0.99999
4361	2	1.27	63	2,223	1,647	0.038	35.29	1.35	1.000	0.99997
4371	1	0.60	55	2,010	1,534	0.036	36.55	1.31	1.000	0.99997
4385	1	0.75	1	45	1,112	0.001	45.00	0.04	1.000	0.99999
4386	1	4.08	39	9,488	1,650	0.024	243.28	5.75	1.000	0.99987
4431	3	5.52	3	331	1,354	0.002	110.33	0.24	1.000	0.99999
4601	2	1.63	7	501	408	0.017	71.57	1.23	1.000	0.99997
4602	1	1.23	53	3,898	941	0.056	73.55	4.14	1.000	0.99990
4714	1	0.37	15	339	616	0.024	22.60	0.55	1.000	0.99999
5601	5	6.74	110	7,769	1,141	0.096	70.63	6.81	1.009	0.99984
5602	1	1.05	1	63	679	0.001	63.00	0.09	1.000	0.99999
5603	4	3.84	106	6,303	1,281	0.083	59.46	4.92	1.000	0.99989
5902	1	0.45	8	218	1,010	0.008	27.25	0.22	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
5904	2	3.11	40	1,098	1,148	0.035	27.45	0.96	1.000	0.99998
5905	1	0.48	1	29	1,848	0.001	29.00	0.02	1.000	0.99999
6141	3	2.99	27	1,623	631	0.043	60.11	2.57	1.500	0.99994
6142	1	2.25	1	135	303	0.003	135.00	0.45	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	263	383.18	10,368	842,776	162,072	0.064	81.29	5.20	1.043	0.99988

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
 9/1/2014 to 9/30/2014
 EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	0.38	1	23	1,566	0.001	23.00	0.01	1.000	0.99999
1082	7	19.68	61	6,081	1,306	0.047	99.69	4.66	1.052	0.99989
1091	4	6.78	94	8,583	708	0.133	91.31	12.12	1.000	0.99972
1092	3	5.33	39	7,018	951	0.041	179.95	7.38	1.054	0.99983
1094	7	32.65	125	21,254	1,227	0.102	170.03	17.32	1.078	0.99960
1101	2	8.05	161	36,926	972	0.166	229.35	37.99	1.000	0.99912
1102	4	3.71	4	222	716	0.006	55.50	0.31	1.000	0.99999
1141	1	0.97	69	3,984	900	0.077	57.74	4.43	1.000	0.99990
1142	1	1.28	1	77	215	0.005	77.00	0.36	1.000	0.99999
1211	6	6.42	131	8,500	1,475	0.089	64.89	5.76	1.031	0.99987
1212	1	1.42	1	85	327	0.003	85.00	0.26	1.000	0.99999
1213	4	5.27	20	1,770	543	0.037	88.50	3.26	1.000	0.99992
1230	1	1.35	42	3,412	1,180	0.036	81.24	2.89	1.000	0.99993
1232	2	0.70	2	42	1,177	0.002	21.00	0.04	1.000	0.99999
1233	1	1.03	52	3,224	639	0.081	62.00	5.05	1.000	0.99988
1241	4	10.23	118	26,263	840	0.140	222.57	31.27	1.553	0.99928
1242	1	0.58	1	35	675	0.001	35.00	0.05	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1243	3	3.26	9	608	1,189	0.008	67.56	0.51	1.000	0.99999
1261	12	32.49	427	18,721	384	1.112	43.84	48.75	1.115	0.99887
1262	2	12.30	19	7,047	141	0.135	370.89	49.98	1.056	0.99884
1263	2	3.40	2,274	233,122	1,142	1.991	102.52	204.13	2.000	0.99527
1265	3	6.01	2,569	417,993	1,281	2.005	162.71	326.30	2.007	0.99245
1267	3	15.17	3	910	79	0.038	303.33	11.52	1.000	0.99973
1271	5	14.94	25	8,719	943	0.027	348.76	9.25	1.000	0.99979
1273	2	16.31	14	9,718	863	0.016	694.14	11.26	1.000	0.99974
1282	1	1.45	27	2,364	936	0.029	87.56	2.53	1.000	0.99994
1285	1	0.90	179	9,827	1,085	0.165	54.90	9.06	1.000	0.99979
1452	1	1.15	1	69	452	0.002	69.00	0.15	1.000	0.99999
1453	3	8.53	41	3,862	1,796	0.023	94.20	2.15	1.000	0.99995
1454	2	10.38	201	113,943	928	0.217	566.88	122.78	1.005	0.99716
1521	1	2.62	1	157	354	0.003	157.00	0.44	1.000	0.99999
1522	2	6.57	2	394	101	0.020	197.00	3.90	1.000	0.99991
1523	1	4.32	1	259	714	0.001	259.00	0.36	1.000	0.99999
1841	1	0.97	1	58	627	0.002	58.00	0.09	1.000	0.99999
1842	2	1.80	47	2,020	280	0.168	42.98	7.21	1.022	0.99983
1843	1	4.93	23	6,809	1,080	0.021	296.04	6.30	1.000	0.99985
2051	9	6.04	16	662	162	0.099	41.38	4.09	1.000	0.99991
2052	2	2.43	2	146	85	0.024	73.00	1.72	1.000	0.99996
2091	5	12.24	5	735	872	0.006	147.00	0.84	1.000	0.99998

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
2092	2	4.28	7	800	906	0.008	114.29	0.88	1.000	0.99998
2171	1	0.45	1	27	559	0.002	27.00	0.05	1.000	0.99999
2172	7	6.98	7	419	222	0.032	59.86	1.89	1.000	0.99996
2211	3	4.78	55	5,247	722	0.076	95.40	7.27	1.000	0.99983
2212	2	2.32	40	2,198	1,276	0.031	54.95	1.72	1.026	0.99996
2621	6	10.16	168	24,072	1,154	0.146	143.29	20.86	1.043	0.99952
2921	20	132.78	1,061	475,509	411	2.582	448.17	1156.96	2.588	0.97322
2951	3	2.61	10	511	1,380	0.007	51.10	0.37	1.111	0.99999
2961	3	3.85	49	4,135	645	0.076	84.39	6.41	1.000	0.99985
3081	1	1.73	1	104	568	0.002	104.00	0.18	1.000	0.99999
3121	1	1.10	7	468	1,120	0.006	66.86	0.42	1.000	0.99999
3122	1	1.02	1	61	844	0.001	61.00	0.07	1.000	0.99999
3123	1	2.45	1	147	1,035	0.001	147.00	0.14	1.000	0.99999
3181	1	1.07	1	64	719	0.001	64.00	0.09	1.000	0.99999
3221	1	2.70	1	162	1,232	0.001	162.00	0.13	1.000	0.99999
3222	3	3.53	3	212	765	0.004	70.67	0.28	1.000	0.99999
3231	1	0.33	2	40	412	0.005	20.00	0.10	1.000	0.99999
3302	1	2.50	1	150	879	0.001	150.00	0.17	1.000	0.99999
3303	1	0.70	11	472	978	0.011	42.91	0.48	1.000	0.99999
3315	5	7.08	58	4,803	1,568	0.037	82.81	3.06	1.018	0.99993
3422	5	4.12	29	2,325	967	0.030	80.17	2.40	1.036	0.99994
3471	6	28.83	123	10,576	764	0.161	85.98	13.84	1.070	0.99968

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3472	7	4.28	24	956	1,563	0.015	39.83	0.61	1.043	0.99999
3551	1	0.60	578	20,952	1,034	0.559	36.25	20.26	1.000	0.99953
3553	2	3.74	60	6,010	1,028	0.058	100.17	5.85	1.132	0.99986
3591	4	4.14	30	1,210	1,139	0.026	40.33	1.06	1.000	0.99998
3592	6	8.16	1,828	121,246	1,724	1.060	66.33	70.33	1.058	0.99837
3594	2	3.24	2	194	656	0.003	97.00	0.30	1.000	0.99999
3621	5	7.21	36	4,372	1,553	0.023	121.44	2.82	1.029	0.99993
3661	4	4.96	62	5,116	1,018	0.061	82.52	5.03	1.000	0.99988
3663	1	1.58	1	95	782	0.001	95.00	0.12	1.000	0.99999
3664	6	9.92	94	8,327	517	0.182	88.59	16.11	1.000	0.99963
3671	1	0.65	6	236	494	0.012	39.33	0.48	1.000	0.99999
3675	2	2.12	87	4,680	413	0.211	53.79	11.33	1.000	0.99974
3691	1	2.33	1	140	1,144	0.001	140.00	0.12	1.000	0.99999
3692	2	5.22	408	48,794	407	1.002	119.59	119.89	1.468	0.99722
3693	1	1.55	1	93	183	0.005	93.00	0.51	1.000	0.99999
3694	1	3.93	10	2,361	1,254	0.008	236.10	1.88	1.000	0.99996
3701	1	1.13	12	824	479	0.025	68.67	1.72	1.000	0.99996
3702	4	6.50	48	5,286	605	0.079	110.13	8.74	1.021	0.99980
3751	3	7.67	50	14,719	872	0.057	294.38	16.88	1.000	0.99961
3872	1	2.62	56	8,809	1,068	0.052	157.30	8.25	1.000	0.99981
3891	10	96.72	471	376,941	440	1.070	800.30	856.68	1.073	0.98017
3892	3	13.62	8	2,608	473	0.017	326.00	5.51	1.000	0.99987

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3893	13	71.15	69	59,137	1,095	0.063	857.06	54.01	1.078	0.99875
3894	3	38.18	19	11,818	118	0.161	622.00	100.15	1.118	0.99768
3901	1	1.17	45	3,176	877	0.051	70.58	3.62	1.000	0.99992
3912	1	14.73	156	138,049	956	0.163	884.93	144.40	1.000	0.99666
3913	7	36.55	67	34,182	806	0.083	510.18	42.41	1.081	0.99902
3914	1	0.43	1	26	33	0.030	26.00	0.79	1.000	0.99998
3951	5	15.82	196	43,039	908	0.216	219.59	47.40	1.016	0.99890
3952	6	14.36	286	35,615	1,249	0.229	124.53	28.51	1.036	0.99934
3953	1	0.17	57	578	517	0.110	10.14	1.12	1.000	0.99997
3971	1	0.82	3	147	658	0.005	49.00	0.22	1.000	0.99999
3981	6	8.64	67	7,627	1,497	0.045	113.84	5.09	1.031	0.99988
3982	4	4.05	313	16,529	1,760	0.178	52.81	9.39	1.000	0.99978
3991	3	1.97	31	1,118	724	0.043	36.06	1.54	1.069	0.99996
4031	3	3.32	271	15,103	697	0.389	55.73	21.67	1.007	0.99950
4091	1	1.13	1	68	1,141	0.001	68.00	0.06	1.000	0.99999
4101	3	5.58	55	12,526	579	0.095	227.75	21.63	1.000	0.99950
4102	3	2.52	3	151	905	0.003	50.33	0.17	1.000	0.99999
4131	2	1.89	240	12,602	197	1.218	52.51	63.97	1.224	0.99852
4132	13	13.32	22	1,412	568	0.039	64.18	2.49	1.000	0.99994
4142	1	1.43	1	86	589	0.002	86.00	0.15	1.000	0.99999
4151	1	1.03	1	62	1,239	0.001	62.00	0.05	1.000	0.99999
4152	3	1.35	89	2,827	790	0.113	31.76	3.58	1.203	0.99992

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4153	3	5.60	28	3,399	1,299	0.022	121.39	2.62	1.000	0.99994
4154	2	3.51	91	8,125	1,152	0.079	89.29	7.05	1.000	0.99984
4155	1	1.20	1	72	2,071	0.000	72.00	0.03	1.000	0.99999
4172	5	6.77	47	3,495	1,692	0.028	74.36	2.07	1.022	0.99995
4181	3	3.97	569	54,077	485	1.173	95.04	111.50	1.161	0.99742
4182	2	1.00	6	220	1,011	0.006	36.67	0.22	1.000	0.99999
4211	7	11.03	174	13,122	958	0.182	75.41	13.70	1.018	0.99968
4212	6	13.82	36	8,132	804	0.045	225.89	10.11	1.000	0.99977
4223	1	7.23	73	31,700	739	0.099	434.25	42.90	1.000	0.99901
4224	3	65.88	52	56,045	759	0.069	1077.79	73.84	1.020	0.99829
4302	6	36.50	234	200,413	647	0.362	856.47	309.76	1.013	0.99283
4311	1	1.53	1	92	1,050	0.001	92.00	0.09	1.000	0.99999
4324	7	27.90	96	11,210	1,241	0.077	116.77	9.03	1.032	0.99979
4341	7	9.63	43	2,794	1,761	0.024	64.98	1.59	1.075	0.99996
4342	3	3.65	48	3,900	1,734	0.028	81.25	2.25	1.021	0.99995
4343	3	3.38	185	9,439	1,022	0.181	51.02	9.24	1.022	0.99979
4361	3	3.61	3	216	1,647	0.002	72.00	0.13	1.500	0.99999
4362	3	3.04	79	5,271	823	0.096	66.72	6.40	1.026	0.99985
4363	4	3.22	110	10,120	1,073	0.103	92.00	9.43	1.028	0.99978
4372	4	11.69	18	2,263	430	0.042	125.72	5.26	1.200	0.99988
4373	6	10.04	30	1,901	754	0.040	63.37	2.52	1.034	0.99994
4385	1	3.30	79	15,674	1,112	0.071	198.41	14.10	1.000	0.99967

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4431	5	4.96	17	1,125	1,354	0.013	66.18	0.83	1.133	0.99998
4432	4	8.20	11	1,196	454	0.024	108.73	2.63	1.222	0.99994
4511	1	0.47	8	228	1,125	0.007	28.50	0.20	1.000	0.99999
4512	1	2.75	1	165	947	0.001	165.00	0.17	1.000	0.99999
4601	1	0.23	1	14	408	0.002	14.00	0.03	1.000	0.99999
4602	1	1.45	9	790	941	0.010	87.78	0.84	1.000	0.99998
4714	3	16.58	93	41,545	616	0.151	446.72	67.44	1.022	0.99844
5601	5	3.52	161	7,220	1,141	0.141	44.84	6.33	1.019	0.99985
5603	6	14.75	1,305	250,433	1,281	1.019	191.90	195.50	1.020	0.99547
5902	20	121.04	1,560	337,814	1,010	1.545	216.55	334.47	2.039	0.99226
5904	5	21.89	415	141,719	1,148	0.361	341.49	123.45	1.005	0.99714
5905	3	6.10	73	8,154	1,848	0.040	111.70	4.41	1.014	0.99990
6021	4	3.13	143	6,354	1,222	0.117	44.43	5.20	1.007	0.99988
6023	1	1.15	6	414	122	0.049	69.00	3.39	1.000	0.99992
6141	3	2.70	11	1,076	631	0.017	97.82	1.71	1.000	0.99996
6144	1	1.60	30	2,891	316	0.095	96.37	9.15	1.000	0.99979
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	484	1,378.93	20,159	3,770,809	162,071	0.124	187.05	23.27	1.288	0.99946

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
10/1/2014 to 10/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1051	2	1.57	25	999	1,068	0.023	39.96	0.94	1.042	0.99998
1082	9	21.54	96	16,780	1,306	0.074	174.79	12.85	1.032	0.99971
1091	1	1.82	46	5,038	708	0.065	109.52	7.12	1.000	0.99984
1092	2	2.38	108	13,531	951	0.114	125.29	14.23	1.009	0.99968
1094	14	16.90	1,253	45,261	1,227	1.021	36.12	36.89	1.026	0.99917
1101	2	1.70	2	102	972	0.002	51.00	0.10	1.000	0.99999
1102	2	8.48	74	8,514	716	0.103	115.05	11.89	1.014	0.99973
1141	1	6.55	17	6,681	900	0.019	393.00	7.42	1.000	0.99983
1142	1	1.13	1	68	215	0.005	68.00	0.32	1.000	0.99999
1211	8	6.80	117	7,153	1,475	0.079	61.14	4.85	1.000	0.99989
1212	1	0.37	1	22	327	0.003	22.00	0.07	1.000	0.99999
1213	2	2.42	3	228	543	0.006	76.00	0.42	1.000	0.99999
1232	1	0.92	1	55	1,177	0.001	55.00	0.05	1.000	0.99999
1243	6	6.53	82	3,020	1,189	0.069	36.83	2.54	1.025	0.99994
1263	1	0.78	36	1,701	1,142	0.032	47.25	1.49	1.000	0.99997
1271	4	5.85	28	2,167	943	0.030	77.39	2.30	1.037	0.99995
1282	1	0.68	1	41	936	0.001	41.00	0.04	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1284	1	0.17	1	10	867	0.001	10.00	0.01	1.000	0.99999
1285	1	0.57	1	34	1,085	0.001	34.00	0.03	1.000	0.99999
1453	1	1.20	1	72	1,796	0.001	72.00	0.04	1.000	0.99999
1454	3	3.13	202	19,935	928	0.218	98.69	21.48	1.010	0.99952
1521	1	0.97	1	58	354	0.003	58.00	0.16	1.000	0.99999
1523	3	2.83	722	37,976	714	1.011	52.60	53.19	1.814	0.99881
1842	1	0.70	46	1,950	280	0.164	42.39	6.96	1.000	0.99984
1843	4	3.34	71	2,289	1,080	0.066	32.24	2.12	1.092	0.99995
2091	1	3.48	1	209	872	0.001	209.00	0.24	1.000	0.99999
2092	3	4.01	59	4,942	906	0.065	83.76	5.45	1.073	0.99988
2171	1	0.60	1	36	559	0.002	36.00	0.06	1.000	0.99999
2172	1	0.28	1	17	222	0.005	17.00	0.08	1.000	0.99999
2212	2	2.59	9	715	1,276	0.007	79.44	0.56	1.000	0.99999
2491	1	1.57	44	4,165	62	0.710	94.66	67.18	1.000	0.99850
2621	6	6.61	24	1,425	1,154	0.021	59.38	1.23	1.043	0.99997
2921	4	8.60	25	1,856	411	0.061	74.24	4.52	1.042	0.99990
2951	5	4.76	5	286	1,380	0.004	57.20	0.21	1.000	0.99999
2952	1	1.35	1	81	151	0.007	81.00	0.54	1.000	0.99999
2961	5	12.13	29	10,985	645	0.045	378.79	17.03	1.036	0.99962
3081	1	0.73	31	1,385	568	0.055	44.68	2.44	1.000	0.99995
3121	5	8.06	66	4,664	1,120	0.059	70.67	4.16	1.000	0.99991
3122	5	15.78	27	7,368	844	0.032	272.89	8.73	1.000	0.99980

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3123	1	0.73	17	764	1,035	0.016	44.94	0.74	1.000	0.99998
3181	1	0.78	1	47	719	0.001	47.00	0.07	1.000	0.99999
3221	4	3.75	9	585	1,232	0.007	65.00	0.47	1.000	0.99999
3222	1	1.15	15	1,035	765	0.020	69.00	1.35	1.000	0.99997
3231	1	1.22	1	73	412	0.002	73.00	0.18	1.000	0.99999
3302	2	1.68	30	1,528	879	0.034	50.93	1.74	1.154	0.99996
3303	1	1.18	7	497	978	0.007	71.00	0.51	1.000	0.99999
3305	1	1.93	1	116	18	0.056	116.00	6.44	1.000	0.99986
3314	1	3.57	1	214	222	0.005	214.00	0.96	1.000	0.99998
3315	1	1.43	2	173	1,568	0.001	86.50	0.11	1.000	0.99999
3422	5	5.35	48	2,798	967	0.050	58.29	2.89	1.021	0.99994
3423	2	0.37	2	22	384	0.005	11.00	0.06	1.000	0.99999
3471	10	8.72	15	1,079	169	0.089	71.93	6.38	1.071	0.99986
3472	5	4.54	62	5,742	1,563	0.040	92.61	3.67	1.033	0.99992
3551	6	11.77	1,284	165,662	1,034	1.242	129.02	160.21	1.242	0.99641
3552	1	3.07	5	922	570	0.009	184.40	1.62	1.000	0.99996
3553	2	2.20	34	2,229	1,028	0.033	65.56	2.17	1.000	0.99995
3591	1	7.10	12	5,115	1,139	0.011	426.25	4.49	1.000	0.99990
3592	4	3.75	96	6,240	1,724	0.056	65.00	3.62	1.011	0.99992
3593	2	3.52	43	2,466	933	0.046	57.35	2.64	1.024	0.99994
3594	2	2.03	7	452	656	0.011	64.57	0.69	1.167	0.99998
3621	2	2.83	2	170	1,553	0.001	85.00	0.11	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3661	3	5.80	1,031	49,518	1,018	1.013	48.03	48.64	1.013	0.99891
3662	1	0.75	749	34,066	760	0.986	45.48	44.82	1.000	0.99900
3663	8	10.36	855	41,072	782	1.093	48.04	52.52	1.098	0.99882
3664	3	4.87	555	24,136	517	1.074	43.49	46.68	1.080	0.99895
3671	1	2.43	6	876	494	0.012	146.00	1.77	1.000	0.99996
3691	1	1.45	1	87	1,144	0.001	87.00	0.08	1.000	0.99999
3692	1	0.48	1	29	407	0.002	29.00	0.07	1.000	0.99999
3701	2	2.11	12	877	479	0.025	73.08	1.83	1.000	0.99996
3702	1	0.72	1	43	605	0.002	43.00	0.07	1.000	0.99999
3751	5	7.25	76	21,188	872	0.087	278.79	24.30	1.041	0.99946
3871	1	3.05	1	183	1,386	0.001	183.00	0.13	1.000	0.99999
3872	1	0.90	1	54	1,068	0.001	54.00	0.05	1.000	0.99999
3878	3	2.06	52	2,181	782	0.066	41.94	2.79	1.000	0.99994
3891	1	2.07	10	1,247	440	0.023	124.70	2.83	1.000	0.99994
3893	3	3.30	25	1,278	1,095	0.023	51.12	1.17	1.042	0.99997
3901	1	0.32	16	312	877	0.018	19.50	0.36	1.000	0.99999
3912	2	9.77	5	1,797	956	0.005	359.40	1.88	1.000	0.99996
3913	2	3.59	14	1,813	806	0.017	129.50	2.25	1.000	0.99995
3951	5	11.47	537	97,819	908	0.591	182.16	107.73	1.029	0.99759
3952	2	1.45	94	4,128	1,249	0.075	43.91	3.31	1.000	0.99993
3953	4	11.28	578	88,770	517	1.118	153.58	171.70	1.118	0.99615
3981	6	6.31	48	2,827	1,497	0.032	58.90	1.89	1.021	0.99996

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3982	5	5.19	81	4,414	1,760	0.046	54.49	2.51	1.038	0.99994
3991	1	3.35	1	201	724	0.001	201.00	0.28	1.000	0.99999
403	1	2.38	1	143	266	0.004	143.00	0.54	1.000	0.99999
4031	2	7.97	270	62,300	697	0.387	230.74	89.38	1.004	0.99800
4091	2	0.91	80	1,920	1,141	0.070	24.00	1.68	1.013	0.99996
4092	5	9.35	14	1,511	420	0.033	107.93	3.60	1.000	0.99992
4101	1	0.82	59	2,937	579	0.102	49.78	5.07	1.000	0.99989
4137	1	1.30	23	1,813	792	0.029	78.83	2.29	1.000	0.99995
4138	2	2.96	53	2,611	746	0.071	49.26	3.50	1.000	0.99992
4141	1	2.18	1	131	81	0.012	131.00	1.62	1.000	0.99996
4142	1	1.63	1	98	589	0.002	98.00	0.17	1.000	0.99999
4151	1	0.37	99	2,232	1,239	0.080	22.55	1.80	1.000	0.99996
4152	1	0.45	21	573	790	0.027	27.29	0.73	1.000	0.99998
4153	2	1.82	54	1,994	1,299	0.042	36.93	1.54	1.019	0.99997
4154	1	0.82	1	49	1,152	0.001	49.00	0.04	1.000	0.99999
4155	3	5.08	252	35,962	2,071	0.122	142.71	17.36	1.068	0.99961
4171	2	2.38	730	36,407	672	1.086	49.87	54.18	1.093	0.99879
4172	10	10.05	1,733	81,667	1,692	1.024	47.12	48.27	1.022	0.99892
4173	4	4.43	718	37,280	621	1.156	51.92	60.03	1.156	0.99866
4181	1	2.25	7	950	485	0.014	135.71	1.96	1.000	0.99996
4182	2	1.95	30	1,897	1,011	0.030	63.23	1.88	1.000	0.99996
4211	5	8.50	10	810	958	0.010	81.00	0.85	1.111	0.99998

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4212	3	2.69	9	483	804	0.011	53.67	0.60	1.000	0.99999
4222	3	0.63	457	3,670	1,027	0.445	8.03	3.57	1.004	0.99992
4223	1	0.68	1	41	739	0.001	41.00	0.06	1.000	0.99999
4311	4	4.62	49	3,781	1,050	0.047	77.16	3.60	1.065	0.99992
432	2	2.63	92	13,076	91	1.011	142.13	143.69	1.011	0.99678
4324	2	1.56	27	1,289	1,241	0.022	47.74	1.04	1.080	0.99998
433	1	0.35	1	21	79	0.013	21.00	0.27	1.000	0.99999
4332	1	1.32	1	79	302	0.003	79.00	0.26	1.000	0.99999
434	1	1.43	1	86	20	0.050	86.00	4.30	1.000	0.99990
4341	5	5.84	78	3,754	1,761	0.044	48.13	2.13	1.040	0.99995
4342	2	2.07	65	3,953	1,734	0.037	60.82	2.28	1.000	0.99995
4343	1	1.77	1	106	1,022	0.001	106.00	0.10	1.000	0.99999
4361	5	4.59	41	2,797	1,647	0.025	68.22	1.70	1.000	0.99996
4362	1	2.70	1	162	823	0.001	162.00	0.20	1.000	0.99999
4363	2	8.75	31	12,540	1,073	0.029	404.52	11.69	1.000	0.99974
4371	8	4.39	1,570	32,868	1,534	1.023	20.94	21.43	1.024	0.99952
4372	3	10.59	3	635	430	0.007	211.67	1.48	1.000	0.99997
4373	4	9.32	42	7,983	754	0.056	190.07	10.59	1.077	0.99976
4431	4	4.05	40	2,989	1,354	0.030	74.73	2.21	1.000	0.99995
4432	2	3.21	65	7,614	454	0.143	117.14	16.77	1.000	0.99962
4714	1	0.30	1	18	616	0.002	18.00	0.03	1.000	0.99999
5601	5	2.67	97	3,269	1,141	0.085	33.70	2.87	1.021	0.99994

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
5603	2	3.43	6	630	1,281	0.005	105.00	0.49	1.200	0.99999
5902	1	1.55	8	746	1,010	0.008	93.25	0.74	1.000	0.99998
5904	3	2.57	194	15,861	1,148	0.169	81.76	13.82	1.021	0.99969
5905	3	3.57	93	1,482	1,848	0.050	15.94	0.80	1.000	0.99998
6021	4	5.58	156	10,459	1,222	0.128	67.04	8.56	1.026	0.99981
6024	1	0.55	98	3,246	390	0.251	33.12	8.32	1.000	0.99981
6141	2	2.25	8	506	631	0.013	63.25	0.80	1.000	0.99998
6143	1	0.65	1	39	371	0.003	39.00	0.11	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	359	506.79	17,097	1,196,132	162,072	0.105	69.96	7.38	1.071	0.99983

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
11/1/2014 to 11/30/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	3	3.15	127	5,096	1,566	0.081	40.13	3.25	1.008	0.99992
1051	1	1.35	17	1,390	1,067	0.016	81.76	1.30	1.000	0.99997
1082	2	2.62	2	157	1,306	0.002	78.50	0.12	1.000	0.99999
1091	1	4.83	1	290	708	0.001	290.00	0.41	1.000	0.99999
1092	4	5.72	47	2,614	951	0.049	55.62	2.75	1.044	0.99994
1094	2	1.13	4	140	1,228	0.003	35.00	0.11	1.333	0.99999
1102	2	0.94	98	3,050	581	0.169	31.12	5.25	1.032	0.99988
1141	1	1.18	1	71	900	0.001	71.00	0.08	1.000	0.99999
1142	3	2.26	27	1,258	215	0.126	46.59	5.85	1.000	0.99986
1212	1	2.00	1	120	327	0.003	120.00	0.37	1.000	0.99999
1213	1	0.65	3	118	543	0.006	39.33	0.22	1.000	0.99999
1230	5	6.62	622	42,682	1,180	0.527	68.62	36.17	1.208	0.99916
1232	3	2.35	45	2,003	1,177	0.038	44.51	1.70	1.023	0.99996
1241	3	3.98	3	239	841	0.004	79.67	0.28	1.000	0.99999
1243	3	4.09	90	3,991	1,189	0.076	44.34	3.36	1.011	0.99992
1265	3	1.45	208	5,633	1,280	0.163	27.08	4.40	1.000	0.99990
1271	1	0.75	1	45	944	0.001	45.00	0.05	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1282	2	2.22	17	1,062	936	0.018	62.47	1.13	1.000	0.99997
1283	1	2.65	31	4,938	365	0.085	159.29	13.53	1.000	0.99969
1451	1	0.47	1	28	512	0.002	28.00	0.05	1.000	0.99999
1452	2	1.68	21	1,140	450	0.047	54.29	2.53	1.000	0.99994
1453	3	2.40	18	1,013	1,791	0.010	56.28	0.57	1.000	0.99999
1523	1	1.35	7	571	714	0.010	81.57	0.80	1.000	0.99998
1841	2	2.20	2	132	628	0.003	66.00	0.21	1.000	0.99999
2092	1	1.33	1	80	906	0.001	80.00	0.09	1.000	0.99999
2171	1	0.97	1	58	559	0.002	58.00	0.10	1.000	0.99999
2211	2	2.58	2	155	722	0.003	77.50	0.21	2.000	0.99999
2212	2	2.32	2	139	1,276	0.002	69.50	0.11	2.000	0.99999
2621	3	3.64	37	2,935	1,155	0.032	79.32	2.54	1.028	0.99994
2921	2	4.31	2	259	390	0.005	129.50	0.66	1.000	0.99998
2951	3	2.23	3	134	1,380	0.002	44.67	0.10	1.000	0.99999
2961	1	1.37	1	82	645	0.002	82.00	0.13	1.000	0.99999
3121	6	6.19	361	28,735	1,120	0.322	79.60	25.66	1.492	0.99941
3122	1	1.25	39	2,962	844	0.046	75.95	3.51	1.000	0.99992
3123	8	3.90	1,105	8,205	1,035	1.068	7.43	7.93	1.069	0.99982
3181	2	2.00	2	120	719	0.003	60.00	0.17	1.000	0.99999
3222	2	2.05	2	123	766	0.003	61.50	0.16	1.000	0.99999
3231	3	3.55	415	21,673	412	1.007	52.22	52.60	1.010	0.99878
3232	1	0.83	425	21,349	425	1.000	50.23	50.23	1.000	0.99884

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CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3302	3	2.14	718	31,420	880	0.816	43.76	35.70	1.187	0.99917
3313	1	0.83	1	50	1,252	0.001	50.00	0.04	1.000	0.99999
3422	8	9.92	261	17,841	968	0.270	68.36	18.43	1.000	0.99957
3423	2	2.34	8	562	384	0.021	70.25	1.46	2.000	0.99997
3471	7	6.79	16	953	169	0.095	59.56	5.64	1.067	0.99987
3472	3	2.09	3	125	1,564	0.002	41.67	0.08	1.500	0.99999
3551	1	0.33	1,034	21,007	1,034	1.000	20.32	20.32	1.000	0.99953
3552	2	1.57	655	17,487	570	1.149	26.70	30.68	1.149	0.99929
3553	3	2.93	1,046	22,876	1,027	1.019	21.87	22.27	1.018	0.99948
3591	2	3.60	2	216	1,138	0.002	108.00	0.19	1.000	0.99999
3592	1	1.83	1	110	1,724	0.001	110.00	0.06	1.000	0.99999
3593	2	3.37	90	8,718	933	0.096	96.87	9.34	1.000	0.99978
3594	1	1.32	26	2,068	656	0.040	79.54	3.15	1.000	0.99993
3662	2	2.68	2	161	760	0.003	80.50	0.21	1.000	0.99999
3663	1	0.70	1	42	780	0.001	42.00	0.05	1.000	0.99999
3664	1	0.83	1	50	516	0.002	50.00	0.10	1.000	0.99999
3691	2	2.73	48	3,041	1,144	0.042	63.35	2.66	1.000	0.99994
3694	1	0.93	1,254	70,224	1,254	1.000	56.00	56.00	1.000	0.99870
3701	1	1.80	1	108	479	0.002	108.00	0.23	1.000	0.99999
3702	1	0.88	1	53	605	0.002	53.00	0.09	1.000	0.99999
3751	5	4.00	144	6,305	872	0.165	43.78	7.23	1.014	0.99983
3871	9	1.66	1,825	49,568	1,388	1.315	27.16	35.71	1.317	0.99917

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3872	7	0.98	7	58	1,068	0.007	8.29	0.05	1.000	0.99999
3873	3	0.98	279	5,214	792	0.352	18.69	6.58	1.000	0.99985
3878	2	1.66	780	4,665	782	0.997	5.98	5.97	1.001	0.99986
3891	3	2.92	17	1,088	440	0.039	64.00	2.47	1.133	0.99994
3893	4	3.48	72	7,458	1,096	0.066	103.58	6.80	1.029	0.99984
3901	1	1.33	1	80	877	0.001	80.00	0.09	1.000	0.99999
3913	1	1.23	1	74	806	0.001	74.00	0.09	1.000	0.99999
3951	5	9.12	189	32,533	908	0.208	172.13	35.83	1.022	0.99917
3952	2	1.30	60	1,697	1,250	0.048	28.28	1.36	1.017	0.99997
3981	6	6.67	36	1,946	1,498	0.024	54.06	1.30	1.059	0.99997
3982	6	3.73	143	7,475	1,758	0.081	52.27	4.25	1.021	0.99990
3991	3	2.92	3	175	723	0.004	58.33	0.24	1.000	0.99999
4031	3	3.82	7	739	698	0.010	105.57	1.06	1.000	0.99998
4091	1	1.23	39	2,920	1,141	0.034	74.87	2.56	1.000	0.99994
4101	1	0.58	17	601	579	0.029	35.35	1.04	1.000	0.99998
4102	5	6.45	37	4,746	905	0.041	128.27	5.24	1.088	0.99988
4132	7	7.98	10	732	566	0.018	73.20	1.29	1.000	0.99997
4142	3	5.58	38	3,938	588	0.065	103.63	6.70	1.027	0.99984
4152	1	1.08	21	1,384	790	0.027	65.90	1.75	1.000	0.99996
4153	1	0.78	53	2,539	1,299	0.041	47.91	1.95	1.000	0.99995
4155	2	3.68	36	3,285	2,072	0.017	91.25	1.59	1.000	0.99996
4171	2	1.20	2	72	672	0.003	36.00	0.11	1.000	0.99999

HIGHLY CONFIDENTIAL

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4172	8	8.22	196	13,471	1,694	0.116	68.73	7.95	1.010	0.99982
4173	1	0.78	14	662	621	0.023	47.29	1.07	1.000	0.99998
4211	2	2.43	2	146	959	0.002	73.00	0.15	1.000	0.99999
4212	6	5.77	165	15,078	805	0.205	91.38	18.73	1.012	0.99957
4222	2	1.74	4	203	1,024	0.004	50.75	0.20	1.000	0.99999
4223	1	0.87	6	316	739	0.008	52.67	0.43	1.000	0.99999
4302	1	0.22	1	13	647	0.002	13.00	0.02	1.000	0.99999
4311	1	0.80	1	48	1,050	0.001	48.00	0.05	1.000	0.99999
4321	1	1.75	1	105	4	0.250	105.00	26.25	1.000	0.99939
4322	1	1.93	93	10,879	94	0.989	116.98	115.73	1.000	0.99732
4324	1	1.65	1	99	1,242	0.001	99.00	0.08	1.000	0.99999
433	1	2.62	1	157	79	0.013	157.00	1.99	1.000	0.99995
4331	2	1.75	6	266	300	0.020	44.33	0.89	1.000	0.99998
4341	4	4.55	77	5,171	1,761	0.044	67.16	2.94	1.013	0.99993
4342	1	1.67	18	1,807	1,734	0.010	100.39	1.04	1.000	0.99998
4343	4	5.17	64	4,445	1,022	0.063	69.45	4.35	1.032	0.99990
4361	2	1.17	2	70	1,648	0.001	35.00	0.04	1.000	0.99999
4363	3	2.61	35	2,274	1,210	0.029	64.97	1.88	1.000	0.99996
4371	4	6.75	94	5,588	1,534	0.061	59.45	3.64	1.106	0.99992
4372	2	3.41	2	205	430	0.005	102.50	0.48	1.000	0.99999
4373	2	1.72	23	1,243	754	0.031	54.04	1.65	1.000	0.99996
4431	7	9.91	65	4,599	1,353	0.048	70.75	3.40	1.066	0.99992

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4432	1	0.63	25	961	455	0.055	38.44	2.11	1.000	0.99995
4601	1	0.90	28	1,517	408	0.069	54.18	3.72	1.000	0.99991
4602	1	1.33	69	5,553	941	0.073	80.48	5.90	1.000	0.99986
5601	6	5.60	538	39,201	1,147	0.469	72.86	34.18	1.037	0.99921
5603	5	4.29	209	11,429	1,284	0.163	54.68	8.90	1.035	0.99979
5641	1	0.65	16	625	320	0.050	39.06	1.95	1.000	0.99995
5902	1	1.13	1	68	1,009	0.001	68.00	0.07	1.000	0.99999
5905	2	2.10	102	6,538	1,848	0.055	64.10	3.54	1.000	0.99992
6021	1	0.42	68	1,758	1,222	0.056	25.85	1.44	1.000	0.99997
6142	1	1.12	1	67	304	0.003	67.00	0.22	1.000	0.99999
6143	1	0.82	1	49	371	0.003	49.00	0.13	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	295	307.01	14,707	635,805	162,129	0.091	43.23	3.92	1.074	0.99991

THE EMPIRE DISTRICT ELECTRIC COMPANY
CUSTOMER OUTAGE STATISTICS AND INDICES FOR MISSOURI
12/1/2014 to 12/31/2014
EXCLUDING MAJOR EVENT DAYS

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1050	1	1.48	1	89	1,566	0.001	89.00	0.06	1.000	0.99999
1051	2	3.64	182	24,887	1,066	0.171	136.74	23.35	1.000	0.99948
1082	4	4.32	14	743	1,306	0.011	53.07	0.57	1.077	0.99999
1092	5	5.71	42	5,873	951	0.044	139.83	6.18	1.077	0.99986
1102	1	0.33	51	1,033	446	0.114	20.25	2.32	1.000	0.99995
1141	1	2.28	1	137	900	0.001	137.00	0.15	1.000	0.99999
1142	1	0.52	8	250	215	0.037	31.25	1.16	1.000	0.99997
1211	2	2.66	2	160	1,475	0.001	80.00	0.11	2.000	0.99999
1212	1	1.50	131	11,773	327	0.401	89.87	36.00	1.000	0.99919
1213	1	1.08	26	1,712	543	0.048	65.85	3.15	1.000	0.99993
1232	4	4.26	101	5,970	1,177	0.086	59.11	5.07	1.031	0.99989
1242	1	1.77	13	1,389	675	0.019	106.85	2.06	1.000	0.99995
1243	3	2.69	152	7,234	1,189	0.128	47.59	6.08	1.000	0.99986
1265	1	0.38	1,281	30,082	1,279	1.002	23.48	23.52	1.000	0.99947
1271	2	4.07	2	244	945	0.002	122.00	0.26	1.000	0.99999
1273	1	0.73	9	397	863	0.010	44.11	0.46	1.000	0.99999
1282	1	0.97	33	1,908	936	0.035	57.82	2.04	1.000	0.99995

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
1283	1	0.88	1	53	365	0.003	53.00	0.15	1.000	0.99999
1284	2	2.23	5	296	867	0.006	59.20	0.34	1.000	0.99999
1452	1	0.83	8	403	448	0.018	50.38	0.90	1.000	0.99998
1453	2	1.23	30	993	1,786	0.017	33.10	0.56	1.500	0.99999
1521	3	3.71	49	2,971	355	0.138	60.63	8.37	1.043	0.99981
2052	1	1.55	1	93	85	0.012	93.00	1.09	1.000	0.99998
2171	1	0.92	18	992	559	0.032	55.11	1.77	1.000	0.99996
2211	3	4.75	22	1,147	722	0.030	52.14	1.59	1.100	0.99996
2492	1	3.08	29	5,379	29	1.000	185.48	185.48	1.000	0.99584
2921	1	1.27	1	76	369	0.003	76.00	0.21	1.000	0.99999
2951	3	2.81	33	2,885	1,381	0.024	87.42	2.09	1.031	0.99995
3121	4	3.80	247	17,085	1,120	0.221	69.17	15.25	1.193	0.99966
3122	1	1.48	1	89	845	0.001	89.00	0.11	1.000	0.99999
3123	2	1.22	26	394	1,035	0.025	15.15	0.38	1.040	0.99999
3181	1	0.45	719	19,496	719	1.000	27.12	27.12	1.000	0.99939
3222	4	6.83	54	6,249	768	0.070	115.72	8.14	1.038	0.99982
3303	2	1.12	2	67	978	0.002	33.50	0.07	1.000	0.99999
3305	1	1.07	1	64	18	0.056	64.00	3.56	1.000	0.99992
3311	1	0.83	25	1,233	535	0.047	49.32	2.30	1.000	0.99995
3315	3	2.82	7	485	1,568	0.004	69.29	0.31	1.167	0.99999
3422	1	0.57	1	34	968	0.001	34.00	0.04	1.000	0.99999
3423	1	1.02	27	1,649	384	0.070	61.07	4.29	1.000	0.99990

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3471	1	2.03	6	737	169	0.036	122.83	4.36	1.000	0.99990
3472	1	0.70	110	4,675	1,565	0.070	42.50	2.99	1.000	0.99993
3552	1	1.25	27	2,047	570	0.047	75.81	3.59	1.000	0.99992
3553	1	0.73	102	4,474	1,026	0.099	43.86	4.36	1.000	0.99990
3591	3	1.88	68	2,649	1,138	0.060	38.96	2.33	1.015	0.99995
3592	1	1.68	1,682	170,442	1,724	0.976	101.33	98.86	1.000	0.99779
3593	2	2.04	50	3,080	933	0.054	61.60	3.30	1.000	0.99993
3594	2	3.83	2	230	656	0.003	115.00	0.35	1.000	0.99999
3621	3	2.40	59	2,810	1,553	0.038	47.63	1.81	1.017	0.99996
3661	2	1.23	120	4,567	1,018	0.118	38.06	4.49	1.000	0.99990
3662	1	0.68	17	704	761	0.022	41.41	0.93	1.000	0.99998
3663	3	2.54	40	1,872	777	0.051	46.80	2.41	1.000	0.99995
3692	1	2.88	301	52,025	407	0.740	172.84	127.83	1.000	0.99714
3693	1	0.93	146	8,203	183	0.798	56.18	44.83	1.000	0.99900
3694	1	0.63	45	1,727	1,255	0.036	38.38	1.38	1.000	0.99997
3702	1	1.78	55	5,931	605	0.091	107.84	9.80	1.000	0.99978
3751	2	1.05	12	439	872	0.014	36.58	0.50	1.000	0.99999
3872	1	0.93	5	284	1,068	0.005	56.80	0.27	1.000	0.99999
3873	1	0.40	1	24	792	0.001	24.00	0.03	1.000	0.99999
3878	6	9.49	52	11,672	782	0.066	224.46	14.93	1.061	0.99967
3891	2	0.84	2	50	440	0.005	25.00	0.11	1.000	0.99999
3893	5	7.20	17	1,247	1,096	0.016	73.35	1.14	1.063	0.99997

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
3894	1	0.83	1	50	118	0.008	50.00	0.42	1.000	0.99999
3912	1	0.37	1	22	956	0.001	22.00	0.02	1.000	0.99999
3913	1	1.47	1	88	806	0.001	88.00	0.11	1.000	0.99999
3914	1	1.95	36	4,246	33	1.091	117.94	128.67	1.000	0.99712
3951	3	3.74	71	2,727	909	0.078	38.41	3.00	1.014	0.99993
3953	1	1.32	1	79	517	0.002	79.00	0.15	1.000	0.99999
3981	5	8.20	109	21,683	1,499	0.073	198.93	14.46	1.019	0.99968
3992	1	2.90	1	174	165	0.006	174.00	1.05	1.000	0.99998
401	1	0.70	1	42	108	0.009	42.00	0.39	1.000	0.99999
4031	1	0.70	13	558	698	0.019	42.92	0.80	1.000	0.99998
4092	1	1.52	9	827	424	0.021	91.89	1.95	1.000	0.99996
4101	3	3.56	667	69,540	579	1.152	104.26	120.10	1.152	0.99731
4102	3	6.33	992	220,468	905	1.096	222.25	243.61	1.096	0.99454
4132	2	0.77	4	97	565	0.007	24.25	0.17	1.000	0.99999
4138	1	0.93	1	56	746	0.001	56.00	0.08	1.000	0.99999
4142	10	5.95	93	3,923	586	0.159	42.18	6.69	1.081	0.99985
4151	3	2.13	45	959	1,239	0.036	21.31	0.77	1.047	0.99998
4172	7	5.98	252	12,548	1,695	0.149	49.79	7.40	1.004	0.99983
4182	1	0.75	1	45	1,012	0.001	45.00	0.04	1.000	0.99999
4212	1	3.18	4	767	806	0.005	191.75	0.95	1.000	0.99998
4222	6	9.15	100	15,822	1,022	0.098	158.22	15.48	1.429	0.99965
4302	2	2.78	2	167	647	0.003	83.50	0.26	1.000	0.99999

CIRCUIT NUMBER	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUST. ON AFFECTED CIRCUITS	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
4303	2	5.48	12	2,810	928	0.013	234.17	3.03	1.000	0.99993
4304	1	0.87	1	52	217	0.005	52.00	0.24	1.000	0.99999
4313	1	1.15	1	69	317	0.003	69.00	0.22	1.000	0.99999
4341	4	7.85	55	2,388	1,761	0.031	43.42	1.36	1.038	0.99997
4342	3	2.20	46	1,393	1,734	0.027	30.28	0.80	1.000	0.99998
4362	1	1.00	83	5,050	825	0.101	60.84	6.12	1.000	0.99986
4363	3	2.20	75	3,404	1,346	0.056	45.39	2.53	1.563	0.99994
4371	7	4.52	26	1,068	1,534	0.017	41.08	0.70	1.000	0.99998
4372	2	3.75	13	1,545	430	0.030	118.85	3.59	1.000	0.99992
4431	3	3.88	3	233	1,352	0.002	77.67	0.17	1.000	0.99999
4432	1	1.17	25	1,757	456	0.055	70.28	3.85	1.000	0.99991
5601	4	1.40	127	2,551	1,153	0.110	20.09	2.21	1.000	0.99995
5603	5	4.36	138	5,383	1,286	0.107	39.01	4.19	1.000	0.99991
5904	1	0.48	45	1,317	1,149	0.039	29.27	1.15	1.000	0.99997
6142	1	0.50	4	120	305	0.013	30.00	0.39	1.000	0.99999
	NUMBER OF OUTAGES	OUTAGE HOURS REPORTED	CUSTOMERS AFFECTED	CUSTOMER OUTAGE MINUTES	TOTAL CUSTOMERS SERVED	SAIFI	CAIDI	SAIDI	CAIFI	ASAI
Total:	209	236.00	9,334	819,931	162,134	0.058	87.84	5.06	1.026	0.99989