



Liberty
602 S Joplin Ave
Joplin, MO 64801
T 417-625-6526
Libertyutilities.com

Industry Benchmark

Liberty provides the following utility benchmarks as per the Global Stipulation and Agreement in Case No. ER-2019-0374 regarding reliable service. The values for each utility are as provided in the Department of Energy’s U.S. Energy Information Administration Form 861. Missing values are the result of omissions in the reporting utility’s data. Liberty reports values for Missouri under the “Empire District Electric Co”.

Utility Name	State	Ownership	Standard					
			2014	2015	2016	2017	2018	2019
Barton County Elec Coop, Inc	MO	Cooperative	N/A	N/A	N/A	N/A	Other	Other
Sac-Osage Electric Coop Inc	MO	Cooperative	N/A	N/A	N/A	N/A	Other	Other
Ozark Electric Coop	MO	Cooperative	N/A	N/A	N/A	N/A	N/A	N/A
Barry Electric Coop	MO	Cooperative	N/A	N/A	N/A	N/A	N/A	N/A
New-Mac Electric Coop	MO	Cooperative	N/A	N/A	N/A	N/A	N/A	N/A
Southwest Electric Coop, Inc	MO	Cooperative	N/A	N/A	N/A	IEEE	IEEE	IEEE
Webster Electric Coop	MO	Cooperative	N/A	N/A	Other	Other	Other	Other
White River Valley Electric Coop	MO	Cooperative	N/A	N/A	N/A	N/A	N/A	N/A
Laclede Electric Coop, Inc	MO	Cooperative	Other	Other	Other	Other	Other	IEEE
Se-MA-NO Electric Coop	MO	Cooperative	N/A	N/A	N/A	N/A	N/A	N/A
City Utilities of Springfield - (MO)	MO	Municipal	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Empire District Electric Co	MO	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Evergy Missouri West	MO	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Evergy Metro	MO	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Union Electric Co - (MO)	MO	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Empire District Electric Co	KS	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Evergy Metro	KS	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Evergy Kansas South, Inc	KS	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Evergy Kansas Central, Inc	KS	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Empire District Electric Co	OK	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Oklahoma Gas & Electric Co	OK	Investor Owned	Other	Other	Other	Other	Other	Other
Public Service Co of Oklahoma	OK	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Entergy Arkansas LLC	AR	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Empire District Electric Co	AR	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE
Oklahoma Gas & Electric Co	AR	Investor Owned	Other	Other	Other	Other	Other	Other
Southwestern Electric Power Co	AR	Investor Owned	IEEE	IEEE	IEEE	IEEE	IEEE	IEEE



Utility Name	State	Type	SAIDI Excluding Major Events								
			2014	2015	2016	2017	2018	2019	Avg	Rank	
Barton County Elec Coop, Inc	MO	Coop						144.9	155.2	150.05	16
Sac-Osage Electric Coop Inc	MO	Coop						455.2	204.7	329.95	20
Ozark Electric Coop	MO	Coop									
Barry Electric Coop	MO	Coop									
New-Mac Electric Coop	MO	Coop									
Southwest Electric Coop, Inc	MO	Coop				108.83	100.65	139.5	116.33	11	
Webster Electric Coop	MO	Coop			97	96.57	90.10	20	75.92	3	
White River Valley Electric Coop	MO	Coop									
Laclede Electric Coop, Inc	MO	Coop	120	138	123	208.2	112.8	123.25	137.54	15	
Se-MA-NO Electric Coop	MO	Coop									
City Utilities of Springfield - (MO)	MO	Muni									
Empire District Electric Co	MO	IOU	127.92	115.72	96.68	116.59	102.55	138.16	116.27	10	
Evergy Missouri West	MO	IOU	143.11	108.56	65.98	77.13	89.8	125.16	101.62	6	
Evergy Metro	MO	IOU	96.95	74.14	62.19	90.8	92	91.38	84.58	4	
Union Electric Co - (MO)	MO	IOU	89	96	91	85	86	106	92.17	5	
Empire District Electric Co	KS	IOU	170.77	91.63	158.16	106.26	87.05	115.14	121.50	12	
Evergy Metro	KS	IOU	75.33	86.47	71.01	55.91	52.34	61.51	67.10	2	
Evergy Kansas South, Inc	KS	IOU	99.52	109.71	153.42	88.77	101.05	122.7	112.53	9	
Evergy Kansas Central, Inc	KS	IOU	114.36	136.37	116.26	101.92	92.46	99.847	110.20	8	
Empire District Electric Co	OK	IOU	259.43	168	185.25	122.57	156.72	160.34	175.39	18	
Oklahoma Gas & Electric Co	OK	IOU	103	137.2	158.4	143.9	130.9	135.39	134.80	14	
Public Service Co of Oklahoma	OK	IOU	84.2	112.1	100.4	102.5	101.2	125.1	104.25	7	
Entergy Arkansas LLC	AR	IOU	260.7	283.4	288.2	218.5	297.2	308.8	276.13	19	
Empire District Electric Co	AR	IOU	40	62.54	80.74	26.92	25.49	28.15	43.97	1	
Oklahoma Gas & Electric Co	AR	IOU	160	178.8	134.9	161.5	145.2	123.05	150.58	17	
Southwestern Electric Power Co	AR	IOU	104.6	123.5	117.3	131	135.4	170.3	130.35	13	



Utility Name	State	Type	SAIDI							
			2014	2015	2016	2017	2018	2019	Avg	Rank
Barton County Elec Coop, Inc	MO	Coop					144.9	405.1	275.00	16
Sac-Osage Electric Coop Inc	MO	Coop					483.4	208.3	345.85	17
Ozark Electric Coop	MO	Coop								
Barry Electric Coop	MO	Coop								
New-Mac Electric Coop	MO	Coop								
Southwest Electric Coop, Inc	MO	Coop				170.19	148.02	231.41	183.21	6
Webster Electric Coop	MO	Coop			97	96.567	102	110	101.39	2
White River Valley Electric Coop	MO	Coop								
Laclede Electric Coop, Inc	MO	Coop	480	175.8	141.6	414.6	112.8	258.96	263.96	14
Se-MA-NO Electric Coop	MO	Coop								
City Utilities of Springfield - (MO)	MO	Muni	32.12	59.59	38.08	143.98	100.70	112.32	81.13	1
Empire District Electric Co	MO	IOU	150.76	115.72	96.68	147.72	141.75	214.19	144.47	3
Evergy Missouri West	MO	IOU	179.87	204.37	121.97	265.6	181.71	333.4	214.49	11
Evergy Metro	MO	IOU	156.12	452.82	123.91	552.91	199.14	658.97	357.31	18
Union Electric Co - (MO)	MO	IOU	133	114	294	244	140	181	184.33	7
Empire District Electric Co	KS	IOU	407.66	208.88	264.81	154.15	109.87	140.08	214.24	10
Evergy Metro	KS	IOU	113.06	138.69	117.28	473.93	114.67	395.3	225.49	12
Evergy Kansas South, Inc	KS	IOU	105.72	296.86	164.9	100.59	105.93	179.23	158.87	4
Evergy Kansas Central, Inc	KS	IOU	158.93	235.32	146.22	146.05	153.43	178.61	169.76	5
Empire District Electric Co	OK	IOU	662.98	168	185.25	173.77	156.72	285.22	271.99	15
Oklahoma Gas & Electric Co	OK	IOU	108	964.3	281.9	264.7	180.5	515.58	385.83	19
Public Service Co of Oklahoma	OK	IOU	97	399.1	292.3	180.2	126.9	161.3	209.47	9
Entergy Arkansas LLC	AR	IOU		408.5	570	504.4	448.5	529.6	492.20	21
Empire District Electric Co	AR	IOU	179.48	269.07	80.74	98.93	97.32	456.68	197.04	8
Oklahoma Gas & Electric Co	AR	IOU	361	209.6	651	382.5	278.4	483.21	394.29	20
Southwestern Electric Power Co	AR	IOU	307.9	290.6	128.9	209.8	146.7	337.9	236.97	13



Utility Name	State	Type	SAIFI Excluding Major Events								
			2014	2015	2016	2017	2018	2019	Avg	Rank	
Barton County Elec Coop, Inc	MO	Coop									
Sac-Osage Electric Coop Inc	MO	Coop									
Ozark Electric Coop	MO	Coop									
Barry Electric Coop	MO	Coop									
New-Mac Electric Coop	MO	Coop									
Southwest Electric Coop, Inc	MO	Coop				1.183	0.990	1.024	1.066	8	
Webster Electric Coop	MO	Coop			1.931	1.037	1.020	1.027	1.254	14	
White River Valley Electric Coop	MO	Coop									
Laclede Electric Coop, Inc	MO	Coop	1.690	1.750	1.680	2.390	1.400	1.810	1.787	17	
Se-MA-NO Electric Coop	MO	Coop									
City Utilities of Springfield - (MO)	MO	Muni									
Empire District Electric Co	MO	IOU	1.366	1.338	1.035	1.220	1.120	1.193	1.212	13	
Evergy Missouri West	MO	IOU	1.397	1.199	0.786	0.755	0.948	1.189	1.046	7	
Evergy Metro	MO	IOU	0.945	1.030	0.715	0.896	0.981	0.977	0.924	5	
Union Electric Co - (MO)	MO	IOU	0.810	0.770	0.730	0.680	0.720	0.900	0.768	3	
Empire District Electric Co	KS	IOU	2.619	1.303	2.397	1.205	1.150	1.285	1.660	15	
Evergy Metro	KS	IOU	0.721	0.770	0.701	0.523	0.584	0.663	0.660	2	
Evergy Kansas South, Inc	KS	IOU	1.101	1.260	1.330	0.940	1.050	1.114	1.133	9	
Evergy Kansas Central, Inc	KS	IOU	1.299	1.430	1.240	1.080	0.910	1.019	1.163	11	
Empire District Electric Co	OK	IOU	2.485	2.502	2.169	1.264	1.411	1.682	1.919	18	
Oklahoma Gas & Electric Co	OK	IOU	0.876	0.900	1.000	0.900	0.900	0.780	0.893	4	
Public Service Co of Oklahoma	OK	IOU	0.945	1.171	1.144	1.083	1.167	1.322	1.139	10	
Entergy Arkansas LLC	AR	IOU	1.717	1.989	1.960	1.558	1.740	1.720	1.781	16	
Empire District Electric Co	AR	IOU	0.572	0.556	0.723	0.314	0.538	0.422	0.521	1	
Oklahoma Gas & Electric Co	AR	IOU	1.170	1.100	0.900	0.900	1.200	0.850	1.020	6	
Southwestern Electric Power Co	AR	IOU	0.852	1.063	1.281	1.254	1.326	1.463	1.207	12	



Utility Name	State	Type	SAIFI								
			2014	2015	2016	2017	2018	2019	Avg	Rank	
Barton County Elec Coop, Inc	MO	Coop									
Sac-Osage Electric Coop Inc	MO	Coop									
Ozark Electric Coop	MO	Coop									
Barry Electric Coop	MO	Coop									
New-Mac Electric Coop	MO	Coop									
Southwest Electric Coop, Inc	MO	Coop				1.380	1.220	1.280	1.293	9	
Webster Electric Coop	MO	Coop			1.931	1.037	1.030	1.038	1.259	5	
White River Valley Electric Coop	MO	Coop									
Laclede Electric Coop, Inc	MO	Coop	1.880	1.930	1.760	2.970	1.400	2.520	2.077	16	
Se-MA-NO Electric Coop	MO	Coop									
City Utilities of Springfield - (MO)	MO	Muni	0.257	0.412	0.354	0.755	0.592	0.645	0.503	1	
Empire District Electric Co	MO	IOU	1.413	1.338	1.035	1.365	1.253	1.328	1.289	8	
Evergy Missouri West	MO	IOU	1.566	1.550	1.020	1.208	1.230	1.641	1.369	12	
Evergy Metro	MO	IOU	1.158	1.230	0.935	1.676	1.235	1.562	1.299	10	
Union Electric Co - (MO)	MO	IOU	0.970	0.820	1.130	1.040	0.850	1.130	0.990	3	
Empire District Electric Co	KS	IOU	3.469	2.163	2.810	1.436	1.289	1.337	2.084	17	
Evergy Metro	KS	IOU	0.857	0.887	0.887	1.061	0.772	1.107	0.929	2	
Evergy Kansas South, Inc	KS	IOU	1.140	1.690	1.400	1.010	1.100	1.345	1.281	6	
Evergy Kansas Central, Inc	KS	IOU	1.494	1.720	1.410	1.230	1.160	1.308	1.387	13	
Empire District Electric Co	OK	IOU	3.214	2.502	2.169	1.512	1.411	1.940	2.125	18	
Oklahoma Gas & Electric Co	OK	IOU	0.888	1.500	1.200	1.100	1.000	1.250	1.156	4	
Public Service Co of Oklahoma	OK	IOU	0.963	1.577	1.422	1.335	1.342	1.458	1.350	11	
Entergy Arkansas LLC	AR	IOU		2.246	2.360	2.195	1.927	2.075	2.161	19	
Empire District Electric Co	AR	IOU	1.048	1.978	0.723	0.905	1.398	1.639	1.282	7	
Oklahoma Gas & Electric Co	AR	IOU	1.590	1.200	1.300	1.500	1.800	1.640	1.505	15	
Southwestern Electric Power Co	AR	IOU	1.368	1.220	1.357	1.501	1.351	1.803	1.433	14	