

Kentucky Power Company  
KPSC Case No. 2020-00174  
AG-KIUC Post-Hearing Data Requests  
Dated November 30, 2020

**DATA REQUEST**

- AG\_KIUC\_PH\_001** Reference AG-KIUC Hearing Exhibit 1, the AEP presentation to the EEI Financial Conference entitled, "Advancing Towards a Clean Energy Future," dated November 9-10, 2020, p. 79.
- a. Confirm that KPCo's projected capital spending for the period 2021-2025 is \$994 million.
  - b. If so confirmed, provide: (i) all documents confirming this projection; and (ii) a breakdown of the types of projects intended to be included within the capital spending plan, including individual cost estimates for each project.

**RESPONSE**

- a. Confirmed.
- b. Please see KPCO\_R\_AG\_KIUC\_PH\_1\_Attachment1 for the requested information.

Witness: Brian K. West

Kentucky Power Company  
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**DATA REQUEST**

**AG\_KIUC\_PH\_002** Please provide all studies performed by or on behalf of the Company comparing its rates to the rates of other utilities in Kentucky.

**RESPONSE**

Please see KPCO\_R\_AG\_KIUC\_PH\_2\_ConfidentialAttachment1 for the requested information. The study was not performed by or on behalf of the Company.

Witness: Brian K. West

KPCO\_R\_AG\_KIUC\_PH\_2\_PublicAttachment1 has been redacted in its entirety.

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**DATA REQUEST**

**AG\_KIUC\_PH\_003** Please provide all studies performed by or on behalf of the Company comparing its service reliability to the service reliability of other utilities in Kentucky.

**RESPONSE**

Please see KPCO\_R\_AG\_KIUC\_PH\_3\_Attachment1 for the requested information. The attachment also includes three utilities (City of Glasgow, Henderson City Utility, and Licking Valley) that do not measure SAIDI, SAIFI, and CAIDI in a way that complies with IEEE standards.

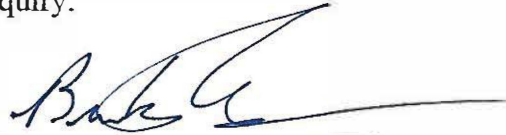
Witness: Everett G. Phillips

source: <https://www.eia.gov/electricity/data/eia861/>

Data Year	Utility Number	Utility Characteristics						IEEE Standard													Other Standard							
		Utility Name	State	Ownership	Short Form	SAIDI With MED	SAIFI With MED	CAIDI With MED	SAIDI Without MED	SAIFI Without MED	CAIDI Without MED	SAIDI With MED Minus LOS	SAIFI With MED Minus LOS	CAIDI With MED Minus MED	Number of Customers	Highest Dist. Voltage	Outages Recorded Automatically	SAIDI With MED	SAIFI With MED	CAIDI With MED	SAIDI Without MED	SAIFI Without MED	CAIDI Without MED	Number of Customers	Inactive Accounts Included	Momentary Interruptions	Highest Dist. Voltage	Outages Recorded Automatically
2019	1708	Big Sandy Rural Elec Coop Corp	KY	Cooperative		562.180	4.095	137.284	452.270	3.660	123.571	548.940	3.740	146.775	12,596	13.2	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	1886	Blue Grass Energy Coop Corp	KY	Cooperative		169.638	1.305	129.991	130.193	1.139	114.305	162.194	1.194	135.841	57,854	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	2056	City of Bowling Green - (KY)	KY	Municipal		105.213	1.383	76.076	52.707	0.974	54.114	52.707	0.974	54.114	30,891	12.5	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	3687	Clark Energy Coop Inc - (KY)	KY	Cooperative		175.969	1.707	103.087	175.969	1.707	103.087	155.075	1.450	106.948	26,071	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	4622	Cumberland Valley Electric, Inc.	KY	Cooperative		337.500	2.585	130.561	237.000	2.249	105.380	327.700	2.468	132.780	23,783	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	6194	Farmers Rural Electric Coop Corp - (KY)	KY	Cooperative		138.280	1.480	93.432	138.280	1.480	93.432	123.630	1.230	100.512	23,957	68.9	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	6442	Fleming-Mason Energy Coop Inc	KY	Cooperative		250.500	1.420	176.408	151.900	1.125	135.022	232.130	1.204	192.799	24,629	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	6708	City of Frankfort - (KY)	KY	Municipal		34.750	0.050	53.462	11.135	0.223	49.933	34.750	0.050	53.462	21,552	13.8	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	7270	City of Glasgow - (KY)	KY	Municipal		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.0		37.940	1.230	30.846	0.000	0.000	0.000	7,475	N	F	12.5	N
2019	7558	Grayson Rural Electric Coop Corp	KY	Cooperative		381.280	2.600	146.646	381.280	2.600	146.646	356.410	2.520	141.433	14,363	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	8449	Henderson City Utility Comm	KY	Municipal		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.0		17.592	0.273	64.440	17.592	0.273	64.440	12,032	N	F	13.8	N
2019	9292	Inter County Energy Coop Corp	KY	Cooperative		135.952	1.640	82.898	135.952	1.640	82.898	96.914	0.990	97.893	26,556	24.9	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	9575	Jackson Energy Coop Corp - (KY)	KY	Cooperative		296.270	2.358	125.645	227.260	1.911	118.922	241.750	1.884	128.317	51,550	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	9605	Jackson Purchase Energy Corporation	KY	Cooperative		403.950	2.280	183.614	137.175	1.463	93.763	370.963	1.990	186.414	29,813	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	9564	Kenergy Corp	KY	Cooperative		208.560	2.380	87.630	116.790	1.620	72.093	198.300	1.930	102.746	57,275	14.4	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	10171	Kentucky Utilities Co	KY	Investor Owned		109.540	1.019	107.498	98.400	0.954	103.145	98.870	0.881	112.225	537,990	34.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	11011	Licking Valley Rural E C C	KY	Cooperative		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.0		289.000	1.870	154.545	199.000	1.370	145.255	17,188	N	L	7.2	N
2019	11249	Louisville Gas & Electric Co	KY	Investor Owned		154.850	1.462	105.917	85.030	1.170	72.675	151.320	1.406	107.624	420,963	34.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	12243	Meade County Rural E C C	KY	Cooperative		133.080	1.080	123.222	85.350	0.890	95.899	111.530	1.001	111.419	29,825	0.0	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	13651	Nolin Rural Electric Coop Corp	KY	Cooperative		63.803	0.996	64.059	63.803	0.996	64.059	56.341	0.848	66.440	35,685	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	14251	Owen Electric Coop Inc	KY	Cooperative		136.000	1.640	82.927	104.000	1.300	80.000	0.000	0.000	0.000	62,277	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	14268	City of Owensboro - (KY)	KY	Municipal		74.738	1.044	71.588	74.738	1.044	71.588	74.738	1.044	71.588	27,207	15.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	14371	City of Paducah - (KY)	KY	Municipal		120.330	2.050	58.698	49.490	1.420	34.852	120.330	2.050	58.698	22,115	15.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	14724	Pennyrile Rural Electric Coop	KY	Cooperative		514.000	2.480	207.258	201.000	2.060	97.573	510.000	2.450	208.163	47,559	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	15386	City of Princeton - (KY)	KY	Municipal		5.263	0.095	55.400	5.263	0.095	55.400	0.000	0.000	0.000	3,801	12.4	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	16587	Salt River Electric Coop Corp	KY	Cooperative		121.210	1.240	97.750	78.830	1.050	75.076	117.180	1.040	112.673	52,831	12.4	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	17044	Shelby Energy Co-op, Inc	KY	Cooperative		170.520	1.250	136.416	120.760	1.090	110.789	156.510	1.010	154.960	16,610	25.0	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	17564	South Kentucky Rural E C C	KY	Cooperative		385.878	2.813	137.177	222.564	2.414	92.197	350.790	2.409	145.616	68,995	25.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	18498	Taylor County Rural E C C	KY	Cooperative		111.020	1.140	97.386	86.100	1.030	83.592	0.000	0.000	0.000	26,705	12.5	N	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	19162	Tri-County Elec Member Corp.(TN)	KY	Cooperative		486.500	3.690	131.843	278.180	3.140	88.592	447.830	3.110	143.997	24,440	13.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	19446	Duke Energy Kentucky	KY	Investor Owned		197.000	1.440	136.806	170.000	1.310	129.771	162.650	0.928	175.269	144,188	12.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	20130	Warren Rural Elec Coop Corp	KY	Cooperative		211.012	2.360	89.412	136.086	1.794	75.856	158.090	1.820	86.863	66,357	12.5	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0
2019	22053	Kentucky Power Co	KY	Investor Owned		531.200	2.591	205.017	485.000	2.485	195.171	517.100	2.473	209.098	164,022	35.0	Y	0.000	0.000	0.000	0.000	0.000	0.000	0				0.0

**VERIFICATION**

The undersigned, Brian K. West, being duly sworn, deposes and says he is Director Regulatory Services for Kentucky Power Company that he has personal knowledge of the matters set forth in the forgoing responses and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.



Brian K. West

State of Indiana        )  
                                  ) ss     Case No. 2020-00174  
County of Allen        )

Subscribed and sworn to before me, a Notary Public, in and for said County and State, Brian K. West this 3<sup>rd</sup> day of December, 2020.

**Regiana M.  
Sistevaris**

Digitally signed by Regiana M.  
Sistevaris  
Date: 2020.12.03 11:36:58 -05'00'

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Regiana M. Sistevaris, Notary Public

My Commission Expires: January 7, 2023

VERIFICATION

The undersigned, Everett G. Phillips, being duly sworn, deposes and says he is Vice President of Distribution Region Operations for Kentucky Power Company that he has personal knowledge of the matters set forth in the forgoing responses and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.

Everett G. Phillips  
Everett G. Phillips

COMMONWEALTH OF KENTUCKY

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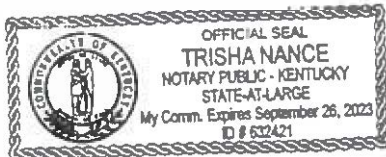
) Case No. 2020-00174

COUNTY OF BOYD

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Subscribed and sworn to before me, a Notary Public in and before said County and State, by Everett G. Phillips, this 4<sup>th</sup> day of December 2020.

Trisha Nance  
Notary Public



Notary ID Number: 632421

My Commission Expires: 9-26-2023