

March 15, 2021

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**VIA E-MAIL TRANSMISSION PSCED@KY.GOV**

Linda C. Bridwell  
Executive Director  
Public Service Commission of Kentucky  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, KY 40602-0615

**RECEIVED**  
**MAR 15 2021**  
PUBLIC SERVICE  
COMMISSION

RE: Case No. 2005-00276 – Post-Case Referenced Correspondence File  
Kentucky Power Company's 2020 Meter Test Reports

Dear Ms. Bridwell:

Pursuant to Section I, paragraph 4 of Kentucky Power Company's 2006 Sample Meter Testing Plan, I enclose the Company's certified test results of all new meters received during calendar year 2020 (KY 2020 cert test.xlsx).

I also enclose the 2020 results of Kentucky Power's statistical sampling plan (2020 Kentucky Power Sample Meter Test Report). Each of the lots tested satisfied the test criteria. As informally requested, I am also enclosing the results of all meters tested in 2020 (2020 All test.xlsx).

Please do not hesitate to contact me if you have any questions.

Very truly yours,

  
Mark R. Overstreet

MRO

## Sample Test Report as of **12/31/2020**

### AEP / Kentucky Power Company 2020 Sample Test Results **Kentucky**

Based on: ANSI Z1.9-1993, General II Inspection Level (Table A-2), Upper Limit-102%, Lower Limit-98%, AQL - 2.5, Table B3

Group Name	Meter Types				# of Meters in Service at time of the sample selection	# of meters sample tested	Average Accuracy (Bar X)	Standard Deviation (Sigma)	Pass or Fail
K0C11	401	0	0	0	5,648	75	99.97	0.241	Passed
K0C12	401	0	0	0	5,494	75	100.00	0.187	Passed
K0C13	401	0	0	0	5,292	75	100.02	0.121	Passed
K0C14	401	0	0	0	7,862	75	100.03	0.129	Passed
K0C15	401	0	0	0	7,421	75	99.95	0.071	Passed
K0C16	401	0	0	0	5,078	75	99.98	0.070	Passed
K0I2B	426	0	0	0	337	20	99.92	0.105	Passed
K0I4C	426	0	0	0	7,712	75	99.93	0.113	Passed
K0I2D	426	0	0	0	306	20	99.95	0.104	Passed
K0I2E	426	0	0	0	1,446	50	99.79	1.056	Passed
K0I2G	426	0	0	0	4,081	75	99.94	0.163	Passed
K0I2K	426	0	0	0	3,516	75	99.87	0.132	Passed
K0I2R	426	0	0	0	8,809	75	99.86	0.100	Passed
K0I3J	426	0	0	0	9,182	75	99.85	0.140	Passed
K0I3R	426	0	0	0	9,182	75	99.88	0.104	Passed
K0I4J	426	0	0	0	9,269	75	99.88	0.093	Passed
K0I5C	426	0	0	0	6,022	75	99.93	0.101	Passed
K0I5J	426	0	0	0	9,193	75	99.88	0.102	Passed
K0I6C	426	0	0	0	2,208	50	99.94	0.109	Passed
K0I6J	426	0	0	0	9,325	75	99.89	0.100	Passed
K0I7J	426	0	0	0	9,484	75	99.91	0.521	Passed
K0I8J	426	0	0	0	9,446	75	99.87	0.108	Passed
K0I9J	426	0	0	0	9,370	75	99.86	0.112	Passed
K0LGR	X18	0	0	0	4,788	75	100.24	0.135	Passed
K0PI1	426	734	0	0	9,615	75	99.86	0.084	Passed
K0PI2	734	0	0	0	1,297	50	99.87	0.081	Passed

Comments:

1)

Meters removed in 2020 of Failed Groups:

Group Name	Meter Types				Years of Group Failure	Meters In service as of 12/31/2020	Removed or Tested in 2020	Plans for present year
-	-	-	-	-	-	-	-	-

Comments:

1)

Prepared By:

Diane S Roquemore

3/2/2020