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March 14, 2024

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VIA E-MAIL TRANSMISSION [PSCED@KY.GOV](mailto:PSCED@KY.GOV)

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

RECEIVED

MAR 14 2024

PUBLIC SERVICE  
COMMISSION

RE: **Case No. 2005-00276 (Post-Case Correspondence File)**  
Kentucky Power Company's 2023 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 2023 (KY 2023 Factory Certified Tests.xlsx).

I am also enclosing the 2023 results of Kentucky Power's statistical sampling plan (2023 Kentucky Power Sample Meter Test Report.pdf). Each of the lots tested satisfied the test criteria. As informally requested, I am also enclosing the results of all meters tested in 2023 (KY 2023 All Tests.xlsx).

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

Very truly yours,

STITES & HARBISON PLLC



Katie M. Glass

KMG

Sample Test Report as of:  
**12/31/2023**  
 AEP / Kentucky Power Company  
 2023 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	# of meters sample tested	Average Accuracy (Bar X)	Standard Deviation (Sigma)	Pass or Fail
KY K3I2C	426					9,000	75	99.90	0.103	Passed
KY K3I2E	426					9,000	75	99.91	0.118	Passed
KY K3I2G	426					9,000	75	99.88	0.106	Passed
KY K3I2I	426					9,000	75	99.86	0.125	Passed
KY K3I2J	426					9,000	75	99.84	0.115	Passed
KY K3I2L	426					6,323	75	99.87	0.109	Passed
KY K3PI1	734					9,189	75	99.83	0.100	Passed
KY K3CI3	401					5,302	75	99.99	0.178	Passed
KY K3LGR	X18					5,126	75	100.18	0.213	Passed
KY K3I2A	426					9,000	75	99.95	0.190	Passed
KY K3I2D	426					9,000	75	99.91	0.130	Passed
KY K3I2H	426					9,000	75	99.87	0.110	Passed
KY K3CI6	401					5,764	75	99.99	0.072	Passed
KY K3CI1	401					4,833	75	100.02	0.129	Passed
KY K3I2K	426					9,000	75	99.87	0.108	Passed
KY K3CI5	401					7,443	75	99.96	0.089	Passed
KY K3CI2	401					4,884	75	100.02	0.136	Passed
KY K3CI4	401					7,916	75	100.04	0.125	Passed
KY K3I2F	426					9,000	75	99.90	0.117	Passed
KY K3I2B	426					9,000	75	99.92	0.100	Passed

Comments:

1)

Prepared By: Charles Graham 1/17/2024