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March 3, 2022

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VIA E-MAIL TRANSMISSION PSCED@KY.GOV

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

RECEIVED
MAR 03 2022

PUBLIC SERVICE
COMMISSION

RE: **Case No. 2005-00276 (Post-Case Correspondence File)**
Kentucky Power Company's 2021 Meter Test Reports

Dear Ms. Bridwell:

Kentucky Power received no new meters in 2021, and therefore no such testing was necessary under Section I, paragraph 4 of Kentucky Power Company's 2006 Sample Meter Testing Plan.

I am enclosing the 2021 results of Kentucky Power's statistical sampling plan (2021 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 2021 (2021 All Tests Report.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 12/31/2021

AEP / Kentucky Power Company
2021 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
KY K1LGR	X18			0	5305	75	100.20	0.169	Passed
KY K1I5C	426			0	5810	75	99.89	0.165	Passed
KY K1I2E	426			0	1309	50	99.90	0.141	Passed
KY K1I4J	426			0	9143	75	99.87	0.231	Passed
KY K1I8J	426			0	9400	75	99.82	0.174	Passed
KY K1I6C	426			0	2066	50	99.88	0.144	Passed
KY K1I3J	426			0	9154	75	99.87	0.141	Passed
KY K1I5J	426			0	9136	75	99.83	0.226	Passed
KY K1I7J	426			0	9379	75	99.84	0.176	Passed
KY K1I2R	426			0	8724	75	99.83	0.136	Passed
KY K1I3R	426			0	8730	75	99.86	0.180	Passed
KY K1PI1	426	734		0	9610	75	99.82	0.128	Passed
KY K1PI2	734			0	1298	50	99.77	0.104	Passed
KY K1CI3	401			0	5268	75	99.99	0.112	Passed
KY K1I4C	426			0	7518	75	99.87	0.200	Passed
KY K1I2G	426			0	3878	75	100.01	0.168	Passed
KY K1I6J	426			0	9267	75	99.90	0.172	Passed
KY K1CI1	401			0	5260	75	99.94	0.190	Passed
KY K1I2B	426			0	312	20	99.86	0.302	Passed
KY K1I9J	426			0	9268	75	99.87	0.180	Passed
KY K1I2K	426			0	3500	75	99.85	0.144	Passed
KY K1CI5	401			0	7404	75	99.89	0.090	Passed
KY K1CI2	401			0	5198	75	99.84	0.329	Passed
KY K1CI6	401			0	5340	75	99.92	0.089	Passed
KY K1CI4	401			0	7825	75	100.17	1.858	Passed
KY K1I2D	426			0	266	20	99.88	0.156	Passed

Prepared By:

Charles Graham

2/10/2022