

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF DUKE ENERGY	)	
KENTUCKY, INC. FOR AUTHORITY TO ADOPT	)	CASE NO.
A SCIENTIFIC SAMPLE METER TEST PLAN	)	2026-00144
AND DEVIATION FROM ADMINISTRATIVE	)	
REGULATION 807 KAR 5:022, SECTION 3(4)	)	

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO DUKE ENERGY KENTUCKY, INC

Duke Energy Kentucky, Inc. (Duke Kentucky), pursuant to 807 KAR 5:001, shall file with the Commission an electronic version of the following information. The information requested is due on August 31, 2026. The Commission directs Duke Kentucky to the Commission's July 22, 2021 Order in Case No. 2020-00085¹ regarding filings with the Commission. Electronic documents shall be in portable document format (PDF), shall be searchable, and shall be appropriately bookmarked.

Each response shall include the question to which the response is made and shall include the name of the witness responsible for responding to the questions related to the information provided. Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the

¹ Case No. 2020-00085, *Electronic Emergency Docket Related to the Novel Coronavirus COVID-19* (Ky. PSC July 22, 2021), Order (in which the Commission ordered that for case filings made on and after March 16, 2020, filers are NOT required to file the original physical copies of the filings required by 807 KAR 5:001, Section 8).

response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Duke Kentucky shall make timely amendment to any prior response if Duke Kentucky obtains information that indicates the response was incorrect or incomplete when made or, though correct or complete when made, is now incorrect or incomplete in any material respect.

For any request to which Duke Kentucky fails or refuses to furnish all or part of the requested information, Duke Kentucky shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied and scanned material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations. When filing a paper containing personal information, Duke Kentucky shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to Duke Kentucky's responses to Commission Staff's First Request for Information (Staff's First Request), Item 3, Attachment.

- a. Provide a table showing the number of meters included in the "Ky Age Change Current Program projected meter change" for CAT I and CAT II, with the meter counts separated by model, consistent with the format of the sampling table as shown below.

CAT I

Sequence	Sampling Year	400A	AC-250	AL-175	AL-425	MET250	Total
1	2027	19	359	4	63	565	1010
2	2028	85	273	0	42	840	1240
3	2029	7	314	2	45	960	1328
4	2030	57	418	0	77	1138	1690
5	2031	76	336	0	81	1738	2231
6	2032	52	368	0	62	1138	1620

CAT II

Sequence	Sampling Year	1000A	AC 1000	AL-1000	AL-800	SL 1000	Total
1	2027	62	6	15	0	17	100
2	2028	45	4	24	1	13	87
3	2029	110	5	31	0	13	159
4	2030	71	3	35	0	7	116
5	2031	120	7	29	0	8	164
6	2032	90	5	29	0	6	130

b. Explain why the number of meters in CAT II in “Ky Age Change Current Program projected meter change” is 110 but the number of meters in “Ky Age Change Proposed Sample Program projected meter change” is 159, given the relatively small sample sizes for AL-800, AL-175, and AC-1000.

c. Explain how the sample size or percentage was determined for each year, including the statistical methodology, confidence level, margin of error, and meter selection process used to ensure that the sample is random and representative of the overall meter population.

d. Explain the statistical basis for concluding that the sample size is sufficient to reliably represent the overall meter population, particularly for meter models with a small number of sampled meters. Provide the supporting workpapers in Excel spreadsheet format, including all calculations, with all formulas, columns, and rows unprotected and fully accessible.



Justin McNeil
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Public Service Commission
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DATED AUG 21 2026

cc: Parties of Record

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