KyPSC Case No. 2026-00234
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VERIFICATION

STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURG)

The undersigned, Krista K. Markel, Manager, Accounting II, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the information contained therein is true and correct to the best of her knowledge, information, and belief.

Krista K. Markel

Krista K. Markel, Affiant

Subscribed and sworn to before me by Krista K. Markel on this 21 day of October, 2026.

NOTARY PUBLIC



My Commission Expires: 5-25-31

VERIFICATION

STATE OF OHIO)
) **SS:**
COUNTY OF HAMILTON)

The undersigned, Libbie S. Miller, Rates & Regulatory Strategy Manager, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the information contained therein is true and correct to the best of her knowledge, information, and belief.

Libbie S. Miller

Libbie S. Miller, Affiant

Subscribed and sworn to before me by Libbie S. Miller on this 10th day of October, 2026.

Emilie Sunderman

NOTARY PUBLIC

My Commission Expires: July 8, 2027

EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

VERIFICATION

STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURG)

The undersigned, John D. Swez, Managing Director, Trading & Dispatch, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests and that the answers contained therein are true and correct to the best of his knowledge, information, and belief.

John D. Swez, Affiant

Subscribed and sworn to before me by John D. Swez on this 19th day of October, 2026.

NOTARY PUBLIC

My Commission Expires:

SHAMELL M WILSON
NOTARY PUBLIC
My Comm. Exp. July 06, 2031
MECKLENBURG COUNTY, NC

Duke Energy Kentucky
Case No. 2026-00234
STAFF First Request for Information
Date Received: September 24, 2026

STAFF-DR-01-001

REQUEST:

Provide a summary schedule showing the calculation of E(m) (Return on Rate Base + Operating Expenses – Emission Allowance Sales + Prior Period Adjustment +(Over)/ Under Recovery) and the surcharge factor for the expense months covered by the billing periods under review. Use ES Form 1.10 as a model for this summary. Include two expense months subsequent to the review period in order to show the over- and under-recovery adjustments for the months included for the billing periods. The summary schedule should incorporate any corrections or revisions to the monthly surcharge filings that Duke Kentucky has submitted for the billing period under review. Provide the schedule and all supporting calculations and documentation in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

RESPONSE:

Please see STAFF-DR-01-001 Attachment 1(a)(b) for a summary showing the calculation of E(m) and the surcharge factor for the expense months covered by the billing period under review. Detailed calculations are available in the Excel files provided for each expense month as listed below:

- STAFF-DR-01-001 Attachment 02 – 042024 DEK ESM Filing for 062024
- STAFF-DR-01-001 Attachment 03 – 052024 DEK ESM Filing for 072024
- STAFF-DR-01-001 Attachment 04 – 062024 DEK ESM Filing for 082024
- STAFF-DR-01-001 Attachment 05 – 072024 DEK ESM Filing for 092024
- STAFF-DR-01-001 Attachment 06 – 082024 DEK ESM Filing for 102024
- STAFF-DR-01-001 Attachment 07 – 092024 DEK ESM Filing for 112024
- STAFF-DR-01-001 Attachment 08 – 102024 DEK ESM Filing for 122024

- STAFF-DR-01-001 Attachment 09 – 112024 DEK ESM Filing for 012025
- STAFF-DR-01-001 Attachment 10 – 122024 DEK ESM Filing for 022025
- STAFF-DR-01-001 Attachment 11 – 012025 DEK ESM Filing for 032025
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- STAFF-DR-01-001 Attachment 15 – 052025 DEK ESM Filing for 072025
- STAFF-DR-01-001 Attachment 16 – 062025 DEK ESM Filing for 082025
- STAFF-DR-01-001 Attachment 17 – 072025 DEK ESM Filing for 092025
- STAFF-DR-01-001 Attachment 18 – 082025 DEK ESM Filing for 102025
- STAFF-DR-01-001 Attachment 19 – 092025 DEK ESM Filing for 112025
- STAFF-DR-01-001 Attachment 20 – 102025 DEK ESM Filing for 122025
- STAFF-DR-01-001 Attachment 21 – 112025 DEK ESM Filing for 012026
- STAFF-DR-01-001 Attachment 22 – 122025 DEK ESM Filing for 022026
- STAFF-DR-01-001 Attachment 23 – 012026 DEK ESM Filing for 032026
- STAFF-DR-01-001 Attachment 24 – 022026 DEK ESM Filing for 042026
- STAFF-DR-01-001 Attachment 25 – 032026 DEK ESM Filing for 052026
- STAFF-DR-01-001 Attachment 26 – 042026 DEK ESM Filing for 062026
- STAFF-DR-01-001 Attachment 27 – 052026 DEK ESM Filing for 072026

PERSON RESPONSIBLE: Libbie S. Miller

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

Summary of Environmental Compliance Plans

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Expense Month: April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
1	Environmental Compliance Rate Base (RB)	ES Form 2.00		$ 53,976,034	$ 53,721,156	$ 53,466,263	$ 53,211,368	$ 52,956,473	$ 52,701,607
2	RB ÷ 12 months	(1) ÷ 12		$ 4,498,003	$ 4,476,763	$ 4,455,522	$ 4,434,281	$ 4,413,039	$ 4,391,801
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%	8.822%	8.822%	8.822%	8.822%	8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)		$ 396,814	$ 394,940	$ 393,066	$ 391,192	$ 389,318	$ 387,445
5	Environmental Operating Expenses (OE)	ES Form 2.00	+	$ 2,516,358	$ 1,746,876	$ 4,606,569	$ 3,915,060	$ 4,066,192	$ 1,627,227
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	-	$ -	$ -	$ -	$ -	$ 450,000	$ -
7	Sub-Total E(m)	(4) + (5) - (6)		$ 2,913,172	$ 2,141,816	$ 4,999,635	$ 4,306,252	$ 4,005,510	$ 2,014,672
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.26%	98.40%	98.39%	98.35%	98.39%	98.42%
9	Jurisdictional E(m)	(7) x (8)		$ 2,862,483	$ 2,107,547	$ 4,919,141	$ 4,235,199	$ 3,941,021	$ 1,982,840
10	Prior Period Adjustment (if necessary)	(A)	+	$ -	$ -	$ -	$ -	$ -	$ -
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+	$ (92,740)	$ (198,150)	$ 56,976	$ (847,497)	$ (905,332)	$ 218,432
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)		$ 2,769,743	$ 1,909,397	$ 4,976,117	$ 3,387,702	$ 3,035,689	$ 2,201,272
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)		$ 50,689	$ 34,269	$ 80,494	$ 71,053	$ 64,489	$ 31,832
14	Revenues as a Percentage of 12 Month Average Total Revenues								
15	Residential	ES Form 3.00		41.23%	42.19%	42.42%	42.62%	42.52%	42.64%
16	Non-Residential	ES Form 3.00		58.77%	57.81%	57.58%	57.38%	57.48%	57.36%
17	Adjusted Jurisdictional E(m) - Allocated								
18	Residential	(12) * (15)		$ 1,141,965	$ 805,575	$ 2,110,869	$ 1,443,839	$ 1,290,775	$ 938,622
19	Non-Residential	(12) * (16)		$ 1,627,778	$ 1,103,822	$ 2,865,248	$ 1,943,863	$ 1,744,914	$ 1,262,650
20	R(m)								
21	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00		$ 13,967,211	$ 14,329,802	$ 14,412,373	$ 15,073,071	$ 15,246,471	$ 15,185,120
22	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 12,448,078	$ 12,468,011	$ 12,577,407	$ 13,042,698	$ 13,365,149	$ 13,244,593
23	Environmental Surcharge Billing Factor								
24	Residential	(18) / (21)		8.18%	5.62%	14.65%	9.58%	8.47%	6.18%
25	Non-Residential	(19) / (22)		13.08%	8.85%	22.78%	14.90%	13.06%	9.53%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

Summary of Environmental Compliance Plans

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recover	Source		Expense Month: October 2024	November 2024	December 2024	January 2025	February 2025	March 2025
1	Environmental Compliance Rate Base (RB)	ES Form 2.00		$ 52,446,749	$ 52,191,867	$ 51,936,958	$ 51,983,384	$ 51,757,752	$ 51,532,130
2	RB ÷ 12 months	(1) ÷ 12		$ 4,370,562	$ 4,349,322	$ 4,328,080	$ 4,331,949	$ 4,313,146	$ 4,294,344
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%	8.822%	8.822%	8.822%	8.822%	8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)		$ 385,571	$ 383,697	$ 381,823	$ 382,165	$ 380,506	$ 378,847
5	Environmental Operating Expenses (OE)	ES Form 2.00	+	$ 845,212	$ 2,478,898	$ 3,424,947	$ 3,710,162	$ 2,980,353	$ 3,042,030
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	-	$ -	$ -	$ -	$ -	$ -	$ -
7	Sub-Total E(m)	(4) + (5) - (6)		$ 1,230,783	$ 2,862,595	$ 3,806,770	$ 4,092,327	$ 3,360,859	$ 3,420,877
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.43%	98.51%	98.66%	98.71%	98.59%	98.57%
9	Jurisdictional E(m)	(7) x (8)		$ 1,211,460	$ 2,819,942	$ 3,755,759	$ 4,039,536	$ 3,313,471	$ 3,371,958
10	Prior Period Adjustment (if necessary)	(A)	+	$ -	$ -	$ -	$ -	$ -	$ -
10.5	Commisssion Ordered Costs Includable in Rider ESM	(B)	+	$ 17,325	$ -	$ 82,290	$ 25,260	$ -	$ -
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+	$ 274,713	$ 189,862	$ (126,490)	$ (181,958)	$ (235,272)	$ (228,622)
12	Revenue Collected through Base Rates		-	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)		$ (374,471)	$ 1,131,835	$ 1,833,589	$ 2,004,868	$ 1,200,230	$ 1,265,367
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)		$ 19,323	$ 42,653	$ 51,011	$ 52,791	$ 47,388	$ 48,919
15	Revenues as a Percentage of 12 Month Average Total Revenues								
16	Residential	ES Form 3.00		42.76%	42.48%	42.39%	42.51%	42.83%	43.14%
17	Non-Residential	ES Form 3.00		57.24%	57.52%	57.61%	57.49%	57.17%	56.86%
18	Adjusted Net Jurisdictional E(m) - Allocated								
19	Residential	(13) * (16)		$ (160,124)	$ 480,803	$ 777,259	$ 852,270	$ 514,059	$ 545,879
20	Non-Residential	(13) * (17)		$ (214,347)	$ 651,032	$ 1,056,330	$ 1,152,598	$ 686,171	$ 719,488
21	R(m)								
22	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00		$ 15,272,540	$ 15,201,846	$ 15,045,684	$ 15,134,621	$ 15,274,562	$ 15,566,524
23	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,309,527	$ 13,430,267	$ 13,312,182	$ 13,289,422	$ 13,145,446	$ 13,139,016
24	Environmental Surcharge Billing Factor								
25	Residential	(19) / (22)		-1.05%	3.16%	5.17%	5.63%	3.37%	3.51%
26	Non-Residential	(20) / (23)		-1.61%	4.85%	7.94%	8.67%	5.22%	5.48%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expenses for review of Limestone CPCN Case No.'s 2024-00152 and 2025-00002

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

Summary of Environmental Compliance Plans

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recover	Source		Expense Month April 2025	May 2025	June 2025	July 2025	August 2025	September 2025
1	Environmental Compliance Rate Base (RB)	ES Form 2.00		$ 51,306,522	$ 51,080,923	$ 50,855,311	$ 50,629,683	$ 50,404,106	$ 50,178,476
2	RB ÷ 12 months	(1) ÷ 12		$ 4,275,544	$ 4,256,744	$ 4,237,943	$ 4,219,140	$ 4,200,342	$ 4,181,540
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%	8.822%	8.822%	8.822%	8.822%	8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)		$ 377,188	$ 375,530	$ 373,871	$ 372,213	$ 370,554	$ 368,895
5	Environmental Operating Expenses (OE)	ES Form 2.00	+	$ 2,123,945	$ 3,483,811	$ 3,431,201	$ 4,118,899	$ 3,097,959	$ 1,460,348
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	-	$ -	$ -	$ -	$ -	$ -	$ -
7	Sub-Total E(m)	(4) + (5) - (6)		$ 2,501,133	$ 3,859,341	$ 3,805,072	$ 4,491,112	$ 3,468,513	$ 1,829,243
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.44%	98.39%	98.21%	97.71%	97.51%	97.54%
9	Jurisdictional E(m)	(7) x (8)		$ 2,462,115	$ 3,797,206	$ 3,736,961	$ 4,388,266	$ 3,382,147	$ 1,784,244
10	Prior Period Adjustment (if necessary)	(A)	+	$ -	$ -	$ -	$ -	$ -	$ -
10.5	Commisssion Ordered Costs Includable in Rider ESM	(B)	+	$ 13,590	$ 21,195	$ -	$ 3,000	$ -	$ -
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+	$ (57,763)	$ 28,411	$ (55,123)	$ (850,512)	$ (1,023,201)	$ (472,265)
12	Revenue Collected through Base Rates		-	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)		$ 539,973	$ 1,968,843	$ 1,803,868	$ 1,662,784	$ 480,977	$ (565,990)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)		$ 39,018	$ 62,135	$ 68,111	$ 102,846	$ 86,366	$ 44,999
15	Revenues as a Percentage of 12 Month Average Total Revenues								
16	Residential	ES Form 3.00		43.04%	42.83%	42.48%	42.79%	43.18%	43.05%
17	Non-Residential	ES Form 3.00		56.96%	57.17%	57.52%	57.21%	56.82%	56.95%
18	Adjusted Net Jurisdictional E(m) - Allocated								
19	Residential	(13) * (16)		$ 232,404	$ 843,255	$ 766,283	$ 711,505	$ 207,686	$ (243,659)
20	Non-Residential	(13) * (17)		$ 307,569	$ 1,125,588	$ 1,037,585	$ 951,279	$ 273,291	$ (322,331)
21	R(m)								
22	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00		$ 15,605,359	$ 15,518,335	$ 15,448,879	$ 15,593,241	$ 16,142,107	$ 16,423,464
23	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,157,563	$ 13,159,076	$ 13,386,053	$ 13,507,554	$ 13,832,101	$ 14,284,427
24	Environmental Surcharge Billing Factor								
25	Residential	(19) / (22)		1.49%	5.43%	4.96%	4.56%	1.29%	-1.48%
26	Non-Residential	(20) / (23)		2.34%	8.55%	7.75%	7.04%	1.98%	-2.26%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expenses for review of Limestone CPCN Case No.'s 2024-00152 and 2025-00002

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

Summary of Environmental Compliance Plans

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recover	Source		Expense Month: October 2025	November 2025	December 2025	January 2026	February 2026	March 2026
1	Environmental Compliance Rate Base (RB)	ES Form 2.00		$ 49,945,725	$ 49,712,951	$ 49,480,138	$ 49,244,365	$ 49,015,391	$ 48,786,435
2	RB ÷ 12 months	(1) ÷ 12		$ 4,162,144	$ 4,142,746	$ 4,123,345	$ 4,103,697	$ 4,084,616	$ 4,065,536
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%	9.102%	9.102%	9.102%	9.102%	9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)		$ 378,838	$ 377,073	$ 375,307	$ 373,519	$ 371,782	$ 370,045
5	Environmental Operating Expenses (OE)	ES Form 2.00	+	$ 880,965	$ 2,341,720	$ 3,184,705	$ 2,740,962	$ 2,131,742	$ 2,686,575
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	-	$ -	$ -	$ -	$ -	$ -	$ -
7	Sub-Total E(m)	(4) + (5) - (6)		$ 1,259,803	$ 2,718,793	$ 3,560,012	$ 3,114,481	$ 2,503,524	$ 3,056,620
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.57%	97.40%	97.13%	96.20%	95.29%	95.00%
9	Jurisdictional E(m)	(7) x (8)		$ 1,229,190	$ 2,648,104	$ 3,457,840	$ 2,996,131	$ 2,385,608	$ 2,903,789
10	Prior Period Adjustment (if necessary)	(A)	+	$ -	$ -	$ -	$ -	$ -	$ -
10.5	Commisssion Ordered Costs Includable in Rider ESM	(B)	+	$ -	$ -	$ -	$ -	$ -	$ -
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+	$ (114,289)	$ 370,963	$ 71,163	$ (223,650)	$ (340,031)	$ (56,388)
12	Revenue Collected through Base Rates		-	$ 1,877,969	$ 1,877,969	$ 1,877,969	$ 3,002,082	$ 3,002,082	$ 3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)		$ (763,068)	$ 1,141,098	$ 1,651,033	$ (229,601)	$ (956,505)	$ (154,681)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)		$ 30,613	$ 70,689	$ 102,172	$ 118,350	$ 117,916	$ 152,831
15	Revenues as a Percentage of 12 Month Average Total Revenues								
16	Residential	ES Form 3.00		43.04%	43.03%	43.38%	43.24%	43.46%	43.25%
17	Non-Residential	ES Form 3.00		56.96%	56.97%	56.62%	56.76%	56.54%	56.75%
18	Adjusted Net Jurisdictional E(m) - Allocated								
19	Residential	(13) * (16)		$ (328,425)	$ 491,014	$ 716,218	$ (99,280)	$ (415,697)	$ (66,900)
20	Non-Residential	(13) * (17)		$ (434,643)	$ 650,084	$ 934,815	$ (130,321)	$ (540,808)	$ (87,781)
21	R(m)								
22	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00		$ 16,631,512	$ 16,509,432	$ 16,934,555	$ 16,971,703	$ 17,182,690	$ 16,980,801
23	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,505,733	$ 14,276,292	$ 14,379,759	$ 14,524,512	$ 14,673,856	$ 14,743,242
24	Environmental Surcharge Billing Factor								
25	Residential	(19) / (22)		-1.97%	2.97%	4.23%	-0.58%	-2.42%	-0.39%
26	Non-Residential	(20) / (23)		-3.00%	4.55%	6.50%	-0.90%	-3.69%	-0.60%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

Summary of Environmental Compliance Plans

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recover	Source		Expense Month April 2026	Expense Month May 2026
1	Environmental Compliance Rate Base (RB)	ES Form 2.00		$ 48,557,482	$ 48,328,525
2	RB ÷ 12 months	(1) ÷ 12		$ 4,046,457	$ 4,027,377
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%	9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)		$ 368,309	$ 366,572
5	Environmental Operating Expenses (OE)	ES Form 2.00	+	$ 2,046,185	$ 2,416,444
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	-	$ -	$ -
7	Sub-Total E(m)	(4) + (5) - (6)		$ 2,414,494	$ 2,783,016
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		94.18%	93.69%
9	Jurisdictional E(m)	(7) x (8)		$ 2,273,970	$ 2,607,408
10	Prior Period Adjustment (if necessary)	(A)	+	$ -	$ -
10.5	Commisssion Ordered Costs Includable in Rider ESM	(B)	+	$ -	$ -
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+	$ (23,759)	$ 11,758
12	Revenue Collected through Base Rates		-	$ 3,002,082	$ 3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)		$ (751,871)	$ (382,916)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)		$ 140,524	$ 175,608
15	Revenues as a Percentage of 12 Month Average Total Revenues				
16	Residential	ES Form 3.00		43.33%	43.37%
17	Non-Residential	ES Form 3.00		56.67%	56.63%
18	Adjusted Net Jurisdictional E(m) - Allocated				
19	Residential	(13) * (16)		$ (325,786)	$ (166,071)
20	Non-Residential	(13) * (17)		$ (426,085)	$ (216,845)
21	R(m)				
22	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00		$ 17,073,572	$ 17,106,261
23	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,805,055	$ 14,812,195
24	Environmental Surcharge Billing Factor				
25	Residential	(19) / (22)		-1.91%	-0.97%
26	Non-Residential	(20) / (23)		-2.88%	-1.46%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expenses for review of Limestone CPCN Case No.'s 2024-00152 and 2025-00002

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of April 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	53,976,034
2	RB ÷ 12 months	(1) ÷ 12	$	4,498,003
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	396,814
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,516,358
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,913,172
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.26%
9	Jurisdictional E(m)	(7) x (8)	$	2,862,483
10	Prior Period Adjustment (if necessary)	(A)	+	
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(92,740)
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	2,769,743
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	50,689

Calculation of Environmental Surcharge Billing Factors

				Residential (Total Revenue)		Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00		41.23%		58.77%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$	1,141,965	$	1,627,778
16	**R(m)**					
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$	13,967,211		
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00			$	12,448,078
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)		8.18%		13.08%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$	33,879,561	98.26%
19	Sales for Resale	Company Records	$	600,191	1.74%
20	Total Revenue		$	34,479,752	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of April 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,141,965
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	13,967,211
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		8.18%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,627,778
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	12,448,078
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		13.08%

Effective Date for Billing: June 3, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: May 24, 2024

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of April 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,956
6	Subtotal		$ 17,956
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 8,037,560
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,436,637
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 13,474,197
12	Environmental Compliance Rate Base		$ 53,976,034
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 62,410
16	Monthly Amortization Expense	ES Form 2.20	$ 631,307
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 68
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,596,676
19	Total Environmental Compliance Operating Expense		$ 2,516,358
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 2,987,883
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		3,080,623
27	(Over) / Under Recovery		$ (92,740)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of April 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of April-24	Accumulated Depreciation as of April-24	Net Plant in-Service as of April-24	CWIP Excluding AFUDC as of April-24	Accumulated Deferred ITC as of April-24	Accumulated Deferred Tax Balance as of April-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,390,214	$ 8,934,374	$ -	$ -	$ 1,333,184	$ 34,587	$ 9,388
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,110,097	$ 9,170,629	$ -	$ -	$ 504,849	$ 34,440	$ 9,636
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 3,773,002	$ 26,109,377	$ -	$ -	$ 2,984,140	$ 100,106	$ 27,435
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 1,764,247	$ 15,180,335	$ -	$ -	$ 614,464	$ 56,764	$ 15,951
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 8,037,560	$ 59,394,715	$ -	$ -	$ 5,436,637	$ 225,897	$ 62,410

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	-	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	-	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	-	-	-	-	(202,486)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	-	-	-	-	(202,486)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	-	-	-	-	(202,486)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	-	-	-	(202,486)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	-	-	-	(202,486)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 38,481,935	$ (38,481,935)	$ 2,629,139	$ (2,629,140)	$ (65,409,395)

Monthly Amortization Amount $ (631,307)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending April 2024

Total SO_2 and NOx Emission Allowances										
	Beginning Inventory		Allocations / Purchases		Utilized		Sold		Ending Inventory	
SO_2 Allowances - Acid Rain Program (a)										
Quantity		251,139		-		209		-		250,930
Dollars	$	16,119.73	$	-	$	12.54	$	-	$	16,107.19
$/Allowance	$	0.064186	$	-	$	0.060000	$	-	$	0.064190
NOx Allowances - Annual										
Quantity		16,497		-		501		-		15,996
Dollars	$	1,809.48	$	-	$	55.11	$	-	$	1,754.37
$/Allowance	$	0.109685	$	-	$	0.110000	$	-	$	0.109676
NOx Allowances - Seasonal										
Quantity		2,282		-		-		-		2,282
Dollars	$	94.74	$	-	$	-	$	-	$	94.74
$/Allowance	$	0.041516	$	-	$	-	$	-	$	0.041516
Total Emission Allowances										
Quantity		269,918		-		710		-		269,208
Dollars	$	18,023.95	$	-	$	67.65	$	-	$	17,956.30

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

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ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of April 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	1,541,349	1,541,349
3	Hydrated Lime	502040	55,327	55,327
4	Magnesium Hydroxide	502100	-	-
5	Total		$ 1,596,676	$ 1,596,676

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of April 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
May-23	$ 9,665,165			$ 645,062	$ 9,020,103
Jun-23	14,661,353			1,557,220	13,104,133
Jul-23	14,034,983			984,968	13,050,015
Aug-23	16,937,470			1,567,041	15,370,429
Sep-23	16,572,111			1,632,122	14,939,989
Oct-23	12,546,665			1,115,790	11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	$ 13,090,030			$ 1,124,166	$ 11,965,864
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 13,967,211
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,879,561
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					41.23%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
May-23	$ 24,917,540	$ 6,720,466	$ 3,627,194	$ 1,836,065	$ 23,081,475	$ 12,733,815
Jun-23	20,608,251	5,071,296	3,388,060	2,278,014	18,330,237	9,870,881
Jul-23	20,186,531	5,826,577	1,897,018	1,800,652	18,385,879	10,662,284
Aug-23	21,960,823	5,945,072	2,207,530	2,281,229	19,679,594	11,526,992
Sep-23	23,744,283	5,974,762	1,897,046	2,813,747	20,930,536	13,058,728
Oct-23	21,244,675	5,195,237	1,818,790	2,323,736	18,920,939	11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	$ 20,469,461	$ 4,829,870	$ 715,776	$ 1,956,457	$ 18,513,004	$ 12,967,358
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 19,912,350	$ 12,448,078
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,879,561	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					58.77%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of May 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	805,575
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	14,329,802
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		5.62%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,103,822
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	12,468,011
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		8.85%

Effective Date for Billing: July 1, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: June 20, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of May 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	53,721,156
2	RB ÷ 12 months	(1) ÷ 12	$	4,476,763
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	394,940
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	1,746,876
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,141,816
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.40%
9	Jurisdictional E(m)	(7) x (8)	$	2,107,547
10	Prior Period Adjustment (if necessary)	(A)	+	
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(198,150)
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	1,909,397
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	34,269

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00	42.19%	57.81%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$ 805,575	$ 1,103,822
16	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 14,329,802	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 12,468,011
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)	5.62%	8.85%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$ 33,964,006	98.40%
19	Sales for Resale	Company Records	$ 550,521	1.60%
20	Total Revenue		$ 34,514,527	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of May 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,928
6	Subtotal		$ 17,928
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 8,263,458
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,465,589
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 13,729,047
12	Environmental Compliance Rate Base		$ 53,721,156
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 62,172
16	Monthly Amortization Expense	ES Form 2.20	$ 579,845
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 28
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 878,934
19	Total Environmental Compliance Operating Expense		$ 1,746,876
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 3,524,881
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		3,723,031
27	(Over) / Under Recovery		$ (198,150)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of May 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of May-24	Accumulated Depreciation as of May-24	Net Plant in-Service as of May-24	CWIP Excluding AFUDC as of May-24	Accumulated Deferred ITC as of May-24	Accumulated Deferred Tax Balance as of May-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,424,801	$ 8,899,787	$ -	$ -	$ 1,355,501	$ 34,587	$ 9,352
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,144,538	$ 9,136,188	$ -	$ -	$ 507,681	$ 34,440	$ 9,600
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 3,873,108	$ 26,009,271	$ -	$ -	$ 2,981,777	$ 100,106	$ 27,329
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 1,821,011	$ 15,123,571	$ -	$ -	$ 620,630	$ 56,764	$ 15,891
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 8,263,458	$ 59,168,817	$ -	$ -	$ 5,465,589	$ 225,897	$ 62,172

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	-	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	-	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	-	-	-	-	(202,486)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	-	-	-	-	(202,486)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	-	-	-	(202,486)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	-	-	-	(202,486)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 38,859,294	$ (38,859,294)	$ 2,629,139	$ (2,629,140)	$ (65,786,754)

Monthly Amortization Amount $ (579,845)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending May 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,930	-	45	-	250,885
Dollars	$ 16,107.19	$ -	$ 2.70	$ -	$ 16,104.49
$/Allowance	$ 0.064190	$ -	$ 0.060000	$ -	$ 0.064191
NOx Allowances - Annual					
Quantity	15,996	-	134	-	15,862
Dollars	$ 1,754.37	$ -	$ 14.74	$ -	$ 1,739.63
$/Allowance	$ 0.109676	$ -	$ 0.110000	$ -	$ 0.109673
NOx Allowances - Seasonal					
Quantity	2,282	-	120	-	2,162
Dollars	$ 94.74	$ -	$ 10.64	$ -	$ 84.10
$/Allowance	$ 0.041516	$ -	$ 0.088667	$ -	$ 0.038899
Total Emission Allowances					
Quantity	269,208	-	299	-	268,909
Dollars	$ 17,956.30	$ -	$ 28.08	$ -	$ 17,928.22

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of May 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 12,032	$ 12,032
2	Lime	502040	833,743	833,743
3	Hydrated Lime	502040	19,245	19,245
4	Magnesium Hydroxide	502100	13,914	13,914
5	Total		$ 878,934	$ 878,934

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of May 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Jun-23	$ 14,661,353			$ 1,557,220	$ 13,104,133
Jul-23	14,034,983			984,968	13,050,015
Aug-23	16,937,470			1,567,041	15,370,429
Sep-23	16,572,111			1,632,122	14,939,989
Oct-23	12,546,665			1,115,790	11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	$ 14,821,026			$ 1,449,837	$ 13,371,189
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 14,329,802
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,964,006
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.19%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Jun-23	$ 20,608,251	$ 5,071,296	$ 3,388,060	$ 2,278,014	$ 18,330,237	$ 9,870,881
Jul-23	20,186,531	5,826,577	1,897,018	1,800,652	18,385,879	10,662,284
Aug-23	21,960,823	5,945,072	2,207,530	2,281,229	19,679,594	11,526,992
Sep-23	23,744,283	5,974,762	1,897,046	2,813,747	20,930,536	13,058,728
Oct-23	21,244,675	5,195,237	1,818,790	2,323,736	18,920,939	11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	$ 22,016,921	$ 5,083,826	$ 1,686,891	$ 2,273,194	$ 19,743,727	$ 12,973,010
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 19,634,204	$ 12,468,011
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,964,006	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.81%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of June 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	2,110,869
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	14,412,373
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		14.65%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	2,865,248
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	12,577,407
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		22.78%

Effective Date for Billing: August 1, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: July 22, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of June 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	53,466,263
2	RB ÷ 12 months	(1) ÷ 12	$	4,455,522
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	393,066
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	4,606,569
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	4,999,635
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.39%
9	Jurisdictional E(m)	(7) x (8)	$	4,919,141
10	Prior Period Adjustment (if necessary)	(A)	+	
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	56,976
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	4,976,117
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	80,494

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00	42.42%	57.58%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$ 2,110,869	$ 2,865,248
16	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 14,412,373	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 12,577,407
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)	14.65%	22.78%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$ 33,978,270	98.39%
19	Sales for Resale	Company Records	$ 554,934	1.61%
20	Total Revenue		$ 34,533,204	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of June 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,887
6	Subtotal		$ 17,887
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 8,489,357
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,494,542
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 13,983,899
12	Environmental Compliance Rate Base		$ 53,466,263
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,935
16	Monthly Amortization Expense	ES Form 2.20	$ 811,537
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 41
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 3,507,159
19	Total Environmental Compliance Operating Expense		$ 4,606,569
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 2,769,743
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,712,767
27	(Over) / Under Recovery		$ 56,976

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of June 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of June-24	Accumulated Depreciation as of June-24	Net Plant in-Service as of June-24	CWIP Excluding AFUDC as of June-24	Accumulated Deferred ITC as of June-24	Accumulated Deferred Tax Balance as of June-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,459,389	$ 8,865,199	$ -	$ -	$ 1,377,819	$ 34,587	$ 9,315
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,178,978	$ 9,101,748	$ -	$ -	$ 510,513	$ 34,440	$ 9,564
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 3,973,214	$ 25,909,165	$ -	$ -	$ 2,979,414	$ 100,106	$ 27,224
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 1,877,776	$ 15,066,806	$ -	$ -	$ 626,796	$ 56,764	$ 15,832
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 8,489,357	$ 58,942,918	$ -	$ -	$ 5,494,542	$ 225,897	$ 61,935

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	-	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	-	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	-	-	-	-	(202,486)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	-	-	-	(202,486)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	-	-	-	(202,486)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 39,468,345	$ (39,468,345)	$ 2,629,139	$ (2,629,140)	$ (66,395,805)

Monthly Amortization Amount $ (811,537)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending June 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,885	-	257	-	250,628
Dollars	$ 16,104.49	$ -	$ 15.42	$ -	$ 16,089.07
$/Allowance	$ 0.064191	$ -	$ 0.060000	$ -	$ 0.064195
NOx Allowances - Annual					
Quantity	15,862	-	134	-	15,728
Dollars	$ 1,739.63	$ -	$ 14.74	$ -	$ 1,724.89
$/Allowance	$ 0.109673	$ -	$ 0.110000	$ -	$ 0.109670
NOx Allowances - Seasonal					
Quantity	2,162	-	133	-	2,029
Dollars	$ 84.10	$ -	$ 11.17	$ -	$ 72.93
$/Allowance	$ 0.038899	$ -	$ 0.083985	$ -	$ 0.035944
Total Emission Allowances					
Quantity	268,909	-	524	-	268,385
Dollars	$ 17,928.22	$ -	$ 41.33	$ -	$ 17,886.89

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of June 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 81,333	$ 81,333
2	Lime	502040	3,344,961	3,344,961
3	Hydrated Lime	502040	49,748	49,748
4	Magnesium Hydroxide	502100	835	835
5	pH Control Treatment [(a)]	502100	30,282	30,282
6	Total		$ 3,507,159	$ 3,507,159

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of June 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Jul-23	$ 14,034,983			$ 984,968	$ 13,050,015
Aug-23	16,937,470			1,567,041	15,370,429
Sep-23	16,572,111			1,632,122	14,939,989
Oct-23	12,546,665			1,115,790	11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	$ 15,251,945			$ 1,156,958	$ 14,094,987
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 14,412,373
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,978,270
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.42%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Jul-23	$ 20,186,531	$ 5,826,577	$ 1,897,018	$ 1,800,652	$ 18,385,879	$ 10,662,284
Aug-23	21,960,823	5,945,072	2,207,530	2,281,229	19,679,594	11,526,992
Sep-23	23,744,283	5,974,762	1,897,046	2,813,747	20,930,536	13,058,728
Oct-23	21,244,675	5,195,237	1,818,790	2,323,736	18,920,939	11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	$ 19,066,365	$ 6,587,313	$ (260,393)	$ 1,555,809	$ 17,510,556	$ 11,183,636
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 19,565,897	$ 12,577,407
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 33,978,270	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.58%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of July 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,443,839
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	15,073,071
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		9.58%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,943,863
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	13,042,698
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		14.90%

Effective Date for Billing: September 3, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: August 23, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of July 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	53,211,368
2	RB ÷ 12 months	(1) ÷ 12	$	4,434,281
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	391,192
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,915,060
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	4,306,252
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.35%
9	Jurisdictional E(m)	(7) x (8)	$	4,235,199
10	Prior Period Adjustment (if necessary)	(A)	+	
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(847,497)
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	3,387,702
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	71,053

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00	42.62%	57.38%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$ 1,443,839	$ 1,943,863
16	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,073,071	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,042,698
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)	9.58%	14.90%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$ 35,369,210	98.35%
19	Sales for Resale	Company Records	$ 591,961	1.65%
20	Total Revenue		$ 35,961,171	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of July 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,842
6	Subtotal		$ 17,842
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 8,715,255
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,523,494
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 14,238,749
12	Environmental Compliance Rate Base		$ 53,211,368
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,698
16	Monthly Amortization Expense	ES Form 2.20	$ 774,488
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 45
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,852,932
19	Total Environmental Compliance Operating Expense		$ 3,915,060
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,909,397
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,756,894
27	(Over) / Under Recovery		$ (847,497)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of July 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of July-24	Accumulated Depreciation as of July-24	Net Plant in-Service as of July-24	CWIP Excluding AFUDC as of July-24	Accumulated Deferred ITC as of July-24	Accumulated Deferred Tax Balance as of July-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,493,976	$ 8,830,612	$ -	$ -	$ 1,400,136	$ 34,587	$ 9,279
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,213,419	$ 9,067,307	$ -	$ -	$ 513,346	$ 34,440	$ 9,528
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,073,320	$ 25,809,059	$ -	$ -	$ 2,977,050	$ 100,106	$ 27,119
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 1,934,540	$ 15,010,042	$ -	$ -	$ 632,962	$ 56,764	$ 15,772
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 8,715,255	$ 58,717,020	$ -	$ -	$ 5,523,494	$ 225,897	$ 61,698

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	-	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	-	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	-	-	-	(202,486)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	-	-	-	(202,486)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 40,040,347	$ (40,040,347)	$ 2,629,139	$ (2,629,140)	$ (66,967,807)

Monthly Amortization Amount $ (774,488)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending July 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,628	-	257	-	250,371
Dollars	$ 16,089.07	$ -	$ 15.42	$ -	$ 16,073.65
$/Allowance	$ 0.064195	$ -	$ 0.060000	$ -	$ 0.064199
NOx Allowances - Annual					
Quantity	15,728	-	156	-	15,572
Dollars	$ 1,724.89	$ -	$ 17.16	$ -	$ 1,707.73
$/Allowance	$ 0.109670	$ -	$ 0.110000	$ -	$ 0.109667
NOx Allowances - Seasonal					
Quantity	2,029	-	156	-	1,873
Dollars	$ 72.93	$ -	$ 12.28	$ -	$ 60.65
$/Allowance	$ 0.035944	$ -	$ 0.078718	$ -	$ 0.032381
Total Emission Allowances					
Quantity	268,385	-	569	-	267,816
Dollars	$ 17,886.89	$ -	$ 44.86	$ -	$ 17,842.03

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of July 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 85,246	$ 85,246
2	Lime	502040	2,636,384	2,636,384
3	Hydrated Lime	502040	131,302	131,302
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	-	-
6	Total		$ 2,852,932	$ 2,852,932

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of July 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Aug-23	$ 16,937,470			$ 1,567,041	$ 15,370,429
Sep-23	16,572,111			1,632,122	14,939,989
Oct-23	12,546,665			1,115,790	11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	$ 22,160,893			$ 1,182,501	$ 20,978,392
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,073,071
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,369,210
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.62%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Aug-23	$ 21,960,823	$ 5,945,072	$ 2,207,530	$ 2,281,229	$ 19,679,594	$ 11,526,992
Sep-23	23,744,283	5,974,762	1,897,046	2,813,747	20,930,536	13,058,728
Oct-23	21,244,675	5,195,237	1,818,790	2,323,736	18,920,939	11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	$ 28,723,175	$ 8,667,649	$ 2,235,354	$ 1,574,393	$ 27,148,782	$ 16,245,779
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,296,139	$ 13,042,698
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,369,210	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.38%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of August 2024

Residential (Total Revenue)				
Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,290,775
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	15,246,471
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		8.47%
Non-Residential (Net Revenue)				
Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,744,914
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	13,365,149
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		13.06%

Effective Date for Billing: October 1, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: September 19, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of August 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	52,956,473
2	RB ÷ 12 months	(1) ÷ 12	$	4,413,039
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	389,318
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	4,066,192
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	450,000
7	Sub-Total E(m)	(4) + (5) - (6)	$	4,005,510
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.39%
9	Jurisdictional E(m)	(7) x (8)	$	3,941,021
10	Prior Period Adjustment (if necessary)	(A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(905,332)
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	3,035,689
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	64,489

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00	42.52%	57.48%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$ 1,290,775	$ 1,744,914
16	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,246,471	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,365,149
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)	8.47%	13.06%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$ 35,858,175	98.39%
19	Sales for Resale	Company Records	$ 585,648	1.61%
20	Total Revenue		$ 36,443,823	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of August 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,796
6	Subtotal		$ 17,796
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 8,941,152
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,552,446
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 14,493,598
12	Environmental Compliance Rate Base		$ 52,956,473
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,459
16	Monthly Amortization Expense	ES Form 2.20	$ 720,754
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 46
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 3,058,036
19	Total Environmental Compliance Operating Expense		$ 4,066,192
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ 450,000
23	Total Emission Allowance Sales		$ 450,000
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 4,976,117
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		5,881,449
27	(Over) / Under Recovery		$ (905,332)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of August 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of August-24	Accumulated Depreciation as of August-24	Net Plant in-Service as of August-24	CWIP Excluding AFUDC as of August-24	Accumulated Deferred ITC as of August-24	Accumulated Deferred Tax Balance as of August-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,528,563	$ 8,796,025	$ -	$ -	$ 1,422,453	$ 34,587	$ 9,242
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,247,859	$ 9,032,867	$ -	$ -	$ 516,178	$ 34,440	$ 9,491
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,173,426	$ 25,708,953	$ -	$ -	$ 2,974,687	$ 100,106	$ 27,014
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 1,991,304	$ 14,953,278	$ -	$ -	$ 639,128	$ 56,764	$ 15,712
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 8,941,152	$ 58,491,123	$ -	$ -	$ 5,552,446	$ 225,897	$ 61,459

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	-	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	-	-	-	(202,486)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 40,558,615	$ (40,558,615)	$ 2,629,139	$ (2,629,140)	$ (67,486,075)

Monthly Amortization Amount $ (720,754)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending August 2024

Total SO_2 and NOx Emission Allowances														
	Beginning Inventory			Allocations / Purchases			Utilized			Sold			Ending Inventory	
SO_2 Allowances - Acid Rain Program (a)														
Quantity		250,371			-			125			-			250,246
Dollars	$	16,073.65		$	-		$	7.50		$	-		$	16,066.15
$/Allowance	$	0.064199		$	-		$	0.060000		$	-		$	0.064201
NOx Allowances - Annual														
Quantity		15,572			-			231			-			15,341
Dollars	$	1,707.73		$	-		$	25.41		$	-		$	1,682.32
$/Allowance	$	0.109667		$	-		$	0.110000		$	-		$	0.109662
NOx Allowances - Seasonal														
Quantity		1,873			-			140			-			1,733
Dollars	$	60.65		$	-		$	12.81		$	-		$	47.84
$/Allowance	$	0.032381		$	-		$	0.091500		$	-		$	0.027605
Total Emission Allowances														
Quantity		267,816			-			496			-			267,320
Dollars	$	17,842.03		$	-		$	45.72		$	-		$	17,796.31

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of August 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 99,841	$ 99,841
2	Lime	502040	2,867,632	2,867,632
3	Hydrated Lime	502040	90,563	90,563
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	-	-
6	Total		$ 3,058,036	$ 3,058,036

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of August 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Sep-23	$ 16,572,111			$ 1,632,122	$ 14,939,989
Oct-23	12,546,665			1,115,790	11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	$ 20,008,034			$ 2,556,799	$ 17,451,235
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,246,471
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,858,175
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.52%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Sep-23	$ 23,744,283	$ 5,974,762	$ 1,897,046	$ 2,813,747	$ 20,930,536	$ 13,058,728
Oct-23	21,244,675	5,195,237	1,818,790	2,323,736	18,920,939	11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	$ 26,791,023	$ 8,613,980	$ (544,014)	$ 3,324,650	$ 23,466,373	$ 15,396,407
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,611,704	$ 13,365,149
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,858,175	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.48%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of September 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	938,622
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	15,185,120
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		6.18%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 15	=	$	1,262,650
Jurisdictional R(m)	ES Form 1.10, Line 16	=	$	13,244,593
Environmental Surcharge Billing Factor	ES Form 1.10, Line 17	=		9.53%

Effective Date for Billing: November 1, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: October 22, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of September 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	52,701,607
2	RB ÷ 12 months	(1) ÷ 12	$	4,391,801
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	387,445
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	1,627,227
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,014,672
8	Jurisdictional Allocation Ratio for Expense Month	Line 18		98.42%
9	Jurisdictional E(m)	(7) x (8)	$	1,982,840
10	Prior Period Adjustment (if necessary)	(A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	218,432
12	Total Adjusted Jurisdictional E(m)	(9) + (10) + (11)	$	2,201,272
13	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	31,832

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
14	Revenues as a Percentage of 12 Month Average Total Revenues	ES Form 3.00	42.64%	57.36%
15	Adjusted Jurisdictional E(m) - Allocated	(12) x (14)	$ 938,622	$ 1,262,650
16	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,185,120	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,244,593
17	Jurisdictional E(m) / R(m)	(15) ÷ (16)	6.18%	9.53%

Calculation of Jurisdictional Allocation Ratio - 12 Month Average

18	Retail Revenue	ES Form 3.00	$ 35,612,417	98.42%
19	Sales for Resale	Company Records	$ 570,701	1.58%
20	Total Revenue		$ 36,183,118	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of September 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,782
6	Subtotal		$ 17,782
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 9,167,052
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,581,398
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 14,748,450
12	Environmental Compliance Rate Base		$ 52,701,607
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,223
16	Monthly Amortization Expense	ES Form 2.20	$ 640,001
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 15
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 700,091
19	Total Environmental Compliance Operating Expense		$ 1,627,227
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 3,387,702
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		3,169,270
27	(Over) / Under Recovery		$ 218,432

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of September 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of September-24	Accumulated Depreciation as of September-24	Net Plant in-Service as of September-24	CWIP Excluding AFUDC as of September-24	Accumulated Deferred ITC as of September-24	Accumulated Deferred Tax Balance as of September-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,563,151	$ 8,761,437	$ -	$ -	$ 1,444,770	$ 34,587	$ 9,206
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,282,300	$ 8,998,426	$ -	$ -	$ 519,010	$ 34,440	$ 9,455
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,273,532	$ 25,608,847	$ -	$ -	$ 2,972,324	$ 100,106	$ 26,909
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,048,069	$ 14,896,513	$ -	$ -	$ 645,294	$ 56,764	$ 15,653
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 9,167,052	$ 58,265,223	$ -	$ -	$ 5,581,398	$ 225,897	$ 61,223

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	-	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	-	-	-	(202,486)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 40,996,130	$ (40,996,130)	$ 2,629,139	$ (2,629,140)	$ (67,923,590)

Monthly Amortization Amount $ (640,001)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending September 2024

Total SO_2 and NOx Emission Allowances														
	Beginning Inventory		Allocations / Purchases			Utilized			Sold			Ending Inventory		
SO_2 Allowances - Acid Rain Program (a)														
Quantity		250,246			-			44			-			250,202
Dollars	$	16,066.15	$		-	$		2.64	$		-	$		16,063.51
$/Allowance	$	0.064201	$		-	$		0.060000	$		-	$		0.064202
NOx Allowances - Annual														
Quantity		15,341			-			59			-			15,282
Dollars	$	1,682.32	$		-	$		6.49	$		-	$		1,675.83
$/Allowance	$	0.109662	$		-	$		0.110000	$		-	$		0.109660
NOx Allowances - Seasonal														
Quantity		1,733			-			59			-			1,674
Dollars	$	47.84	$		-	$		5.40	$		-	$		42.44
$/Allowance	$	0.027605	$		-	$		0.091525	$		-	$		0.025352
Total Emission Allowances														
Quantity		267,320			-			162			-			267,158
Dollars	$	17,796.31	$		-	$		14.53	$		-	$		17,781.78

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of September 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	643,700	643,700
3	Hydrated Lime	502040	26,109	26,109
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	30,282	30,282
6	Total		$ 700,091	$ 700,091

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of September 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Oct-23	$ 12,546,665			$ 1,115,790	$ 11,430,875
Nov-23	13,393,882			1,262,807	12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	$ 15,589,349			$ 1,385,573	$ 14,203,776
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,185,120
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,612,417
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.64%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Oct-23	$ 21,244,675	$ 5,195,237	$ 1,818,790	$ 2,323,736	$ 18,920,939	$ 11,906,912
Nov-23	20,171,037	4,480,735	1,660,978	2,375,848	17,795,189	11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	$ 20,501,351	$ 7,531,250	$ (425,642)	$ 1,783,697	$ 18,717,654	$ 11,612,046
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,427,297	$ 13,244,593
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,612,417	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.36%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of October 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(160,124)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,272,540
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.05%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(214,347)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,309,527
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.61%

Effective Date for Billing: December 2, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: November 22, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of October 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	52,446,749
2	RB ÷ 12 months	(1) ÷ 12	$	4,370,562
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	385,571
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	845,212
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	1,230,783
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.43%
9	Jurisdictional E(m)	(7) x (8)	$	1,211,460
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	17,325
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	274,713
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	(374,471)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	19,323

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.76%	57.24%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (160,124)	$ (214,347)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM	ES Form 3.00	$ 15,272,540	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,309,527
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-1.05%	-1.61%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 35,715,424	98.43%
20	Sales for Resale	Company Records	$ 570,994	1.57%
21	Total Revenue	(19) + (20)	$ 36,286,418	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2024-00152.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of October 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,775
6	Subtotal		$ 17,775
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 9,392,949
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,610,352
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,003,301
12	Environmental Compliance Rate Base		$ 52,446,749
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,986
16	Monthly Amortization Expense	ES Form 2.20	$ 558,322
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 7
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ -
19	Total Environmental Compliance Operating Expense		$ 845,212
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 3,035,689
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,760,976
27	(Over) / Under Recovery		$ 274,713

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of October 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of October-24	Accumulated Depreciation as of October-24	Net Plant in-Service as of October-24	CWIP Excluding AFUDC as of October-24	Accumulated Deferred ITC as of October-24	Accumulated Deferred Tax Balance as of October-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,597,738	$ 8,726,850	$ -	$ -	$ 1,467,087	$ 34,587	$ 9,170
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,316,740	$ 8,963,986	$ -	$ -	$ 521,843	$ 34,440	$ 9,419
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,373,638	$ 25,508,741	$ -	$ -	$ 2,969,961	$ 100,106	$ 26,804
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,104,833	$ 14,839,749	$ -	$ -	$ 651,461	$ 56,764	$ 15,593
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 9,392,949	$ 58,039,326	$ -	$ -	$ 5,610,352	$ 225,897	$ 60,986

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	-	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ -	$ -	$ -	$ (202,486)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 41,351,966	$ (41,351,966)	$ 2,629,139	$ (2,629,140)	$ (68,279,426)

Monthly Amortization Amount $ (558,322)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending October 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,202	-	-	-	250,202
Dollars	$ 16,063.51	$ -	$ -	$ -	$ 16,063.51
$/Allowance	$ 0.064202	$ -	$ -	$ -	$ 0.064202
NOx Allowances - Annual					
Quantity	15,282	-	60	-	15,222
Dollars	$ 1,675.83	$ -	$ 6.60	$ -	$ 1,669.23
$/Allowance	$ 0.109660	$ -	$ 0.110000	$ -	$ 0.109659
NOx Allowances - Seasonal					
Quantity	1,674	-	2	-	1,672
Dollars	$ 42.44	$ -	$ 0.18	$ -	$ 42.26
$/Allowance	$ 0.025352	$ -	$ 0.090000	$ -	$ 0.025275
Total Emission Allowances					
Quantity	267,158	-	62	-	267,096
Dollars	$ 17,781.78	$ -	$ 6.78	$ -	$ 17,775.00

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of October 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	-	-
3	Hydrated Lime	502040	-	-
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	-	-
6	Total		$ -	$ -

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of October 2024

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Nov-23	$ 13,393,882			$ 1,262,807	$ 12,131,075
Dec-23	16,774,795			980,273	15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	$ 13,558,166			$ 1,078,260	$ 12,479,906
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,272,540
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,715,424
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.76%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Nov-23	$ 20,171,037	$ 4,480,735	$ 1,660,978	$ 2,375,848	$ 17,795,189	$ 11,653,476
Dec-23	22,786,966	5,026,450	2,132,149	1,760,752	21,026,214	13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	$ 20,790,697	$ 6,516,212	$ (94,360)	$ 1,682,716	$ 19,107,981	$ 12,686,129
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,442,884	$ 13,309,527
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,715,424	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.24%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of November 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	480,803
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,201,846
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		3.16%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	651,032
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,430,267
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		4.85%

Effective Date for Billing: January 2, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: December 19, 2024

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of November 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	52,191,867
2	RB ÷ 12 months	(1) ÷ 12	$	4,349,322
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	383,697
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,478,898
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,862,595
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.51%
9	Jurisdictional E(m)	(7) x (8)	$	2,819,942
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM		+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	189,862
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,131,835
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	42,653

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.48%	57.52%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 480,803	$ 651,032
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM	ES Form 3.00	$ 15,201,846	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,430,267
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	3.16%	4.85%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 35,787,073	98.51%
20	Sales for Resale	Company Records	$ 541,795	1.49%
21	Total Revenue	(19) + (20)	$ 36,328,868	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of November 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,742
6	Subtotal		$ 17,742
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 9,618,846
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,639,304
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,258,150
12	Environmental Compliance Rate Base		$ 52,191,867
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,747
16	Monthly Amortization Expense	ES Form 2.20	$ 604,197
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 33
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,588,024
19	Total Environmental Compliance Operating Expense		$ 2,478,898
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 2,201,272
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,011,410
27	(Over) / Under Recovery		$ 189,862

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of November 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of November-24	Accumulated Depreciation as of November-24	Net Plant in-Service as of November-24	CWIP Excluding AFUDC as of November-24	Accumulated Deferred ITC as of November-24	Accumulated Deferred Tax Balance as of November-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,632,325	$ 8,692,263	$ -	$ -	$ 1,489,404	$ 34,587	$ 9,133
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,351,180	$ 8,929,546	$ -	$ -	$ 524,675	$ 34,440	$ 9,383
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,473,744	$ 25,408,635	$ -	$ -	$ 2,967,598	$ 100,106	$ 26,698
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,161,597	$ 14,782,985	$ -	$ -	$ 657,627	$ 56,764	$ 15,533
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 9,618,846	$ 57,813,429	$ -	$ -	$ 5,639,304	$ 225,897	$ 60,747

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	-	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ -	$ -	$ -	$ (202,486)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 41,753,677	$ (41,753,677)	$ 2,629,139	$ (2,629,140)	$ (68,681,137)

Monthly Amortization Amount $ (604,197)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending November 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,202	-	86	-	250,116
Dollars	$ 16,063.51	$ -	$ 5.16	$ -	$ 16,058.35
$/Allowance	$ 0.064202	$ -	$ 0.060000	$ -	$ 0.064204
NOx Allowances - Annual					
Quantity	15,222	-	254	-	14,968
Dollars	$ 1,669.23	$ -	$ 27.94	$ -	$ 1,641.29
$/Allowance	$ 0.109659	$ -	$ 0.110000	$ -	$ 0.109653
NOx Allowances - Seasonal					
Quantity	1,672	-	-	-	1,672
Dollars	$ 42.26	$ -	$ -	$ -	$ 42.26
$/Allowance	$ 0.025275	$ -	$ -	$ -	$ 0.025275
Total Emission Allowances					
Quantity	267,096	-	340	-	266,756
Dollars	$ 17,775.00	$ -	$ 33.10	$ -	$ 17,741.90

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of November 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 27,062	$ 27,062
2	Lime	502040	1,541,744	1,541,744
3	Hydrated Lime	502040	19,218	19,218
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	-	-
6	Total		$ 1,588,024	$ 1,588,024

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae’s growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of November 2024

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Dec-23	$ 16,774,795			$ 980,273	$ 15,794,522
Jan-24	22,305,667			2,130,498	20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	$ 11,983,827			$ 701,074	$ 11,282,753

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 15,201,846
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 35,787,073
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	42.48%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Dec-23	$ 22,786,966	$ 5,026,450	$ 2,132,149	$ 1,760,752	$ 21,026,214	$ 13,867,615
Jan-24	23,656,174	5,000,272	2,785,970	2,495,370	21,160,804	13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	$ 20,813,647	$ 6,690,917	$ (289,956)	$ 1,310,336	$ 19,503,311	$ 13,102,350

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 20,585,227	$ 13,430,267
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 35,787,073	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	57.52%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of December 2024

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	777,259
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,045,684
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		5.17%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	1,056,330
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,312,182
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		7.94%

Effective Date for Billing: February 3, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: January 24, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of December 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,936,958
2	RB ÷ 12 months	(1) ÷ 12	$	4,328,080
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	381,823
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,424,947
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,806,770
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.66%
9	Jurisdictional E(m)	(7) x (8)	$	3,755,759
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	82,290
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(126,490)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,833,589
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	51,011

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.39%	57.61%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 777,259	$ 1,056,330
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,045,684	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,312,182
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	5.17%	7.94%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 35,497,635	98.66%
20	Sales for Resale	Company Records	$ 483,178	1.34%
21	Total Revenue	(19) + (20)	$ 35,980,813	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2024-00152.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of December 2024

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,685
6	Subtotal		$ 17,685
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 9,844,746
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,668,256
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,513,002
12	Environmental Compliance Rate Base		$ 51,936,958
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,511
16	Monthly Amortization Expense	ES Form 2.20	$ 562,261
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 57
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,576,221
19	Total Environmental Compliance Operating Expense		$ 3,424,947
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (374,471)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(247,981)
27	(Over) / Under Recovery		$ (126,490)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of December 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of December-24	Accumulated Depreciation as of December-24	Net Plant in-Service as of December-24	CWIP Excluding AFUDC as of December-24	Accumulated Deferred ITC as of December-24	Accumulated Deferred Tax Balance as of December-24	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,666,913	$ 8,657,675	$ -	$ -	$ 1,511,721	$ 34,587	$ 9,097
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,385,621	$ 8,895,105	$ -	$ -	$ 527,507	$ 34,440	$ 9,347
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,573,850	$ 25,308,529	$ -	$ -	$ 2,965,235	$ 100,106	$ 26,593
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,218,362	$ 14,726,220	$ -	$ -	$ 663,793	$ 56,764	$ 15,474
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 9,844,746	$ 57,587,529	$ -	$ -	$ 5,668,256	$ 225,897	$ 60,511

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ -	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2024

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	-	-	-	(202,486)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 42,113,452	$ (42,113,452)	$ 2,629,139	$ (2,629,140)	$ (69,040,912)

Monthly Amortization Amount $ (562,261)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending December 2024

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	250,116	-	163	-	249,953
Dollars	$ 16,058.35	$ -	$ 9.78	$ -	$ 16,048.57
$/Allowance	$ 0.064204	$ -	$ 0.060000	$ -	$ 0.064206
NOx Allowances - Annual					
Quantity	14,968	-	432	-	14,536
Dollars	$ 1,641.29	$ -	$ 47.52	$ -	$ 1,593.77
$/Allowance	$ 0.109653	$ -	$ 0.110000	$ -	$ 0.109643
NOx Allowances - Seasonal					
Quantity	1,672	-	-	-	1,672
Dollars	$ 42.26	$ -	$ -	$ -	$ 42.26
$/Allowance	$ 0.025275	$ -	$ -	$ -	$ 0.025275
Total Emission Allowances					
Quantity	266,756	-	595	-	266,161
Dollars	$ 17,741.90	$ -	$ 57.30	$ -	$ 17,684.60

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of December 2024

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 14,082	$ 14,082
2	Lime	502040	2,538,293	2,538,293
3	Hydrated Lime	502040	23,846	23,846
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment [(a)]	502100	-	-
6	Total		$ 2,576,221	$ 2,576,221

Note (a): Beginning with the expense month of June 2024, Duke Energy has noted a change on ES FORM 2.50 to add a line for pH control treatment. To comply with the EPA's Coal Combustion Residual (CCR) rule passed in 2015, East Bend Station removed all CCR material from the onsite ash ponds and lined those basins. The discharge of those basins has remained within the National Pollutant Discharge Elimination System (NPDES) permitted outfall for the station. Part of the NPDES permit requires East Bend to maintain an outfall effluent pH between 6.0-9.0. Algae growth has increased since the time the basins were lined, specifically during the warm weather months. The algae growth has caused the pH of the basin to increase during this time, pushing the pH to the upper limit of the NPDES permit. East Bend has begun adding a pH control treatment to the basin to maintain the pH within the permitted limits. The pH control treatment blocks the sunlight into the basin, restricting the algae's growth. The reduction in algae growth helps maintain a lower pH in the basin.

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of December 2024

ESM + Base

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Jan-24	$ 22,305,667			$ 2,130,498	$ 20,175,169
Feb-24	19,388,069			2,317,486	17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	$ 16,310,679			2,390,101	$ 13,920,578
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,045,684
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,497,635
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.39%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Jan-24	$ 23,656,174	$ 5,000,272	$ 2,785,970	$ 2,495,370	$ 21,160,804	$ 13,374,562
Feb-24	24,441,168	5,316,471	1,359,458	3,308,317	21,132,851	14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	$ 6,460,309	$ 515,996	1,117,856	$ 19,426,898	$ 12,450,593
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,451,951	$ 13,312,182
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,497,635	

Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	57.61%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of January 2025

Residential (Total Revenue)				
Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	852,270
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,134,621
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		5.63%
Non-Residential (Net Revenue)				
Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	1,152,598
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,289,422
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		8.67%

Effective Date for Billing: March 3, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: February 21, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of January 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,983,384
2	RB ÷ 12 months	(1) ÷ 12	$	4,331,949
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	382,165
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,710,162
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	4,092,327
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.71%
9	Jurisdictional E(m)	(7) x (8)	$	4,039,536
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	25,260
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(181,958)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	2,004,868
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	52,791

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.51%	57.49%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 852,270	$ 1,152,598
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,134,621	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,289,422
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	5.63%	8.67%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 35,604,452	98.71%
20	Sales for Resale	Company Records	$ 464,939	1.29%
21	Total Revenue	(19) + (20)	$ 36,069,391	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2024-00152.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of January 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,613
6	Subtotal		$ 17,613
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 10,070,643
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,395,861
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,466,504
12	Environmental Compliance Rate Base		$ 51,983,384
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 62,677
16	Monthly Amortization Expense	ES Form 2.20	$ 573,178
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 72
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,848,338
19	Total Environmental Compliance Operating Expense		$ 3,710,162
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,131,835
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,313,793
27	(Over) / Under Recovery		$ (181,958)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of January 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of January-25	Accumulated Depreciation as of January-25	Net Plant in-Service as of January-25	CWIP Excluding AFUDC as of January-25	Accumulated Deferred ITC as of January-25	Accumulated Deferred Tax Balance as of January-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,701,500	$ 8,623,088	$ -	$ -	$ 1,236,767	$ 34,587	$ 9,422
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,420,061	$ 8,860,665	$ -	$ -	$ 529,482	$ 34,440	$ 9,682
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,673,956	$ 25,208,423	$ -	$ -	$ 2,961,175	$ 100,106	$ 27,544
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,275,126	$ 14,669,456	$ -	$ -	$ 668,437	$ 56,764	$ 16,029
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 10,070,643	$ 57,361,632	$ -	$ -	$ 5,395,861	$ 225,897	$ 62,677

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ -	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	-	-	-	(202,486)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 42,484,144	$ (42,484,144)	$ 2,629,139	$ (2,629,140)	$ (69,411,604)

Monthly Amortization Amount $ (573,178)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending January 2025

Total SO_2 and NOx Emission Allowances										
	Beginning Inventory		Allocations / Purchases (b)		Utilized		Sold		Ending Inventory	
SO_2 Allowances - Acid Rain Program (a)										
Quantity		249,953		25,041		204		-		274,790
Dollars	$	16,048.57	$	-	$	12.24	$	-	$	16,036.33
$/Allowance	$	0.064206	$	-	$	0.060000	$	-	$	0.058358
NOx Allowances - Annual										
Quantity		14,536		3,292		662		-		17,166
Dollars	$	1,593.77	$	-	$	59.58	$	-	$	1,534.19
$/Allowance	$	0.109643	$	-	$	0.090000	$	-	$	0.089374
NOx Allowances - Seasonal										
Quantity		1,672		1,061		-		-		2,733
Dollars	$	42.26	$	-	$	-	$	-	$	42.26
$/Allowance	$	0.025275	$	-	$	-	$	-	$	0.015463
Total Emission Allowances										
Quantity		266,161		29,394		866		-		294,689
Dollars	$	17,684.60	$	-	$	71.82	$	-	$	17,612.78

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

(b) Note: Annual allowances allocated from the EPA to Duke Energy Kentucky at no cost.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of January 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	2,772,091	2,772,091
3	Hydrated Lime	502040	76,247	76,247
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 2,848,338	$ 2,848,338

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of January 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Feb-24	$ 19,388,069			$ 2,317,486	$ 17,070,583
Mar-24	14,148,566			594,789	13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	$ 22,948,277			1,705,867	$ 21,242,410
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,134,621
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,604,452
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.51%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Feb-24	$ 24,441,168	$ 5,316,471	$ 1,359,458	$ 3,308,317	$ 21,132,851	$ 14,456,922
Mar-24	21,122,873	4,924,414	1,769,670	1,131,401	19,991,472	13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	$ 22,861,257	$ 6,782,470	$ 1,491,444	1,485,895	$ 21,375,362	$ 13,101,448
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,469,831	$ 13,289,422
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,604,452	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.49%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of February 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	514,059
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,274,562
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		3.37%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	686,171
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,145,446
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		5.22%

Effective Date for Billing: April 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: March 21, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of February 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,757,752
2	RB ÷ 12 months	(1) ÷ 12	$	4,313,146
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	380,506
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,980,353
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,360,859
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.59%
9	Jurisdictional E(m)	(7) x (8)	$	3,313,471
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM		+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(235,272)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,200,230
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	47,388

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.83%	57.17%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 514,059	$ 686,171
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM	ES Form 3.00	$ 15,274,562	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,145,446
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	3.37%	5.22%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 35,660,218	98.59%
20	Sales for Resale	Company Records	$ 511,613	1.41%
21	Total Revenue	(19) + (20)	$ 36,171,831	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of February 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,556
6	Subtotal		$ 17,556
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 10,296,541
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,395,538
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,692,079
12	Environmental Compliance Rate Base		$ 51,757,752
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 62,430
16	Monthly Amortization Expense	ES Form 2.20	$ 320,170
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 56
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,371,800
19	Total Environmental Compliance Operating Expense		$ 2,980,353
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,833,589
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,068,861
27	(Over) / Under Recovery		$ (235,272)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of February 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of February-25	Accumulated Depreciation as of February-25	Net Plant in-Service as of February-25	CWIP Excluding AFUDC as of February-25	Accumulated Deferred ITC as of February-25	Accumulated Deferred Tax Balance as of February-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,736,087	$ 8,588,501	$ -	$ -	$ 1,233,885	$ 34,587	$ 9,384
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,454,502	$ 8,826,224	$ -	$ -	$ 531,457	$ 34,440	$ 9,644
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,774,062	$ 25,108,317	$ -	$ -	$ 2,957,115	$ 100,106	$ 27,435
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,331,890	$ 14,612,692	$ -	$ -	$ 673,081	$ 56,764	$ 15,967
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 10,296,541	$ 57,135,734	$ -	$ -	$ 5,395,538	$ 225,897	$ 62,430

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	-	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	-	-	-	(202,486)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 42,601,828	$ (42,601,828)	$ 2,629,139	$ (2,629,140)	$ (69,529,288)

Monthly Amortization Amount $ (320,170)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending February 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	274,790	-	199	-	274,591
Dollars	$ 16,036.33	$ -	$ 11.94	$ -	$ 16,024.39
$/Allowance	$ 0.058358	$ -	$ 0.060000	$ -	$ 0.058357
NOx Allowances - Annual					
Quantity	17,166	-	494	-	16,672
Dollars	$ 1,534.19	$ -	$ 44.46	$ -	$ 1,489.73
$/Allowance	$ 0.089374	$ -	$ 0.090000	$ -	$ 0.089355
NOx Allowances - Seasonal					
Quantity	2,733	-	-	-	2,733
Dollars	$ 42.26	$ -	$ -	$ -	$ 42.26
$/Allowance	$ 0.015463	$ -	$ -	$ -	$ 0.015463
Total Emission Allowances					
Quantity	294,689	-	693	-	293,996
Dollars	$ 17,612.78	$ -	$ 56.40	$ -	$ 17,556.38

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of February 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	2,281,582	2,281,582
3	Hydrated Lime	502040	90,218	90,218
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 2,371,800	$ 2,371,800

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of February 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Mar-24	$ 14,148,566			$ 594,789	$ 13,553,777
Apr-24	13,090,030			1,124,166	11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	$ 20,691,407			1,941,534	$ 18,749,873
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,274,562
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,660,218
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.83%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Mar-24	$ 21,122,873	$ 4,924,414	$ 1,769,670	$ 1,131,401	$ 19,991,472	$ 13,297,388
Apr-24	20,469,461	4,829,870	715,776	1,956,457	18,513,004	12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	$ 22,128,048	$ 6,728,285	$ 665,261	2,005,297	$ 20,122,751	$ 12,729,205
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,385,656	$ 13,145,446
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 35,660,218	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.17%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of March 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	545,879
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,566,524
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		3.51%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	719,488
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,139,016
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		5.48%

Effective Date for Billing: May 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: April 21, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of March 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,532,130
2	RB ÷ 12 months	(1) ÷ 12	$	4,294,344
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	378,847
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,042,030
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,420,877
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.57%
9	Jurisdictional E(m)	(7) x (8)	$	3,371,958
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM		+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(228,622)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,265,367
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	48,919

Calculation of Environmental Surcharge Billing Factors

				Residential (Total Revenue)		Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00		43.14%		56.86%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$	545,879	$	719,488
17	**R(m)**					
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$	15,566,524		
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00			$	13,139,016
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)		3.51%		5.48%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$	36,081,632	98.57%
20	Sales for Resale	Company Records	$	522,840	1.43%
21	Total Revenue	(19) + (20)	$	36,604,472	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of March 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,512
6	Subtotal		$ 17,512
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 10,522,440
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,395,217
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 15,917,657
12	Environmental Compliance Rate Base		$ 51,532,130
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 62,184
16	Monthly Amortization Expense	ES Form 2.20	$ 835,038
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 44
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,918,867
19	Total Environmental Compliance Operating Expense		$ 3,042,030
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 2,004,868
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,233,490
27	(Over) / Under Recovery		$ (228,622)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of March 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of March-25	Accumulated Depreciation as of March-25	Net Plant in-Service as of March-25	CWIP Excluding AFUDC as of March-25	Accumulated Deferred ITC as of March-25	Accumulated Deferred Tax Balance as of March-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,770,675	$ 8,553,913	$ -	$ -	$ 1,231,004	$ 34,587	$ 9,347
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,488,942	$ 8,791,784	$ -	$ -	$ 533,432	$ 34,440	$ 9,606
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,874,168	$ 25,008,211	$ -	$ -	$ 2,953,055	$ 100,106	$ 27,326
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,388,655	$ 14,555,927	$ -	$ -	$ 677,726	$ 56,764	$ 15,905
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 10,522,440	$ 56,909,835	$ -	$ -	$ 5,395,217	$ 225,897	$ 62,184

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	-	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	-	-	-	(202,486)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 43,234,380	$ (43,234,380)	$ 2,629,139	$ (2,629,140)	$ (70,161,840)

Monthly Amortization Amount $ (835,038)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending March 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	274,591	-	184	-	274,407
Dollars	$ 16,024.39	$ -	$ 11.04	$ -	$ 16,013.35
$/Allowance	$ 0.058357	$ -	$ 0.060000	$ -	$ 0.058356
NOx Allowances - Annual					
Quantity	16,672	-	370	-	16,302
Dollars	$ 1,489.73	$ -	$ 33.30	$ -	$ 1,456.43
$/Allowance	$ 0.089355	$ -	$ 0.090000	$ -	$ 0.089341
NOx Allowances - Seasonal					
Quantity	2,733	-	-	-	2,733
Dollars	$ 42.26	$ -	$ -	$ -	$ 42.26
$/Allowance	$ 0.015463	$ -	$ -	$ -	$ 0.015463
Total Emission Allowances					
Quantity	293,996	-	554	-	293,442
Dollars	$ 17,556.38	$ -	$ 44.34	$ -	$ 17,512.04

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of March 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 3,783	$ 3,783
2	Lime	502040	1,857,709	1,857,709
3	Hydrated Lime	502040	57,375	57,375
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,918,867	$ 1,918,867

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of March 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Apr-24	$ 13,090,030			$ 1,124,166	$ 11,965,864
May-24	14,821,026			1,449,837	13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	$ 18,908,350			1,851,021	$ 17,057,329
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,566,524
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,081,632
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					43.14%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Apr-24	$ 20,469,461	$ 4,829,870	$ 715,776	$ 1,956,457	$ 18,513,004	$ 12,967,358
May-24	22,016,921	5,083,826	1,686,891	2,273,194	19,743,727	12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	$ 23,805,333	$ 6,461,047	$ 1,863,620	2,260,439	$ 21,544,894	$ 13,220,227
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,515,108	$ 13,139,016
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,081,632	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					56.86%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of April 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	232,404
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,605,359
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		1.49%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	307,569
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,157,563
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		2.34%

Effective Date for Billing: June 2, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: May 22, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of April 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,306,522
2	RB ÷ 12 months	(1) ÷ 12	$	4,275,544
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	377,188
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,123,945
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,501,133
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.44%
9	Jurisdictional E(m)	(7) x (8)	$	2,462,115
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	13,590
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(57,763)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	539,973
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	39,018

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.04%	56.96%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 232,404	$ 307,569
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,605,359	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,157,563
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	1.49%	2.34%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 36,255,512	98.44%
20	Sales for Resale	Company Records	$ 575,688	1.56%
21	Total Revenue	(19) + (20)	$ 36,831,200	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2025-00002.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of April 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,479
6	Subtotal		$ 17,479
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 10,748,338
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,394,894
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 16,143,232
12	Environmental Compliance Rate Base		$ 51,306,522
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,937
16	Monthly Amortization Expense	ES Form 2.20	$ 589,516
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 33
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,246,562
19	Total Environmental Compliance Operating Expense		$ 2,123,945
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,200,230
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,257,993
27	(Over) / Under Recovery		$ (57,763)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of April 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of April-25	Accumulated Depreciation as of April-25	Net Plant in-Service as of April-25	CWIP Excluding AFUDC as of April-25	Accumulated Deferred ITC as of April-25	Accumulated Deferred Tax Balance as of April-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,805,262	$ 8,519,326	$ -	$ -	$ 1,228,122	$ 34,587	$ 9,309
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,523,383	$ 8,757,343	$ -	$ -	$ 535,407	$ 34,440	$ 9,569
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 4,974,274	$ 24,908,105	$ -	$ -	$ 2,948,995	$ 100,106	$ 27,216
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,445,419	$ 14,499,163	$ -	$ -	$ 682,370	$ 56,764	$ 15,843
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 10,748,338	$ 56,683,937	$ -	$ -	$ 5,394,894	$ 225,897	$ 61,937

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	-	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	-	-	-	(202,486)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 43,621,410	$ (43,621,410)	$ 2,629,139	$ (2,629,140)	$ (70,548,870)

Monthly Amortization Amount $ (589,516)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending April 2025

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	274,407	-	165	-	274,242
Dollars	$ 16,013.35	$ -	$ 9.90	$ -	$ 16,003.45
$/Allowance	$ 0.058356	$ -	$ 0.060000	$ -	$ 0.058355
NOx Allowances - Annual					
Quantity	16,302	-	262	-	16,040
Dollars	$ 1,456.43	$ -	$ 23.58	$ -	$ 1,432.85
$/Allowance	$ 0.089341	$ -	$ 0.090000	$ -	$ 0.089330
NOx Allowances - Seasonal					
Quantity	2,733	-	-	-	2,733
Dollars	$ 42.26	$ -	$ -	$ -	$ 42.26
$/Allowance	$ 0.015463	$ -	$ -	$ -	$ 0.015463
Total Emission Allowances					
Quantity	293,442	-	427	-	293,015
Dollars	$ 17,512.04	$ -	$ 33.48	$ -	$ 17,478.56

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of April 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 33,026	$ 33,026
2	Lime	502040	1,160,095	1,160,095
3	Hydrated Lime	502040	53,441	53,441
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,246,562	$ 1,246,562

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of April 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
May-24	$ 14,821,026			$ 1,449,837	$ 13,371,189
Jun-24	15,251,945			1,156,958	14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	$ 13,538,623			1,106,738	$ 12,431,885
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,605,359
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,255,512
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					43.04%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
May-24	$ 22,016,921	$ 5,083,826	$ 1,686,891	$ 2,273,194	$ 19,743,727	$ 12,973,010
Jun-24	19,066,365	6,587,313	(260,393)	1,555,809	17,510,556	11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	$ 22,162,764	$ 6,675,344	$ 268,271	2,029,223	$ 20,133,541	$ 13,189,926
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,650,153	$ 13,157,563
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,255,512	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					56.96%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of May 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	843,255
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,518,335
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		5.43%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	1,125,588
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,159,076
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		8.55%

Effective Date for Billing: July 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: June 19, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of May 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	51,080,923
2	RB ÷ 12 months	(1) ÷ 12	$	4,256,744
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	375,530
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,483,811
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,859,341
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.39%
9	Jurisdictional E(m)	(7) x (8)	$	3,797,206
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	21,195
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	28,411
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,968,843
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	62,135

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.83%	57.17%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 843,255	$ 1,125,588
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,518,335	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,159,076
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	5.43%	8.55%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 36,231,848	98.39%
20	Sales for Resale	Company Records	$ 593,323	1.61%
21	Total Revenue	(19) + (20)	$ 36,825,171	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2025-00002.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of May 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,457
6	Subtotal		$ 17,457
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 10,974,237
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,394,572
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 16,368,809
12	Environmental Compliance Rate Base		$ 51,080,923
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,690
16	Monthly Amortization Expense	ES Form 2.20	$ 797,529
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 21
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,398,674
19	Total Environmental Compliance Operating Expense		$ 3,483,811
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,265,367
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,236,956
27	(Over) / Under Recovery		$ 28,411

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of May 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of May-25	Accumulated Depreciation as of May-25	Net Plant in-Service as of May-25	CWIP Excluding AFUDC as of May-25	Accumulated Deferred ITC as of May-25	Accumulated Deferred Tax Balance as of May-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,839,850	$ 8,484,738	$ -	$ -	$ 1,225,241	$ 34,587	$ 9,271
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,557,823	$ 8,722,903	$ -	$ -	$ 537,382	$ 34,440	$ 9,531
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,074,380	$ 24,807,999	$ -	$ -	$ 2,944,935	$ 100,106	$ 27,107
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,502,184	$ 14,442,398	$ -	$ -	$ 687,014	$ 56,764	$ 15,781
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 10,974,237	$ 56,458,038	$ -	$ -	$ 5,394,572	$ 225,897	$ 61,690

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Tota	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Tota	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	-	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	-	-	-	(202,486)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 44,216,453	$ (44,216,453)	$ 2,629,139	$ (2,629,140)	$ (71,143,913)

Monthly Amortization Amount $ (797,529)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month of May 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	274,242	-	81	-	274,161
Dollars	$ 16,003.45	$ -	$ 4.86	$ -	$ 15,998.59
$/Allowance	$ 0.058355	$ -	$ 0.060000	$ -	$ 0.058355
NOx Allowances - Annual					
Quantity	16,040	-	95	-	15,945
Dollars	$ 1,432.85	$ -	$ 8.55	$ -	$ 1,424.30
$/Allowance	$ 0.089330	$ -	$ 0.090000	$ -	$ 0.089326
NOx Allowances - Seasonal					
Quantity	2,733	-	95	-	2,638
Dollars	$ 42.26	$ -	$ 8.07	$ -	$ 34.19
$/Allowance	$ 0.015463	$ -	$ 0.084947	$ -	$ 0.012961
Total Emission Allowances					
Quantity	293,015	-	271	-	292,744
Dollars	$ 17,478.56	$ -	$ 21.48	$ -	$ 17,457.08

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of May 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 42,695	$ 42,695
2	Lime	502040	2,230,354	2,230,354
3	Hydrated Lime	502040	96,857	96,857
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	28,768	28,768
6	Total		$ 2,398,674	$ 2,398,674

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of May 2025

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Jun-24	$ 15,251,945			$ 1,156,958	$ 14,094,987
Jul-24	22,160,893			1,182,501	20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	$ 13,481,415			1,154,518	$ 12,326,897
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,518,335
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,231,848
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.83%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Jun-24	$ 19,066,365	$ 6,587,313	$ (260,393)	$ 1,555,809	$ 17,510,556	$ 11,183,636
Jul-24	28,723,175	8,667,649	2,235,354	1,574,393	27,148,782	16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	$ 22,464,464	$ 6,708,508	$ 804,389	1,960,407	$ 20,504,057	$ 12,991,160
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,713,513	$ 13,159,076
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,231,848	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.17%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of June 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	766,283
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,448,879
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		4.96%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	1,037,585
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,386,053
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		7.75%

Effective Date for Billing: August 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: July 22, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of June 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	50,855,311
2	RB ÷ 12 months	(1) ÷ 12	$	4,237,943
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	373,871
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,431,201
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,805,072
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		98.21%
9	Jurisdictional E(m)	(7) x (8)	$	3,736,961
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM		+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(55,123)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,803,868
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	68,111

Calculation of Environmental Surcharge Billing Factors

				Residential (Total Revenue)		Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00		42.48%		57.52%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$	766,283	$	1,037,585
17	**R(m)**					
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$	15,448,879		
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00			$	13,386,053
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)		4.96%		7.75%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$	36,369,567	98.21%
20	Sales for Resale	Company Records	$	662,067	1.79%
21	Total Revenue	(19) + (20)	$	37,031,634	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of June 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,419
6	Subtotal		$ 17,419
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 11,200,134
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,394,249
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 16,594,383
12	Environmental Compliance Rate Base		$ 50,855,311
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,443
16	Monthly Amortization Expense	ES Form 2.20	$ 644,358
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 38
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,499,465
19	Total Environmental Compliance Operating Expense		$ 3,431,201
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 539,973
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		595,096
27	(Over) / Under Recovery		$ (55,123)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of June 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of June-25	Accumulated Depreciation as of June-25	Net Plant in-Service as of June-25 (2)-(3)	CWIP Excluding AFUDC as of June-25	Accumulated Deferred ITC as of June-25	Accumulated Deferred Tax Balance as of June-25	Monthly Depreciation Expense	Monthly Property Tax Expense
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,874,437	$ 8,450,151	$ -	$ -	$ 1,222,359	$ 34,587	$ 9,233
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,592,263	$ 8,688,463	$ -	$ -	$ 539,357	$ 34,440	$ 9,494
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,174,486	$ 24,707,893	$ -	$ -	$ 2,940,875	$ 100,106	$ 26,997
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,558,948	$ 14,385,634	$ -	$ -	$ 691,658	$ 56,764	$ 15,719
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 11,200,134	$ 56,232,141	$ -	$ -	$ 5,394,249	$ 225,897	$ 61,443

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20
Page 1 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20
Page 2 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20
Page 3 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	-	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	-	-	-	(202,486)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 44,658,325	$ (44,658,325)	$ 2,629,139	$ (2,629,140)	$ (71,585,785)

Monthly Amortization Amount $ (644,358)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending June 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	274,161	-	171	-	273,990
Dollars	$ 15,998.59	$ -	$ 10.26	$ -	$ 15,988.33
$/Allowance	$ 0.058355	$ -	$ 0.060000	$ -	$ 0.058354
NOx Allowances - Annual					
Quantity	15,945	-	161	-	15,784
Dollars	$ 1,424.30	$ -	$ 14.49	$ -	$ 1,409.81
$/Allowance	$ 0.089326	$ -	$ 0.090000	$ -	$ 0.089319
NOx Allowances - Seasonal					
Quantity	2,638	-	161	-	2,477
Dollars	$ 34.19	$ -	$ 13.29	$ -	$ 20.90
$/Allowance	$ 0.012961	$ -	$ 0.082547	$ -	$ 0.008438
Total Emission Allowances					
Quantity	292,744	-	493	-	292,251
Dollars	$ 17,457.08	$ -	$ 38.04	$ -	$ 17,419.04

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of June 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 61,778	$ 61,778
2	Lime	502040	2,364,488	2,364,488
3	Hydrated Lime	502040	73,199	73,199
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 2,499,465	$ 2,499,465

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of June 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Jul-24	$ 22,160,893			$ 1,182,501	$ 20,978,392
Aug-24	20,008,034			2,556,799	17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	13,481,415			1,154,518	12,326,897
Jun-25	$ 14,130,061			868,550	$ 13,261,511
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,448,879
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,369,567
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.48%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Jul-24	$ 28,723,175	$ 8,667,649	$ 2,235,354	$ 1,574,393	$ 27,148,782	$ 16,245,779
Aug-24	26,791,023	8,613,980	(544,014)	3,324,650	23,466,373	15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,960,407	20,504,057	12,991,160
Jun-25	$ 21,601,171	$ 7,277,141	$ (1,187,847)	1,604,516	$ 19,996,655	$ 13,907,361
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,920,688	$ 13,386,053
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,369,567	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.52%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of July 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	711,505
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	15,593,241
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		4.56%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	951,279
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,507,554
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		7.04%

Effective Date for Billing: September 2, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: August 22, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of July 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	50,629,683
2	RB ÷ 12 months	(1) ÷ 12	$	4,219,140
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	372,213
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	4,118,899
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	4,491,112
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.71%
9	Jurisdictional E(m)	(7) x (8)	$	4,388,266
10	Prior Period Adjustment	Note (A)	+ $	-
10.5	Commisssion Ordered Costs Includable in Rider ESM	Note (B)	+ $	3,000
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(850,512)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (10.5) + (11) - (12)	$	1,662,784
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	102,846

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	42.79%	57.21%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 711,505	$ 951,279
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 15,593,241	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,507,554
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	4.56%	7.04%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 36,445,063	97.71%
20	Sales for Resale	Company Records	$ 852,328	2.29%
21	Total Revenue	(19) + (20)	$ 37,297,391	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.
(B) Vantage Energy Consulting, LLC expense for review of Limestone CPCN Case No. 2025-00002.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of July 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,367
6	Subtotal		$ 17,367
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 11,426,032
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,393,927
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 16,819,959
12	Environmental Compliance Rate Base		$ 50,629,683
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 61,196
16	Monthly Amortization Expense	ES Form 2.20	$ 706,789
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 52
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 3,124,965
19	Total Environmental Compliance Operating Expense		$ 4,118,899
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,968,843
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,819,355
27	(Over) / Under Recovery		$ (850,512)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of July 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of July-25	Accumulated Depreciation as of July-25	Net Plant in-Service as of July-25	CWIP Excluding AFUDC as of July-25	Accumulated Deferred ITC as of July-25	Accumulated Deferred Tax Balance as of July-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,909,024	$ 8,415,564	$ -	$ -	$ 1,219,478	$ 34,587	$ 9,195
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,626,704	$ 8,654,022	$ -	$ -	$ 541,332	$ 34,440	$ 9,456
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,274,592	$ 24,607,787	$ -	$ -	$ 2,936,815	$ 100,106	$ 26,888
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,615,712	$ 14,328,870	$ -	$ -	$ 696,302	$ 56,764	$ 15,657
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 11,426,032	$ 56,006,243	$ -	$ -	$ 5,393,927	$ 225,897	$ 61,196

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	Actual	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	Actual	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	Actual	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	Actual	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	Actual	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	Actual	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	Actual	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	Actual	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	Actual	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	Actual	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	Actual	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	Actual	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	Actual	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	Actual	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	Actual	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	Actual	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	Actual	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	Actual	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	Actual		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	Actual		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	Actual		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	Actual		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	Actual		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	Actual		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	Actual		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	Actual		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	Actual		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	Actual		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	Actual		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	Actual		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	Actual		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	Actual		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	Actual		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	Actual		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	Actual		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	Actual		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	Actual		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	Actual		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	Actual		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	Actual		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	Actual		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	Actual		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	Actual		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	Actual		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	Actual		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	Actual		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	Actual		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	Actual		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	Actual		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	Actual		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	-	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	-	-	-	(202,486)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 45,162,628	$ (45,162,628)	$ 2,629,139	$ (2,629,140)	$ (72,090,088)

Monthly Amortization Amount $ (706,789)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending July 2025

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,990	-	280	-	273,710
Dollars	$ 15,988.33	$ -	$ 16.80	$ -	$ 15,971.53
$/Allowance	$ 0.058354	$ -	$ 0.060000	$ -	$ 0.058352
NOx Allowances - Annual					
Quantity	15,784	-	208	-	15,576
Dollars	$ 1,409.81	$ -	$ 18.72	$ -	$ 1,391.09
$/Allowance	$ 0.089319	$ -	$ 0.090000	$ -	$ 0.089310
NOx Allowances - Seasonal					
Quantity	2,477	-	208	-	2,269
Dollars	$ 20.90	$ -	$ 16.25	$ -	$ 4.65
$/Allowance	$ 0.008438	$ -	$ 0.078125	$ -	$ 0.002049
Total Emission Allowances					
Quantity	292,251	-	696	-	291,555
Dollars	$ 17,419.04	$ -	$ 51.77	$ -	$ 17,367.27

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of July 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 79,522	$ 79,522
2	Lime	502040	2,909,460	2,909,460
3	Hydrated Lime	502040	135,983	135,983
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 3,124,965	$ 3,124,965

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of July 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Aug-24	$ 20,008,034			$ 2,556,799	$ 17,451,235
Sep-24	15,589,349			1,385,573	14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	13,481,415			1,154,518	12,326,897
Jun-25	14,130,061			868,550	13,261,511
Jul-25	$ 24,842,806			2,132,070	$ 22,710,736
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 15,593,241
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,445,063
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					42.79%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Aug-24	$ 26,791,023	$ 8,613,980	$ (544,014)	$ 3,324,650	$ 23,466,373	$ 15,396,407
Sep-24	20,501,351	7,531,250	(425,642)	1,783,697	18,717,654	11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,960,407	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,604,516	19,996,655	13,907,361
Jul-25	$ 28,887,637	$ 8,546,144	$ 72,446	2,565,255	$ 26,322,382	$ 17,703,792
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 20,851,822	$ 13,507,554
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 36,445,063	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					57.21%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of August 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	207,686
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,142,107
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		1.29%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	273,291
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	13,832,101
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		1.98%

Effective Date for Billing: October 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: September 22, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of August 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	50,404,106
2	RB ÷ 12 months	(1) ÷ 12	$	4,200,342
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	370,554
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,097,959
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,468,513
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.51%
9	Jurisdictional E(m)	(7) x (8)	$	3,382,147
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(1,023,201)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	480,977
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	86,366

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.18%	56.82%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 207,686	$ 273,291
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,142,107	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 13,832,101
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	1.29%	1.98%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 37,382,783	97.51%
20	Sales for Resale	Company Records	$ 953,170	2.49%
21	Total Revenue	(19) + (20)	$ 38,335,953	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of August 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,367
6	Subtotal		$ 17,367
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 11,651,931
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,393,605
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 17,045,536
12	Environmental Compliance Rate Base		$ 50,404,106
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,950
16	Monthly Amortization Expense	ES Form 2.20	$ 566,732
17	Monthly Emission Allowance Expense	ES Form 2.30	$ -
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,244,380
19	Total Environmental Compliance Operating Expense		$ 3,097,959
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,803,868
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,827,069
27	(Over) / Under Recovery		$ (1,023,201)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of August 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of August-25	Accumulated Depreciation as of August-25	Net Plant in-Service as of August-25	CWIP Excluding AFUDC as of August-25	Accumulated Deferred ITC as of August-25	Accumulated Deferred Tax Balance as of August-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,943,612	$ 8,380,976	$ -	$ -	$ 1,216,596	$ 34,587	$ 9,158
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,661,144	$ 8,619,582	$ -	$ -	$ 543,307	$ 34,440	$ 9,418
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,374,698	$ 24,507,681	$ -	$ -	$ 2,932,755	$ 100,106	$ 26,779
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,672,477	$ 14,272,105	$ -	$ -	$ 700,947	$ 56,764	$ 15,595
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 11,651,931	$ 55,780,344	$ -	$ -	$ 5,393,605	$ 225,897	$ 60,950

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20
Page 2 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20
Page 3 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	-	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	-	-	-	(202,486)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 45,526,874	$ (45,526,874)	$ 2,629,139	$ (2,629,140)	$ (72,454,334)

Monthly Amortization Amount $ (566,732)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month of August 2025

Total SO_2 and NOx Emission Allowances [b]	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,710	-	-	-	273,710
Dollars	$ 15,971.53	$ -	$ -	$ -	$ 15,971.53
$/Allowance	$ 0.058352	$ -	$ -	$ -	$ 0.058352
NOx Allowances - Annual					
Quantity	15,576	-	-	-	15,576
Dollars	$ 1,391.09	$ -	$ -	$ -	$ 1,391.09
$/Allowance	$ 0.089310	$ -	$ -	$ -	$ 0.089310
NOx Allowances - Seasonal					
Quantity	2,269	-	-	-	2,269
Dollars	$ 4.65	$ -	$ -	$ -	$ 4.65
$/Allowance	$ 0.002049	$ -	$ -	$ -	$ 0.002049
Total Emission Allowances					
Quantity	291,555	-	-	-	291,555
Dollars	$ 17,367.27	$ -	$ -	$ -	$ 17,367.27

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

(b) Note: August emission allowance consumption expense will be included in the September 2025 expense month.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of August 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 94,666	$ 94,666
2	Lime	502040	2,027,647	2,027,647
3	Hydrated Lime	502040	93,017	93,017
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	29,050	29,050
6	Total		$ 2,244,380	$ 2,244,380

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of August 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Sep-24	$ 15,589,349			$ 1,385,573	$ 14,203,776
Oct-24	13,558,166			1,078,260	12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	13,481,415			1,154,518	12,326,897
Jun-25	14,130,061			868,550	13,261,511
Jul-25	24,842,806			2,132,070	22,710,736
Aug-25	$ 26,093,081			2,055,452	$ 24,037,629
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 16,142,107
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 37,382,783
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					43.18%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Sep-24	$ 20,501,351	$ 7,531,250	$ (425,642)	$ 1,783,697	$ 18,717,654	$ 11,612,046
Oct-24	20,790,697	6,516,212	(94,360)	1,682,716	19,107,981	12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,960,407	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,604,516	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	2,565,255	26,322,382	17,703,792
Aug-25	$ 30,782,216	$ 8,247,291	$ 594,363	2,649,586	$ 28,132,630	$ 19,290,976
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 21,240,676	$ 13,832,101
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 37,382,783	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					56.82%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of September 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(243,659)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,423,464
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.48%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(322,331)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,284,427
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-2.26%

Effective Date for Billing: November 3, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: October 24, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of September 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	50,178,476
2	RB ÷ 12 months	(1) ÷ 12	$	4,181,540
3	Pretax Rate of Return (ROR)	ES Form 1.20		8.822%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	368,895
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	1,460,348
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	1,829,243
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.54%
9	Jurisdictional E(m)	(7) x (8)	$	1,784,244
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(472,265)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(565,990)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	44,999

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.05%	56.95%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (243,659)	$ (322,331)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,423,464	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,284,427
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-1.48%	-2.26%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 38,149,163	97.54%
20	Sales for Resale	Company Records	$ 960,340	2.46%
21	Total Revenue	(19) + (20)	$ 39,109,503	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	3.780%	4.739%	0.179%		0.179%
2	Long-term Debt	44.075%	4.377%	1.929%		1.929%
3	Common Equity	52.145%	9.650%	5.032%	1.3342383	6.714%
4	Total	100.000%		7.140%		8.822%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2022-00372. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of September 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,312
6	Subtotal		$ 17,312
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 11,877,829
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,393,282
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 17,271,111
12	Environmental Compliance Rate Base		$ 50,178,476
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 225,897
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,703
16	Monthly Amortization Expense	ES Form 2.20	$ 713,284
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 55
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 460,409
19	Total Environmental Compliance Operating Expense		$ 1,460,348
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,662,784
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,135,049
27	(Over) / Under Recovery		$ (472,265)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of September 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of September-25	Accumulated Depreciation as of September-25	Net Plant in-Service as of September-25	CWIP Excluding AFUDC as of September-25	Accumulated Deferred ITC as of September-25	Accumulated Deferred Tax Balance as of September-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 1,978,199	$ 8,346,389	$ -	$ -	$ 1,213,715	$ 34,587	$ 9,120
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,695,585	$ 8,585,141	$ -	$ -	$ 545,281	$ 34,440	$ 9,381
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,474,804	$ 24,407,575	$ -	$ -	$ 2,928,695	$ 100,106	$ 26,669
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,729,241	$ 14,215,341	$ -	$ -	$ 705,591	$ 56,764	$ 15,533
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 11,877,829	$ 55,554,446	$ -	$ -	$ 5,393,282	$ 225,897	$ 60,703

Note (a): Depreciation rate increased from 2.47% to 4.02% per Commission's Order in DEK's Electric Base Rate Case No. 2022-00372

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	-	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	-	-	-	(202,486)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 46,037,672	$ (46,037,672)	$ 2,629,139	$ (2,629,140)	$ (72,965,132)

Monthly Amortization Amount $ (713,284)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending September 2025

Total SO_2 and NOx Emission Allowances [b]	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,710	-	287	-	273,423
Dollars	$ 15,971.53	$ -	$ 17.22	$ -	$ 15,954.31
$/Allowance	$ 0.058352	$ -	$ 0.060000	$ -	$ 0.058350
NOx Allowances - Annual					
Quantity	15,576	-	231	-	15,345
Dollars	$ 1,391.09	$ -	$ 20.79	$ -	$ 1,370.30
$/Allowance	$ 0.089310	$ -	$ 0.090000	$ -	$ 0.089299
NOx Allowances - Seasonal					
Quantity	2,269	-	230	-	2,039
Dollars	$ 4.65	$ -	$ 17.27	$ -	$ (12.62)
$/Allowance	$ 0.002049	$ -	$ 0.075087	$ -	$ (0.006189)
Total Emission Allowances					
Quantity	291,555	-	748	-	290,807
Dollars	$ 17,367.27	$ -	$ 55.28	$ -	$ 17,311.99

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

(b) Note: The September 2025 expense month includes August emission allowance consumption expense.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of September 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 24,972	$ 24,972
2	Lime	502040	421,407	421,407
3	Hydrated Lime	502040	14,030	14,030
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 460,409	$ 460,409

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of September 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Oct-24	$ 13,558,166			$ 1,078,260	$ 12,479,906
Nov-24	11,983,827			701,074	11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	13,481,415			1,154,518	12,326,897
Jun-25	14,130,061			868,550	13,261,511
Jul-25	24,842,806			2,132,070	22,710,736
Aug-25	26,093,081			2,055,452	24,037,629
Sep-25	$ 19,153,523			1,573,458	$ 17,580,065
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 16,423,464
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 38,149,163
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					43.05%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Oct-24	$ 20,790,697	$ 6,516,212	$ (94,360)	$ 1,682,716	$ 19,107,981	$ 12,686,129
Nov-24	20,813,647	6,690,917	(289,956)	1,310,336	19,503,311	13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,960,407	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,604,516	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	2,565,255	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	2,649,586	28,132,630	19,290,976
Sep-25	$ 26,977,489	$ 7,552,616	$ (54,647)	2,439,560	$ 24,537,929	$ 17,039,960
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 21,725,699	$ 14,284,427
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 38,149,163	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					56.95%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of October 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(328,425)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,631,512
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.97%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(434,643)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,505,733
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-3.00%

Effective Date for Billing: December 1, 2025

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: November 21, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of October 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	49,945,725
2	RB ÷ 12 months	(1) ÷ 12	$	4,162,144
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	378,838
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	880,965
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	1,259,803
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.57%
9	Jurisdictional E(m)	(7) x (8)	$	1,229,190
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(114,289)
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(763,068)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	30,613

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.04%	56.96%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (328,425)	$ (434,643)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,631,512	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,505,733
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-1.97%	-3.00%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 38,645,578	97.57%
20	Sales for Resale	Company Records	$ 962,249	2.43%
21	Total Revenue	(19) + (20)	$ 39,607,827	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of October 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,309
6	Subtotal		$ 17,309
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 12,113,280
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,390,579
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 17,503,859
12	Environmental Compliance Rate Base		$ 49,945,725
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,451
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,444
16	Monthly Amortization Expense	ES Form 2.20	$ 580,976
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 3
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 4,091
19	Total Environmental Compliance Operating Expense		$ 880,965
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 480,977
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		595,266
27	(Over) / Under Recovery		$ (114,289)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of October 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of October-25	Accumulated Depreciation as of October-25	Net Plant in-Service as of October-25	CWIP Excluding AFUDC as of October-25	Accumulated Deferred ITC as of October-25	Accumulated Deferred Tax Balance as of October-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,014,249	$ 8,310,339	$ -	$ -	$ 1,210,469	$ 36,050	$ 9,080
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,731,482	$ 8,549,244	$ -	$ -	$ 546,893	$ 35,897	$ 9,341
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,579,143	$ 24,303,236	$ -	$ -	$ 2,923,580	$ 104,339	$ 26,555
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,788,406	$ 14,156,176	$ -	$ -	$ 709,637	$ 59,165	$ 15,468
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 12,113,280	$ 55,318,995	$ -	$ -	$ 5,390,579	$ 235,451	$ 60,444

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20
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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20
Page 3 of 3

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	-	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	-	-	-	(202,486)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 46,416,162	$ (46,416,162)	$ 2,629,139	$ (2,629,140)	$ (73,343,622)

Monthly Amortization Amount $ (580,976)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending October 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,423	-	-	-	273,423
Dollars	$ 15,954.31	$ -	$ -	$ -	$ 15,954.31
$/Allowance	$ 0.058350	$ -	$ -	$ -	$ 0.058350
NOx Allowances - Annual					
Quantity	15,345	-	35	-	15,310
Dollars	$ 1,370.30	$ -	$ 3.15	$ -	$ 1,367.15
$/Allowance	$ 0.089299	$ -	$ 0.090000	$ -	$ 0.089298
NOx Allowances - Seasonal					
Quantity	2,039	-	-	-	2,039
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.006189)	$ -	$ -	$ -	$ (0.006189)
Total Emission Allowances					
Quantity	290,807	-	35	-	290,772
Dollars	$ 17,311.99	$ -	$ 3.15	$ -	$ 17,308.84

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of October 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ -	$ -
2	Lime	502040	-	-
3	Hydrated Lime	502040	4,091	4,091
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 4,091	$ 4,091

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of October 2025

Residential - Kentucky Jurisdictional Revenues					
(1)	(2)	(3)	(4)	(5)	(6)
Month	Total Revenues			Environmental Surcharge Revenues	Total Excluding Environmental Surcharge
					(2) - (5)
Nov-24	$ 11,983,827			$ 701,074	$ 11,282,753
Dec-24	16,310,679			2,390,101	13,920,578
Jan-25	22,948,277			1,705,867	21,242,410
Feb-25	20,691,407			1,941,534	18,749,873
Mar-25	18,908,350			1,851,021	17,057,329
Apr-25	13,538,623			1,106,738	12,431,885
May-25	13,481,415			1,154,518	12,326,897
Jun-25	14,130,061			868,550	13,261,511
Jul-25	24,842,806			2,132,070	22,710,736
Aug-25	26,093,081			2,055,452	24,037,629
Sep-25	19,153,523			1,573,458	17,580,065
Oct-25	$ 15,823,896			847,417	$ 14,976,479
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 16,631,512
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 38,645,578
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					43.04%

Non-Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Environmental Surcharge Revenues	Total Excluding Environmental Surcharge	Total Non-Fuel Revenue
					(2) - (5)	(6) - (3) - (4)
Nov-24	$ 20,813,647	$ 6,690,917	$ (289,956)	$ 1,310,336	$ 19,503,311	$ 13,102,350
Dec-24	20,544,754	6,460,309	515,996	1,117,856	19,426,898	12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	1,485,895	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	2,005,297	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	2,260,439	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	2,029,223	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,960,407	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,604,516	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	2,565,255	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	2,649,586	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	2,439,560	24,537,929	17,039,960
Oct-25	$ 24,194,198	$ 7,400,883	$ (174,302)	1,625,819	$ 22,568,379	$ 15,341,798
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 22,014,066	$ 14,505,733
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month					$ 38,645,578	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month					56.96%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of November 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	491,014
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,509,432
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		2.97%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	650,084
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,276,292
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		4.55%

Effective Date for Billing: January 2, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: December 18, 2025

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of November 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	49,712,951
2	RB ÷ 12 months	(1) ÷ 12	$	4,142,746
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	377,073
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,341,720
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,718,793
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.40%
9	Jurisdictional E(m)	(7) x (8)	$	2,648,104
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	370,963
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	1,141,098
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	70,689

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.03%	56.97%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 491,014	$ 650,084
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,509,432	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,276,292
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	2.97%	4.55%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 38,366,087	97.40%
20	Sales for Resale	Company Records	$ 1,022,596	2.60%
21	Total Revenue	(19) + (20)	$ 39,388,683	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of November 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,282
6	Subtotal		$ 17,282
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 12,348,730
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,387,876
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 17,736,606
12	Environmental Compliance Rate Base		$ 49,712,951
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,451
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 60,187
16	Monthly Amortization Expense	ES Form 2.20	$ 636,570
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 27
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,409,485
19	Total Environmental Compliance Operating Expense		$ 2,341,720
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (565,990)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(936,953)
27	(Over) / Under Recovery		$ 370,963

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of November 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of November-25	Accumulated Depreciation as of November-25	Net Plant in-Service as of November-25	CWIP Excluding AFUDC as of November-25	Accumulated Deferred ITC as of November-25	Accumulated Deferred Tax Balance as of November-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,050,299	$ 8,274,289	$ -	$ -	$ 1,207,223	$ 36,050	$ 9,041
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,767,378	$ 8,513,348	$ -	$ -	$ 548,505	$ 35,897	$ 9,302
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,683,482	$ 24,198,897	$ -	$ -	$ 2,918,465	$ 104,339	$ 26,441
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,847,571	$ 14,097,011	$ -	$ -	$ 713,683	$ 59,165	$ 15,403
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 12,348,730	$ 55,083,545	$ -	$ -	$ 5,387,876	$ 235,451	$ 60,187

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	-	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	-	-	-	(202,486)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 46,850,245	$ (46,850,245)	$ 2,629,139	$ (2,629,140)	$ (73,777,705)

Monthly Amortization Amount $ (636,570)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending November 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,423	-	97	-	273,326
Dollars	$ 15,954.31	$ -	$ 5.82	$ -	$ 15,948.49
$/Allowance	$ 0.058350	$ -	$ 0.060000	$ -	$ 0.058350
NOx Allowances - Annual					
Quantity	15,310	-	234	-	15,076
Dollars	$ 1,367.15	$ -	$ 21.06	$ -	$ 1,346.09
$/Allowance	$ 0.089298	$ -	$ 0.090000	$ -	$ 0.089287
NOx Allowances - Seasonal					
Quantity	2,039	-	-	-	2,039
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.006189)	$ -	$ -	$ -	$ (0.006189)
Total Emission Allowances					
Quantity	290,772	-	331	-	290,441
Dollars	$ 17,308.84	$ -	$ 26.88	$ -	$ 17,281.96

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of November 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 28,518	$ 28,518
2	Lime	502040	1,357,999	1,357,999
3	Hydrated Lime	502040	22,968	22,968
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,409,485	$ 1,409,485

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of November 2025

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Dec-24	$ 16,310,679			$ 2,559,060	$ (168,959)	$ 13,920,578
Jan-25	22,948,277			1,003,698	702,169	21,242,410
Feb-25	20,691,407			923,815	1,017,719	18,749,873
Mar-25	18,908,350			845,481	1,005,540	17,057,329
Apr-25	13,538,623			662,769	443,969	12,431,885
May-25	13,481,415			696,052	458,466	12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	$ 10,219,641			$ 801,955	$ (400,110)	$ 9,817,796

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 16,509,432
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 38,366,087
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.03%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Dec-24	$ 20,544,754	$ 6,460,309	$ 515,996	$ 1,196,878	$ (79,022)	$ 19,426,898	$ 12,450,593
Jan-25	22,861,257	6,782,470	1,491,444	874,271	611,624	21,375,362	13,101,448
Feb-25	22,128,048	6,728,285	665,261	954,155	1,051,142	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	1,032,489	1,227,950	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	1,215,199	814,024	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,181,917	778,490	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	$ 18,153,557	$ 6,134,678	$ 1,130,655	$ 1,076,014	$ (536,843)	$ 17,614,386	$ 10,349,053

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 21,856,655	$ 14,276,292
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 38,366,087	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.97%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of December 2025

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	716,218
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,934,555
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		4.23%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	934,815
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,379,759
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		6.50%

Effective Date for Billing: February 2, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: January 23, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of December 2025

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	49,480,138
2	RB ÷ 12 months	(1) ÷ 12	$	4,123,345
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	375,307
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	3,184,705
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,560,012
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		97.13%
9	Jurisdictional E(m)	(7) x (8)	$	3,457,840
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	71,163
12	Revenue Collected through Base Rates		- $	1,877,969
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	1,651,033
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	102,172

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.38%	56.62%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ 716,218	$ 934,815
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,934,555	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,379,759
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	4.23%	6.50%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 39,039,812	97.13%
20	Sales for Resale	Company Records	$ 1,155,312	2.87%
21	Total Revenue	(19) + (20)	$ 40,195,124	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of December 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,217
6	Subtotal		$ 17,217
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 12,584,181
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,385,173
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 17,969,354
12	Environmental Compliance Rate Base		$ 49,480,138
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,451
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 59,931
16	Monthly Amortization Expense	ES Form 2.20	$ 618,832
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 64
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 2,270,427
19	Total Environmental Compliance Operating Expense		$ 3,184,705
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (763,068)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(834,231)
27	(Over) / Under Recovery		$ 71,163

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of December 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of December-25	Accumulated Depreciation as of December-25	Net Plant in-Service as of December-25	CWIP Excluding AFUDC as of December-25	Accumulated Deferred ITC as of December-25	Accumulated Deferred Tax Balance as of December-25	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,086,349	$ 8,238,239	$ -	$ -	$ 1,203,977	$ 36,050	$ 9,002
2	EB020745 Lined Retention Basin East	$ 10,280,726	$ 1,803,275	$ 8,477,451	$ -	$ -	$ 550,117	$ 35,897	$ 9,263
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,787,822	$ 24,094,557	$ -	$ -	$ 2,913,350	$ 104,339	$ 26,327
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,906,735	$ 14,037,847	$ -	$ -	$ 717,729	$ 59,165	$ 15,339
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,432,275	$ 12,584,181	$ 54,848,094	$ -	$ -	$ 5,385,173	$ 235,451	$ 59,931

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of December 2025

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	-	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	-	-	-	(202,486)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 47,266,592	$ (47,266,592)	$ 2,629,139	$ (2,629,140)	$ (74,194,052)

Monthly Amortization Amount $ (618,832)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month of December 2025

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,326	-	230	-	273,096
Dollars	$ 15,948.49	$ -	$ 13.80	$ -	$ 15,934.69
$/Allowance	$ 0.058350	$ -	$ 0.060000	$ -	$ 0.058348
NOx Allowances - Annual					
Quantity	15,076	-	563	-	14,513
Dollars	$ 1,346.09	$ -	$ 50.67	$ -	$ 1,295.42
$/Allowance	$ 0.089287	$ -	$ 0.090000	$ -	$ 0.089259
NOx Allowances - Seasonal					
Quantity	2,039	-	-	-	2,039
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.006189)	$ -	$ -	$ -	$ (0.006189)
Total Emission Allowances					
Quantity	290,441	-	793	-	289,648
Dollars	$ 17,281.96	$ -	$ 64.47	$ -	$ 17,217.49

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of December 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 24,493	$ 24,493
2	Lime	502040	2,181,884	2,181,884
3	Hydrated Lime	502040	64,050	64,050
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 2,270,427	$ 2,270,427

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of December 2025

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Jan-25	$ 22,948,277			$ 1,003,698	$ 702,169	$ 21,242,410
Feb-25	20,691,407			923,815	1,017,719	18,749,873
Mar-25	18,908,350			845,481	1,005,540	17,057,329
Apr-25	13,538,623			662,769	443,969	12,431,885
May-25	13,481,415			696,052	458,466	12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	$ 19,513,530			$ 884,308	$ (392,827)	$ 19,022,049

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 16,934,555
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,039,812
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.38%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Jan-25	$ 22,861,257	$ 6,782,470	$ 1,491,444	$ 874,271	$ 611,624	$ 21,375,362	$ 13,101,448
Feb-25	22,128,048	6,728,285	665,261	954,155	1,051,142	20,122,751	12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	1,032,489	1,227,950	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	1,215,199	814,024	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,181,917	778,490	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	$ 22,962,379	$ 6,613,115	$ 2,104,807	$ 993,661	$ (441,404)	$ 22,410,122	$ 13,692,200

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 22,105,257	$ 14,379,759
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,039,812	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.62%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of January 2026

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(99,280)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,971,703
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-0.58%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(130,321)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,524,512
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-0.90%

Effective Date for Billing: March 2, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: February 20, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of January 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	49,244,365
2	RB ÷ 12 months	(1) ÷ 12	$	4,103,697
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	373,519
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,740,962
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,114,481
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		96.20%
9	Jurisdictional E(m)	(7) x (8)	$	2,996,131
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(223,650)
12	Revenue Collected through Base Rates		- $	3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(229,601)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	118,350

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.24%	56.76%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (99,280)	$ (130,321)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,971,703	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,524,512
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-0.58%	-0.90%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 39,252,576	96.20%
20	Sales for Resale	Company Records	$ 1,550,889	3.80%
21	Total Revenue	(19) + (20)	$ 40,803,465	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of January 2026

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,183
6	Subtotal		$ 17,183
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 12,819,499
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,377,918
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 18,197,417
12	Environmental Compliance Rate Base		$ 49,244,365
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,318
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 59,665
16	Monthly Amortization Expense	ES Form 2.20	$ 564,223
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 35
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,881,721
19	Total Environmental Compliance Operating Expense		$ 2,740,962
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,141,098
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,364,748
27	(Over) / Under Recovery		$ (223,650)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of January 2026

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of January-26	Accumulated Depreciation as of January-26	Net Plant in-Service as of January-26	CWIP Excluding AFUDC as of January-26	Accumulated Deferred ITC as of January-26	Accumulated Deferred Tax Balance as of January-26	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,122,399	$ 8,202,189	$ -	$ -	$ 1,199,913	$ 36,050	$ 8,962
2	EB020745 Lined Retention Basin East [b]	$ 10,273,050	$ 1,839,039	$ 8,434,011	$ -	$ -	$ 550,971	$ 35,764	$ 9,216
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,892,161	$ 23,990,218	$ -	$ -	$ 2,906,671	$ 104,339	$ 26,213
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 2,965,900	$ 13,978,682	$ -	$ -	$ 720,363	$ 59,165	$ 15,274
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,424,599	$ 12,819,499	$ 54,605,100	$ -	$ -	$ 5,377,918	$ 235,318	$ 59,665

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354
(b): CWIP correction made to Project EB020745 Lined Retention Basin East Gross Plant for -$7,675.82 in January 2026

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend	COR Credit	Carrying Cost	Recovery: 10-Yr Amort.	Ending Balance	Cash Spend	Recovery: 2-Month Cycle	Cash Spend	Recovery: 1-Yr Amort.	Total Recovery
	(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

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DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of January 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	361,737	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	-	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	(361,737)	-	-	(564,223)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	-	-	-	(202,486)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 47,628,328	$ (47,628,328)	$ 2,629,139	$ (2,629,140)	$ (74,555,788)

Monthly Amortization Amount $ (564,223)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending January 2026

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	273,096	25,041	134	-	298,003
Dollars	$ 15,934.69	$ -	$ 6.70	$ -	$ 15,927.99
$/Allowance	$ 0.058348	$ -	$ 0.050000	$ -	$ 0.053449
NOx Allowances - Annual					
Quantity	14,513	3,292	404	-	17,401
Dollars	$ 1,295.42	$ -	$ 28.28	$ -	$ 1,267.14
$/Allowance	$ 0.089259	$ -	$ 0.070000	$ -	$ 0.072820
NOx Allowances - Seasonal					
Quantity	2,039	1,061	-	-	3,100
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.006189)	$ -	$ -	$ -	$ (0.004071)
Total Emission Allowances					
Quantity	289,648	29,394	538	-	318,504
Dollars	$ 17,217.49	$ -	$ 34.98	$ -	$ 17,182.51

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of January 2026

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 101,626	$ 101,626
2	Lime	502040	1,751,211	1,751,211
3	Hydrated Lime	502040	28,884	28,884
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,881,721	$ 1,881,721

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of January 2026

Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Feb-25	$ 20,691,407			$ 923,815	$ 1,017,719	$ 18,749,873
Mar-25	18,908,350			845,481	1,005,540	17,057,329
Apr-25	13,538,623			662,769	443,969	12,431,885
May-25	13,481,415			696,052	458,466	12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	19,513,530			884,308	(392,827)	19,022,049
Jan-26	$ 23,887,978			$ 1,512,290	$ 687,500	$ 21,688,188
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						$ 16,971,703
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						$ 39,252,576
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month						43.24%

Non-Residential - Kentucky Jurisdictional Revenues							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Feb-25	$ 22,128,048	$ 6,728,285	$ 665,261	$ 954,155	$ 1,051,142	$ 20,122,751	$ 12,729,205
Mar-25	23,805,333	6,461,047	1,863,620	1,032,489	1,227,950	21,544,894	13,220,227
Apr-25	22,162,764	6,675,344	268,271	1,215,199	814,024	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,181,917	778,490	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	22,962,379	6,613,115	2,104,807	993,661	(441,404)	22,410,122	13,692,200
Jan-26	$ 25,649,736	$ 7,229,416	$ 1,414,847	$ 1,489,739	$ 677,248	$ 23,482,749	$ 14,838,486
Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						$ 22,280,873	$ 14,524,512
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						$ 39,252,576	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month						56.76%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of February 2026

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(415,697)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	17,182,690
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-2.42%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(540,808)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,673,856
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-3.69%

Effective Date for Billing: April 1, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: March 20, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of February 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	49,015,391
2	RB ÷ 12 months	(1) ÷ 12	$	4,084,616
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	371,782
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,131,742
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,503,524
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		95.29%
9	Jurisdictional E(m)	(7) x (8)	$	2,385,608
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(340,031)
12	Revenue Collected through Base Rates		- $	3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(956,505)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	117,916

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.46%	56.54%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (415,697)	$ (540,808)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 17,182,690	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,673,856
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-2.42%	-3.69%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 39,537,092	95.29%
20	Sales for Resale	Company Records	$ 1,954,960	4.71%
21	Total Revenue	(19) + (20)	$ 41,492,052	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of February 2026

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,142
6	Subtotal		$ 17,142
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 13,054,923
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,371,427
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 18,426,350
12	Environmental Compliance Rate Base		$ 49,015,391
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,424
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 54,742
16	Monthly Amortization Expense	ES Form 2.20	$ 278,737
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 40
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,562,799
19	Total Environmental Compliance Operating Expense		$ 2,131,742
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ 1,651,033
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,991,064
27	(Over) / Under Recovery		$ (340,031)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

ES FORM 2.10

For the Expense Month of February 2026

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of February-26	Accumulated Depreciation as of February-26	Net Plant in-Service as of February-26	CWIP Excluding AFUDC as of February-26	Accumulated Deferred ITC as of February-26	Accumulated Deferred Tax Balance as of February-26	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,158,449	$ 8,166,139	$ -	$ -	$ 1,196,640	$ 36,050	$ 8,222
2	EB020745 Lined Retention Basin East	$ 10,273,050	$ 1,874,909	$ 8,398,141	$ -	$ -	$ 551,799	$ 35,870	$ 8,456
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 5,996,500	$ 23,885,879	$ -	$ -	$ 2,899,991	$ 104,339	$ 24,049
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 3,025,065	$ 13,919,517	$ -	$ -	$ 722,997	$ 59,165	$ 14,015
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,424,599	$ 13,054,923	$ 54,369,676	$ -	$ -	$ 5,371,427	$ 235,424	$ 54,742

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of February 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	361,737	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	76,251	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	-	(361,737)	-	-	(564,223)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	(76,251)	-	-	(278,737)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	-	-	-	(202,486)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 47,704,579	$ (47,704,579)	$ 2,629,139	$ (2,629,140)	$ (74,632,039)

Monthly Amortization Amount $ (278,737)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending February 2026

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	298,003	-	132	-	297,871
Dollars	$ 15,927.99	$ -	$ 6.60	$ -	$ 15,921.39
$/Allowance	$ 0.053449	$ -	$ 0.050000	$ -	$ 0.053451
NOx Allowances - Annual					
Quantity	17,401	-	479	-	16,922
Dollars	$ 1,267.14	$ -	$ 33.53	$ -	$ 1,233.61
$/Allowance	$ 0.072820	$ -	$ 0.070000	$ -	$ 0.072900
NOx Allowances - Seasonal					
Quantity	3,100	-	-	-	3,100
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.004071)	$ -	$ -	$ -	$ (0.004071)
Total Emission Allowances					
Quantity	318,504	-	611	-	317,893
Dollars	$ 17,182.51	$ -	$ 40.13	$ -	$ 17,142.38

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of February 2026

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 27,014	$ 27,014
2	Lime	502040	1,513,513	1,513,513
3	Hydrated Lime	502040	22,272	22,272
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,562,799	$ 1,562,799

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of February 2026

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Mar-25	$ 18,908,350			$ 845,481	$ 1,005,540	$ 17,057,329
Apr-25	13,538,623			662,769	443,969	12,431,885
May-25	13,481,415			696,052	458,466	12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	19,513,530			884,308	(392,827)	19,022,049
Jan-26	23,887,978			1,512,290	687,500	21,688,188
Feb-26	$ 23,695,259			$ 1,451,128	$ 962,411	$ 21,281,720

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 17,182,690
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,537,092
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.46%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Mar-25	$ 23,805,333	$ 6,461,047	$ 1,863,620	$ 1,032,489	$ 1,227,950	$ 21,544,894	$ 13,220,227
Apr-25	22,162,764	6,675,344	268,271	1,215,199	814,024	20,133,541	13,189,926
May-25	22,464,464	6,708,508	804,389	1,181,917	778,490	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	22,962,379	6,613,115	2,104,807	993,661	(441,404)	22,410,122	13,692,200
Jan-26	25,649,736	7,229,416	1,414,847	1,489,739	677,248	23,482,749	14,838,486
Feb-26	$ 23,584,758	$ 6,803,573	$ (319,812)	$ 1,551,006	$ 1,028,653	$ 21,005,099	$ 14,521,338

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 22,354,402	$ 14,673,856
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,537,092	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.54%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of March 2026

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(66,900)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	16,980,801
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-0.39%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(87,781)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,743,242
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-0.60%

Effective Date for Billing: May 1, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: April 21, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of March 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	48,786,435
2	RB ÷ 12 months	(1) ÷ 12	$	4,065,536
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	370,045
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,686,575
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	3,056,620
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		95.00%
9	Jurisdictional E(m)	(7) x (8)	$	2,903,789
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(56,388)
12	Revenue Collected through Base Rates		- $	3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(154,681)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	152,831

Calculation of Environmental Surcharge Billing Factors

			Residential (Total Revenue)	Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00	43.25%	56.75%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$ (66,900)	$ (87,781)
17	**R(m)**			
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$ 16,980,801	
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00		$ 14,743,242
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)	-0.39%	-0.60%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$ 39,260,368	95.00%
20	Sales for Resale	Company Records	$ 2,066,921	5.00%
21	Total Revenue	(19) + (20)	$ 41,327,289	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of March 2026

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,120
6	Subtotal		$ 17,120
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 13,290,348
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,364,936
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 18,655,284
12	Environmental Compliance Rate Base		$ 48,786,435
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,424
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 54,505
16	Monthly Amortization Expense	ES Form 2.20	$ 831,663
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 22
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,564,961
19	Total Environmental Compliance Operating Expense		$ 2,686,575
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (229,601)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(173,213)
27	(Over) / Under Recovery		$ (56,388)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of March 2026

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of March-26	Accumulated Depreciation as of March-26	Net Plant in-Service as of March-26	CWIP Excluding AFUDC as of March-26	Accumulated Deferred ITC as of March-26	Accumulated Deferred Tax Balance as of March-26	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,194,499	$ 8,130,089	$ -	$ -	$ 1,193,366	$ 36,050	$ 8,186
2	EB020745 Lined Retention Basin East	$ 10,273,050	$ 1,910,779	$ 8,362,271	$ -	$ -	$ 552,627	$ 35,870	$ 8,420
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 6,100,840	$ 23,781,539	$ -	$ -	$ 2,893,312	$ 104,339	$ 23,944
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 3,084,230	$ 13,860,352	$ -	$ -	$ 725,631	$ 59,165	$ 13,955
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,424,599	$ 13,290,348	$ 54,134,251	$ -	$ -	$ 5,364,936	$ 235,424	$ 54,505

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of March 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	361,737	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	76,251	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	629,177	(361,737)	-	-	(564,223)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	-	(76,251)	-	-	(278,737)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	(629,177)	-	-	(831,663)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	-	-	-	(202,486)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 48,333,757	$ (48,333,757)	$ 2,629,139	$ (2,629,140)	$ (75,261,217)

Monthly Amortization Amount $ (831,663)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending March 2026

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	297,871	-	86	-	297,785
Dollars	$ 15,921.39	$ -	$ 4.30	$ -	$ 15,917.09
$/Allowance	$ 0.053451	$ -	$ 0.050000	$ -	$ 0.053452
NOx Allowances - Annual					
Quantity	16,922	-	256	-	16,666
Dollars	$ 1,233.61	$ -	$ 17.92	$ -	$ 1,215.69
$/Allowance	$ 0.072900	$ -	$ 0.070000	$ -	$ 0.072944
NOx Allowances - Seasonal					
Quantity	3,100	-	-	-	3,100
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.004071)	$ -	$ -	$ -	$ (0.004071)
Total Emission Allowances					
Quantity	317,893	-	342	-	317,551
Dollars	$ 17,142.38	$ -	$ 22.22	$ -	$ 17,120.16

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of March 2026

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 42,082	$ 42,082
2	Lime	502040	1,501,605	1,501,605
3	Hydrated Lime	502040	21,274	21,274
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,564,961	$ 1,564,961

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of March 2026

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Apr-25	$ 13,538,623			$ 662,769	$ 443,969	$ 12,431,885
May-25	13,481,415			696,052	458,466	12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	19,513,530			884,308	(392,827)	19,022,049
Jan-26	23,887,978			1,512,290	687,500	21,688,188
Feb-26	23,695,259			1,451,128	962,411	21,281,720
Mar-26	$ 16,085,863			$ 1,540,059	$ (88,858)	$ 14,634,662

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 16,980,801
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,260,368
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.25%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Apr-25	$ 22,162,764	$ 6,675,344	$ 268,271	$ 1,215,199	$ 814,024	$ 20,133,541	$ 13,189,926
May-25	22,464,464	6,708,508	804,389	1,181,917	778,490	20,504,057	12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	22,962,379	6,613,115	2,104,807	993,661	(441,404)	22,410,122	13,692,200
Jan-26	25,649,736	7,229,416	1,414,847	1,489,739	677,248	23,482,749	14,838,486
Feb-26	23,584,758	6,803,573	(319,812)	1,551,006	1,028,653	21,005,099	14,521,338
Mar-26	$ 22,024,546	$ 6,544,630	$ 49,397	$ 1,462,022	$ (84,355)	$ 20,646,879	$ 14,052,852

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 22,279,567	$ 14,743,242
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,260,368	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.75%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of April 2026

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(325,786)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	17,073,572
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.91%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(426,085)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,805,055
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-2.88%

Effective Date for Billing: June 1, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: May 22, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of April 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	48,557,482
2	RB ÷ 12 months	(1) ÷ 12	$	4,046,457
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	368,309
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,046,185
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,414,494
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		94.18%
9	Jurisdictional E(m)	(7) x (8)	$	2,273,970
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	(23,759)
12	Revenue Collected through Base Rates		- $	3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(751,871)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	140,524

Calculation of Environmental Surcharge Billing Factors

				Residential (Total Revenue)		Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00		43.33%		56.67%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$	(325,786)	$	(426,085)
17	**R(m)**					
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$	17,073,572		
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00			$	14,805,055
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)		-1.91%		-2.88%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$	39,405,509	94.18%
20	Sales for Resale	Company Records	$	2,432,954	5.82%
21	Total Revenue	(19) + (20)	$	41,838,463	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of April 2026

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,100
6	Subtotal		$ 17,100
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 13,525,772
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,358,445
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 18,884,217
12	Environmental Compliance Rate Base		$ 48,557,482
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,424
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 54,267
16	Monthly Amortization Expense	ES Form 2.20	$ 615,555
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 20
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,140,919
19	Total Environmental Compliance Operating Expense		$ 2,046,185
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (956,505)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(932,746)
27	(Over) / Under Recovery		$ (23,759)

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of April 2026

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of April-26	Accumulated Depreciation as of April-26	Net Plant in-Service as of April-26	CWIP Excluding AFUDC as of April-26	Accumulated Deferred ITC as of April-26	Accumulated Deferred Tax Balance as of April-26	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,230,549	$ 8,094,039	$ -	$ -	$ 1,190,093	$ 36,050	$ 8,149
2	EB020745 Lined Retention Basin East	$ 10,273,050	$ 1,946,649	$ 8,326,401	$ -	$ -	$ 553,455	$ 35,870	$ 8,383
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 6,205,179	$ 23,677,200	$ -	$ -	$ 2,886,632	$ 104,339	$ 23,839
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 3,143,395	$ 13,801,187	$ -	$ -	$ 728,265	$ 59,165	$ 13,896
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,424,599	$ 13,525,772	$ 53,898,827	$ -	$ -	$ 5,358,445	$ 235,424	$ 54,267

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	361,737	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	76,251	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	629,177	(361,737)	-	-	(564,223)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	413,069	(76,251)	-	-	(278,737)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	-	(629,177)	-	-	(831,663)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	(413,069)	-	-	(615,555)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	-	-	-	(202,486)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 48,746,826	$ (48,746,826)	$ 2,629,139	$ (2,629,140)	$ (75,674,286)

Monthly Amortization Amount $ (615,555)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending April 2026

Total SO_2 and NOx Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	297,785	-	118	-	297,667
Dollars	$ 15,917.09	$ -	$ 5.90	$ -	$ 15,911.19
$/Allowance	$ 0.053452	$ -	$ 0.050000	$ -	$ 0.053453
NOx Allowances - Annual					
Quantity	16,666	-	201	-	16,465
Dollars	$ 1,215.69	$ -	$ 14.07	$ -	$ 1,201.62
$/Allowance	$ 0.072944	$ -	$ 0.070000	$ -	$ 0.072980
NOx Allowances - Seasonal					
Quantity	3,100	-	-	-	3,100
Dollars	$ (12.62)	$ -	$ -	$ -	$ (12.62)
$/Allowance	$ (0.004071)	$ -	$ -	$ -	$ (0.004071)
Total Emission Allowances					
Quantity	317,551	-	319	-	317,232
Dollars	$ 17,120.16	$ -	$ 19.97	$ -	$ 17,100.19

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of April 2026

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 73,012	$ 73,012
2	Lime	502040	1,010,144	1,010,144
3	Hydrated Lime	502040	57,763	57,763
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,140,919	$ 1,140,919

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of April 2026

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
May-25	$ 13,481,415			$ 696,052	$ 458,466	$ 12,326,897
Jun-25	14,130,061			659,550	209,000	13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	19,513,530			884,308	(392,827)	19,022,049
Jan-26	23,887,978			1,512,290	687,500	21,688,188
Feb-26	23,695,259			1,451,128	962,411	21,281,720
Mar-26	16,085,863			1,540,059	(88,858)	14,634,662
Apr-26	$ 14,334,253			$ 1,144,807	$ (355,691)	$ 13,545,137

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 17,073,572
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,405,509
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.33%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
May-25	$ 22,464,464	$ 6,708,508	$ 804,389	$ 1,181,917	$ 778,490	$ 20,504,057	$ 12,991,160
Jun-25	21,601,171	7,277,141	(1,187,847)	1,218,420	386,096	19,996,655	13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	22,962,379	6,613,115	2,104,807	993,661	(441,404)	22,410,122	13,692,200
Jan-26	25,649,736	7,229,416	1,414,847	1,489,739	677,248	23,482,749	14,838,486
Feb-26	23,584,758	6,803,573	(319,812)	1,551,006	1,028,653	21,005,099	14,521,338
Mar-26	22,024,546	6,544,630	49,397	1,462,022	(84,355)	20,646,879	14,052,852
Apr-26	$ 22,042,191	$ 7,031,290	$ (200,998)	$ 1,857,275	$ (577,055)	$ 20,761,971	$ 13,931,679

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 22,331,937	$ 14,805,055
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,405,509	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.67%	

ES FORM 1.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Summary of Jurisdictional E(m), Jurisdictional R(m) and Environmental Surcharge Billing Factors

For the Expense Month of May 2026

Residential (Total Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(166,071)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	17,106,261
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-0.97%

Non-Residential (Net Revenue)

Jurisdictional E(m)	ES Form 1.10, Line 16	=	$	(216,845)
Jurisdictional R(m)	ES Form 1.10, Line 17	=	$	14,812,195
Environmental Surcharge Billing Factor	ES Form 1.10, Line 18	=		-1.46%

Effective Date for Billing: July 1, 2026

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Strategy Manager

Date Submitted: June 19, 2026

ES FORM 1.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Calculation of Current Month Environmental Surcharge Factors

For the Expense Month of May 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source		Environmental Compliance Plans
1	Environmental Compliance Rate Base (RB)	ES Form 2.00	$	48,328,525
2	RB ÷ 12 months	(1) ÷ 12	$	4,027,377
3	Pretax Rate of Return (ROR)	ES Form 1.20		9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	$	366,572
5	Environmental Operating Expenses (OE)	ES Form 2.00	+ $	2,416,444
6	Less: Proceeds from Emission Allowance Sales (EAS)	ES Form 2.00	- $	-
7	Sub-Total E(m)	(4) + (5) - (6)	$	2,783,016
8	Jurisdictional Allocation Ratio for Expense Month	Line 19		93.69%
9	Jurisdictional E(m)	(7) x (8)	$	2,607,408
10	Prior Period Adjustment	Note (A)	+ $	-
11	Adjustment for (Over)/Under Recovery	ES Form 2.00	+ $	11,758
12	Revenue Collected through Base Rates		- $	3,002,082
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	$	(382,916)
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	$	175,608

Calculation of Environmental Surcharge Billing Factors

				Residential (Total Revenue)		Non-Residential (Net Revenue)
15	Revenues as a Percentage of 12-Month Average Total Revenues	ES Form 3.00		43.37%		56.63%
16	Adjusted Net Jurisdictional E(m) - Allocated	(13) x (15)	$	(166,071)	$	(216,845)
17	**R(m)**					
	Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue)	ES Form 3.00	$	17,106,261		
	Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00			$	14,812,195
18	Adjusted Net Jurisdictional E(m) / R(m)	(16) ÷ (17)		-0.97%		-1.46%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

19	Retail Revenue	ES Form 3.00	$	39,445,136	93.69%
20	Sales for Resale	Company Records	$	2,654,695	6.31%
21	Total Revenue	(19) + (20)	$	42,099,831	100.00%

Note: (A) Amounts determined by the Commission during six-month and two-year reviews and corrections determined by the Company for prior period filings.

ES FORM 1.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A)x(B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

ES FORM 2.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of May 2026

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.30	$ 17,078
6	Subtotal		$ 17,078
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.10	$ 13,761,197
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.10	5,351,955
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.10	-
11	Subtotal		$ 19,113,152
12	Environmental Compliance Rate Base		$ 48,328,525
13	**Determination of Environmental Compliance Operating Expenses (OE)**		
14	Monthly Depreciation Expense	ES Form 2.10	$ 235,424
15	Monthly Taxes Other Than Income Taxes	ES Form 2.10	$ 54,030
16	Monthly Amortization Expense	ES Form 2.20	$ 664,588
17	Monthly Emission Allowance Expense	ES Form 2.30	$ 22
18	Monthly Environmental Reagent Expense	ES Form 2.50	$ 1,462,380
19	Total Environmental Compliance Operating Expense		$ 2,416,444
20	**Proceeds from Emission Allowance Sales (EAS)**		
21	SO_2 Allowance Sales		$ -
22	NOx Allowances Sales		$ -
23	Total Emission Allowance Sales		$ -
24	**(Over) / Under Recovery**		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		$ (154,681)
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		(166,439)
27	(Over) / Under Recovery		$ 11,758

Note: (Over) recovery will be deducted from Jurisdictional E(m)
Under recovery will be added to Jurisdictional E(m)

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

ES FORM 2.10

Plant, Accumulated Depreciation, CWIP, ITC, ADIT
Depreciation Expense, Taxes Other Than Income Taxes

For the Expense Month of May 2026

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) [a]	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of May-26	Accumulated Depreciation as of May-26	Net Plant in-Service as of May-26	CWIP Excluding AFUDC as of May-26	Accumulated Deferred ITC as of May-26	Accumulated Deferred Tax Balance as of May-26	Monthly Depreciation Expense	Monthly Property Tax Expense
				(2)-(3)					
1	EB020290 Lined Retention Basin West	$ 10,324,588	$ 2,266,599	$ 8,057,989	$ -	$ -	$ 1,186,820	$ 36,050	$ 8,113
2	EB020745 Lined Retention Basin East	$ 10,273,050	$ 1,982,520	$ 8,290,530	$ -	$ -	$ 554,282	$ 35,870	$ 8,347
3	EB020298 East Bend SW/PW Reroute	$ 29,882,379	$ 6,309,518	$ 23,572,861	$ -	$ -	$ 2,879,953	$ 104,339	$ 23,734
4	EB021281 East Bend Landfill Cell 2	$ 16,944,582	$ 3,202,560	$ 13,742,022	$ -	$ -	$ 730,900	$ 59,165	$ 13,836
5				$ -					
6				$ -					
7				$ -					
8				$ -					
9				$ -					
10				$ -					
11				$ -					
12				$ -					
13				$ -					
14				$ -					
15				$ -					
		$ 67,424,599	$ 13,761,197	$ 53,663,402	$ -	$ -	$ 5,351,955	$ 235,424	$ 54,030

Note (a): Depreciation rate increased from 4.02% to 4.19% per Commission's Order in DEK's Electric Base Rate Case No. 2024-00354

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure		
Line No.	Period		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
1	2015 Total	*Actual*	$ 3,858,084	$ (856,412)	$ 20,378	$ -	$ 3,022,050	$ -	$ -	$ -	$ -	$ -
2	2016 Total	*Actual*	4,486,812	(107,052)	379,037	-	7,780,847	-	-	291,152	-	-
3	Jan-17	*Actual*	358,148	-	43,243	-	8,182,238	-	-	13,108	-	-
4	Feb-17	*Actual*	424,021	-	40,351	-	8,646,610	-	-	14,281	-	-
5	Mar-17	*Actual*	692,184	(26,763)	44,724	-	9,356,755	-	-	20,225	-	-
6	Apr-17	*Actual*	254,067	-	50,949	-	9,661,771	-	-	30,324	-	-
7	May-17	*Actual*	608,377	-	56,141	-	10,326,289	-	-	34,997	-	-
8	Jun-17	*Actual*	265,619	(26,763)	53,472	-	10,618,617	-	-	45,594	-	-
9	Jul-17	*Actual*	220,636	-	51,558	-	10,890,811	-	-	30,629	-	-
10	Aug-17	*Actual*	272,053	-	47,731	-	11,210,595	-	-	17,432	-	-
11	Sep-17	*Actual*	233,743	(26,763)	44,389	-	11,461,964	-	-	23,200	-	-
12	Oct-17	*Actual*	444,793	-	60,670	-	11,967,427	-	-	47,545	-	-
13	Nov-17	*Actual*	525,770	-	68,573	-	12,561,770	-	-	33,047	-	-
14	Dec-17	*Actual*	2,482,493	(26,763)	82,850	-	15,100,350	-	-	18,362	-	-
15	Jan-18	*Actual*	510,525	-	91,185	-	15,702,060	-	-	18,843	-	-
16	Feb-18	*Actual*	89,648	-	91,534	-	15,883,242	-	-	-	-	-
17	Mar-18	*Actual*	396,977	(26,763)	93,696	-	16,347,152	-	-	14,037	-	-
18	Apr-18	*Actual*	132,294	-	111,722	-	16,591,168	173,000	-	36,260	-	-
19	May-18	*Actual*		-	112,480	-	16,703,648	100,234	-	88,888	-	-
20	Jun-18	*Actual*		-	111,870	(202,486)	16,613,032	150,901	(173,000)	128,843	-	(375,486)
21	Jul-18	*Actual*		-	111,255	(202,486)	16,521,801	196,585	(100,234)	16	-	(302,720)
22	Aug-18	*Actual*		-	110,637	(202,486)	16,429,952	321,815	(150,901)	29,844	-	(353,387)
23	Sep-18	*Actual*		-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(399,071)
24	Oct-18	*Actual*		-	109,387	(202,486)	16,244,381	69,886	(321,815)	-	-	(524,301)
25	Nov-18	*Actual*		-	108,756	(202,486)	16,150,651	238,428	(275,135)	(2,498)	-	(477,621)
26	Dec-18	*Actual*		-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(272,372)
27	Jan-19	*Actual*		-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(440,914)
28	Feb-19	*Actual*		-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(465,523)
29	Mar-19	*Actual*		-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(380,482)
30	Apr-19	*Actual*		-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(353,337)
31	May-19	*Actual*		-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(611,095)
32	Jun-19	*Actual*		-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,791,033)
33	Jul-19	*Actual*		-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,843,541)
34	Aug-19	*Actual*		-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,625,719)
35	Sep-19	*Actual*		-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(1,571,071)
36	Oct-19	*Actual*		-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(690,245)
37	Nov-19	*Actual*		-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(249,963)
38	Dec-19	*Actual*		-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(183,891)
39	Jan-20	*Actual*		-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(532,861)
40	Feb-20	*Actual*		-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(324,126)
41	Mar-20	*Actual*		-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(279,902)
42	Apr-20	*Actual*		-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(227,670)
43	May-20	*Actual*		-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(230,117)
44	Jun-20	*Actual*		-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(253,293)
45	Jul-20	*Actual*		-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(285,024)
46	Aug-20	*Actual*		-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(336,303)
47	Sep-20	*Actual*		-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(329,979)
48	Oct-20	*Actual*		-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(266,638)
49	Nov-20	*Actual*		-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(330,346)
50	Dec-20	*Actual*		$ -	$ 91,508	$ (202,486)	$ 13,589,232	$ 295,353	$ (226,553)	$ 17,705	$ -	$ (429,039)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
51	Jan-21	*Actual*		$ -	$ 90,756	$ (202,486)	$ 13,477,502	$ 80,328	$ (423,320)	$ 19,334	$ -	$ (625,806)
52	Feb-21	*Actual*		-	89,998	(202,486)	13,365,014	86,810	(295,353)	4,714	-	(497,839)
53	Mar-21	*Actual*		-	89,235	(202,486)	13,251,763	71,335	(80,328)	20,845	-	(282,814)
54	Apr-21	*Actual*		-	88,468	(202,486)	13,137,745	90,503	(86,810)	23,069	-	(289,296)
55	May-21	*Actual*		-	87,695	(202,486)	13,022,954	208,821	(71,335)	11,618	-	(273,821)
56	Jun-21	*Actual*		-	86,916	(202,486)	12,907,384	245,017	(90,503)	10,988	-	(292,989)
57	Jul-21	*Actual*		-	86,133	(202,486)	12,791,031	102,270	(208,821)	-	-	(411,307)
58	Aug-21	*Actual*		-	85,344	(202,486)	12,673,889	-	(245,017)	144,042	-	(447,503)
59	Sep-21	*Actual*		-	84,550	(202,486)	12,555,953	-	(102,270)	309,800	-	(304,756)
60	Oct-21	*Actual*		-	83,750	(202,486)	12,437,217	-	-	411,865	-	(202,486)
61	Nov-21	*Actual*		-	82,945	(202,486)	12,317,676	-	-	388,963	-	(202,486)
62	Dec-21	*Actual*		-	82,135	(202,486)	12,197,325	-	-	194,124	-	(202,486)
63	Jan-22	*Actual*		-	81,319	(202,486)	12,076,158	-	-	105,294	-	(202,486)
64	Feb-22	*Actual*		-	80,498	(202,486)	11,954,170	103,920	-	27,183	-	(202,486)
65	Mar-22	*Actual*		-	79,671	(202,486)	11,831,355	131,221	-	-	-	(202,486)
66	Apr-22	*Actual*		-	78,838	(202,486)	11,707,707	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	*Actual*		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	*Actual*		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	*Actual*		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	*Actual*		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	*Actual*		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	*Actual*		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	*Actual*		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	*Actual*		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	*Actual*		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	*Actual*		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	*Actual*		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	*Actual*		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	*Actual*		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	*Actual*		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	*Actual*		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	*Actual*		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	*Actual*		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	*Actual*		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	*Actual*		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	*Actual*		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	*Actual*		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	*Actual*		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	*Actual*		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	*Actual*		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	*Actual*		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	*Actual*		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	*Actual*		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	*Actual*		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	*Actual*		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	*Actual*		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	*Actual*		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	*Actual*		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	*Actual*		$ -	$ 47,953	$ (202,486)	$ 7,121,186	$ 370,692	$ (401,711)	$ -	$ -	$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of May 2026

			Coal Ash ARO					Coal Ash ARO and Landfill Closure		Landfill Closure (a)		
Line No.	Period (1)		Cash Spend (2)	COR Credit (3)	Carrying Cost (4)	Recovery: 10-Yr Amort. (5)	Ending Balance (6)	Cash Spend (7)	Recovery: 2-Month Cycle (8)	Cash Spend (9)	Recovery: 1-Yr Amort. (10)	Total Recovery (11)=(5)+(8)+(10)
100	Feb-25	*Actual*		$ -	$ 46,906	$ (202,486)	$ 6,965,606	$ 117,684	$ (359,775)	$ -	$ -	$ (562,261)
101	Mar-25	*Actual*		-	45,851	(202,486)	6,808,971	632,552	(370,692)	-	-	(573,178)
102	Apr-25	*Actual*		-	44,789	(202,486)	6,651,274	387,030	(117,684)	-	-	(320,170)
103	May-25	*Actual*		-	43,720	(202,486)	6,492,508	595,043	(632,552)	-	-	(835,038)
104	Jun-25	*Actual*		-	42,643	(202,486)	6,332,665	441,872	(387,030)	-	-	(589,516)
105	Jul-25	*Actual*		-	41,560	(202,486)	6,171,739	504,303	(595,043)	-	-	(797,529)
106	Aug-25	*Actual*		-	40,469	(202,486)	6,009,722	364,246	(441,872)	-	-	(644,358)
107	Sep-25	*Actual*		-	39,370	(202,486)	5,846,606	510,798	(504,303)	-	-	(706,789)
108	Oct-25	*Actual*		-	38,265	(202,486)	5,682,385	378,490	(364,246)	-	-	(566,732)
109	Nov-25	*Actual*		-	37,151	(202,486)	5,517,050	434,084	(510,798)	-	-	(713,284)
110	Dec-25	*Actual*		-	36,030	(202,486)	5,350,594	416,346	(378,490)	-	-	(580,976)
111	Jan-26	*Actual*		-	34,902	(202,486)	5,183,010	361,737	(434,084)	-	-	(636,570)
112	Feb-26	*Actual*		-	33,766	(202,486)	5,014,290	76,251	(416,346)	-	-	(618,832)
113	Mar-26	*Actual*		-	32,622	(202,486)	4,844,426	629,177	(361,737)	-	-	(564,223)
114	Apr-26	*Actual*		-	31,470	(202,486)	4,673,410	413,069	(76,251)	-	-	(278,737)
115	May-26	*Actual*		-	30,311	(202,486)	4,501,235	462,102	(629,177)	-	-	(831,663)
116	Jun-26	*Actual*		-	29,144	(202,486)	4,327,893	-	(413,069)	-	-	(615,555)
117	Jul-26	*Actual*		-	27,968	(202,486)	4,153,375	-	(462,102)	-	-	(664,588)
118	Aug-26	*Actual*		-	26,785	(202,486)	3,977,674	-	-	-	-	(202,486)
119	Sep-26	*Actual*		-	25,594	(202,486)	3,800,782	-	-	-	-	(202,486)
120	Oct-26	*Actual*		-	24,395	(202,486)	3,622,691	-	-	-	-	(202,486)
121	Nov-26	*Actual*		-	23,188	(202,486)	3,443,393	-	-	-	-	(202,486)
122	Dec-26	*Actual*		-	21,972	(202,486)	3,262,879	-	-	-	-	(202,486)
123	Jan-27	*Actual*		-	20,748	(202,486)	3,081,141	-	-	-	-	(202,486)
124	Feb-27	*Actual*		-	19,516	(202,486)	2,898,171	-	-	-	-	(202,486)
125	Mar-27	*Actual*		-	18,276	(202,486)	2,713,961	-	-	-	-	(202,486)
126	Apr-27	*Actual*		-	17,027	(202,486)	2,528,502	-	-	-	-	(202,486)
127	May-27	*Actual*		-	15,769	(202,486)	2,341,785	-	-	-	-	(202,486)
128	Jun-27	*Actual*		-	14,504	(202,486)	2,153,803	-	-	-	-	(202,486)
129	Jul-27	*Actual*		-	13,229	(202,486)	1,964,546	-	-	-	-	(202,486)
130	Aug-27	*Actual*		-	11,946	(202,486)	1,774,006	-	-	-	-	(202,486)
131	Sep-27	*Actual*		-	10,654	(202,486)	1,582,174	-	-	-	-	(202,486)
132	Oct-27	*Actual*		-	9,354	(202,486)	1,389,042	-	-	-	-	(202,486)
133	Nov-27	*Actual*		-	8,045	(202,486)	1,194,601	-	-	-	-	(202,486)
134	Dec-27	*Actual*		-	6,726	(202,486)	998,841	-	-	-	-	(202,486)
135	Jan-28	*Actual*		-	5,399	(202,486)	801,754	-	-	-	-	(202,486)
136	Feb-28	*Actual*		-	4,063	(202,486)	603,331	-	-	-	-	(202,486)
137	Mar-28	*Actual*		-	2,718	(202,486)	403,563	-	-	-	-	(202,486)
138	Apr-28	*Actual*		-	1,409	(202,486)	202,486	-	-	-	-	(202,486)
139	May-28	*Actual*		$ -	$ -	$ (202,486)	$ -	$ -	$ -	$ -	$ -	$ (202,486)
			$ 16,256,244	$ (1,097,279)	$ 9,139,355	$ (24,298,320)		$ 49,208,927	$ (49,208,927)	$ 2,629,139	$ (2,629,140)	$ (76,136,387)

Monthly Amortization Amount $ (664,588)

(a) In Case No. 2021-00290, the Commission granted Duke Energy Kentucky's request to recover unrecovered construction, maintenance, closure, and post-closure maintenance costs of the East Landfill and unrecovered maintenance costs of the West Landfill at the East Bend Station through its Environmental Surcharge Mechanism. Beginning with the expense month of February 2022, ES FORM 2.20, will be revised to show the costs associated with the closure of the East Landfill. The amount shown as "Landfill Closure" cash spend in columns (9) and (10) of ES FORM 2.20, which is being amortized for recovery over a period of twelve months, includes $1,110,406 of costs related to the closure of the East Landfill and $1,518,734 of unrecovered maintenance costs related to the West Landfill.

ES FORM 2.30

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Inventory and Expense of Emission Allowances

For the Expense Month Ending May 2026

Total SO_2 and NOx Emission Allowances	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO_2 Allowances - Acid Rain Program (a)					
Quantity	297,667	-	113	-	297,554
Dollars	$ 15,911.19	$ -	$ 5.65	$ -	$ 15,905.54
$/Allowance	$ 0.053453	$ -	$ 0.050000	$ -	$ 0.053454
NOx Allowances - Annual					
Quantity	16,465	-	112	-	16,353
Dollars	$ 1,201.62	$ -	$ 7.84	$ -	$ 1,193.78
$/Allowance	$ 0.072980	$ -	$ 0.070000	$ -	$ 0.073001
NOx Allowances - Seasonal					
Quantity	3,100	-	108	-	2,992
Dollars	$ (12.62)	$ -	$ 8.28	$ -	$ (20.90)
$/Allowance	$ (0.004071)	$ -	$ 0.076667	$ -	$ (0.006985)
Total Emission Allowances					
Quantity	317,232	-	333	-	316,899
Dollars	$ 17,100.19	$ -	$ 21.77	$ -	$ 17,078.42

(a) Note: The SO2 Allowances exclude the CSSO2G1 Program Allowances as there is no dollar value associated with this program inventory. Thus, there is no expense booked to the ledger as a result of the program.

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of May 2026

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	$ 101,854	$ 101,854
2	Lime	502040	1,238,130	1,238,130
3	Hydrated Lime	502040	122,396	122,396
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		$ 1,462,380	$ 1,462,380

ES FORM 3.00

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Monthly Average Revenue Computation of R(m) for Residential and Non-Residential Customers

For the Expense Month of May 2026

Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Jun-25	$ 14,130,061			$ 659,550	$ 209,000	$ 13,261,511
Jul-25	24,842,806			852,392	1,279,678	22,710,736
Aug-25	26,093,081			820,413	1,235,039	24,037,629
Sep-25	19,153,523			736,330	837,128	17,580,065
Oct-25	15,823,896			643,458	203,959	14,976,479
Nov-25	10,219,641			801,955	(400,110)	9,817,796
Dec-25	19,513,530			884,308	(392,827)	19,022,049
Jan-26	23,887,978			1,512,290	687,500	21,688,188
Feb-26	23,695,259			1,451,128	962,411	21,281,720
Mar-26	16,085,863			1,540,059	(88,858)	14,634,662
Apr-26	14,334,253			1,144,807	(355,691)	13,545,137
May-26	$ 13,636,939			$ 971,650	$ (53,869)	$ 12,719,158

Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 17,106,261
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,445,136
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	43.37%

Non-Residential - Kentucky Jurisdictional Revenues

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Jun-25	$ 21,601,171	$ 7,277,141	$ (1,187,847)	$ 1,218,420	$ 386,096	$ 19,996,655	$ 13,907,361
Jul-25	28,887,637	8,546,144	72,446	1,025,578	1,539,677	26,322,382	17,703,792
Aug-25	30,782,216	8,247,291	594,363	1,057,556	1,592,030	28,132,630	19,290,976
Sep-25	26,977,489	7,552,616	(54,647)	1,141,639	1,297,921	24,537,929	17,039,960
Oct-25	24,194,198	7,400,883	(174,302)	1,234,512	391,307	22,568,379	15,341,798
Nov-25	18,153,557	6,134,678	1,130,655	1,076,014	(536,843)	17,614,386	10,349,053
Dec-25	22,962,379	6,613,115	2,104,807	993,661	(441,404)	22,410,122	13,692,200
Jan-26	25,649,736	7,229,416	1,414,847	1,489,739	677,248	23,482,749	14,838,486
Feb-26	23,584,758	6,803,573	(319,812)	1,551,006	1,028,653	21,005,099	14,521,338
Mar-26	22,024,546	6,544,630	49,397	1,462,022	(84,355)	20,646,879	14,052,852
Apr-26	22,042,191	7,031,290	(200,998)	1,857,275	(577,055)	20,761,971	13,931,679
May-26	$ 22,505,176	$ 6,429,358	$ 1,081,107	$ 2,030,431	$ (112,570)	$ 20,587,315	$ 13,076,850

Average Monthly Non-Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 22,338,875	$ 14,812,195
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month	$ 39,445,136	
Non-Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month	56.63%	

Duke Energy Kentucky
Case No. 2026-00234
STAFF First Request for Information
Date Received: September 24, 2026

STAFF-DR-01-002

REQUEST:

For the period under review, provide a calculation of any additional over- or under-recovery amount Duke Kentucky believes needs to be recognized, and, if any, propose an amortization period. Provide the schedule and all supporting calculations and documentation in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

RESPONSE:

Duke Energy Kentucky does not have any additional over- or under-recovery amounts to be recognized for the period under review. As shown on the bottom of Form 2.00 of each monthly filing, any over-recovery of net jurisdictional E(m) is deducted from the current expense month net jurisdictional E(m) and any under-recovery of net jurisdictional E(m) is added to the current expense month net jurisdictional E(m). This over- or under- recovery is reflected on Line 11 of Form 1.10 of each monthly filing.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky
Case No. 2026-00234
STAFF First Request for Information
Date Received: September 24, 2026

STAFF-DR-01-003

REQUEST:

Provide the actual average residential customer's monthly usage as of May31, 2026. Based on this usage amount, provide the dollar impact any additional over- or under-recovery will have on the average residential customer's monthly bill for the requested amortization period.

RESPONSE:

The average residential customer usage was 915 kWh per month for the 6 months ending May 31, 2026.

As indicated in the response to STAFF-DR-01-002, Duke Energy Kentucky is not proposing any additional over- or under-recovery for the periods under review.

PERSON RESPONSIBLE: Libbie S. Miller

STAFF-DR-01-004

REQUEST:

Refer to ES Form 2.30, Inventory and Expense of Emission Allowances, for the last six expense months of the billing period under review.

a. For the sulfur dioxide emission allowance inventory, explain the reason(s) for any purchases of allowances reported during these expense months.

b. For the nitrogen oxide emission allowance inventory, explain the reason(s) for any purchases of allowances reported during these expense months.

c. Explain how any purchases of allowances comply with Duke Kentucky's emissions allowance strategy plan reported during these expense months.

d. Provide the calculation that supports the total cost of allowances utilized that is then carried to ES Form 2.00 reported during these expense months. Provide the schedule and all supporting calculations and documentation in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

e. Provide an explanation for any fluctuations in the monthly average cost of allowances determined in 4d.

RESPONSE:

a. Duke Energy Kentucky did not purchase any sulfur dioxide emission allowances during the expense months of the review period. The zero-cost emission allowances allocated from the EPA are recorded in the "Allocations" column of STAFF-DR-01-004 Attachment.

b. Duke Energy Kentucky did not purchase any nitrogen oxide emission allowances during the expense months of the review period. The zero-cost emission allowances allocated from the EPA are recorded in the "Allocations" column of STAFF-DR-01-004 Attachment.

c. Duke Energy Kentucky did not purchase any allowances during the expense months of the review period.

d. Please see STAFF-DR-01-004 Attachment.

e. No major fluctuations in the monthly average cost of allowances determined in 4.d.

PERSON RESPONSIBLE: Krista Markel

2025 & 2026

SO2 Allowances - Acid Rain Program

	Quantities Begin Bal	QuantitiesAllocations	Quantities Utilized	Quantities Sold	Quanities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI	Tons Utilized	$ Utilized
Oct-25	273,423	0	0	0	273,423	$ 15,954.31	$ -	$ -		$ 15,954.31	$ 0.06	-	$ -
Nov-25	273,423	0	(97)	0	273,326	$ 15,954.31	$ -	$ (5.82)		$ 15,948.49	$ 0.06	97	$ 5.82
Dec-25	273,326	0	(230)	0	273,096	$ 15,948.49	$ -	$ (13.80)		$ 15,934.69	$ 0.06	230	$ 13.80
Jan-26	273,096	25,041	(134)	0	298,003	$ 15,934.69	$ -	$ (6.70)		$ 15,927.99	$ 0.05	134	$ 6.70
Feb-26	298,003	0	(132)	0	297,871	$ 15,927.99	$ -	$ (6.60)		$ 15,921.39	$ 0.05	132	$ 6.60
Mar-26	297,871	0	(86)	0	297,785	$ 15,921.39	$ -	$ (4.30)		$ 15,917.09	$ 0.05	86	$ 4.30
												679	$ 37.22

NOx Allowances - Annual

	Quantities Begin Bal	QuantitiesAllocations	Quantities Utilized	Quantities Sold	Quanities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI	Tons Utilized	$ Utilized
Oct-25	15,345	0	(35)	0	15,310	$ 1,370.30	$ -	$ (3.15)		$ 1,367.15	$ 0.09	35	$ 3.15
Nov-25	15,310	0	(234)	0	15,076	$ 1,367.15	$ -	$ (21.06)		$ 1,346.09	$ 0.09	234	$ 21.06
Dec-25	15,076	0	(563)	0	14,513	$ 1,346.09	$ -	$ (50.67)		$ 1,295.42	$ 0.09	563	$ 50.67
Jan-26	14,513	3,292	(404)	0	17,401	$ 1,295.42	$ -	$ (28.28)		$ 1,267.14	$ 0.07	404	$ 28.28
Feb-26	17,401	0	(479)	0	16,922	$ 1,267.14	$ -	$ (33.53)		$ 1,233.61	$ 0.07	479	$ 33.53
Mar-26	16,922	0	(256)	0	16,666	$ 1,233.61	$ -	$ (17.92)		$ 1,215.69	$ 0.07	256	$ 17.92
												1,971	$ 154.61

NOx Allowances - Seasonal

	Quantities Begin Bal	QuantitiesAllocations	Quantities Utilized	Quantities Sold	Quanities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI	Tons Utilized	$ Utilized
Oct-25	2,039	0	0	0	2,039	$ (12.62)	$ -	$ -		$ (12.62)	$ (0.01) [a]	-	$ -
Nov-25	2,039	0	0	0	2,039	$ (12.62)	$ -	$ -		$ (12.62)	$ (0.01) [a]	-	$ -
Dec-25	2,039	0	0	0	2,039	$ (12.62)	$ -	$ -		$ (12.62)	$ (0.01) [a]	-	$ -
Jan-26	2,039	1,061	0	0	3,100	$ (12.62)	$ -	$ -		$ (12.62)	$ - [a]	-	$ -
Feb-26	3,100	0	0	0	3,100	$ (12.62)	$ -	$ -		$ (12.62)	$ - [a]	-	$ -
Mar-26	3,100	0	0	0	3,100	$ (12.62)	$ -	$ -		$ (12.62)	$ - [a]	-	$ -
												-	$ -

Total Emission Allowances

	Quantities Begin Bal	QuantitiesAllocations	Quantities Utilized	Quantities Sold	Quanities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	Tons Utilized	$ Utilized
Oct-25	290,807	0	(35)	0	290,772	$ 17,311.99	$ -	$ (3.15)	$ -	$ 17,308.84	35	$ 3.15
Nov-25	290,772	0	(331)	0	290,441	$ 17,308.84	$ -	$ (26.88)	$ -	$ 17,281.96	331	$ 26.88
Dec-25	290,441	0	(793)	0	289,648	$ 17,281.96	$ -	$ (64.47)	$ -	$ 17,217.49	793	$ 64.47
Jan-26	289,648	29,394	(538)	0	318,504	$ 17,217.49	$ -	$ (34.98)	$ -	$ 17,182.51	538	$ 34.98
Feb-26	318,504	0	(611)	0	317,893	$ 17,182.51	$ -	$ (40.13)	$ -	$ 17,142.38	611	$ 40.13
Mar-26	317,893	0	(342)	0	317,551	$ 17,142.38	$ -	$ (22.22)	$ -	$ 17,120.16	342	$ 22.22
											2,650	$ 191.83

Notes:
[a] Negative ending inventory was investigated and corrections made in June 2026.

Duke Energy Kentucky
Case No. 2026-00234
STAFF First Request for Information
Date Received: September 24, 2026

STAFF-DR-01-005

REQUEST:

Refer to ES Form 2.50, Environmental Reagent Expenses for the last six expense months of the billing period under review. Explain the reason(s) for any change in the expense levels from month to month if that change is greater than plus or minus 10 percent for each of the following operating and maintenance costs listed:

a. Ammonia

b. Lime

c. Hydrated Lime

d. Magnesium Hydroxide

e. pH Control Treatment

RESPONSE:

Please see STAFF-DR-01-005 Attachment.

PERSON RESPONSIBLE: Libbie S. Miller
John D. Swez

Environmental Reagent Expense Variance Explanations
Duke Energy Kentucky
October 25 - March 26

	Reagent	October 25	November 25	Variance	Explanation
1	Ammonia	$ -	$ 28,518	100%	Station was in planned fall outage from 9/6/25 to 11/8/25
2	Lime	$ -	$ 1,357,999	100%	Station was in planned fall outage from 9/6/25 to 11/8/25
3	Hydrated Lime	$ 4,091	$ 22,968	461%	Station was in planned fall outage from 9/6/25 to 11/8/25
4	Magnesium Hydroxide	$ -	$ -	0%	
5	pH Control Treatment	$ -	$ -	0%	
6	Total	$ 4,091	$ 1,409,485		

	Reagent	November 25	December 25	Variance	Explanation
7	Ammonia	$ 28,518	$ 24,493	-14%	The station received 22% less ammonia in December than November due to ammonia tank maintenance.
8	Lime	$ 1,357,999	$ 2,181,884	61%	The station had a 41% increase service hours and 52% increase net generation in December.
9	Hydrated Lime	$ 22,968	$ 64,050	179%	The station had a 41% increase service hours and 52% increase net generation in December. There were 6 more hydrated lime trucks received in December than November.
10	Magnesium Hydroxide	$ -	$ -	0%	
11	pH Control Treatment	$ -	$ -	0%	
12	Total	$ 1,409,485	$ 2,270,428		

	Reagent	December 25	January 26	Variance	Explanation
13	Ammonia	$ 24,493	$ 101,626	315%	The station received 5 more ammonia trucks in January than December. Filling tank after fall outage and maintenance on unloading valves.
14	Lime	$ 2,181,884	$ 1,751,211	-20%	Lime expense was higher in December than in January due to increased consumption and higher unit costs.
15	Hydrated Lime	$ 64,050	$ 28,884	-55%	Received three less hydrated lime trucks in January than December due to system maintenance limiting lime flow.
16	Magnesium Hydroxide	$ -	$ -	0%	
17	pH Control Treatment	$ -	$ -	0%	
18	Total	$ 2,270,428	$ 1,881,721		

	Reagent	January 26	February 26	Variance	Explanation
19	Ammonia	$ 101,626	$ 27,014	-73%	The amount of ammonia trucks received was reduced to a normal level after filling the tank in January.
20	Lime	$ 1,751,211	$ 1,513,513	-14%	The station's net generations was -11.79% in February than January.
21	Hydrated Lime	$ 28,884	$ 22,272	-23%	The station's net generations was -11.79% in February than January. System maintenance resulted in fewer trucks being unloaded.
22	Magnesium Hydroxide	$ -	$ -	0%	
23	pH Control Treatment	$ -	$ -	0%	
24	Total	$ 1,881,721	$ 1,562,798		

	Reagent	February 26	March 26	Variance	Explanation
25	Ammonia	$ 27,014	$ 42,082	56%	The station received 1 more truck for ammonia in March than February.
26	Lime	$ 1,513,513	$ 1,501,605	-1%	
27	Hydrated Lime	$ 22,272	$ 21,274	-4%	
28	Magnesium Hydroxide	$ -	$ -	0%	
29	pH Control Treatment	$ -	$ -	0%	
30	Total	$ 1,562,798	$ 1,564,962		

Duke Energy Kentucky
Case No. 2026-00234
STAFF First Request for Information
Date Received: September 24, 2026

STAFF-DR-01-006

REQUEST:

KRS 278.183(3) provides that during the two-year review the Commission shall, to the extent appropriate, incorporate environmental surcharge amounts found just and reasonable into the existing base rates of the utility.

a. State whether Duke Kentucky believes any surcharge amount needs to be incorporated into its base rates in conjunction with this two-year review. If so, provide the surcharge amount that Duke Kentucky believes should be incorporated into its existing base rates.

b. For subpart a. above, explain how the surcharge amount should be incorporated into the base rates, including all supporting calculations, work papers, and assumptions as well as any analysis that Duke Kentucky believes supports its position. Provide all supporting schedules in Excel spreadsheet format, with formulas intact and unprotected and all rows and columns fully accessible.

c. Provide a schedule that reflects all environmental surcharge amounts previously incorporated into existing base rates and the amount determined in subpart b. above. Include all supporting calculations, workpapers, and assumptions. Provide all supporting schedules in Excel spreadsheet format, with formulas intact and unprotected and all rows and columns fully accessible.

d. State whether Duke Kentucky believes that there will need to be modifications to either the surcharge mechanism or the monthly surcharge reports, other

than a revision to Base Environmental Surcharge Factor, as a result of incorporating environmental surcharge amounts into Duke Kentucky's existing base rates. If so, provide a detailed explanation of the modifications and provide updated monthly surcharge reports.

RESPONSE:

a. Duke Energy Kentucky is not requesting to incorporate any additional environmental surcharge revenues into base rates as part of this two-year review based on the billing period ending May 31, 2026, and expense month ending March 31, 2026. The Company recommends maintaining the current level of environmental surcharge revenues previously incorporated into base rates, totaling $36,024,979.

b. Please see STAFF-DR-01-006 Attachment for the supporting calculations, workpapers, and assumptions underlying the Company's determination that no adjustment to the environmental surcharge amount currently incorporated into base rates is warranted. The Summary Tab of the Attachment presents the Company's analysis, while Support Schedule A provides the detailed supporting calculations. As reflected on the Summary Tab of the Attachment, the environmental compliance revenue requirement was calculated using: (1) environmental compliance rate base as of March 31, 2026; (2) environmental compliance operating expenses for the twelve months ended March 31, 2026; and (3) the pre-tax rate of return authorized in Case No. 2024-00354. The resulting environmental compliance revenue requirement was then multiplied by the jurisdictional allocation ratio reflected in the May 2026 environmental surcharge filing (March 31, 2026 expense month) to determine the jurisdictional environmental compliance revenue requirement. Line 27 annual environmental compliance revenue requirement is $34,317,204. Line 28 reflects the annual environmental surcharge revenues previously incorporated into base rates in the

amount of $36,024,979. The Company recommends maintaining the $36,024,979 of environmental surcharge revenues previously incorporated into base rates. Duke Energy Kentucky has not experienced any significant increases in ESM rate base or operating expenses since that time and does not believe an incremental roll-in is necessary. Maintaining the current amount is reasonable and appropriate because it establishes an adequate funding level to accommodate anticipated fluctuations in future environmental compliance revenue requirements, including monthly variations attributable to seasonal factors, and is intended to maintain the ESM as close to zero as practicable.

c. Please see STAFF-DR-01-006 Attachment, Support Schedule B Tab, Lines 27 through 29, for all environmental surcharge amounts previously incorporated into existing base rates authorized in Cases 2023-00374 and 2025-00024.

d. Duke Energy Kentucky sees no need to modify either the surcharge mechanism or the monthly surcharge reports.

PERSON RESPONSIBLE: Libbie S. Miller

DUKE ENERGY KENTUCKY, INC.
Calculation of ESM Roll-Into Base Rates At March 2026

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source	Environmental Compliance Plans
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.00, March 2026	$ 67,424,599
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.00, March 2026	-
3	Subtotal		$ 67,424,599
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.00, March 2026	$ 17,120
6	Subtotal		$ 17,120
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.00, March 2026	$ 13,290,348
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.00, March 2026	5,364,936
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.00, March 2026	-
11	Subtotal		$ 18,655,284
12	Environmental Compliance Rate Base (RB)	ES Form 2.00, March 2026	$ 48,786,435
13	Pretax Rate of Return (ROR)	See Supporting Schedule A, line 4	9.102%
14	Return on the Environmental Compliance Rate Base (RORB)	(12) x (13)	$ 4,440,541
15	**Determination of Environmental Compliance Operating Expenses (OE)**		
16	Annual Depreciation Expense	See Supporting Schedule A, line 17	$ 2,767,901
17	Annual Taxes Other Than Income Taxes	See Supporting Schedule A, line 17	$ 717,393
18	Annnual Amortization Expense	See Supporting Schedule A, line 17	$ 7,529,209
19	Annual Emission Allowance Expense	See Supporting Schedule A, line 17	$ 390
20	Annual Environmental Reagent Expense	See Supporting Schedule A, line 17	$ 20,667,939
21	Total Environmental Compliance Operating Expense	(16) +(17) + (18) + (19) + (20)	$ 31,682,832
22	Less: Annual Proceeds from Emission Allowance Sales (EAS)	See Supporting Schedule A, line 30	$ -
23	Sub-Total E(m)	(14) + (21) - (22)	$ 36,123,373
24	Jurisdictional Allocation Ratio for Expense Month	Line 30	95.00%
25	Total Jurisdictional E(m)	(23) x (24)	$ 34,317,204
26	Jurisdictional E(m) to be Recovered in Rider PSM	(23) - (25)	$ 1,806,169
27	Jurisdictional Environmental Surcharge Gross Revenue Requirement -- Gross Roll In Amount	(25)	$ 34,317,204
28	Less Jurisdictional Environmental Revenue Previously Rolled In	See Supporting Schedule B, line 27	$ 36,024,979
29	Jurisdictional Environmental Surcharge Gross Revenue Requirement -- Net Roll In Amount	(27) - (28)	$ (1,707,775)

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

30	Retail Revenue	ES Form 3.00, March 2026	$	39,260,368	95.00%
31	Sales for Resale	Company Records	$	2,066,921	5.00%
32	Total Revenue	(30) + (31)	$	41,327,289	100.00%

Supporting Schedule A

DUKE ENERGY KENTUCKY, INC.
Calculation of ESM Roll-Into Base Rates At March 2026

Cost of Capital

Line No.	Capital Structure	Ratio	Cost	Weighted Cost (A)	Gross up for Tax Rate (B)	Pre-Tax Rate of Return (A) x (B)
1	Short-term Debt	4.789%	3.197%	0.153%		0.153%
2	Long-term Debt	42.483%	4.929%	2.094%		2.094%
3	Common Equity	52.728%	9.700%	5.115%	1.3401703	6.855%
4	Total	100.000%		7.362%		9.102%

Note: Capital structure, cost of debt and tax rate gross-up factor as approved in Case No. 2024-00354. These rates are to remain constant until the Commission sets base rates in Duke Kentucky's next base rate case proceeding.

12-Month Balances for Selected Compliance Operating Expenses

Line No.	Expense Month	Depreciation	Taxes Other than Income Taxes	Amortization	Emission Allowance Expense	Environmental Reagent Expense	Total
5	Apr-25	$ 225,897	$ 61,937	$ 589,516	$ 33	$ 1,246,562	$ 2,123,945
6	May-25	225,897	61,690	797,529	21	2,398,674	3,483,811
7	Jun-25	225,897	61,443	644,358	38	2,499,465	3,431,201
8	Jul-25	225,897	61,196	706,789	52	3,124,965	4,118,899
9	Aug-25	225,897	60,950	566,732	-	2,244,380	3,097,959
10	Sep-25	225,897	60,703	713,284	55	460,409	1,460,348
11	Oct-25	235,451	60,444	580,976	3	4,091	880,965
12	Nov-25	235,451	60,187	636,570	27	1,409,485	2,341,720
13	Dec-25	235,451	59,931	618,832	64	2,270,427	3,184,705
14	Jan-26	235,318	59,665	564,223	35	1,881,721	2,740,962
15	Feb-26	235,424	54,742	278,737	40	1,562,799	2,131,742
16	Mar-26	235,424	54,505	831,663	22	1,564,961	2,686,575
17	Totals	$ 2,767,901	$ 717,393	$ 7,529,209	$ 390	$ 20,667,939	$ 31,682,832

12-Month Balances for Proceeds of Emmission Allowances

Line No.	Expense Month	Emission Allowance Proceeds
18	Apr-25	$ -
19	May-25	-
20	Jun-25	-
21	Jul-25	-
22	Aug-25	-
23	Sep-25	-
24	Oct-25	-
25	Nov-25	-
26	Dec-25	-
27	Jan-26	-
28	Feb-26	-
29	Mar-26	-
30	Total	$ -

Supporting Schedule B
(Approved in Case No. 2025-00024)

DUKE ENERGY KENTUCKY, INC.
Calculation of ESM Roll-Into Base Rates At March 2024

Line No.	E(m) = RORB + OE - EAS + Prior Period Adjustment + (Over)/Under Recovery	Source	Environmental Compliance Plans
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.00, March 2024	$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.00, March 2024	-
3	Subtotal		$ 67,432,275
4	Additions:		
5	Inventory - Emission Allowances	ES Form 2.00, March 2024	$ 18,024
6	Subtotal		$ 18,024
7	Deductions:		
8	Accumulated Depreciation on Eligible Environmental Compliance Plant	ES Form 2.00, March 2024	$ 7,811,662
9	Accumulated Deferred Income Taxes on Eligible Environmental Compliance Plant	ES Form 2.00, March 2024	5,407,684
10	Accumulated Deferred Investment Tax Credits (ITC) on Eligible Environmental Compliance Plant	ES Form 2.00, March 2024	-
11	Subtotal		$ 13,219,346
12	Environmental Compliance Rate Base (RB)	ES Form 2.00, March 2024	$ 54,230,953
13	Pretax Rate of Return (ROR)		8.822%
14	Return on the Environmental Compliance Rate Base (RORB)	(12) x (13)	$ 4,784,255
15	**Determination of Environmental Compliance Operating Expenses (OE)**		
16	Annual Depreciation Expense		$ 1,665,576
17	Annual Taxes Other Than Income Taxes		$ 771,574
18	Annnual Amortization Expense		$ 9,322,572
19	Annual Emission Allowance Expense		$ 408
20	Annual Environmental Reagent Expense		$ 20,084,979
21	Total Environmental Compliance Operating Expense	(16) +(17) + (18) + (19) + (20)	$ 31,845,109
22	Less: Annual Proceeds from Emission Allowance Sales (EAS)		$ -
23	Sub-Total E(m)	(14) + (21) - (22)	$ 36,629,364
24	Jurisdictional Allocation Ratio for Expense Month	Line 30	98.35%
25	Total Jurisdictional E(m)	(23) x (24)	$ 36,024,979
26	Jurisdictional E(m) to be Recovered in Rider PSM	(23) - (25)	$ 604,385
27	Jurisdictional Environmental Surcharge Gross Revenue Requirement -- Gross Roll In Amount	(25)	$ 36,024,979
28	Less Jurisdictional Environmental Revenue Previously Rolled In [(a)]		22,535,632
29	Jurisdictional Environmental Surcharge Gross Revenue Requirement -- Net Roll In Amount [(b)]	(27) - (28)	$ 13,489,347

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

30	Retail Revenue	ES Form 3.00, March 2024	$ 32,584,399	98.35%
31	Sales for Resale	ES Form 3.00, March 2024	$ 546,117	1.65%
32	Total Revenue	(30) + (31)	$ 33,130,516	100.00%

[(a)] Per Order in Case No. 2023-00374
[(b)] Per Order in Case No. 2025-00024