

**KyPSC Case No. 2026-00041**  
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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 answers contained therein are 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 22nd day of April, 2026.

Teresa W. Miller  
NOTARY PUBLIC

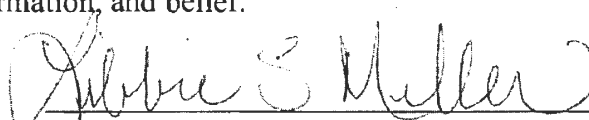
My Commission Expires: August 28, 2028




**VERIFICATION**

STATE OF OHIO                    )  
  )  
COUNTY OF HAMILTON        )        SS:

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, Affiant

Subscribed and sworn to before me Libbie S. Miller on this 21<sup>st</sup> day of April, 2026.

  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: July 8, 2027



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

**Duke Energy Kentucky**  
**Case No. 2026-00041**  
**STAFF First Request for Information**  
**Date Received: April 3, 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 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 2 – 042025 DEK ESM Filing for 062025
- STAFF-DR-01-001 Attachment 3 – 052025 DEK ESM Filing for 072025
- STAFF-DR-01-001 Attachment 4 – 062025 DEK ESM Filing for 082025
- STAFF-DR-01-001 Attachment 5 – 072025 DEK ESM Filing for 092025
- STAFF-DR-01-001 Attachment 6 – 082025 DEK ESM Filing for 102025

- STAFF-DR-01-001 Attachment 7 – 092025 DEK ESM Filing for 112025
- STAFF-DR-01-001 Attachment 8 – 102025 DEK ESM Filing for 122025
- STAFF-DR-01-001 Attachment 9 – 112025 DEK ESM Filing for 012026

**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 2025	May 2025	June 2025	July 2025	August 2025	September 2025	October 2025	November 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	\$ 49,945,725	\$ 49,712,951
2	RB + 12 months	(1) + 12	\$ 4,275,544	\$ 4,256,744	\$ 4,237,943	\$ 4,219,140	\$ 4,200,342	\$ 4,181,540	\$ 4,162,144	\$ 4,142,746
3	Pretax Rate of Return (ROR)	ES Form 1.20	8.822%	8.822%	8.822%	8.822%	8.822%	8.822%	9.102%	9.102%
4	Return on the Environmental Compliance Rate Base (RORB)	(2) x (3)	\$ 377,188	\$ 375,530	\$ 373,871	\$ 372,213	\$ 370,554	\$ 368,895	\$ 378,838	\$ 377,073
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	\$ 880,965	\$ 2,341,720
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	\$ 1,259,803	\$ 2,718,793
8	Jurisdictional Allocation Ratio for Expense Month	Line 19	98.44%	98.39%	98.21%	97.71%	97.51%	97.54%	97.57%	97.40%
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	\$ 1,229,190	\$ 2,648,104
10	Prior Period Adjustment (if necessary)	(A)	+ \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10.5	Commission 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)	\$ (114,289)	\$ 370,963
12	Revenue Collected through Base Rates		- \$ 1,877,969	\$ 1,877,969	\$ 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)	\$ (763,068)	\$ 1,141,098
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	\$ 39,018	\$ 62,135	\$ 68,111	\$ 102,846	\$ 86,366	\$ 44,999	\$ 30,613	\$ 70,689
15	<u>Revenues as a Percentage of 12 Month Average Total Revenues</u>									
16	Residential	ES Form 3.00	43.04%	42.83%	42.48%	42.79%	43.18%	43.05%	43.04%	43.03%
17	Non-Residential	ES Form 3.00	56.96%	57.17%	57.52%	57.21%	56.82%	56.95%	56.96%	56.97%
18	<u>Adjusted Net Jurisdictional E(m) - Allocated</u>									
19	Residential	(13) * (16)	\$ 232,404	\$ 843,255	\$ 766,283	\$ 711,505	\$ 207,686	\$ (243,659)	\$ (328,425)	\$ 491,014
20	Non-Residential	(13) * (17)	\$ 307,569	\$ 1,125,588	\$ 1,037,585	\$ 951,279	\$ 273,291	\$ (322,331)	\$ (434,643)	\$ 650,084
21	<u>R(m)</u>									
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	\$ 16,631,512	\$ 16,509,432
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	\$ 14,505,733	\$ 14,276,292
24	<u>Environmental Surcharge Billing Factor</u>									
25	Residential	(19) / (22)	1.49%	5.43%	4.96%	4.56%	1.29%	-1.48%	-1.97%	2.97%
26	Non-Residential	(20) / (23)	2.34%	8.55%	7.75%	7.04%	1.98%	-2.26%	-3.00%	4.55%

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. 2025-00002.

**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	Commission 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	43.04%	56.96%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 232,404	\$ 307,569
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 15,605,359	\$ 13,157,563
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,479
6	Subtotal		\$ 17,479
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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)	5,485	(330,346)
50	Dec-20	Actual -	\$ -	\$ 91,508	(202,486)	\$ 13,589,232	\$ 295,353	\$ (226,553)	\$ 17,705	\$ (429,039)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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)	(854,856)
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)	-	-	(597,845)
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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of April 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	274,407	-	165	-	274,242
Dollars	\$ 16,013.35	\$ -	\$ 9.90	\$ -	\$ 16,003.45
\$/Allowance	\$ 0.058356	\$ -	\$ 0.060000	\$ -	\$ 0.058355
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	16,302	-	262	-	16,040
Dollars	\$ 1,456.43	\$ -	\$ 23.58	\$ -	\$ 1,432.85
\$/Allowance	\$ 0.089341	\$ -	\$ 0.090000	\$ -	\$ 0.089330
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,733	-	-	-	2,733
Dollars	\$ 42.26	\$ -	\$ -	\$ -	\$ 42.26
\$/Allowance	\$ 0.015463	\$ -	\$ -	\$ -	\$ 0.015463
<b>Total Emission Allowances</b>					
Quantity	293,442	-	427	-	293,015
Dollars	\$ 17,512.04	\$ -	\$ 33.48	\$ -	\$ 17,478.56

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 1,246,562</u>	<u>\$ 1,246,562</u>

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

<b>Residential - Kentucky Jurisdictional Revenues</b>					
(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%

<b>Non-Residential - Kentucky Jurisdictional Revenues</b>						
(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	Commission 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	42.83%	57.17%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 843,255	\$ 1,125,588
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 15,518,335	\$ 13,159,076
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,457
6	Subtotal		\$ 17,457
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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 (2)-(3)	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
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

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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 2025

Line No.	Period (1)	Actual	Coal Ash ARO			Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
			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)
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	-	(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

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	274,242	-	81	-	274,161
Dollars	\$ 16,003.45	\$ -	\$ 4.86	\$ -	\$ 15,998.59
\$/Allowance	\$ 0.058355	\$ -	\$ 0.060000	\$ -	\$ 0.058355
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	16,040	-	95	-	15,945
Dollars	\$ 1,432.85	\$ -	\$ 8.55	\$ -	\$ 1,424.30
\$/Allowance	\$ 0.089330	\$ -	\$ 0.090000	\$ -	\$ 0.089326
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,733	-	95	-	2,638
Dollars	\$ 42.26	\$ -	\$ 8.07	\$ -	\$ 34.19
\$/Allowance	\$ 0.015463	\$ -	\$ 0.084947	\$ -	\$ 0.012961
<b>Total Emission Allowances</b>					
Quantity	293,015	-	271	-	292,744
Dollars	\$ 17,478.56	\$ -	\$ 21.48	\$ -	\$ 17,457.08

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 2,398,674</u>	<u>\$ 2,398,674</u>

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

<b>Residential - Kentucky Jurisdictional Revenues</b>					
(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%

<b>Non-Residential - Kentucky Jurisdictional Revenues</b>						
(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	Commission 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	42.48%	57.52%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 766,283	\$ 1,037,585
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 15,448,879	\$ 13,386,053
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,419
6	Subtotal		\$ 17,419
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

Line No.	Period (1)	Actual	Coal Ash ARO			Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)		
			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)
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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of June 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	274,161	-	171	-	273,990
Dollars	\$ 15,998.59	\$ -	\$ 10.26	\$ -	\$ 15,988.33
\$/Allowance	\$ 0.058355	\$ -	\$ 0.060000	\$ -	\$ 0.058354
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,945	-	161	-	15,784
Dollars	\$ 1,424.30	\$ -	\$ 14.49	\$ -	\$ 1,409.81
\$/Allowance	\$ 0.089326	\$ -	\$ 0.090000	\$ -	\$ 0.089319
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,638	-	161	-	2,477
Dollars	\$ 34.19	\$ -	\$ 13.29	\$ -	\$ 20.90
\$/Allowance	\$ 0.012961	\$ -	\$ 0.082547	\$ -	\$ 0.008438
<b>Total Emission Allowances</b>					
Quantity	292,744	-	493	-	292,251
Dollars	\$ 17,457.08	\$ -	\$ 38.04	\$ -	\$ 17,419.04

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 2,499,465</u>	<u>\$ 2,499,465</u>

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	Commission 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	42.79%	57.21%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 711,505	\$ 951,279
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 15,593,241	\$ 13,507,554
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,367
6	Subtotal		\$ 17,367
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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 (2)-(3)	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
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

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

Line No.	Period (1)	Actual	Coal Ash ARO			Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
			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)
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	-	(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

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	273,990	-	280	-	273,710
Dollars	\$ 15,988.33	\$ -	\$ 16.80	\$ -	\$ 15,971.53
\$/Allowance	\$ 0.058354	\$ -	\$ 0.060000	\$ -	\$ 0.058352
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,784	-	208	-	15,576
Dollars	\$ 1,409.81	\$ -	\$ 18.72	\$ -	\$ 1,391.09
\$/Allowance	\$ 0.089319	\$ -	\$ 0.090000	\$ -	\$ 0.089310
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,477	-	208	-	2,269
Dollars	\$ 20.90	\$ -	\$ 16.25	\$ -	\$ 4.65
\$/Allowance	\$ 0.008438	\$ -	\$ 0.078125	\$ -	\$ 0.002049
<b>Total Emission Allowances</b>					
Quantity	292,251	-	696	-	291,555
Dollars	\$ 17,419.04	\$ -	\$ 51.77	\$ -	\$ 17,367.27

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 3,124,965</u>	<u>\$ 3,124,965</u>

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	43.18%	56.82%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 207,686	\$ 273,291
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 16,142,107	\$ 13,832,101
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,367
6	Subtotal		\$ 17,367
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	-	15,893,242	-	-	14,037	-
17	Mar-18	Actual 396,977	(26,763)	93,696	-	16,347,152	-	-	36,260	-
18	Apr-18	Actual 132,294	-	111,722	-	16,591,168	173,000	-	88,888	-
19	May-18	Actual -	-	112,480	-	16,703,648	100,234	-	128,843	-
20	Jun-18	Actual -	-	111,870	(202,486)	16,613,032	150,901	(173,000)	16	(375,486)
21	Jul-18	Actual -	-	111,255	(202,486)	16,521,801	196,585	(100,234)	29,844	(302,720)
22	Aug-18	Actual -	-	110,637	(202,486)	16,429,952	321,815	(150,901)	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	1,065,495	(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	(1,065,495)	-	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of August 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances <sup>(b)</sup></b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	273,710	-	-	-	273,710
Dollars	\$ 15,971.53	\$ -	\$ -	\$ -	\$ 15,971.53
\$/Allowance	\$ 0.058352	\$ -	\$ -	\$ -	\$ 0.058352
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,576	-	-	-	15,576
Dollars	\$ 1,391.09	\$ -	\$ -	\$ -	\$ 1,391.09
\$/Allowance	\$ 0.089310	\$ -	\$ -	\$ -	\$ 0.089310
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,269	-	-	-	2,269
Dollars	\$ 4.65	\$ -	\$ -	\$ -	\$ 4.65
\$/Allowance	\$ 0.002049	\$ -	\$ -	\$ -	\$ 0.002049
<b>Total Emission Allowances</b>					
Quantity	291,555	-	-	-	291,555
Dollars	\$ 17,367.27	\$ -	\$ -	\$ -	\$ 17,367.27

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 2,244,380</u>	<u>\$ 2,244,380</u>

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	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	ES Form 3.00 ES Form 3.00	\$ 16,423,464 \$ 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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,312
6	Subtotal		\$ 17,312
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NO <sub>x</sub> Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)	
		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)
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	-	15,893,242	-	-	14,037	-	-
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)

**DUKE ENERGY KENTUCKY, INC.**  
**ENVIRONMENTAL SURCHARGE REPORT**

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	1,065,495	(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	(1,065,495)	-	-	(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)

**DUKE ENERGY KENTUCKY, INC.**  
**ENVIRONMENTAL SURCHARGE REPORT**

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of September 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances <sup>(b)</sup></b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	273,710	-	287	-	273,423
Dollars	\$ 15,971.53	\$ -	\$ 17.22	\$ -	\$ 15,954.31
\$/Allowance	\$ 0.058352	\$ -	\$ 0.060000	\$ -	\$ 0.058350
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,576	-	231	-	15,345
Dollars	\$ 1,391.09	\$ -	\$ 20.79	\$ -	\$ 1,370.30
\$/Allowance	\$ 0.089310	\$ -	\$ 0.090000	\$ -	\$ 0.089299
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,269	-	230	-	2,039
Dollars	\$ 4.65	\$ -	\$ 17.27	\$ -	\$ (12.62)
\$/Allowance	\$ 0.002049	\$ -	\$ 0.075087	\$ -	\$ (0.006189)
<b>Total Emission Allowances</b>					
Quantity	291,555	-	748	-	290,807
Dollars	\$ 17,367.27	\$ -	\$ 55.28	\$ -	\$ 17,311.99

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 460,409</u>	<u>\$ 460,409</u>

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		- \$ <u>1,877,969</u>
13	Total Adjusted Net Jurisdictional E(m)	(9) + (10) + (11) - (12)	\$ <u>(763,068)</u>
14	Jurisdictional E(m) to be Recovered in Rider PSM	(7) - (9)	\$ <u>30,613</u>

**Calculation of Environmental Surcharge Billing Factors**

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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,309
6	Subtotal		\$ 17,309
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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) <sup>(a)</sup>	(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 (2)-(3)	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
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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	-	15,893,242	-	-	14,037	-
17	Mar-18	Actual 396,977	(26,763)	93,696	-	16,347,152	-	-	36,260	-
18	Apr-18	Actual 132,294	-	111,722	-	16,591,168	173,000	-	88,888	-
19	May-18	Actual -	-	112,480	-	16,703,648	100,234	-	128,843	-
20	Jun-18	Actual -	-	111,870	(202,486)	16,613,032	150,901	(173,000)	16	(375,486)
21	Jul-18	Actual -	-	111,255	(202,486)	16,521,801	196,585	(100,234)	29,844	(302,720)
22	Aug-18	Actual -	-	110,637	(202,486)	16,429,952	321,815	(150,901)	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	1,065,495	(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	(1,065,495)	-	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of October 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	273,423	-	-	-	273,423
Dollars	\$ 15,954.31	\$ -	\$ -	\$ -	\$ 15,954.31
\$/Allowance	\$ 0.058350	\$ -	\$ -	\$ -	\$ 0.058350
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,345	-	35	-	15,310
Dollars	\$ 1,370.30	\$ -	\$ 3.15	\$ -	\$ 1,367.15
\$/Allowance	\$ 0.089299	\$ -	\$ 0.090000	\$ -	\$ 0.089298
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,039	-	-	-	2,039
Dollars	\$ (12.62)	\$ -	\$ -	\$ -	\$ (12.62)
\$/Allowance	\$ (0.006189)	\$ -	\$ -	\$ -	\$ (0.006189)
<b>Total Emission Allowances</b>					
Quantity	290,807	-	35	-	290,772
Dollars	\$ 17,311.99	\$ -	\$ 3.15	\$ -	\$ 17,308.84

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 4,091</u>	<u>\$ 4,091</u>

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

<b>Residential - Kentucky Jurisdictional Revenues</b>					
(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%

<b>Non-Residential - Kentucky Jurisdictional Revenues</b>						
(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	43.03%	56.97%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ 491,014	\$ 650,084
17	<b>R(m)</b> Residential R(m) = Average Total Revenue (Total Revenue excluding ESM Revenue) Non-Residential R(m) = Average Net Revenue (Total Revenue excluding ESM Revenue, Base Fuel and FAC Revenue)	\$ 16,509,432	\$ 14,276,292
18	Adjusted Net Jurisdictional E(m) / R(m)	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

<b>Line No.</b>	<b>Determination of Environmental Compliance Rate Base (RB)</b>	<b>Source</b>	<b>Amount</b>
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	<u>Additions:</u>		
5	Inventory - Emission Allowances	ES Form 2.30	\$ 17,282
6	Subtotal		\$ 17,282
7	<u>Deductions:</u>		
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	<b><u>Determination of Environmental Compliance Operating Expenses (OE)</u></b>		
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	<b><u>Proceeds from Emission Allowance Sales (EAS)</u></b>		
21	SO <sub>2</sub> Allowance Sales		\$ -
22	NO <sub>x</sub> Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<b><u>(Over) / Under Recovery</u></b>		
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)

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 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) <sup>(d)</sup>	(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 (2)-(3)	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
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

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	-	15,893,242	-	-	14,037	-
17	Mar-18	Actual 396,977	(26,763)	93,696	-	16,347,152	-	-	36,260	-
18	Apr-18	Actual 132,294	-	111,722	-	16,591,168	173,000	-	88,888	-
19	May-18	Actual -	-	112,480	-	16,703,648	100,234	-	128,843	-
20	Jun-18	Actual -	-	111,870	(202,486)	16,613,032	150,901	(173,000)	16	(375,486)
21	Jul-18	Actual -	-	111,255	(202,486)	16,521,801	196,585	(100,234)	29,844	(302,720)
22	Aug-18	Actual -	-	110,637	(202,486)	16,429,952	321,815	(150,901)	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure			Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)
		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)	
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	1,065,495	(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	(1,065,495)	-	-	(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)

DUKE ENERGY KENTUCKY, INC.  
 ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of November 2025

Line No.	Period (1)	Coal Ash ARO				Coal Ash ARO and Landfill Closure		Landfill Closure (a)		Total Recovery (11)=(5)+(8)+(10)	
		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)
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

<b>Total SO<sub>2</sub> and NO<sub>x</sub> Emission Allowances</b>					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
<b>SO<sub>2</sub> Allowances - Acid Rain Program (a)</b>					
Quantity	273,423	-	97	-	273,326
Dollars	\$ 15,954.31	\$ -	\$ 5.82	\$ -	\$ 15,948.49
\$/Allowance	\$ 0.058350	\$ -	\$ 0.060000	\$ -	\$ 0.058350
<b>NO<sub>x</sub> Allowances - Annual</b>					
Quantity	15,310	-	234	-	15,076
Dollars	\$ 1,367.15	\$ -	\$ 21.06	\$ -	\$ 1,346.09
\$/Allowance	\$ 0.089298	\$ -	\$ 0.090000	\$ -	\$ 0.089287
<b>NO<sub>x</sub> Allowances - Seasonal</b>					
Quantity	2,039	-	-	-	2,039
Dollars	\$ (12.62)	\$ -	\$ -	\$ -	\$ (12.62)
\$/Allowance	\$ (0.006189)	\$ -	\$ -	\$ -	\$ (0.006189)
<b>Total Emission Allowances</b>					
Quantity	290,772	-	331	-	290,441
Dollars	\$ 17,308.84	\$ -	\$ 26.88	\$ -	\$ 17,281.96

(a) Note: The SO<sub>2</sub> Allowances exclude the CSSO<sub>2</sub>G1 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

<b>Line No.</b>	<b>Expense Type</b>	<b>Account Number</b>	<b>East Bend Unit 2</b>	<b>Total</b>
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		<u>\$ 1,409,485</u>	<u>\$ 1,409,485</u>

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

<b>Residential - Kentucky Jurisdictional Revenues</b>						
(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%

<b>Non-Residential - Kentucky Jurisdictional Revenues</b>							
(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%	

**Duke Energy Kentucky**  
**Case No. 2026-00041**  
**STAFF First Request for Information**  
**Date Received: April 3, 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. 2026-00041**  
**STAFF First Request for Information**  
**Date Received: April 3, 2026**

**STAFF-DR-01-003**

**REQUEST:**

Provide the actual average residential customer's monthly usage as of November 30, 2025. 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 917 kWh per month for the 6 months ending November 30, 2025.

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

**Duke Energy Kentucky**  
**Case No. 2026-00041**  
**STAFF First Request for Information**  
**Date Received: April 3, 2026**

**STAFF-DR-01-004**

**REQUEST:**

Refer to ES Form 2.30, Inventory and Expense of Emission Allowances, for each of the expense months covered by the applicable billing periods.

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. For each month in the six-month review period, explain how any purchases of allowances comply with Duke Kentucky's emissions allowance strategy plan.

d. For each month in the six-month review period, provide the calculation that supports the total cost of allowances utilized that is then carried to ES Form 2.00. 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 4.d.

**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**

**SO2 Allowances - Acid Rain Program**

	Quantities Begin Bal	QuantitiesAl locations	Quantities Utilized	Quantities Sold	Quantities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI
Apr	274,407	0	(165)	0	274,242	\$ 16,013.35	\$ -	\$ (9.90)		\$ 16,003.45	\$ 0.06
May	274,242	0	(81)	0	274,161	\$ 16,003.45	\$ -	\$ (4.86)		\$ 15,998.59	\$ 0.06
Jun	274,161	0	(171)	0	273,990	\$ 15,998.59	\$ -	\$ (10.26)		\$ 15,988.33	\$ 0.06
Jul	273,990	0	(280)	0	273,710	\$ 15,988.33	\$ -	\$ (16.80)		\$ 15,971.53	\$ 0.06
Aug	273,710	0	0	0	273,710	\$ 15,971.53	\$ -	\$ -		\$ 15,971.53	\$ 0.06
Sep	273,710	0	(287)	0	273,423	\$ 15,971.53	\$ -	\$ (17.22)		\$ 15,954.31	\$ 0.06
Oct	273,423	0	0	0	273,423	\$ 15,954.31	\$ -	\$ -		\$ 15,954.31	\$ 0.06
Nov	273,423	0	(97)	0	273,326	\$ 15,954.31	\$ -	\$ (5.82)		\$ 15,948.49	\$ 0.06

Tons	\$
Utilized	Utilized
165	\$ 9.90
81	\$ 4.86
171	\$ 10.26
280	\$ 16.80
- (a)	\$ -
287 (a)	\$ 17.22
-	\$ -
97	\$ 5.82
1,081	\$ 64.86

**NOx Allowances - Annual**

	Quantities Begin Bal	QuantitiesAl locations	Quantities Utilized	Quantities Sold	Quantities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI
Apr	16,302	0	(262)	0	16,040	\$ 1,456.43	\$ -	\$ (23.58)		\$ 1,432.85	\$ 0.09
May	16,040	0	(95)	0	15,945	\$ 1,432.85	\$ -	\$ (8.55)		\$ 1,424.30	\$ 0.09
Jun	15,945	0	(161)	0	15,784	\$ 1,424.30	\$ -	\$ (14.49)		\$ 1,409.81	\$ 0.09
Jul	15,784	0	(208)	0	15,576	\$ 1,409.81	\$ -	\$ (18.72)		\$ 1,391.09	\$ 0.09
Aug	15,576	0	0	0	15,576	\$ 1,391.09	\$ -	\$ -		\$ 1,391.09	\$ 0.09
Sep	15,576	0	(231)	0	15,345	\$ 1,391.09	\$ -	\$ (20.79)		\$ 1,370.30	\$ 0.09
Oct	15,345	0	(35)	0	15,310	\$ 1,370.30	\$ -	\$ (3.15)		\$ 1,367.15	\$ 0.09
Nov	15,310	0	(234)	0	15,076	\$ 1,367.15	\$ -	\$ (21.06)		\$ 1,346.09	\$ 0.09

Tons	\$
Utilized	Utilized
262	\$ 23.58
95	\$ 8.55
161	\$ 14.49
208	\$ 18.72
- (a)	\$ -
231 (a)	\$ 20.79
35	\$ 3.15
234	\$ 21.06
1,226	\$ 110.34

**NOx Allowances - Seasonal**

	Quantities Begin Bal	QuantitiesAl locations	Quantities Utilized	Quantities Sold	Quantities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal	WACI
Apr	2,733	0	0	0	2,733	\$ 42.26	\$ -	\$ -		\$ 42.26	\$ 0.02
May	2,733	0	(95)	0	2,638	\$ 42.26	\$ -	\$ (8.07)		\$ 34.19	\$ 0.02
Jun	2,638	0	(161)	0	2,477	\$ 34.19	\$ -	\$ (13.29)		\$ 20.90	\$ 0.01
Jul	2,477	0	(208)	0	2,269	\$ 20.90	\$ -	\$ (16.25)		\$ 4.65	\$ 0.01
Aug	2,269	0	0	0	2,269	\$ 4.65	\$ -	\$ -		\$ 4.65	\$ -
Sep	2,269	0	(230)	0	2,039	\$ 4.65	\$ -	\$ (17.27)		\$ (12.62)	\$ (b)
Oct	2,039	0	0	0	2,039	\$ (12.62)	\$ -	\$ -		\$ (12.62)	\$ (b)
Nov	2,039	0	0	0	2,039	\$ (12.62)	\$ -	\$ -		\$ (12.62)	\$ (b)

Tons	\$
Utilized	Utilized
-	\$ -
95	\$ 8.07
161	\$ 13.29
208	\$ 16.25
- (a)	\$ -
230 (a)	\$ 17.27
- (b)	\$ -
- (b)	\$ -
694	\$ 54.88

**Total Emission Allowances**

	Quantities Begin Bal	QuantitiesAl locations	Quantities Utilized	Quantities Sold	Quantities End Bal	Dollars Begin Bal	Dollars Allocations	Dollars Utilized	Dollars Sold	Dollars End Bal
Apr	293,442	0	(427)	0	293,015	\$ 17,512.04	\$ -	\$ (33.48)	\$ -	\$ 17,478.56
May	293,015	0	(271)	0	292,744	\$ 17,478.56	\$ -	\$ (21.48)	\$ -	\$ 17,457.08
Jun	292,744	0	(493)	0	292,251	\$ 17,457.08	\$ -	\$ (38.04)	\$ -	\$ 17,419.04
Jul	292,251	0	(696)	0	291,555	\$ 17,419.04	\$ -	\$ (51.77)	\$ -	\$ 17,367.27
Aug	291,555	0	0	0	291,555	\$ 17,367.27	\$ -	\$ -	\$ -	\$ 17,367.27
Sep	291,555	0	(748)	0	290,807	\$ 17,367.27	\$ -	\$ (55.28)	\$ -	\$ 17,311.99
Oct	290,807	0	(35)	0	290,772	\$ 17,311.99	\$ -	\$ (3.15)	\$ -	\$ 17,308.84
Nov	290,772	0	(331)	0	290,441	\$ 17,308.84	\$ -	\$ (26.88)	\$ -	\$ 17,281.96

Tons	\$
Utilized	Utilized
427	\$ 33.48
271	\$ 21.48
493	\$ 38.04
696	\$ 51.77
- (a)	\$ -
748 (a)	\$ 55.28
35	\$ 3.15
331	\$ 26.88
3,001	\$ 230.08

Notes:  
 (a) August 2025 emission allowance consumption booked in the general ledger in September 2025  
 (b) Negative ending inventory is being investigated and corrections will be made as appropriate

**Duke Energy Kentucky**  
**Case No. 2026-00041**  
**STAFF First Request for Information**  
**Date Received: April 3, 2026**

**STAFF-DR-01-005**

**REQUEST:**

Refer to ES Form 2.50, Environmental Reagent Expenses for each of the expense months of the 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

Environmental Reagent Expense Variance Explanations  
 Duke Energy Kentucky  
 April 25 - September 25

<u>Reagent</u>	<u>April 25</u>	<u>May 25</u>	<u>Variance</u>	<u>Explanation</u>
1 Ammonia	\$ 33,026	\$ 42,695	29%	Two additional trucks unloaded in May vs April. Issues with the Ammonia injection system in April that were resolved prior to May.
2 Lime	\$ 1,160,095	\$ 2,230,354	92%	One barge started unloading in April but was not charged until fully unloaded in May. Silo level reading at end of April was indicating higher than actual. This reduced cost in April and increased cost in May.
3 Hydrated Lime	\$ 53,441	\$ 96,857	81%	Bills of Lading (BOL) missed in prior months were reconciled in May 2025, causing the increase from April to May. Usage costs were within 10% variance, not including the reconciled BOLs.
4 Magnesium Hydroxide	\$ -	\$ -	0%	
5 pH Control Treatment	\$ -	\$ 28,768	100%	Cost is incurred when chemical tote is purchased. Tote lasts 2-3 months.
6 Total	<u>\$ 1,246,563</u>	<u>\$ 2,398,674</u>		

<u>Reagent</u>	<u>May 25</u>	<u>June 25</u>	<u>Variance</u>	<u>Explanation</u>
7 Ammonia	\$ 42,695	\$ 61,778	45%	Total generation in June was 56% higher than May.
8 Lime	\$ 2,230,354	\$ 2,364,488	6%	
9 Hydrated Lime	\$ 96,857	\$ 73,199	-24%	BOLs missed in prior months were reconciled in May 2025, causing the decrease from May to June. Without the BOL reconciliation, the June cost would be 40-45% higher than May. This is due to June generation being 56% higher than May.
10 Magnesium Hydroxide	\$ -	\$ -	0%	
11 pH Control Treatment	\$ 28,768	\$ -	-100%	Cost is incurred when chemical tote is purchased. Tote lasts 2-3 months.
12 Total	<u>\$ 2,398,674</u>	<u>\$ 2,499,464</u>		

<u>Reagent</u>	<u>June 25</u>	<u>July 25</u>	<u>Variance</u>	<u>Explanation</u>
13 Ammonia	\$ 61,778	\$ 79,522	29%	Total generation was 45% higher in July than June. One delivery unaccounted for in July that was charged in September.
14 Lime	\$ 2,364,488	\$ 2,909,460	23%	Total generation was 45% higher in July than June. July lime prices reduced 17% compared to June.
15 Hydrated Lime	\$ 73,199	\$ 135,983	86%	Total generation was 45% higher in July than June and hydrated lime system was operated ~33% higher feed rate.
16 Magnesium Hydroxide	\$ -	\$ -	0%	
17 pH Control Treatment	\$ -	\$ -	0%	
18 Total	<u>\$ 2,499,464</u>	<u>\$ 3,124,965</u>		

<u>Reagent</u>	<u>July 25</u>	<u>August 25</u>	<u>Variance</u>	<u>Explanation</u>
19 Ammonia	\$ 79,522	\$ 94,666	19%	One delivery unaccounted for in July that was charged to September. 6.6% increase in cost from July to Aug.
20 Lime	\$ 2,909,460	\$ 2,027,647	-30%	Total generation was 10% lower in August than July. One barge in August was not charged until October.
21 Hydrated Lime	\$ 135,983	\$ 93,017	-32%	Total generation was 10% lower in August than July. Hydrated lime feed issues resulted in lower injection rates in August.
22 Magnesium Hydroxide	\$ -	\$ -	0%	
23 pH Control Treatment	\$ -	\$ 29,050	100%	Cost is incurred when chemical tote is purchased. Tote lasts 2-3 months.
24 Total	<u>\$ 3,124,965</u>	<u>\$ 2,244,379</u>		

<u>Reagent</u>	<u>August 25</u>	<u>September 25</u>	<u>Variance</u>	<u>Explanation</u>
25 Ammonia	\$ 94,666	\$ 24,972	-74%	Decrease due to a planned outage beginning in early September
26 Lime	\$ 2,027,647	\$ 421,407	-79%	Decrease due to a planned outage beginning in early September
27 Hydrated Lime	\$ 93,017	\$ 14,030	-85%	Decrease due to a planned outage beginning in early September
28 Magnesium Hydroxide	\$ -	\$ -	0%	
29 pH Control Treatment	\$ 29,050	\$ -	-100%	Cost is incurred when chemical tote is purchased. Tote lasts 2-3 months.
30 Total	<u>\$ 2,244,379</u>	<u>\$ 460,409</u>		