

KyPSC Case No. 2026-00041
TABLE OF CONTENTS

DATA REQUEST

WITNESS

TAB NO.

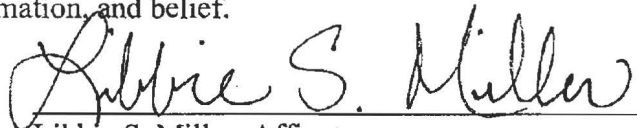
STAFF-DR-02-001

Libbie S. Miller1

VERIFICATION

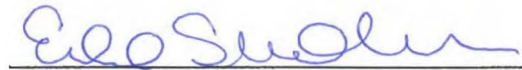
STATE OF OHIO)
)
COUNTY OF HAMILTON) SS:

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 by Libbie S. Miller on this 29th day of May, 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 Second Request for Information
Date Received: May 8, 2026

STAFF-DR-02-001

REQUEST:

Refer to Duke Kentucky's environmental surcharge reports and supporting data incorporated by reference into this matter. Refer also to Case No. 2025-00237. Update ES Form 3.00 for the expense months under review to break out the Environmental Surcharge Revenues into the amounts included in base revenues and the rider revenues for transparency the same way fuel revenues are presented in the non-residential section of Form 3.00, Columns 3 and 4, as established in the last environmental surcharge review case, Case No. 2025-00237.2 Reconcile the differences and correct any forms, including all affected values and future months. Update the over/under calculation, if affected.

RESPONSE:

Please see the following attachments for each expense month, which include an updated ES Form 3.00 breaking out the Environmental Surcharge Revenues into the amounts included in base revenues (Column 5) and the rider revenues (Column 6):

- STAFF-DR-02-001 Attachment 1 – 042025 DEK ESM Filing for 062025
- STAFF-DR-02-001 Attachment 2 – 052025 DEK ESM Filing for 072025
- STAFF-DR-02-001 Attachment 3 – 062025 DEK ESM Filing for 082025
- STAFF-DR-02-001 Attachment 4 – 072025 DEK ESM Filing for 092025
- STAFF-DR-02-001 Attachment 5 – 082025 DEK ESM Filing for 102025
- STAFF-DR-02-001 Attachment 6 – 092025 DEK ESM Filing for 112025

Please see STAFF-DR-02-001 Attachment 7 for a summary of the breakout of ESM revenues between base revenues and rider revenues for each expense month.

The (over)/under recovery calculation was not affected and does not need to be updated.

PERSON RESPONSIBLE: Libbie S. Miller

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	R(m) 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

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 1,200,230
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,257,993
27	(Over) / Under Recovery		\$ (57,763)

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

ES FORM 2.10

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

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

For the Expense Month of April 2025

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

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

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)		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)	5,485	-	(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)	(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 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

Total SO₂ and NO_x Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)					
Quantity	274,407	-	165	-	274,242
Dollars	\$ 16,013.35	\$ -	\$ 9.90	\$ -	\$ 16,003.45
\$/Allowance	\$ 0.058356	\$ -	\$ 0.060000	\$ -	\$ 0.058355
NO_x Allowances - Annual					
Quantity	16,302	-	262	-	16,040
Dollars	\$ 1,456.43	\$ -	\$ 23.58	\$ -	\$ 1,432.85
\$/Allowance	\$ 0.089341	\$ -	\$ 0.090000	\$ -	\$ 0.089330
NO_x Allowances - Seasonal					
Quantity	2,733	-	-	-	2,733
Dollars	\$ 42.26	\$ -	\$ -	\$ -	\$ 42.26
\$/Allowance	\$ 0.015463	\$ -	\$ -	\$ -	\$ 0.015463
Total Emission Allowances					
Quantity	293,442	-	427	-	293,015
Dollars	\$ 17,512.04	\$ -	\$ 33.48	\$ -	\$ 17,478.56

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of April 2025

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

Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
May-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			2,559,060	(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
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						\$ 15,605,359
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						\$ 36,255,512
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month						43.04%

Non-Residential - Kentucky Jurisdictional Revenues							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
May-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	1,196,878	(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
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 1.20

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

Cost of Capital

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

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

ES FORM 2.00

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

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of May 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 1,265,367
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		1,236,956
27	(Over) / Under Recovery		\$ 28,411

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

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

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

For the Expense Month of May 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) ^(a)	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of May-25	Accumulated Depreciation as of May-25	Net Plant in-Service as of May-25 (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	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 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

Total SO₂ and NO_x Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)					
Quantity	274,242	-	81	-	274,161
Dollars	\$ 16,003.45	\$ -	\$ 4.86	\$ -	\$ 15,998.59
\$/Allowance	\$ 0.058355	\$ -	\$ 0.060000	\$ -	\$ 0.058355
NO_x Allowances - Annual					
Quantity	16,040	-	95	-	15,945
Dollars	\$ 1,432.85	\$ -	\$ 8.55	\$ -	\$ 1,424.30
\$/Allowance	\$ 0.089330	\$ -	\$ 0.090000	\$ -	\$ 0.089326
NO_x Allowances - Seasonal					
Quantity	2,733	-	95	-	2,638
Dollars	\$ 42.26	\$ -	\$ 8.07	\$ -	\$ 34.19
\$/Allowance	\$ 0.015463	\$ -	\$ 0.084947	\$ -	\$ 0.012961
Total Emission Allowances					
Quantity	293,015	-	271	-	292,744
Dollars	\$ 17,478.56	\$ -	\$ 21.48	\$ -	\$ 17,457.08

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of May 2025

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

Residential - Kentucky Jurisdictional Revenues						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
Jun-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			2,559,060	(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
Average Monthly Residential Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						\$ 15,518,335
Average Total Kentucky Revenues, Excluding Environmental Surcharge, for 12 Months Ending Current Expense Month						\$ 36,231,848
Residential Revenues as a Percentage of Total Revenues for 12 Months Ending with the Current Expense Month						42.83%

Non-Residential - Kentucky Jurisdictional Revenues							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues	Total Non-Fuel Revenues
						(2) - (5) - (6)	(7) - (3) - (4)
Jun-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	1,196,878	(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
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 1.20

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

Cost of Capital

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

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

ES FORM 2.00

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

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of June 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NO _x Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 539,973
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		595,096
27	(Over) / Under Recovery		\$ (55,123)

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

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

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

For the Expense Month of June 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) ^(a)	(9)
Project No.	Description	Gross Plant in-Service Excl. AFUDC as of June-25	Accumulated Depreciation as of June-25	Net Plant in-Service as of June-25	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
				(2)-(3)					
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

Total SO₂ and NO_x Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)					
Quantity	274,161	-	171	-	273,990
Dollars	\$ 15,998.59	\$ -	\$ 10.26	\$ -	\$ 15,988.33
\$/Allowance	\$ 0.058355	\$ -	\$ 0.060000	\$ -	\$ 0.058354
NO_x Allowances - Annual					
Quantity	15,945	-	161	-	15,784
Dollars	\$ 1,424.30	\$ -	\$ 14.49	\$ -	\$ 1,409.81
\$/Allowance	\$ 0.089326	\$ -	\$ 0.090000	\$ -	\$ 0.089319
NO_x Allowances - Seasonal					
Quantity	2,638	-	161	-	2,477
Dollars	\$ 34.19	\$ -	\$ 13.29	\$ -	\$ 20.90
\$/Allowance	\$ 0.012961	\$ -	\$ 0.082547	\$ -	\$ 0.008438
Total Emission Allowances					
Quantity	292,744	-	493	-	292,251
Dollars	\$ 17,457.08	\$ -	\$ 38.04	\$ -	\$ 17,419.04

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of June 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	\$ 61,778	\$ 61,778
2	Lime	502040	2,364,488	2,364,488
3	Hydrated Lime	502040	73,199	73,199
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		<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)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
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			2,559,060	(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
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)	(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)
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	1,196,878	(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
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 1.20

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

Cost of Capital

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

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

ES FORM 2.00

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

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of July 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 1,968,843
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,819,355
27	(Over) / Under Recovery		\$ (850,512)

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

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

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

For the Expense Month of July 2025

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

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

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2025

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 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	137,219	(103,920)	-	(219,095)	(525,501)
67	May-22	Actual		-	78,000	(202,486)	11,583,221	354,133	(131,221)	-	(219,095)	(552,802)
68	Jun-22	Actual		-	77,156	(202,486)	11,457,891	173,833	(137,219)	-	(219,095)	(558,800)
69	Jul-22	Actual		-	76,306	(202,486)	11,331,711	163,275	(354,133)	-	(219,095)	(775,714)
70	Aug-22	Actual		-	75,451	(202,486)	11,204,676	504,873	(173,833)	-	(219,095)	(595,414)
71	Sep-22	Actual		-	74,589	(202,486)	11,076,779	5,755,078	(163,275)	-	(219,095)	(584,856)
72	Oct-22	Actual		-	73,722	(202,486)	10,948,015	1,659,808	(504,873)	-	(219,095)	(926,454)
73	Nov-22	Actual		-	72,849	(202,486)	10,818,378	1,120,718	(959,180)	-	(219,095)	(1,380,761)
74	Dec-22	Actual		-	71,971	(202,486)	10,687,863	1,312,007	(1,291,141)	-	(219,095)	(1,712,722)
75	Jan-23	Actual		-	71,086	(202,486)	10,556,463	316,932	(1,571,321)	-	(219,095)	(1,992,902)
76	Feb-23	Actual		-	70,195	(202,486)	10,424,172	359,829	(2,008,656)	-	(219,095)	(2,430,237)
77	Mar-23	Actual		-	69,298	(202,486)	10,290,984	361,703	(2,325,588)	-	(219,095)	(2,747,169)
78	Apr-23	Actual		-	68,395	(202,486)	10,156,893	1,176,581	(2,368,485)	-	-	(2,570,971)
79	May-23	Actual		-	67,486	(202,486)	10,021,893	1,401,353	(361,703)	-	-	(564,189)
80	Jun-23	Actual		-	66,571	(202,486)	9,885,978	1,123,174	(1,176,581)	-	-	(1,379,067)
81	Jul-23	Actual		-	65,649	(202,486)	9,749,141	1,265,429	(1,401,353)	-	-	(1,603,839)
82	Aug-23	Actual		-	64,722	(202,486)	9,611,377	1,085,495	(1,123,174)	-	-	(1,325,660)
83	Sep-23	Actual		-	63,788	(202,486)	9,472,679	2,027,776	(1,265,429)	-	-	(1,467,915)
84	Oct-23	Actual		-	62,847	(202,486)	9,333,040	1,464,035	(1,085,495)	-	-	(1,287,981)
85	Nov-23	Actual		-	61,901	(202,486)	9,192,455	1,599,238	(2,027,776)	-	-	(2,230,262)
86	Dec-23	Actual		-	60,948	(202,486)	9,050,917	708,309	(1,464,035)	-	-	(1,666,521)
87	Jan-24	Actual		-	59,988	(202,486)	8,908,419	659,598	(1,599,238)	-	-	(1,801,724)
88	Feb-24	Actual		-	59,022	(202,486)	8,764,955	449,420	(708,309)	-	-	(910,795)
89	Mar-24	Actual		-	58,049	(202,486)	8,620,518	574,395	(659,598)	-	-	(862,084)
90	Apr-24	Actual		-	57,070	(202,486)	8,475,102	428,821	(449,420)	-	-	(651,906)
91	May-24	Actual		-	56,084	(202,486)	8,328,700	377,359	(574,395)	-	-	(776,881)
92	Jun-24	Actual		-	55,092	(202,486)	8,181,306	609,051	(428,821)	-	-	(631,307)
93	Jul-24	Actual		-	54,093	(202,486)	8,032,913	572,002	(377,359)	-	-	(579,845)
94	Aug-24	Actual		-	53,087	(202,486)	7,883,514	518,268	(609,051)	-	-	(811,537)
95	Sep-24	Actual		-	52,074	(202,486)	7,733,102	437,515	(572,002)	-	-	(774,488)
96	Oct-24	Actual		-	51,054	(202,486)	7,581,670	355,836	(518,268)	-	-	(720,754)
97	Nov-24	Actual		-	50,027	(202,486)	7,429,211	401,711	(437,515)	-	-	(640,001)
98	Dec-24	Actual		-	48,994	(202,486)	7,275,719	359,775	(355,836)	-	-	(558,322)
99	Jan-25	Actual		\$ -	\$ 47,953	\$ (202,486)	\$ 7,121,186	\$ 370,692	\$ (401,711)	\$ -	\$ -	\$ (604,197)

ES FORM 2.20

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Amortization of Coal Ash ARO and Landfill Closure

For the Expense Month of July 2025

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

Total SO₂ and NO_x Emission Allowances					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)					
Quantity	273,990	-	280	-	273,710
Dollars	\$ 15,988.33	\$ -	\$ 16.80	\$ -	\$ 15,971.53
\$/Allowance	\$ 0.058354	\$ -	\$ 0.060000	\$ -	\$ 0.058352
NO_x Allowances - Annual					
Quantity	15,784	-	208	-	15,576
Dollars	\$ 1,409.81	\$ -	\$ 18.72	\$ -	\$ 1,391.09
\$/Allowance	\$ 0.089319	\$ -	\$ 0.090000	\$ -	\$ 0.089310
NO_x Allowances - Seasonal					
Quantity	2,477	-	208	-	2,269
Dollars	\$ 20.90	\$ -	\$ 16.25	\$ -	\$ 4.65
\$/Allowance	\$ 0.008438	\$ -	\$ 0.078125	\$ -	\$ 0.002049
Total Emission Allowances					
Quantity	292,251	-	696	-	291,555
Dollars	\$ 17,419.04	\$ -	\$ 51.77	\$ -	\$ 17,367.27

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of July 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	\$ 79,522	\$ 79,522
2	Lime	502040	2,909,460	2,909,460
3	Hydrated Lime	502040	135,983	135,983
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		<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)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
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			2,559,060	(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
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)	(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)
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	1,196,878	(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
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	R(m) 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

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NO _x Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 1,803,868
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,827,069
27	(Over) / Under Recovery		\$ (1,023,201)

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

ES FORM 2.10

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

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

For the Expense Month of August 2025

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

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

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)		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	-	-	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	-	(353,387)
22	Aug-18	Actual -	-	110,637	(202,486)	16,429,952	321,815	(150,901)	-	-	(399,071)
23	Sep-18	Actual -	-	110,014	(202,486)	16,337,480	275,135	(196,585)	-	-	(524,301)
24	Oct-18	Actual -	-	109,387	(202,486)	16,244,381	69,886	(321,815)	(2,498)	-	(477,621)
25	Nov-18	Actual -	-	108,756	(202,486)	16,150,651	238,428	(275,135)	-	-	(272,372)
26	Dec-18	Actual -	-	108,121	(202,486)	16,056,286	263,037	(69,886)	-	-	(440,914)
27	Jan-19	Actual -	-	107,481	(202,486)	15,961,281	177,996	(238,428)	-	-	(465,523)
28	Feb-19	Actual -	-	106,837	(202,486)	15,865,632	150,851	(263,037)	-	-	(380,482)
29	Mar-19	Actual -	-	106,188	(202,486)	15,769,334	408,609	(177,996)	-	-	(353,337)
30	Apr-19	Actual -	-	105,535	(202,486)	15,672,383	1,588,547	(150,851)	-	-	(611,095)
31	May-19	Actual -	-	104,878	(202,486)	15,574,775	1,641,055	(408,609)	-	-	(1,791,033)
32	Jun-19	Actual -	-	104,216	(202,486)	15,476,505	1,423,233	(1,588,547)	-	-	(1,843,541)
33	Jul-19	Actual -	-	103,550	(202,486)	15,377,569	1,368,585	(1,641,055)	-	-	(1,625,719)
34	Aug-19	Actual -	-	102,880	(202,486)	15,277,963	487,759	(1,423,233)	-	-	(1,571,071)
35	Sep-19	Actual -	-	102,204	(202,486)	15,177,681	47,477	(1,368,585)	-	-	(690,245)
36	Oct-19	Actual -	-	101,524	(202,486)	15,076,719	(18,595)	(487,759)	-	-	(249,963)
37	Nov-19	Actual -	-	100,840	(202,486)	14,975,073	330,375	(47,477)	-	-	(183,891)
38	Dec-19	Actual -	-	100,151	(202,486)	14,872,738	121,640	18,595	-	-	(532,861)
39	Jan-20	Actual -	-	99,457	(202,486)	14,769,709	77,416	(330,375)	-	-	(324,126)
40	Feb-20	Actual -	-	98,759	(202,486)	14,665,982	25,184	(121,640)	-	-	(279,902)
41	Mar-20	Actual -	-	98,055	(202,486)	14,561,551	27,631	(77,416)	-	-	(227,670)
42	Apr-20	Actual -	-	97,347	(202,486)	14,456,412	50,807	(25,184)	-	-	(230,117)
43	May-20	Actual -	-	96,635	(202,486)	14,350,561	82,538	(27,631)	-	-	(253,293)
44	Jun-20	Actual -	-	95,917	(202,486)	14,243,992	133,817	(50,807)	-	-	(285,024)
45	Jul-20	Actual -	-	95,194	(202,486)	14,136,700	127,493	(82,538)	-	-	(336,303)
46	Aug-20	Actual -	-	94,467	(202,486)	14,028,681	64,152	(133,817)	-	-	(329,979)
47	Sep-20	Actual -	-	93,735	(202,486)	13,919,930	127,860	(127,493)	-	-	(266,638)
48	Oct-20	Actual -	-	92,997	(202,486)	13,810,441	226,553	(64,152)	-	-	(330,346)
49	Nov-20	Actual -	-	92,255	(202,486)	13,700,210	423,320	(127,860)	5,465	-	(429,039)
50	Dec-20	Actual -	\$ -	\$ 91,508	(202,486)	\$ 13,589,232	\$ 295,353	\$ (226,553)	\$ 17,705	\$ -	\$ -

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

Total SO₂ and NO_x Emission Allowances ^(b)						
	Beginning Inventory	Allocations / Purchases		Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)						
Quantity	273,710		-	-	-	273,710
Dollars	\$ 15,971.53	\$	-	\$	-	\$ 15,971.53
\$/Allowance	\$ 0.058352	\$	-	\$	-	\$ 0.058352
NO_x Allowances - Annual						
Quantity	15,576		-	-	-	15,576
Dollars	\$ 1,391.09	\$	-	\$	-	\$ 1,391.09
\$/Allowance	\$ 0.089310	\$	-	\$	-	\$ 0.089310
NO_x Allowances - Seasonal						
Quantity	2,269		-	-	-	2,269
Dollars	\$ 4.65	\$	-	\$	-	\$ 4.65
\$/Allowance	\$ 0.002049	\$	-	\$	-	\$ 0.002049
Total Emission Allowances						
Quantity	291,555		-	-	-	291,555
Dollars	\$ 17,367.27	\$	-	\$	-	\$ 17,367.27

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

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of August 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	\$ 94,666	\$ 94,666
2	Lime	502040	2,027,647	2,027,647
3	Hydrated Lime	502040	93,017	93,017
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	29,050	29,050
6	Total		<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)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues (2) - (5) - (6)
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			2,559,060	(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
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)	(8)
Month	Total Revenues	Base Rate Fuel Component	Fuel Clause Revenues	Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues (2) - (5) - (6)	Total Non-Fuel Revenues (7) - (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	1,196,878	(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
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	43.05%	56.95%
16	Adjusted Net Jurisdictional E(m) - Allocated	\$ (243,659)	\$ (322,331)
17	R(m) 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)	\$ 16,423,464	\$ 14,284,427
18	Adjusted Net Jurisdictional E(m) / R(m)	-1.48%	-2.26%

Calculation of Jurisdictional Allocation Ratio - 12-Month Average

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

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

ES FORM 1.20

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

Cost of Capital

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

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

ES FORM 2.00

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

Revenue Requirement of Environmental Compliance Costs

For the Expense Month of September 2025

Line No.	Determination of Environmental Compliance Rate Base (RB)	Source	Amount
1	Eligible Environmental Compliance Plant (Gross Plant) Excluding AFUDC	ES Form 2.10	\$ 67,432,275
2	Eligible Environmental Compliance CWIP Excluding AFUDC	ES Form 2.10	-
3	Subtotal		\$ 67,432,275
4	<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	<u>Determination of Environmental Compliance Operating Expenses (OE)</u>		
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	<u>Proceeds from Emission Allowance Sales (EAS)</u>		
21	SO ₂ Allowance Sales		\$ -
22	NOx Allowances Sales		\$ -
23	Total Emission Allowance Sales		\$ -
24	<u>(Over) / Under Recovery</u>		
25	Adjusted Jurisdictional E(m) Authorized for Expense Month two Months Prior		\$ 1,662,784
26	Jurisdictional E(m) Revenue Recovered in Current Expense Month		2,135,049
27	(Over) / Under Recovery		\$ (472,265)

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

ES FORM 2.10

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

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

For the Expense Month of September 2025

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

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

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)	
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 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

Total SO₂ and NO_x Emission Allowances ^(b)					
	Beginning Inventory	Allocations / Purchases	Utilized	Sold	Ending Inventory
SO₂ Allowances - Acid Rain Program (a)					
Quantity	273,710	-	287	-	273,423
Dollars	\$ 15,971.53	\$ -	\$ 17.22	\$ -	\$ 15,954.31
\$/Allowance	\$ 0.058352	\$ -	\$ 0.060000	\$ -	\$ 0.058350
NO_x Allowances - Annual					
Quantity	15,576	-	231	-	15,345
Dollars	\$ 1,391.09	\$ -	\$ 20.79	\$ -	\$ 1,370.30
\$/Allowance	\$ 0.089310	\$ -	\$ 0.090000	\$ -	\$ 0.089299
NO_x Allowances - Seasonal					
Quantity	2,269	-	230	-	2,039
Dollars	\$ 4.65	\$ -	\$ 17.27	\$ -	\$ (12.62)
\$/Allowance	\$ 0.002049	\$ -	\$ 0.075087	\$ -	\$ (0.006189)
Total Emission Allowances					
Quantity	291,555	-	748	-	290,807
Dollars	\$ 17,367.27	\$ -	\$ 55.28	\$ -	\$ 17,311.99

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

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

ES FORM 2.50

DUKE ENERGY KENTUCKY, INC.
ENVIRONMENTAL SURCHARGE REPORT

Environmental Reagent Expenses

For the Expense Month of September 2025

Line No.	Expense Type	Account Number	East Bend Unit 2	Total
1	Ammonia	502020	\$ 24,972	\$ 24,972
2	Lime	502040	421,407	421,407
3	Hydrated Lime	502040	14,030	14,030
4	Magnesium Hydroxide	502100	-	-
5	pH Control Treatment	502100	-	-
6	Total		<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)	(7)
Month	Total Revenues			Base Rate ESM Component	Rider ESM Revenues	Total Excluding Environmental Revenues
						(2) - (5) - (6)
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			2,559,060	(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
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)	(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)
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	1,196,878	(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
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%	

April 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$662,769 ^(a)	\$443,969 ^(b)	\$1,106,738
Non-Residential	\$1,215,199 ^(a)	\$814,024 ^(b)	\$2,029,223
	<u>\$1,877,968</u>	<u>\$1,257,993</u> ^(c)	<u>\$3,135,961</u>

^(a) STAFF-DR-02-001 Attachment 1, Form 3.00, Column 5

^(b) STAFF-DR-02-001 Attachment 1, Form 3.00, Column 6

^(c) STAFF-DR-02-001 Attachment 1, Form 2.00, Line 26

May 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$696,052 ^(d)	\$458,466 ^(e)	\$1,154,518
Non-Residential	\$1,181,917 ^(d)	\$778,490 ^(e)	\$1,960,407
	<u>\$1,877,969</u>	<u>\$1,236,956</u> ^(f)	<u>\$3,114,925</u>

^(d) STAFF-DR-02-001 Attachment 2, Form 3.00, Column 5

^(e) STAFF-DR-02-001 Attachment 2, Form 3.00, Column 6

^(f) STAFF-DR-02-001 Attachment 2, Form 2.00, Line 26

June 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$659,550 ^(g)	\$209,000 ^(h)	\$868,550
Non-Residential	\$1,218,420 ^(g)	\$386,096 ^(h)	\$1,604,516
	<u>\$1,877,970</u>	<u>\$595,096</u> ⁽ⁱ⁾	<u>\$2,473,066</u>

^(g) STAFF-DR-02-001 Attachment 3, Form 3.00, Column 5

^(h) STAFF-DR-02-001 Attachment 3, Form 3.00, Column 6

⁽ⁱ⁾ STAFF-DR-02-001 Attachment 3, Form 2.00, Line 26

July 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$852,392 ^(j)	\$1,279,678 ^(k)	\$2,132,070
Non-Residential	\$1,025,578 ^(j)	\$1,539,677 ^(k)	\$2,565,255
	<u>\$1,877,970</u>	<u>\$2,819,355</u> ^(l)	<u>\$4,697,325</u>

^(j) STAFF-DR-02-001 Attachment 4, Form 3.00, Column 5

^(k) STAFF-DR-02-001 Attachment 4, Form 3.00, Column 6

^(l) STAFF-DR-02-001 Attachment 4, Form 2.00, Line 26

August 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$820,413 ^(m)	\$1,235,039 ⁽ⁿ⁾	\$2,055,452
Non-Residential	\$1,057,556 ^(m)	\$1,592,030 ⁽ⁿ⁾	\$2,649,586
	<u>\$1,877,969</u>	<u>\$2,827,069</u> ^(o)	<u>\$4,705,038</u>

^(m) STAFF-DR-02-001 Attachment 5, Form 3.00, Column 5

⁽ⁿ⁾ STAFF-DR-02-001 Attachment 5, Form 3.00, Column 6

^(o) STAFF-DR-02-001 Attachment 5, Form 2.00, Line 26

September 2025	<u>Base Revenues</u>	<u>Rider Revenues</u>	<u>Total Revenues</u>
Residential	\$736,330 ^(p)	\$837,128 ^(q)	\$1,573,458
Non-Residential	\$1,141,639 ^(p)	\$1,297,921 ^(q)	\$2,439,560
	<u>\$1,877,969</u>	<u>\$2,135,049</u> ^(r)	<u>\$4,013,018</u>

^(p) STAFF-DR-02-001 Attachment 6, Form 3.00, Column 5

^(q) STAFF-DR-02-001 Attachment 6, Form 3.00, Column 6

^(r) STAFF-DR-02-001 Attachment 6, Form 2.00, Line 26