

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Composite Experience Modification Factor  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3A

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	1.810	2.107	2,706,029	\$ (8,047,596)	-	\$ (8,047,596)
2	May Note [1]	2.934	2.108	2,812,712	23,246,955	-	23,246,955
3	June Note [1]	3.009	2.112	3,321,951	29,811,103	-	29,811,103
4	July	3.645	2.115	3,419,268	52,301,731	-	52,301,731
5	August	4.198	2.106	4,099,684	85,736,446	-	85,736,446
6	September	3.675	2.111	3,183,783	49,781,668	-	49,781,668
7	October	2.850	2.105	3,041,548	22,667,074	-	22,667,074
8	November	3.415	2.105	2,503,196	32,790,468	\$ 5,698,688	38,489,156
9	December (New Rates - Sub 1292)	5.918	2.351	3,149,379	112,312,466	539,142	112,851,608
10	January 2023	3.911	2.630	3,521,586	45,139,143	-	45,139,143
11	February	3.451	2.617	2,938,692	24,505,813	-	24,505,813
12	March	2.875	2.605	2,872,764	7,750,065	1,740,010	9,490,075
13	Total Test Period Note [1]			37,570,593	477,995,334	\$ 7,977,840	\$ 485,973,174
14	Booked 12-month (Over) / Under Recovery						\$ 485,973,174
15	Adjustment to exclude Under Recovery - April - June 2022 Note [1]						(45,010,462)
16	Total 9-month (Over) / Under Recovery						\$ 440,962,712
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(1,187,755)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						5,304,883
19	Total Adjusted (Over) / Under Recovery Request						\$ 445,079,840
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				38,144,269
21	Experience Modification Increment / (Decrement) cents/KWh						1.167

**Notes:**

Totals may not foot due to rounding.

[1] April - June 2022 were remitted in fuel Docket E-2, Sub 1292 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 15.

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Experience Modification Factor - Residential  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3B

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	2.075	2.126	1,034,632	\$ (523,263)		\$ (523,263)
2	May Note [1]	3.431	2.126	1,053,526	13,749,962		13,749,962
3	June Note [1]	3.083	2.126	1,421,829	13,609,122		13,609,122
4	July	3.448	2.126	1,578,435	20,868,153		20,868,153
5	August	4.271	2.126	1,759,983	37,756,691		37,756,691
6	September	3.514	2.126	1,458,490	20,250,974		20,250,974
7	October	3.792	2.126	996,814	16,611,094		16,611,094
8	November	3.900	2.126	954,716	16,934,016	\$ 2,473,099	19,407,115
9	December (New Rates - Sub 1292)	5.817	2.467	1,491,632	49,980,728	1,518,154	51,498,882
10	January 2023	3.694	2.807	1,736,497	15,397,228		15,397,228
11	February	3.516	2.808	1,345,286	9,520,003		9,520,003
12	March	3.208	2.808	1,203,095	4,810,688	755,125	5,565,813
13	Total Test Period Note [1]			16,034,936	\$ 218,965,396	\$ 4,746,378	\$ 223,711,774
14	Booked 12-month (Over) / Under Recovery						\$ 223,711,774
15	Adjustment to exclude Under Recovery - April - June 2022 Note [1]						(26,835,821)
16	Total 9-month (Over) / Under Recovery						\$ 196,875,953
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(497,424)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						2,221,651
19	Total Adjusted (Over) / Under Recovery Request						\$ 198,600,180
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				16,725,921
21	Experience Modification Increment (Decrement) cents/kWh						1.187

**Notes:**

Totals may not foot due to rounding.

[1] April - June 2022 were remitted in fuel Docket E-2, Sub 1292 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 15.

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Experience Modification Factor - Small General Service  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3C

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	1.773	2.111	130,126	\$ (439,416)		\$ (439,416)
2	May Note [1]	2.795	2.111	138,851	949,126		949,126
3	June Note [1]	2.688	2.111	175,258	1,011,379		1,011,379
4	July	3.179	2.111	183,338	1,958,161		1,958,161
5	August	3.852	2.111	209,058	3,639,102		3,639,102
6	September	2.983	2.111	184,495	1,609,481		1,609,481
7	October	2.871	2.111	140,859	1,069,890		1,069,890
8	November	3.246	2.111	122,551	1,391,235	\$ 263,449	1,654,684
9	December (New Rates - Sub 1292)	6.527	2.566	158,674	6,286,105	79,541	6,365,645
10	January 2023	4.344	3.087	176,248	2,216,080		2,216,080
11	February	3.876	3.097	145,547	1,134,318		1,134,318
12	March	3.209	3.095	143,355	162,472	80,438	242,910
13	Total Test Period Note [1]			1,908,360	\$ 20,987,933	\$ 423,428	\$ 21,411,361
14	Booked 12-month (Over) / Under Recovery						\$ 21,411,361
15	Adjustment to exclude Under Recovery - April - June 2022 Note [1]						(1,521,089)
16	Total 9-month (Over) / Under Recovery						\$ 19,890,272
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(59,271)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						264,721
19	Total Adjusted (Over) / Under Recovery Request						\$ 20,095,723
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				1,932,412
21	Experience Modification Increment (Decrement) cents/KWh						1.040

**Notes:**

Totals may not foot due to rounding.

[1] April - June 2022 were remitted in fuel Docket E-2, Sub 1292 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 15.

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Experience Modification Factor - Medium General Service  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3D

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	1.596	2.169	852,188	\$ (4,886,973)		\$ (4,886,973)
2	May Note [1]	2.535	2.169	903,745	3,303,812		3,303,812
3	June Note [1]	2.815	2.169	986,113	6,365,331		6,365,331
4	July	3.410	2.169	1,013,671	12,574,655		12,574,655
5	August	4.480	2.169	1,065,441	24,618,962		24,618,962
6	September	3.776	2.169	860,146	13,819,336		13,819,336
7	October	2.383	2.169	1,008,398	2,158,330		2,158,330
8	November	3.215	2.169	736,666	7,709,657	\$ 1,577,442	9,287,099
9	December (New Rates - Sub 1292)	5.719	2.330	872,819	29,576,756	(1,255,353)	28,321,403
10	January 2023	4.225	2.567	873,111	14,480,275		14,480,275
11	February	3.586	2.579	756,941	7,618,878		7,618,878
12	March	2.638	2.572	837,366	550,329	481,646	1,031,975
13	Total Test Period Note [1]			10,766,603	\$ 117,889,348	\$ 803,735	\$ 118,693,083
14	Booked 12-month (Over) / Under Recovery						\$ 118,693,083
15	Adjustment to exclude Under Recovery - April - June 2022 Note [1]						(4,782,171)
16	Total 9-month (Over) / Under Recovery						\$ 113,910,912
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(346,212)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						1,546,290
19	Total Adjusted (Over) / Under Recovery Request						\$ 115,110,990
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				10,657,652
21	Experience Modification Increment (Decrement) cents/kWh						1.080

**Notes:**

Totals may not foot due to rounding.

[1] April - June 2022 were remitted in fuel Docket E-2, Sub 1292 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 15.

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Experience Modification Factor - Large General Service  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3E

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	1.715	2.020	654,388	\$ (1,995,062)		\$ (1,995,062)
2	May Note [1]	2.775	2.019	683,231	5,159,754		5,159,754
3	June Note [1]	3.219	2.020	710,869	8,520,806		8,520,806
4	July	4.669	2.019	617,224	16,353,710		16,353,710
5	August	3.834	2.019	1,037,130	18,823,604		18,823,604
6	September	4.104	2.019	654,074	13,637,324		13,637,324
7	October	2.319	2.019	867,417	2,600,733		2,600,733
8	November	3.000	2.019	662,919	6,503,717	\$ 1,337,182	7,840,899
9	December (New Rates - Sub 1292)	6.162	2.041	598,217	24,649,313	196,156	24,845,469
10	January 2023	3.845	2.130	708,394	12,146,095		12,146,095
11	February	3.010	2.138	664,581	5,798,561		5,798,561
12	March	2.458	2.138	660,695	2,118,552	408,290	2,526,842
13	Total Test Period Note [1]			8,519,137	\$ 114,317,107	\$ 1,941,628	\$ 116,258,735
14	Booked 12-month (Over) / Under Recovery						\$ 116,258,735
15	Adjustment to exclude Under Recovery - April - June 2022 Note [1]						(11,685,498)
16	Total 9-month (Over) / Under Recovery						\$ 104,573,237
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(273,167)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						1,220,048
19	Total Adjusted (Over) / Under Recovery Request						\$ 105,520,118
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				8,485,997
21	Experience Modification Increment (Decrement) cents/KWh						1.243

**Notes:**

Totals may not foot due to rounding.

[1] April - June 2022 were remitted in fuel Docket E-2, Sub 1292 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 15.

Duke Energy Progress, LLC  
North Carolina Annual Fuel and Fuel Related Expense  
Calculation of Proposed Experience Modification Factor - Lighting  
Twelve Months Ended March 31, 2023  
Docket No. E-2, Sub 1321

Harrington Exhibit 3F

Line No.	Month	Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	Reported Adjusted (Over)/Under Recovery (f)
1	April 2022 (Sub 1272) Note [1]	1.095	1.680	34,695	\$ (202,882)		\$ (202,882)
2	May Note [1]	1.934	1.681	33,360	84,301		84,301
3	June Note [1]	2.773	1.682	27,883	304,465		304,465
4	July	3.739	1.682	26,600	547,052		547,052
5	August	4.881	1.682	28,072	898,086		898,086
6	September	3.430	1.682	26,580	464,553		464,553
7	October	2.491	1.682	28,060	227,027		227,027
8	November	2.638	1.682	26,345	251,844	\$ 47,516	299,360
9	December (New Rates - Sub 1292)	8.787	2.297	28,037	1,819,564	645	1,820,209
10	January 2023	6.652	3.361	27,335	899,465		899,465
11	February	5.024	3.376	26,338	434,052		434,052
12	March	3.757	3.374	28,253	108,024	14,511	122,535
13	Total Test Period Note [1]			341,557	\$ 5,835,549	\$ 62,672	\$ 5,898,221
14	Booked 15-month (Over) / Under Recovery						\$ 5,898,221
15	Adjustment to exclude Under Recovery - April - June 2022 Note [5]						(185,883)
16	Total 12-month (Over) / Under Recovery						\$ 5,712,338
17	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(11,681)
18	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						52,173
19	Total Adjusted (Over) / Under Recovery Request						\$ 5,752,830
20	Normalized Test Period MWh Sales at Meter		Exhibit 4				342,287
21	Experience Modification Increment (Decrement) cents/KWh						1.681

**Notes:**

Totals may not foot due to rounding.

[5] April - June 2021 were remitted in fuel Docket E-2, Sub 1272 are included in current EMF rate.

Included for Commission review in accordance with NC Rule R8-55 (d)(3) but deducted from total (O)/ U on Line 18.