

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Proposed Composite Experience Modification Factor
Twelve Months Ended March 31, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	2.473	2.597	2,697,449	\$ (3,351,060)	-	\$ (3,351,060)
2	May	2.560	2.589	2,566,974	(755,057)	-	(755,057)
3	June	3.123	2.596	2,941,028	15,498,098	-	15,498,098
4	July	3.368	2.623	3,417,687	25,461,077	-	25,461,077
5	August	2.972	2.620	3,781,711	13,302,423	-	13,302,423
6	September	2.618	2.619	3,604,266	(35,185)	-	(35,185)
7	October	2.247	2.608	2,438,761	(8,805,484)	-	(8,805,484)
8	November	3.013	2.593	2,708,444	11,383,271	-	11,383,271
9	December (New Rates - Sub 1321)	2.974	2.645	3,094,866	10,173,520	-	10,173,520
10	January 2024	3.764	2.697	3,467,128	36,994,788	-	36,994,788
11	February	2.710	2.657	3,368,373	1,754,703	-	1,754,703
12	March	2.992	2.652	2,727,793	9,283,835	-	9,283,835
13	Total Test Period			36,814,479	110,904,930	-	\$ 110,904,930
14	Total 12-month (Over) / Under Recovery						\$ 110,904,930
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(916,733)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						5,315,901
17	Total Adjusted (Over) / Under Recovery Request						\$ 115,304,098
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				37,421,804
19	Experience Modification Increment / (Decrement) cents/KWh						0.308

Notes:

Totals may not foot due to rounding.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Proposed Experience Modification Factor - Residential
Twelve Months Ended March 31, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	2.880	2.808	1,087,273	\$ 779,881		\$ 779,881
2	May	3.194	2.807	965,159	3,736,228		3,736,228
3	June	3.742	2.809	1,157,238	10,800,566		10,800,566
4	July	3.541	2.808	1,526,430	11,195,476		11,195,476
5	August	3.110	2.808	1,694,623	5,119,521		5,119,521
6	September	2.847	2.808	1,561,237	611,916		611,916
7	October	2.501	2.808	1,026,270	(3,148,117)		(3,148,117)
8	November	3.751	2.808	1,019,976	9,620,458		9,620,458
9	December (New Rates - Sub 1321)	3.145	2.844	1,403,409	4,229,215		4,229,215
10	January 2024	3.466	2.882	1,803,080	10,534,199		10,534,199
11	February	2.805	2.882	1,562,131	(1,207,879)		(1,207,879)
12	March	3.343	2.882	1,175,030	5,414,783		5,414,783
13	Total Test Period			15,981,854	\$ 57,686,246		\$ 57,686,246
14	Total 12-month (Over) / Under Recovery						\$ 57,686,246
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(394,894)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						2,289,889
17	Total Adjusted (Over) / Under Recovery Request						\$ 59,581,241
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				16,810,349
19	Experience Modification Increment (Decrement) cents/KWh						0.354

Notes:

Totals may not foot due to rounding.

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, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	2.862	3.095	130,016	\$ (303,071)		\$ (303,071)
2	May	2.722	3.096	134,633	(503,785)		(503,785)
3	June	3.388	3.097	151,500	440,830		440,830
4	July	3.567	3.098	180,036	844,868		844,868
5	August	3.084	3.095	203,159	(21,729)		(21,729)
6	September	2.725	3.099	193,438	(722,776)		(722,776)
7	October	2.335	3.097	143,578	(1,093,968)		(1,093,968)
8	November	3.827	3.097	131,657	961,224		961,224
9	December (New Rates - Sub 1321)	3.328	3.180	152,090	224,272		224,272
10	January 2024	3.858	3.283	181,943	1,045,931		1,045,931
11	February	3.004	3.284	169,550	(475,217)		(475,217)
12	March	3.346	3.283	141,357	88,327		88,327
13	Total Test Period			1,912,957	\$ 484,905		\$ 484,905
14	Total 12-month (Over) / Under Recovery						\$ 484,905
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(47,506)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						275,476
17	Total Adjusted (Over) / Under Recovery Request						\$ 712,875
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				1,921,223
19	Experience Modification Increment (Decrement) cents/kWh						0.037

Notes:

Totals may not foot due to rounding.

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, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	2.227	2.579	799,832	\$ (2,812,021)		\$ (2,812,021)
2	May	2.211	2.579	793,826	(2,921,640)		(2,921,640)
3	June	2.759	2.580	887,270	1,591,989		1,591,989
4	July	3.160	2.580	972,722	5,638,158		5,638,158
5	August	2.887	2.580	1,039,776	3,190,816		3,190,816
6	September	2.374	2.580	1,059,962	(2,179,933)		(2,179,933)
7	October	2.187	2.580	653,952	(2,570,944)		(2,570,944)
8	November	2.417	2.580	878,759	(1,428,971)		(1,428,971)
9	December (New Rates - Sub 1321)	2.774	2.574	867,601	1,734,369		1,734,369
10	January 2024	4.141	2.563	828,489	13,074,747		13,074,747
11	February	2.822	2.563	842,486	2,185,534		2,185,534
12	March	2.718	2.563	774,759	1,201,550		1,201,550
13	Total Test Period			10,399,433	\$ 16,703,655		\$ 16,703,655
14	Total 12-month (Over) / Under Recovery						\$ 16,703,655
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(260,374)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						1,509,844
17	Total Adjusted (Over) / Under Recovery Request						\$ 17,953,125
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				10,323,848
19	Experience Modification Increment (Decrement) cents/KWh						0.174

Notes:

Totals may not foot due to rounding.

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, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	1.995	2.138	652,969	\$ (934,156)		\$ (934,156)
2	May	1.988	2.138	645,916	(971,253)		(971,253)
3	June	2.478	2.138	718,294	2,444,633		2,444,633
4	July	3.156	2.138	711,699	7,242,059		7,242,059
5	August	2.689	2.138	817,220	4,500,011		4,500,011
6	September	2.402	2.138	762,480	2,012,145		2,012,145
7	October	1.823	2.138	589,374	(1,855,549)		(1,855,549)
8	November	2.457	2.138	650,628	2,074,776		2,074,776
9	December (New Rates - Sub 1321)	2.708	2.135	641,796	3,676,409		3,676,409
10	January 2024	3.938	2.114	627,066	11,438,839		11,438,839
11	February	2.247	2.114	765,890	1,022,255		1,022,255
12	March	2.518	2.112	609,073	2,472,121		2,472,121
13	Total Test Period			8,192,405	\$ 33,122,290		\$ 33,122,290
14	Total 12-month (Over) / Under Recovery						\$ 33,122,290
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(204,692)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						1,186,957
17	Total Adjusted (Over) / Under Recovery Request						\$ 34,104,555
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				8,038,354
19	Experience Modification Increment (Decrement) cents/KWh						0.424

Notes:

Totals may not foot due to rounding.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Proposed Experience Modification Factor - Lighting
Twelve Months Ended March 31, 2024
Docket No. E-2, Sub 1341

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 2023 (Sub 1292)	3.073	3.371	27,359	\$ (81,693)		\$ (81,693)
2	May	3.025	3.370	27,440	(94,606)		(94,606)
3	June	4.199	3.376	26,726	220,079		220,079
4	July	5.393	3.376	26,800	540,517		540,517
5	August	5.284	3.377	26,934	513,804		513,804
6	September	4.273	3.376	27,150	243,463		243,463
7	October	2.841	3.376	25,587	(136,906)		(136,906)
8	November	3.944	3.376	27,423	155,784		155,784
9	December (New Rates - Sub 1321)	4.635	3.603	29,970	309,256		309,256
10	January 2024	7.438	4.045	26,551	901,073		901,073
11	February	4.856	4.044	28,317	230,010		230,010
12	March	4.439	4.051	27,574	107,054		107,054
13	Total Test Period			327,830	\$ 2,907,834		\$ 2,907,834
14	Total 12-month (Over) / Under Recovery						\$ 2,907,834
15	Adjustment to exclude test period by-product net gain/loss accrued expense per Docket No. E-2 Sub 1204 Order						(9,267)
16	Adjustment to include test period by-product net gain/loss cash payments per Docket No. E-2 Sub 1204 Order						53,735
17	Total Adjusted (Over) / Under Recovery Request						\$ 2,952,303
18	Normalized Test Period MWh Sales at Meter		Exhibit 4				328,031
19	Experience Modification Increment (Decrement) cents/KWh						0.900

Notes:

Totals may not foot due to rounding.