Duke Energy Carolinas, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Proposed Composite
Test Period Ended December 31, 2023
Billing Period Sept 2024 through Aug 2025
Docket E-7, Sub 1304

Clark Rebuttal Exhibit 3
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		Fuel Cost Incurred ¢/kWh	Fuel Cost Billed ¢/kWh	NC Retail MWh Sales	(0	Reported Over)/ Under Recovery
Line		(a)	(b)	(c)		(d)
No.	Month					
1	January 2023			5,297,871		79,470,094
2	February			4,651,448		25,314,780
3	March			4,457,423		15,168,768
4	April			4,384,886		(11,360,755)
5	May ⁽¹⁾			4,081,226		5,420,934
6	June			4,645,596		11,033,435
7	July			5,265,835		47,605,379
8	August			5,747,161		34,762,091
9	September October ⁽¹⁾			5,553,369		(6,562,753)
10	November ⁽¹⁾			4,434,405		(13,011,598)
11				4,239,285		20,573,604
12	December			4,771,175		7,242,642
13	Total Test Period			57,529,680	\$	215,656,620
14	January 2024				ċ	58,961,846
14 15	February 2024				\$ \$	(23,593,264)
16	March 2024				\$	(9,518,544)
17	Total (Over)/Under Recovery - Upo	tate Period January -	March 2024 (2)		\$	25,850,038
1,	rotal (over), onder necovery ope	aute i criou suriuury	Widi Cii 2024		Y	23,030,030
18	Adjusted (Over)/Under Recovery				\$	241,506,658
19	NC Retail Normalized Test Period N	1Wh Sales		Exhibit 4		58,985,766
20	Experience Modification Incremen	t (Decrement) cents/	kWh			0.4094
21	Total (Over)/Under Recovery from	Docket E-7, Sub 1282			\$	8,149,363
22	Docket E-7, Sub 1282 Experience N	Modification Increme	nt (Decrement) cents,	/kWh		0.0138
23	Annual Interest Rate					0.0550
24	Monthly Interest Rate					0.0046
25	Number of Months (09/01/2024 - 0	08/31/2025)				12.0000
26	Interest				\$	497,839
27	EMF Interest Increment (Decremen	t)		(Industrial Class Only)		0.0008

⁽¹⁾ Prior period corrections not included in rate incurred but are included in over/(under) recovery total

⁽²⁾ January, February and March 2024 are included for Commission review in accordance with NC Rule R8-55(d)(3). These periods will be subject to review in the next annual fuel and fuel-related costs filing.

Duke Energy Carolinas, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Residential
Test Period Ended December 31, 2023
Billing Period Sept 2024 through Aug 2025
Docket E-7, Sub 1304

Clark Rebuttal Exhibit 3
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Line #	Month	Fuel Cost Incurred ¢/kWh (a)	Fuel Cost Billed ¢/kWh (b)	NC Retail MWh Sales (c)		Reported (Over)/ Under Recovery (d)
1	January 2023	3.1036	2.0003	2,399,460	\$	26,474,056
2	February	2.5164	2.0003	1,864,517		9,622,919
3	March	2.4815	2.0003	1,655,681		7,967,786
4	April	1.9527	2.0003	1,510,762		(718,502)
5	May ⁽¹⁾	2.5601	2.0003	1,327,128	\$	7,425,845
6	June	2.5914	2.0003	1,572,607	\$	9,295,437
7	July	2.9775	2.0003	2,046,660	\$	20,000,532
8	August	2.6251	2.0003	2,263,463	\$	14,141,807
9	September	2.2559	2.2832	2,114,514	\$	(577,804)
10	October (1)	2.7002	2.6287	1,437,145	\$	1,049,328
11	November ⁽¹⁾	3.6305	2.6287	1,417,824	\$	14,200,655
12	December	2.6817	2.6287	1,934,641	\$	1,025,051
13	Total Test Period		_	21,544,402	\$	109,907,112
14	Test Period Wtd Avg. ¢/kWh	2.6778	2.1678			
15	January 2024				\$	14,838,914
16	February 2024				\$	(14,071,667)
17	March 2024				\$	(2,311,568)
18	Total (Over)/Under Recovery - Update Period January - March 2024 ⁽²⁾				\$	(1,544,321)
19	Adjusted (Over)/Under Recovery				\$	108,362,791
20	NC Retail Normalized Test Period MWh Sales		1	Exhibit 4		22,807,302
21	Experience Modification Increment (Decrement)	cents/kWh				0.4751
22	Total (Over)/Under Recovery from Docket E-7, Sul	b 1282			\$	6,508,910
23	Docket E-7, Sub 1282 Experience Modification Increment (Decrement) cents/kWh				0.0285	

Notes:

 $^{^{(1)}}$ Prior period corrections not included in rate incurred but are included in over/(under) recovery total

⁽²⁾ January, February and March 2024 are included for Commission review in accordance with NC Rule R8-55(d)(3). These periods will be subject to review in the next annual fuel and fuel-related costs filing.

Duke Energy Carolinas, LLC North Carolina Annual Fuel and Fuel Related Expense Calculation of Experience Modification Factor - GS/Lighting Test Period Ended December 31, 2023 Billing Period Sept 2024 through Aug 2025 Docket E-7, Sub 1304

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Line "	N A-wah	Fuel Cost Incurred ¢/kWh (a)	Fuel Cost Billed ¢/kWh (b)	NC Retail MWh Sales (c)		Reported (Over)/ Under Recovery (d)
<u>#</u> 1	Month January 2023	3.4411	1.8217	2,010,240	ċ	32,553,429
2	February	2.3598	1.8217		۶ \$	9,925,065
3	March	2.0495	1.8217	1,861,027		4,239,231
4	April	1.4316	1.8217	1,911,294	\$	(7,455,265)
	May ⁽¹⁾					• • • • •
5	,	1.7512	1.8217	1,801,039	\$	(1,224,776)
6	June	1.8406	1.8217	2,054,971	\$	387,410
7	July	2.5540	1.8217	2,212,006	\$	16,198,827
8	August	2.2981	1.8217	2,397,091	\$	11,419,084
9	September October ⁽¹⁾	1.8501	2.0188	2,362,490	\$	(3,986,444)
10	November (1)	1.7729	2.2596	2,004,937	\$ \$	(9,737,062)
11 12	December	2.5369	2.2596	1,862,894		5,162,455
13	Total Test Period	2.3964	2.2596	1,988,005 24,310,321	\$	2,719,455
13 14	Test Period Wtd Avg. ¢/kWh	2.1937	1.9463	24,310,321	Ģ	60,201,409
14	rest Period Wtd Avg. C/KWII	2.1937	1.9403			
15	January 2024				\$	29,444,988
16	February 2024				\$	(6,236,063)
17	March 2024				\$ \$ \$	(4,576,172)
18	Total (Over)/Under Recovery - Update Pe	riod January - March	2024 ⁽²⁾		\$	18,632,753
19	Adjusted (Over)/Under Recovery				\$	78,834,162
20	NC Retail Normalized Test Period MWh Sa	les	1	Exhibit 4		24,474,032
21	Experience Modification Increment (Decr	ement) cents/kWh				0.3221
22	Total (Over)/Under Recovery from Docket	E-7, Sub 1282			\$	(67,379)
23	Docket E-7, Sub 1282 Experience Modification Increment (Decrement) cents/kWh				(0.0003)	

Notes:

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⁽²⁾ January, February and March 2024 are included for Commission review in accordance with NC Rule R8-55(d)(3). These periods will be subject to review in the next annual fuel and fuel-related costs filing.

Duke Energy Carolinas, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Industrial
Test Period Ended December 31, 2023
Billing Period Sept 2024 through Aug 2025
Docket E-7, Sub 1304

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Line		Fuel Cost Incurred ¢/kWh (a)	Fuel Cost Billed ¢/kWh (b)	NC Retail MWh Sales (c)		Reported (Over)/ Under Recovery (d)
#	Month					
1	January 2023	4.1413	1.8396	888,171	\$	20,442,609
2	February	2.4514	1.8396	942,606	\$	5,766,796
3	March	2.1544	1.8396	940,715	\$	2,961,751
4	April	1.5086	1.8396	962,830	\$	(3,186,988)
5	May ⁽¹⁾	1.7572	1.8396	953,059	\$	(780,135)
6	June	1.9723	1.8396	1,018,017	\$	1,350,588
7	July	2.9721	1.8396	1,007,169	\$	11,406,019
8	August	2.6864	1.8396	1,086,607	\$	9,201,200
9	September	1.6959	1.8816	1,076,365	\$	(1,998,505)
10	October (1)	1.4960	1.9328	992,323	\$	(4,323,864)
11	November ⁽¹⁾	2.0592	1.9328	958,566	\$	1,210,494
12	December	2.3451	1.9328	848,529	\$	3,498,136
13	Total Test Period			11,674,957	\$	45,548,101
14	Test Period Wtd Avg. ¢/kWh	2.2558	1.8658			
15	January 2024				\$	14,677,944
16	February 2024				\$	(3,285,534)
17	March 2024 Total (Over)/Under Recovery - Update I	Dariad January N	1arch 2024 ⁽²⁾		\$	(2,630,804)
18	Total (Over)/Olider Recovery - Opdate i	Periou January - N	naicii 2024		Ş	8,761,606
19	Adjusted (Over)/Under Recovery				\$	54,309,707
20	NC Retail Normalized Test Period MWh Sales (1/1/25 to 8/31/25)					7,882,085
21	1 Experience Modification Increment (Decrement) cents/KWh					0.6890
22	Total (Over)/Under Recovery from Docket E-7, Sub 1282					1,707,832
23	Docket E-7, Sub 1282 Experience Modific	cation Increment	(Decrement) ce	ents/kWh		0.0217
24	Annual Interest Rate					5.5%
25	Monthly Interest Rate					0.4583%
26	Number of Months (09/01/2024 - 08/31	/2025)				12
27	Interest				\$	497,839
28	EMF Interest Increment (Decrement)					0.0063

Notes:

 $^{^{(1)}}$ Prior period corrections not included in rate incurred but are included in over/(under) recovery total

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