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August 12, 2022

# **VIA ELECTRONIC FILING**

Ms. A. Shonta Dunston, Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center Raleigh, North Carolina 27699-4300

RE: Duke Energy Progress, LLC's Supplemental Testimony and Proposed

Second Public Notice Docket No. E-2, Sub 1292

Dear Ms. Dunston:

Please find enclosed Duke Energy Progress, LLC's Supplemental Testimony and Exhibits of Dana M. Harrington and Proposed Second Public Notice, in the above-referenced proceeding.

The changes proposed in the Supplemental Testimony result in an increase in the amount requested in the Company's original application in this docket. For that reason, we are attaching an additional Public Notice to reflect the increase currently proposed. The Company asks for authorization to publish the additional notice on a one-time basis in the same manner as the initial notice. A draft of the proposed additional notice is also attached. We are requesting that this matter be expedited so that the Notice can be published in a timely manner prior to the September 14, 2022 hearing.

If you have any questions, please do not hesitate to contact me. Thank you for your assistance with this matter.

Sincerely,

Ladawn S. Toon

**Enclosures** 

cc: Parties of Record

#### **CERTIFICATE OF SERVICE**

I certify that a copy of Duke Energy Progress, LLC's Supplemental Testimony and Proposed Second Public Notice, in Docket No. E-2, Sub 1292, has been served by electronic mail, hand delivery or by depositing a copy in the United States mail, postage prepaid to the parties of record.

This the 12<sup>th</sup> day of August, 2022.

Ladawn S. Toon

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# STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1292

# BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of	)	
Application of Duke Energy Progress, LLC	)	SUPPLEMENTAL TESTIMONY
Pursuant to G.S. 62-133.2 and NCUC Rule	)	OF DANA M. HARRINGTON FOR
R8-55 Relating to Fuel and Fuel-Related	)	<b>DUKE ENERGY PROGRESS, LLC</b>
Charge Adjustments for Electric Utilities	)	

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1	U.	PLEASE	STATE YOUR	INAIVIELAINIJ	BUSHNESS	ADDRESS

- 2 A. My name is Dana M. Harrington, and my business address is 526 South Church
- 3 Street, Charlotte, North Carolina ("NC").
- 4 Q. HAVE YOU PREVIOUSLY FILED TESTIMONY IN THIS PROCEEDING?
- 5 A. Yes, on June 14, 2022, I caused to be pre-filed with the Commission my direct
- 6 testimony, six exhibits, and eighteen supporting workpapers.
- 7 Q. YOUR SUPPLEMENTAL TESTIMONY INCLUDES FOUR REVISED
- 8 EXHIBITS AND FIVE SUPPORTING WORKPAPERS. WERE THESE
- 9 SUPPLEMENTAL EXHIBITS AND WORKPAPERS PREPARED BY YOU
- 10 OR AT YOUR DIRECTION AND UNDER YOUR SUPERVISION?
- 11 A. Yes. These exhibits and workpapers were prepared by me and consist of the
- 12 following:
- Revised Harrington Exhibit 1: Summary Comparison of Fuel and Fuel-Related
- 14 Costs Factors,
- Revised Harrington Exhibit 2, Schedule 1, Pages 2 & 3: Fuel and Fuel-Related
- 16 Costs Factors reflecting a 94.05% proposed nuclear capacity factor and projected
- billing period megawatt hour ("MWh") sales; Schedule 2, Pages 1, 2, & 3: Fuel
- and Fuel-Related Costs Factors reflecting a 94.05% proposed nuclear capacity
- 19 factor and normalized test period MWh sales, and Schedule 3, Pages 2 & 3: Fuel
- and Fuel-Related Costs Factors reflecting an 93.49% North American Electric
- 21 Reliability Corporation ("NERC") five-year national weighted-average nuclear
- 22 capacity factor for comparable units and projected billing period MWh sales,
- Revised Harrington Exhibit 3, Page 1: Calculation of the Proposed Composite

1		Experience Modification Factor ("EMF") rate; Page 2: Calculation of the EMF for
2		residential customers; Page 3: Calculation of the EMF for small general service
3		customers; Page 4: Calculation of the EMF for medium general service customers;
4		Page 5: Calculation of the EMF for large general service customers, and Page 6:
5		Calculation of the EMF for lighting customers,
6	•	Revised Harrington Exhibit 4: Normalized Test Period MWh Sales, Fuel and Fuel-
7		Related Revenue, Fuel and Fuel-Related Expense, and System Peak,
8	•	Revised Harrington Workpaper 9 & 9b: Calculation of Normalized Test Period
9		Sales,
10	•	Revised Harrington Workpaper 15: Scenario Differences,
11	•	Revised Harrington Workpaper 16: 2.5% Calculation Test based on Projected
12		Sales,
13	•	Revised Harrington Workpaper 17: 2.5% Calculation Test based on Normalized
14		Sales, and
15	•	Revised Harrington Workpaper 18: 2.5% Calculation Test – Detail Calculation.
16	Q.	WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY IN
17		THIS PROCEEDING?
18	A.	The purpose of my testimony is to present the revised rates reflecting the impacts
19		related to three updates in my direct exhibits and workpapers.
20		The primary update relates to the proposed EMF increment for the under-
21		recovery of fuel and fuel-related costs. NCUC Rule R8-55(d)(3) allows the Company
22		to update the fuel and fuel-related cost recovery balance up to thirty (30) days prior to

the hearing. The Company elects this option and supplements the direct testimony and exhibits to include the fuel and fuel-related cost recovery balance as of the 15 months ended June 30, 2022. The Company experienced an under-collection of \$45,010,462 during the months of April, May, and June 2022. As shown on Revised Harrington Exhibit 3 Page 1, the incorporation of the updated test period under-collection results in an under-recovered EMF on June 30, 2022 of \$255,408,714.

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Second, during a review of the customer growth adjustment, it was discovered that one South Carolina customer previously treated as a new Medium General Service customer acquired during the review period was a business name change and not a customer addition. This precludes the customer from being included in the calculation. Revised Harrington Workpaper 9b is adjusted to remove this customer from the calculation and also reflects the correction of a typographical error within the South Carolina proposed MWh adjustment.

- CONSIDERING THAT THE FUEL AND FUEL-RELATED COST RECOVERY BALANCE WAS UPDATED, DID YOU DETERMINE THAT DEP'S ANNUAL CHANGE IN THE AGGREGATE AMOUNT OF THE COSTS IDENTIFIED IN SUBSECTIONS (4), (5), (6), (10) AND (11) OF N.C. GEN. STAT. § 62-133.2(A1) DID NOT EXCEED 2.5% OF ITS NC RETAIL GROSS REVENUES FOR 2021, AS REQUIRED BY N.C. GEN. STAT. § 62-133.2(A2)?
- Yes, the Company revisited the 2.5% test in light of updating the EMF period—the result being that the annual change in the costs recoverable under the relevant sections of the statute exceeds 2.5% of DEP's North Carolina Retail gross revenues

1		for calendar year 2021 by \$11,048,138 when applied to projected billing period
2		kilowatt hour ("kWh") sales and by \$7,568,575 when applied to normalized test
3		period kWh sales. The third and final update made by the Company is to update the
4		calculation on Revised Harrington Workpapers 16, 17, and 18 and exclude the
5		excess amounts from projected billing period costs on line 14 of Revised
6		Harrington Exhibit 2, Schedules 1, 2, and 3, Page 3.
7	Q.	PLEASE IDENTIFY THE SPECIFIC EXHIBITS AND WORKPAPERS
8		REVISED FOR EACH UPDATE.
9	A.	The primary update, to incorporate the EMF under-collection on June 30, 2022,
10		impacts the following exhibits and workpapers:
11		o Revised Harrington Exhibit 1,
12		o Revised Harrington Exhibit 2, Schedules, 1, 2, and 3, Pages 2 and 3,
13		o Revised Harrington Exhibit 3, Pages 1-6, and
14		o Revised Harrington Workpapers: 16, 17, and 18.
15		The second update, to revise the customer growth adjustment, impacts the following
16		exhibits and workpapers:
17		o Revised Harrington Exhibit 1,
18		o Revised Harrington Exhibit 2, Schedule 2, Pages 1, 2, and 3,
19		o Revised Harrington Exhibit 4, and
20		o Revised Harrington Workpapers: 9, 9b, 15, and 17.
21		The final update, to cap the annual increase in select purchased power costs at 2.5%
22		of NC Retail annual gross revenues for the prior calendar year, impacts the following
23		exhibits and workpapers:

- o Revised Harrington Exhibit 1,
- 2 o Revised Harrington Exhibit 2, Schedules, 1, 2, and 3, Pages 2 and 3, and
- o Revised Harrington Workpapers: 16, 17, and 18.

#### Q. WHAT IS THE RATE IMPACT OF THESE UPDATES?

The NC Retail Total Fuel Costs shown on Revised Harrington Exhibit 2, Schedule 1,
Page 3 increased by \$34,912,658 from the amounts filed in my direct testimony. This
amount represents an increase related to incorporating the April, May, and June 2022
net under-collected balance, partially offset by capping the increase in select
purchased power costs as required by N.C. Gen. Stat. § 62-133.2(A2).

The customer growth adjustment does not impact the proposed rates, which are based on projected billing period sales, but only impacts the scenario in which customer rates are based on normalized test period sales as shown on Revised Harrington Exhibit 1 line 6.

The components of the proposed fuel and fuel-related cost factors by customer class, as shown on Revised Harrington Exhibit 1, are as follows:

			Small	Medium	Large	
			General	General	General	
		Residential	Service	Service	Service	Lighting
Description	Reference	cents/kWh	cents/kWh	cents/kWh	cents/kWh	cents/kWh
Total adjusted Fuel and Fuel-Related Costs Factors	Sum	2.808	3.097	2.580	2.138	3.376
EMF Increment/(Decrement)	Exh 2 Sch 1 pg 2	0.649	0.449	0.586	0.898	0.834
Proposed Net Fuel and Fuel-Related Costs Factors	Exh 2 Sch 1 pg 2	3.457	3.546	3.166	3.036	4.210

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# Q. WHAT IS THE IMPACT TO CUSTOMERS' BILLS IF THE REVISED

# PROPOSED FUEL AND FUEL-RELATED COSTS FACTORS ARE

#### APPROVED BY THE COMMISSION?

A. The revised proposed fuel and fuel-related costs factors will result in an approximate 8.7% increase, on average, in customers' bills. The rates previously proposed in my

- direct testimony would have resulted in a 7.8% increase, on average, in customers'
- bills.
- 3 Q. DOES THIS CONCLUDE YOUR PRE-FILED SUPPLEMENTAL
- 4 TESTIMONY?
- 5 A. Yes, it does.

**Revised Harrington Exhibit 1** 

**Duke Energy Progress, LLC** North Carolina Annual Fuel and Fuel-Related Expense **Summary Comparison of Fuel and Fuel-Related Cost Factors** Twelve Months Ended March 31, 2022 Billing Period December 1, 2022 - November 30, 2023 Docket No. E-2, Sub 1292

Line No.	Description	Reference	Residential cents/kWh	Small General Service cents/kWh	Medium General Service cents/kWh	Large General Service cents/kWh	Lighting cents/kWh
	Current Fuel and Fuel-Related Cost Factors (Approved Fuel Rider Docket No. E-2	2, Sub 1272)					
1	Approved Fuel and Fuel-Related Costs Factors	Input	2.126	2.111	2.169	2.019	1.682
2	EMF Increment / (Decrement)	Input	0.245	0.186	0.235	0.508	0.336
3	EMF Interest Decrement cents/kWh, if applicable	n/a	-	-	-	-	-
4	Approved Net Fuel and Fuel-Related Costs Factors	Sum	2.371	2.297	2.404	2.527	2.018
	Other Fuel and Fuel-Related Cost Factors						
5	NERC Capacity Factor of 93.49% with Projected Billing Period MWh Sales	Exh 2 Sch 3 pg 3	3.468	3.559	3.174	3.041	4.233
6	Proposed Nuclear Capacity Factor of 94.05% with Normalized Test Period MWh	Exh 2 Sch 2 pg 3	3.441	3.438	3.154	3.093	4.599
	Proposed Fuel and Fuel-Related Cost Factors using Proposed Nuclear Capacity F	actor of 94.05% with	Projected Billin	g Period MW	<u>h Sales</u>		
7	Fuel and Fuel-Related Costs excluding Purchased Capacity	Exh 2 Sch 1 pg 2	2.672	2.954	2.474	2.064	3.376
8	Renewable and Qualifying Facilities Purchased Power Capacity	Exh 2 Sch 1 pg 2	0.136	0.143	0.106	0.074	-
9	Total adjusted Fuel and Fuel-Related Costs Factors	Sum	2.808	3.097	2.580	2.138	3.376
10	EMF Increment/(Decrement)	Exh 2 Sch 1 pg 2	0.649	0.449	0.586	0.898	0.834
11	EMF Interest Decrement, if applicable	n/a	-	-	-	-	-
12	Proposed Net Fuel and Fuel-Related Costs Factors	Exh 2 Sch 1 pg 2	3.457	3.546	3.166	3.036	4.210

Note: The above rates do not include state regulatory fees.

Duke Energy Progress, LLC

North Carolina Annual Fuel and Fuel-Related Expense

Calculation of Fuel and Fuel-Related Cost Factors Using:

Proposed Nuclear Capacity Factor of 94.05% with Projected Billing Period MWh Sales

Billing Period December 1, 2022 - November 30, 2023

Docket No. E-2, Sub 1292

Revised Harrington Exhibit 2 Schedule 1 Page 2 of 3

Line No.	Description	_	R	Residential	General Service Small	General Service Medium	General Service Large	Lighting	Total
1	NC Retail Projected Billing Period MWh Sales	Workpaper 8		16,637,596	1,797,603	10,360,942	9,189,937	379,481	38,365,559
Calculation	of Renewable and Qualifying Facilities Purchased Power Capacity Rate by Class								Amount
2	Renewable Purchased Power Capacity	Workpaper 4						\$	23,896,105
3	Purchases from Qualifying Facilities Capacity	Workpaper 4							46,050,571
4	Total of Renewable and Qualifying Facilities Purchased Power Capacity	Line 2 + Line 3						\$	69,946,676
5	NC Portion - Jurisdictional % based on Production Plant Allocator	Workpaper 14						_	61.54%
6	NC Renewable and Qualifying Facilities Purchased Power Capacity	Line 5 * Line 6						\$	43,045,531
7	Production Plant Allocation Factors	Workpaper 14		52.73%	5.99%	25.52%	15.77%	0.00%	100.000%
8	Renewable and Qualifying Facilities Purchased Power Capacity allocated on Production Plant %	Line 6 * Line 7	\$	22,696,026 \$	2,577,085 \$	10,984,273 \$	6,788,147 \$	- \$	43,045,531
9	Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh based on Projected Billing Period Sales	Line 8 / Line 1 / 10		0.136	0.143	0.106	0.074	-	0.112
Summary o	f Total Rate by Class		С	ents/kWh	cents/kWh	cents/kWh	cents/kWh	cents/kWh	
10	Fuel and Fuel-Related Costs excluding Renewable and Qualifying Facilities Purchased Power Capacity	Line 15 - Line 11 - Line 13 -						_	
10	cents/kWh	Line 14		2.672	2.954	2.474	2.064	3.376	
11	Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh	Line 9		0.136	0.143	0.106	0.074		
12	Total adjusted Fuel and Fuel-Related Costs cents/kWh	Line 10 + Line 11		2.808	3.097	2.580	2.138	3.376	
13	EMF Increment/(Decrement) cents/kWh	Exh 3 pg 2, 3, 4, 5, 6		0.649	0.449	0.586	0.898	0.834	
14	EMF Interest Increment/(Decrement) cents/kWh	Exh 3 pg 2, 3, 4, 5, 6							
15	Net Fuel and Fuel-Related Costs Factors cents/kWh	Exh 2 Sch 1 Page 3		3.457	3.546	3.166	3.036	4.210	

Note: Rounding differences may occur

Duke Energy Progress, LLC

North Carolina Annual Fuel and Fuel Related Expense

Calculation of Uniform Percentage Average Bill Adjustment by Customer Class

Proposed Nuclear Capacity Factor of 94.05% with Projected Billing Period MWh Sales

Billing Period December 1, 2022 - November 30, 2023

Docket No. E-2, Sub 1292

Revised Harrington Exhibit 2 Schedule 1 Page 3 of 3

Line No.	Rate Class	NC Retail Projected Billing Period MWh S		Annual Revenue at Current rates	Allocate Fuel Costs Increase/(Decrease) to Customer Class	Increase/Decrease as % of Annual Revenue at Current Rates	Total Fuel Rate Increase/(Decrease) cents/kWh	Current Total Fuel Rate (including renewables and EMF) E-2, Sub 1272 cents/kWh	Rate (including
		А		В	С	D	Е	F	G
						- 1-	If D=0 then 0 if not then		
		Workpaper 8		Workpaper 12	Line 27 as a % of Column B	S C/B	(C*100)/(A*1000)	Exhibit 1, Line 4	E + F = G
1	Residential	16,63	37,596 \$	2,075,916,528	\$ 180,736,590	8.7%	1.086	2.371	3.457
2	Small General Service	1,79	97,603	257,917,886	22,455,238	8.7%	1.249	2.297	3.546
3	Medium General Service	10,36	50,942	907,180,740	78,982,344	8.7%	0.762	2.404	3.166
4	Large General Service	9,18	39,937	536,849,788	46,740,030	8.7%	0.509	2.527	3.036
5	Lighting	37	79,481	95,551,608	8,319,059	8.7%	2.192	2.018	4.210
6	NC Retail	38,36	55,559 \$	3,873,416,550	\$ 337,233,261	-			
	Total Proposed Composite Fuel Rate:								
7	Adjusted System Total Fuel Costs	Workpaper 8	\$	1,612,342,436					
8	System Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 1, Page 2	·	69,946,676					
9	Adjusted System Other Fuel Costs	Line 7 - Line 8	\$						
10	NC Retail Allocation % - sales at generation	Workpaper 11		62.74%	6				
11	NC Retail Other Fuel Costs	Line 9 * Line 10	\$	967,699,100					
12	NC Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 1, Page 2	·	43,045,531					
13	NC Retail Total Fuel Costs before 2.5% Purchase Power Test	Line 11 + Line 12	\$						
14	NC Retail Reduction due to 2.5% Purchased Power Test	Workpaper 16		(11,048,138	)				
15	NC Retail Total Fuel Costs	Line 13 + Line 14	\$	999,696,493	_				
16	NC Projected Billing Period MWh Sales	Line 6, col A		38,365,559					
17	Calculated Fuel Rate cents/kWh	Line 15 / Line 16 / 10		2.606					
18	Proposed Composite EMF Rate cents/kWh	Exhibit 3 Page 1		0.677					
19	Proposed Composite EMF Rate Interest cents/kWh	Exhibit 3 Page 1			_				
20	Total Proposed Composite Fuel Rate	Sum of Lines 17-19		3.283	_				
	Total Current Composite Fuel Rate - Docket E-2 Sub 1272:								
21	Current composite Fuel Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 17	t	2.106					
22	Current composite EMF Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 18	}	0.298					
23	Current composite EMF Interest cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 19		0.000	_				
24	Total Current Composite Fuel Rate	Sum of Lines 21-23		2.404	_				
25	Increase/(Decrease) in Composite Fuel rate cents/kWh	Line 20 - Line 24		0.879					
26	NC Projected Billing Period MWh Sales	Line 6, col A		38,365,559					
27	Increase/(Decrease) in Fuel Costs	Line 25 * Line 26 * 10	\$	337,233,261					
	Notes: Rounding differences may occur								

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel-Related Expense
Calculation of Fuel and Fuel Related Cost Factors Using:
Proposed Nuclear Capacity Factor of 94.05% with Normalized Test Period MWh Sales
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 2 Schedule 2 Page 1 of 3

Line No.	Unit	, ,		Unit Cost (cents/kWh)	Fuel Cost (\$)
			Α	C/A/10=B	С
1	Total Nuclear	Workpaper 3-4	29,601,651	0.5952 \$	176,202,941
2	Coal	Workpaper 15	9,015,824	3.8657	348,521,571
3	Gas - CT and CC	Workpaper 3-4	19,494,222	3.7995	740,683,337
4	Reagents & Byproducts	Workpaper 4			47,259,477
5	Total Fossil	Sum of Lines 2 - 4	28,510,046		1,136,464,385
6	Hydro	Workpaper 3	667,442		-
7	Net Pumped Storage				-
8	Total Hydro	Sum of Lines 6 - 7	667,442		-
9	Utility Owned Solar Generation	Workpaper 3	264,499		<u> </u>
10	Total Generation	Line 1 + Line 5 + Line 8 + Line 9	59,043,638		1,312,667,326
11	Purchases	Workpaper 3 - 4	10,294,418		547,458,242
12	JDA Savings Shared	Workpaper 6			(37,582,671)
13	Total Purchases	Sum of Lines 11 - 12	10,294,418		509,875,571
14	Total Generation and Purchases	Line 10 + Line 13	69,338,056		1,822,542,897
15	Fuel expense recovered through intersystem sales	Workpaper 3 - 4	(5,502,977)		(213,736,707)
16	Line losses and Company use	Line 18 - Line 15 - Line 14	(2,362,097)		-
17	System Fuel Expense for Fuel Factor	Lines 14 + Line 15 + Line 16	-	\$	1,608,806,190
18	Normalized Test Period MWh Sales for Fuel Factor	Exhibit 4	61,472,982		61,472,982
19	Fuel and Fuel-Related Costs cents/kWh	Line 17 / Line 18 / 10			2.617

Note: Rounding differences may occur

Revised Harrington Exhibit 2

Schedule 2 Page 2 of 3

**Duke Energy Progress, LLC** North Carolina Annual Fuel and Fuel-Related Expense Calculation of Fuel and Fuel Related Cost Factors Using: Proposed Nuclear Capacity Factor of 94.05% with Normalized Test Period MWh Sales Billing Period December 1, 2022 - November 30, 2023 Docket No. E-2, Sub 1292

Line No.	Description		Residential	General Service Small	General Service Medium	General Service Large	Lighting	Total
	Description .	<del>-</del> -	Residential	Siliuli	Wicarani	E0190	2.6	1000
1	NC Retail Normalized Test Period MWh Sales	Workpaper 9	16,792,596	1,956,415	10,468,785	8,202,098	320,322	37,740,216
Calculation	of Renewable and Qualifying Facilities Purchased Power Capacity Rate by Class							<u>Amount</u>
2	Renewable Purchased Power Capacity	Workpaper 4					\$	23,896,105
3	Purchases from Qualifying Facilities Capacity	Workpaper 4						46,050,571
4	Total of Renewable and Qualifying Facilities Purchased Power Capacity	Line 2 + Line 3					\$	69,946,676
5	NC Portion - Jurisdictional % based on Production Plant Allocator	Workpaper 14						61.54%
6	NC Renewable and Qualifying Facilities Purchased Power Capacity	Line 5 * Line 6					\$	43,045,531
7	Production Plant Allocation Factors	Workpaper 14	52.73%	5.99%	25.52%	15.77%	0.00%	100.000%
8	Renewable and Qualifying Facilities Purchased Power Capacity allocated on Production Plant %	Line 6 * Line 7	\$ 22,696,026 \$	2,577,085 \$	10,984,273 \$	6,788,147 \$	- \$	43,045,531
9	Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh based on Projected							
3	Billing Period Sales	Line 8 / Line 1 / 10	0.135	0.132	0.105	0.083	-	0.114
Summary o	of Total Rate by Class		cents/kWh	cents/kWh	cents/kWh	cents/kWh	cents/kWh	
10	Fuel and Fuel-Related Costs excluding Renewable and Qualifying Facilities Purchased Power	Line 15 - Line 11 - Line 13						
10	Capacity cents/kWh	- Line 14	2.657	2.857	2.463	2.112	3.765	
11	Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh	Line 9	0.135	0.132	0.105	0.083	<u>-</u> _	
12	Total adjusted Fuel and Fuel-Related Costs cents/kWh	Line 10 + Line 11	2.792	2.989	2.568	2.195	3.765	
13	EMF Increment/(Decrement) cents/kWh	Exh 3 pg 2, 3, 4, 5, 6	0.649	0.449	0.586	0.898	0.834	
14	EMF Interest Increment/(Decrement) cents/kWh	Exh 3 pg 2, 3, 4, 5, 6						
15	Net Fuel and Fuel-Related Costs Factors cents/kWh	Exh 2 Sch 2 Page 3	3.441	3.438	3.154	3.093	4.599	

Note: Rounding differences may occur

Duke Energy Progress, LLC

North Carolina Annual Fuel and Fuel Related Expense

Calculation of Uniform Percentage Average Bill Adjustment by Customer Class

Proposed Nuclear Capacity Factor of 94.05% with Normalized Test Period MWh Sales

Billing Period December 1, 2022 - November 30, 2023

Docket No. E-2, Sub 1292

Revised Harrington Exhibit 2 Schedule 2 Page 3 of 3

Line No.	Rate Class	NC Retail Normalized Test Period MWh Sale		Annual Revenue at Current rates	Increas		Increase/Decrease as % of Annual Revenue at Current Rates	Total Fuel Rate Increase/(Decrease) cents/kWh	Current Total Fuel Rate (including renewables and EMF) E-2, Sub 1272 cents/kWh	Rate (including
		Α		В		С	D	Е	F	G
		Workpaper 9		Workpaper 12	Line 27 a	ıs a % of Column B	C/B	If D=0 then 0 if not then (C*100)/(A*1000)	Exhibit 1, Line 4	E + F = G
1	Residential	16,792,5	96 \$	2,075,916,528	\$	179,611,040	8.7%	1.070	2.371	3.441
2	Small General Service	1,956,4		257,917,886		22,315,396	8.7%	1.141	2.297	3.438
3	Medium General Service	10,468,7		907,180,740		78,490,476	8.7%	0.750	2.404	3.154
4	Large General Service	8,202,0	198	536,849,788		46,448,953	8.7%	0.566	2.527	3.093
5	Lighting	320,3	.22	95,551,608		8,267,251	8.7%	2.581	2.018	4.599
6	NC Retail	37,740,2	.16 \$	3,873,416,550	\$	335,133,117				
_	Total Proposed Composite Fuel Rate:									
7	Adjusted System Total Fuel Costs	Workpaper 9	\$	1,609,568,126						
8	System Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 2, Page 2	_	69,946,676	_					
9	System Other Fuel Costs	Line 7 - Line 8	\$	1,539,621,449						
10	NC Retail Allocation % - sales at generation	Workpaper 11		61.80%	) )					
11	NC Retail Other Fuel Costs	Line 9 * Line 10	Ś	951,486,056						
12	NC Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 2, Page 2	•	43,045,531						
13	NC Retail Total Fuel Costs	Line 11 + Line 12	\$	994,531,587	_					
14	NC Retail Reduction due to 2.5% Purchased Power Test	Workpaper 17	Ś	(7,568,575)	)					
15	NC Retail Total Fuel Costs	Line 13 + Line 14	\$	986,963,012	_					
16	Adjusted NC Normalized Test Period MWh Sales	Line 6, col A		37,740,216						
17	Calculated Fuel Rate cents/kWh	Line 15 / Line 16 /10		2.615						
18	Proposed Composite EMF Rate cents/kWh	Exhibit 3 Page 1		0.677						
19	Proposed Composite EMF Rate Interest cents/kWh	Exhibit 3 Page 1								
20	Total Proposed Composite Fuel Rate	Sum of Lines 17-19		3.292	-					
	Total Current Composite Fuel Rate - Docket E-2 Sub 1272:									
21	Current composite Fuel Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 17		2.106						
22	Current composite EMF Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 18		0.298						
23	Current composite EMF Interest cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 19		0.000	_					
24	Total Current Composite Fuel Rate	Sum of Lines 21 - 23		2.404	-					
25	Increase/(Decrease) in Composite Fuel rate cents/kWh	Line 20 - Line 24		0.888						
26	Adjusted NC Normalized Test Period MWh Sales	Line 6, col A		37,740,216						
27	Increase/(Decrease) in Fuel Costs	Line 25 * Line 26 * 10	\$	335,133,117						
	Note: Rounding differences may occur									

**Revised Harrington Exhibit 2** 

Schedule 3

Page 2 of 3

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel-Related Expense
Calculation of Fuel and Fuel-Related Cost Factors Using:
NERC Capacity Factor of 93.49% with Projected Billing Period MWh Sales
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

General General General Service Service Service Description Residential Small Medium Lighting Total Line No. Large NC Retail Projected Billing Period MWh Sales Workpaper 8 16,637,596 1,797,603 10,360,942 9,189,937 379,481 38,365,559 1 <u>Calculation of Renewable and Qualifying Facilities Purchased Power Capacity Rate by Class</u> <u>Amount</u> \$ 23,896,105 Renewable Purchased Power Capacity Workpaper 4 46,050,571 3 Purchases from Qualifying Facilities Capacity Workpaper 4 4 Total of Renewable and Qualifying Facilities Purchased Power Capacity Line 2 + Line 3 69,946,676 5 NC Portion - Jurisdictional % based on Production Plant Allocator Workpaper 14 61.54% \$ 6 NC Renewable and Qualifying Facilities Purchased Power Capacity Line 5 \* Line 6 43,045,531 7 **Production Plant Allocation Factors** Workpaper 14 52.73% 5.99% 25.52% 15.77% 0.00% 100.000% 8 Renewable and Qualifying Facilities Purchased Power Capacity allocated on Production Plant % Line 6 \* Line 7 22,696,026 \$ 2,577,085 \$ 10,984,273 \$ 6,788,147 \$ 43,045,531 Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh based on Projected 9 **Billing Period Sales** Line 8 / Line 1 / 10 0.074 0.112 0.136 0.143 0.106 cents/kWh cents/kWh cents/kWh cents/kWh **Summary of Total Rate by Class** cents/kWh Fuel and Fuel-Related Costs excluding Renewable and Qualifying Facilities Purchased Power Line 15 - Line 11 - Line 13 -10 2.482 Capacity cents/kWh Line 14 2.683 2.967 2.069 3.399 11 Renewable and Qualifying Facilities Purchased Power Capacity cents/kWh Line 9 0.136 0.143 0.106 0.074 Total adjusted Fuel and Fuel-Related Costs cents/kWh 2.819 3.110 2.588 2.143 3.399 12 Line 10 + Line 11 13 EMF Increment/(Decrement) cents/kWh Exh 3 pg 2, 3, 4, 5, 6 0.449 0.586 0.898 0.834 0.649 14 EMF Interest Increment/(Decrement) cents/kWh Exh 3 pg 2, 3, 4, 5, 6 3.468 3.559 3.041 4.233 15 Net Fuel and Fuel-Related Costs Factors cents/kWh Exh 2 Sch 3 Page 3 3.174

Note: Rounding differences may occur

Duke Energy Progress, LLC

North Carolina Annual Fuel and Fuel Related Expense

Calculation of Uniform Percentage Average Bill Adjustment by Customer Class

NERC Capacity Factor of 93.49% with Projected Billing Period MWh Sales

Billing Period December 1, 2022 - November 30, 2023

Docket No. E-2, Sub 1292

Revised Harrington Exhibit 2 Schedule 3 Page 3 of 3

Line No.	Rate Class	NC Retail Projected Billing Period MWh Sales	Annual Revenue a	Allocate Fuel Costs t Increase/(Decrease) to Customer Class	Increase/Decrease as % of Annual Revenue at Current Rates	Total Fuel Rate Increase/(Decrease) cents/kWh	Current Total Fuel Rate (including renewables and EMF) E-2, Sub 1272 cents/kWh	Proposed Total Fuel Rate (including renewables and EMF) cents/kWh
Line Ho.	nate class	A	В	C	D	E	F	G
			_	-		If D=0 then 0 if not	·	_
				Line 27 as a % of Column		then		
		Workpaper 8	Workpaper 12	В	C / B	(C*100)/(A*1000)	Exhibit 1, Line 4	E + F = H
1	Residential	16,637,596	\$ 2,075,916,52	8 \$ 182,587,136	8.8%	1.097	2.371	3.468
2	Small General Service	1,797,603			8.8%	1.262		
2	Medium General Service	10,360,942			8.8%	0.770		
3	Large General Service	9,189,937			8.8%	0.770		
4	-							
5	Lighting	379,481			8.8%	2.215	2.018	4.233
6	NC Retail	38,365,559	\$ 3,873,416,55	0 \$ 340,686,161	•			
	Total Proposed Composite Fuel Rate:							
7	Adjusted System Total Fuel Costs	Workpaper 10	\$ 1,618,076,89	3				
8	System Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 3, Page 2	69,946,67	6				
9	System Other Fuel Costs	Line 7 - Line 8	\$ 1,548,130,21	7				
10	NC Retail Allocation % - sales at generation	Workpaper 11	62.74	%				
11	NC Retail Other Fuel Costs	Line 9 * Line 10	\$ 971,296,89	8				
12	NC Renewable and Qualifying Facilities Purchased Power Capacity	Exhibit 2 Sch 3, Page 2	43,045,53					
13	NC Retail Total Fuel Costs	Line 11 + Line 12	\$ 1,014,342,42					
				- \				
14	NC Retail Reduction due to 2.5% Purchased Power Test	Workpaper 16	\$ (11,048,13					
15	NC Retail Total Fuel Costs	Line 13 + Line 14	\$ 1,003,294,29	1				
16	NC Projected Billing Period MWh Sales	Line 6, col A	38,365,55	9				
17	Calculated Fuel Rate cents/kWh	Line 15 / Line 16 /10	2.61	5				
18	Proposed Composite EMF Rate cents/kWh	Exhibit 3 Page 1	0.67	7				
19	Proposed Composite EMF Rate Interest cents/kWh	Exhibit 3 Page 1						
20	Total Proposed Composite Fuel Rate	Sum of Lines 15-17	3.29	2				
	Total Current Composite Fuel Rate - Docket E-2 Sub 1272:							
21	Current composite Fuel Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 17	2.10	6				
22	Current composite EMF Rate cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Fg 3, Lh 17	0.29					
23	Current composite EMF Interest cents/kWh	2021 Revised Harrington Exh 2, Sch 1, Pg 3, Ln 19	0.00					
24	Total Current Composite Fuel Rate	Sum of Lines 21 - 23	2.40					
25	Increase/(Decrease) in Composite Fuel rate cents/kWh	Line 20 - Line 24	0.88	8				
26	NC Projected Billing Period MWh Sales	Line 6, col A	38,365,55	9				
27	Increase/(Decrease) in Fuel Costs	Line 25* Line 26 * 10	\$ 340,686,16	1				
	Note: Rounding differences may occur							

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Proposed Composite Experience Modification Factor
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3
Page 1 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	-	oorted Adjusted Over)/Under Recovery (f)
No. 1	Month April 2021 (Sub 1250) Note [1]	2.213	2.149	2,792,969	\$ 1,806,864		\$	1,806,864
2	May Note [2]	2.996	2.149	2,792,969	21,857,325	-	Ş	21,857,325
3	June Note [3]	2.637	2.148	2,973,987	14,562,419	\$ (145,865)		14,416,554
3 4	July	2.767	2.148	3,640,179	22,532,613	Ş (143,803)		22,532,613
5	August	2.819	2.146	3,632,758	24,450,052	_		24,450,052
6	September	2.118	2.148	3,666,084	(1,089,005)	_		(1,089,005)
7	October	2.405	2.153	2,900,680	7,319,766	_		7,319,766
8	November	3.745	2.125	1,777,446	28,786,209	_		28,786,209
9	December (New Rates - Sub 1272)	3.213	2.140	2,791,497	29,970,992	_		29,970,992
10	January 2022	4.158	2.136	3,292,881	66,583,193	_		66,583,193
11	February Note [4]	2.478	2.112	4,045,880	14,803,795	(551)		14,803,244
12	March	2.520	2.110	3,137,475	12,855,905	-		12,855,905
13	Total Test Period Notes [1] & [2]		· -	37,239,435	244,440,128	\$ (146,416)	\$	244,293,711
14	April	1.810	2.107	2,706,029	(8,047,596)	-		(8,047,596)
15	May	2.934	2.108	2,812,712	23,246,955	-		23,246,955
16	June	3.009	2.112	3,321,951	29,811,103	\$ -		29,811,103
17	Booked 15-month (Over) / Under Recovery						\$	289,304,171
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]							(38,080,741)
19	Total 12-month (Over) / Under Recovery						\$	251,223,430
20	Adjustment to exclude test period by-product net gain/loss accrue	d expense per Docket	No. E-2 Sub 1204 (	Order				(1,427,778)
21	Adjustment to include test period by-product net gain/loss cash period by-product net	ayments per Docket N	lo. E-2 Sub 1204 Or	der				5,613,062
22	Total Adjusted (Over) / Under Recovery Request						\$	255,408,714
23	Normalized Test Period MWh Sales	Exhibit 4						37,740,216
24	Experience Modification Increment / (Decrement) cents/KWh							0.677

#### Notes:

- [1] April 2021 sales do not reflect 1,194 LGS MWh sales.
- [2] May 2021 sales do not reflect 1,036 LGS MWh sales.
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Residential
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3
Page 2 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Adju	ported stments (e)	-	orted Adjusted Over)/Under Recovery (f)
No.	Month				<b>.</b>				
1	April 2021 (Sub 1250)	2.275	2.080	1,133,167				\$	2,212,855
2	May	3.282	2.080	985,317	11,844,369		47.000		11,844,369
3	June Note [3]	2.623	2.080	1,243,074	6,749,069	\$	47,988		6,797,057
4	July	2.723	2.080	1,554,529	10,000,067				10,000,067
5	August	2.678	2.080	1,595,891	9,543,510				9,543,510
6	September	2.080	2.080	1,566,329	(4,679)				(4,679)
7	October	2.677	2.080	1,090,092	6,509,020				6,509,020
8	November	2.675	2.080	1,024,290	6,089,826				6,089,826
9	December (New Rates - Sub 1272)	2.698	2.101	1,448,892	8,661,593				8,661,593
10	January 2022	3.740	2.126	1,592,256	25,697,148				25,697,148
11	February Note [4]	2.510	2.126	1,740,521	6,683,771		(227)		6,683,544
12	March	2.679	2.126	1,287,593	7,125,238				7,125,238
13	Total Test Period			16,261,952	\$ 101,111,788	\$	47,761	\$	101,159,549
14	April	2.075	2.126	1,034,632	(523,263)				(523,263)
15	May	3.431	2.126	1,053,526	13,749,962				13,749,962
16	June	3.083	2.126	1,421,829	13,609,122	\$	-		13,609,122
17	Booked 15-month (Over) / Under Recovery							\$	127,995,369
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]								(20,854,281)
19	Total 12-month (Over) / Under Recovery							\$	107,141,088
20	Adjustment to exclude test period by-product net gain/loss accrued ex	pense per Docket No. E	-2 Sub 1204 Order						(614,224)
21	Adjustment to include test period by-product net gain/loss cash payment	ents per Docket No. E-2	Sub 1204 Order						2,414,716
22	Total Adjusted (Over) / Under Recovery Request							\$	108,941,580
23	Normalized Test Period MWh Sales	Exhibit 4							16,792,596
24	Experience Modification Increment (Decrement) cents/KWh								0.649

#### Notes:

- [1] N/A
- [2] N/A
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Small General Service
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3
Page 3 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	-	orted Adjusted Over)/Under Recovery (f)
No.	Month				+ (			(12 122)
1	April 2021 (Sub 1250)	2.095	2.126	137,824			\$	(43,406)
2	May	2.839	2.126	127,536	909,564			909,564
3	June Note [3]	2.389	2.126	152,627	401,726	\$ 5,493		407,219
4	July	2.585	2.126	183,849	843,731			843,731
5	August	2.536	2.126	188,716	774,014			774,014
6	September	1.895	2.126	192,880	(446,259)			(446,259)
7	October	2.201	2.126	148,567	112,079			112,079
8	November	2.413	2.126	126,539	363,381			363,381
9	December (New Rates - Sub 1272)	2.568	2.120	162,788	728,703			728,703
10	January 2022	4.006	2.111	158,618	3,006,746			3,006,746
11	February Note [4]	2.829	2.110	165,103	1,186,181	(26)		1,186,155
12	March	2.458	2.111	150,228	521,027			521,027
13	Total Test Period			1,895,276	\$ 8,357,485	\$ 5,467	\$	8,362,952
14	April	1.773	2.111	130,126	(439,416)			(439,416)
15	May	2.795	2.111	138,851	949,126			949,126
16	June	2.688	2.111	175,258	1,011,379	\$ -		1,011,379
17	Booked 15-month (Over) / Under Recovery						\$	9,884,041
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]							(1,273,376)
19	Total 12-month (Over) / Under Recovery						\$	8,610,665
20	Adjustment to exclude test period by-product net gain/loss accrued ex	pense per Docket No. E	-2 Sub 1204 Order					(58,264)
21	Adjustment to include test period by-product net gain/loss cash paym	•						229,056
22	Total Adjusted (Over) / Under Recovery Request	·					\$	8,781,456
23	Normalized Test Period MWh Sales	Exhibit 4						1,956,415
24	Experience Modification Increment (Decrement) cents/KWh							0.449

## Notes:

- [1] N/A
- [2] N/A
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC

North Carolina Annual Fuel and Fuel Related Expense

Calculation of Experience Modification Factor - Medium General Service

Twelve Months Ended March 31, 2022

Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3 Page 4 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Adjus	oorted stments (e)	-	orted Adjusted Over)/Under Recovery (f)
No.	Month	2 425	2 220	022.007	ć (040.442)			\$	(040 443)
1 2	April 2021 (Sub 1250) May	2.125 2.782	2.228 2.228	822,997 788,212	\$ (849,442) 4,369,225			Ş	(849,442) 4,369,225
3	June Note [3]	2.490	2.228	890,739	2,333,200	¢	32,806		2,366,006
4	July	2.774	2.228	1,027,752	5,613,630	Ą	32,000		5,613,630
5	August	2.799	2.228	1,034,942	5,912,321				5,912,321
6	September	2.045	2.228	1,074,563	(1,962,880)				(1,962,880)
7	October	2.204	2.228	895,855	(217,832)				(217,832)
8	November	3.981	2.228	472,283	8,278,260				8,278,260
9	December (New Rates - Sub 1272)	3.041	2.213	817,598	6,766,628				6,766,628
10	January 2022	6.037	2.177	628,178	24,248,779				24,248,779
11	February Note [4]	2.673	2.175	1,039,371	5,179,931		(158)		5,179,773
12	March	2.350	2.170	932,757	1,673,661		()		1,673,661
13	Total Test Period		-	10,425,247		\$	32,648	\$	61,378,129
14	April	1.596	2.169	852,188	(4,886,973)				(4,886,973)
15	May	2.535	2.169	903,745	3,303,812				3,303,812
16	June	2.815	2.169	986,113	6,365,331	\$	-		6,365,331
17	Booked 15-month (Over) / Under Recovery							\$	66,160,299
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]								(5,885,789)
19	Total 12-month (Over) / Under Recovery							\$	60,274,510
20	Adjustment to exclude test period by-product net gain/loss accrued ex	pense per Docket No. E	-2 Sub 1204 Order						(366,791)
21	Adjustment to include test period by-product net gain/loss cash paym	ents per Docket No. E-2	Sub 1204 Order						1,441,974
22	Total Adjusted (Over) / Under Recovery Request							\$	61,349,694
23	Normalized Test Period MWh Sales	Exhibit 4							10,468,785
24	Experience Modification Increment (Decrement) cents/KWh								0.586

#### Notes:

- [1] N/A
- [2] N/A
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Large General Service
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3
Page 5 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Reported Adjustments (e)	-	orted Adjusted Over)/Under Recovery (f)
No. 1	Month April 2021 (Sub 1250) Note [1]	2.276	2.204	670,687	\$ 483,814		\$	483,814
2	May Note [2]	2.907	2.204	658,316	4,629,597		Ą	4,629,597
3	June Note [3]	2.956	2.204	659,328	4,959,116	\$ (233,121)		4,725,996
3 4	July	2.895	2.204	845,850	5,847,655	۶ (233,121)		5,847,655
5	August	3.218	2.204	785,042	7,956,895			7,956,895
6	September	2.357	2.204	804,148	1,233,559			1,233,559
7	October	2.322	2.204	737,900	868,796			868,796
8	November	12.388	2.204	136,026	13,853,225			13,853,225
9	December (New Rates - Sub 1272)	6.232	2.195	334,358	13,495,940			13,495,940
10	January 2022	3.574	2.140	894,393	12,827,379			12,827,379
11	February Note [4]	2.169	2.039	1,073,732	1,394,510	(138)		1,394,372
12	March	2.482	2.022	737,741	3,390,298	(,		3,390,298
13	Total Test Period Notes [1] & [2]		-	8,337,521		\$ (233,259)	\$	70,707,527
14	April	1.715	2.020	654,388	(1,995,062)			(1,995,062)
15	May	2.775	2.019	683,231	5,159,754			5,159,754
16	June	3.219	2.020	710,869	8,520,806	\$ -		8,520,806
17	Booked 15-month (Over) / Under Recovery						\$	82,393,025
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]							(9,839,407)
19	Total 12-month (Over) / Under Recovery						\$	72,553,618
20	Adjustment to exclude test period by-product net gain/loss accrued exp	oense per Docket No. E	-2 Sub 1204 Order					(378,917)
21	Adjustment to include test period by-product net gain/loss cash payme	ents per Docket No. E-2	Sub 1204 Order					1,489,645
22	Total Adjusted (Over) / Under Recovery Request						\$	73,664,346
23	Normalized Test Period MWh Sales	Exhibit 4						8,202,098
24	Experience Modification Increment (Decrement) cents/KWh							0.898

#### Notes:

- [1] April 2021 sales do not reflect 1,194 LGS MWh sales.
- [2] May 2021 sales do not reflect 1,036 LGS MWh sales.
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel Related Expense
Calculation of Experience Modification Factor - Lighting
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 3
Page 6 of 6

Line		Fuel Cost Incurred ¢/ kWh (a)	Fuel Cost Billed ¢/ kWh (b)	NC Retail MWh Sales (c)	Reported (Over)/Under Recovery (d)	Adjus	oorted stments (e)	-	orted Adjusted Over)/Under Recovery (f)
No. 1	Month	1.403	1.392	28,294	\$ 3,043			\$	3,043
2	April 2021 (Sub 1250) May	1.763	1.392	28,294	3,043 104,570			Ş	3,043 104,570
3	June Note [3]	1.815	1.392	28,218	119,307	¢	969		120,276
3 4	July	2.199	1.392	28,218	227,530	Ą	303		227,530
5	August	2.327	1.392	28,167	263,312				263,312
6	September	1.716	1.392	28,164	91,254				91,254
7	October	1.561	1.392	28,266	47,703				47,703
8	November	2.493	1.392	18,309	201,517				201,517
9	December (New Rates - Sub 1272)	2.605	1.463	27,861	318,128				318,128
10	January 2022	5.787	1.655	19,436	803,141				803,141
11	February Note [4]	2.989	1.665	27,153	359,402		(2)		359,400
12	March	2.174	1.675	29,156	145,681		(-/		145,681
13	Total Test Period			319,438		\$	967	\$	2,685,554
14	April	1.095	1.680	34,695	(202,882)	)			(202,882)
15	May	1.934	1.681	33,360	84,301				84,301
16	June	2.773	1.682	27,883	304,465	\$	-		304,465
17	Booked 15-month (Over) / Under Recovery							\$	2,871,437
18	Adjustment to exclude Under Recovery - April - June 2021 Note [5]							•	(227,888)
19	Total 12-month (Over) / Under Recovery							\$	2,643,549
20	Adjustment to exclude test period by-product net gain/loss accrued ex	kpense per Docket No. E	-2 Sub 1204 Order						(9,582)
21	Adjustment to include test period by-product net gain/loss cash paym	nents per Docket No. E-2	Sub 1204 Order						37,671
22	Total Adjusted (Over) / Under Recovery Request							\$	2,671,637
23	Normalized Test Period MWh Sales	Exhibit 4							320,322
24	Experience Modification Increment (Decrement) cents/KWh								0.834

#### Notes:

- [1] N/A
- [2] N/A
- [3] Reported \$ adjustment in June 2021 corrects EMF for under-reported June 2020 May 2021 LGS sales.
- [4] Reported \$ adjustment in February 2022 corrects marginal fuel cost and benefit allocations to NC Retail associated with solar net metered generation.
- [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.

Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel-Related Expense
Normalized Test Period MWh Sales, Fuel and Fuel-Related Revenue, Fuel and Fuel-Related Expense, and System Peak
Twelve Months Ended March 31, 2022
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

Revised Harrington Exhibit 4

Line No.	Description	Reference	Т	otal Company	North Carolina Retail	North Carolina Residential	North Carolina Small General Service	North Carolina Medium General Service	North Carolina Large General Service	North Carolina Lighting
1	Test Period MWh Sales	Workpaper 9		60,559,875	37,241,666	16,261,952	1,895,276	10,425,247	8,339,752	319,438
2	Weather MWh Adjustment	Workpaper 9		719,290	442,818	389,695	36,179	152,223	(135,279)	0
3	Customer Growth MWh Adjustment	Workpaper 9		193,817	55,732	140,949	24,960	(108,685)	(2,374)	883
4	Total Normalized Test Period MWh Sales	Sum Lines 1-3		61,472,982	37,740,216	16,792,596	1,956,415	10,468,785	8,202,098	320,322
5	Test Period Fuel and Fuel-Related Revenue *		\$	1,295,094,453 \$	796,346,874					
6	Test Period Fuel and Fuel-Related Expense *		\$	1,706,863,161 \$	1,040,640,585					
7	Test Period Unadjusted (Over)/Under Recovery	Line 5 - Line 6	\$	411,768,708 \$	244,293,711					

# 2021 Summer Coincidental Peak

		(CP) KW
8	Total System Peak	12,438,953
9	NC Retail	7,737,369
10	NC Residential Peak	4,079,577
11	NC Small General Service	463,227
12	NC Medium General Service	1,974,406
13	NC Large General Service	1,220,159

#### Notes:

\* Total Company Fuel and Fuel-Related Revenue and Fuel and Fuel-Related Expense are quantifed based on NC Retail's known share of revenues and expenses grossed up to also include the percentage of sales not belonging to NC Retail.

Rounding differences may occur.

**Revised Harrington Workpaper 9** 

**DUKE ENERGY PROGRESS, LLC** North Carolina Annual Fuel and Fuel Related Expense **Normalized Sales** Billing Period December 1, 2022 - November 30, 2023 Docket No. E-2, Sub 1292

No Data II	Test Period Sales MWhs	Weather Normalization	Customer Growth	Remove impact of SC DERP Net Metered Generation	Normalized Test Period Sales MWhs
NC Retail Residential	16,261,952	389,695	140,949		16,792,596
Small General Service	1,895,276	36,179	24,960		1,956,415
Medium General Service	10,425,247	152,223	(108,685)		10,468,785
Large General Service	8,339,752	(135,279)	(2,374)		8,202,098
Lighting	319,438	0	883		320,322
NC Retail	37,241,666	442,818	55,732		37,740,216
SC Retail	5,940,149	64,104	(8,968)	33,949	6,029,234
Total Wholesale	17,378,061	212,368	147,053		17,737,481
Total Adjusted NC System Sales	60,559,875	719,290	193,817	33,949	61,506,931
NC as a percentage of total	61.50%				61.36%
SC as a percentage of total	9.81% 28.70%				9.80% 28.84%
Wholesale as a percentage of total	26.70%				20.04/0
SC Net Metering allocation adjustment	33,949				
Total Projected SC NEM MWhs  Marginal Fuel rate per MWh for SC NEM	\$ 22.44				
Fuel Benefit to be directly assigned to SC	\$ 761,935				
System Fuel Expense		Exh 2 Sch 2 Pg 1			
Fuel benefit to be directly assigned to SC Retail Total Adjusted System Fuel Expense	761,935 \$ 1,609,568,126	Exh 2 Sch 2 Pg 3			

**Revised Harrington Workpaper 9b** 

DUKE ENERGY PROGRESS, LLC
North Carolina Annual Fuel and Fuel Related Expense
Customer Growth Adjustment - MWh
Twelve Months Ended March 31, 2022
Docket No. E-2, Sub 1292

	Estimation		NC Proposed MWH	SC Proposed MWH	Wholesale Proposed MWH
Rate Schedule	<b>Method</b> <sup>1</sup>	Reference	Adjustment <sup>1</sup>	Adjustment <sup>1</sup>	Adjustment
Residential	Regression	RES	140,949	(2,989)	
General:					
General Service Small	Regression	SGS	24,960	(1,877)	
General Service Medium	Customer	MGS	(108,685)	(4,619)	*
Total General		·	(83,726)	(6,496)	
Lighting:					
Street Lighting	Regression	SLS/SLR	754	28	
Sports Field Lighting	Regression	SFLS	95	(9)	
Traffic Signal Service	Regression	TSS/TFS	35	499	*
Total Street Lighting			883	517	
Industrial:					
I - Textile	Customer	LGS	-	-	
I - Nontextile		LGS	(2,374)		
Total Industrial		•	(2,374)	-	
Total			55,732	(8,968)	147,053

#### Note:

<sup>&</sup>lt;sup>1</sup>Two approved methods are used for estimating the growth adjustment depending on the class/schedule:

<sup>&</sup>quot;Regression" refers to the use of Ordinary Least Squares Regression.

<sup>&</sup>quot;Customer" refers to the use of the Customer by Customer approach.

<sup>&</sup>lt;sup>2</sup>Using the regression method (Residential, Lighting, SGS classes) and a customer by customer method for MGS and Industrial

<sup>\*</sup> Revised to remove one customer from SC MGS Openings which was an IND nontextile. Removed IND since it was a spin-off from a Closing. Also revised SC TSS/TFS monthly kWh usage to point to the appropriate usage.

## Revised Harrington Workpaper 15

DUKE ENERGY PROGRESS, LLC
North Carolina Annual Fuel and Fuel Related Expense
Scenario Differences
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

#### **Exhibit 2 Schedule 1: Line Loss**

Line Losses & Company Use	Exh 2 Sch 1 Pg 1 Ln 16	(2,364,858)
Generation	Exh 2 Sch 1 Pg 1 Ln 10	59,115,406
	%	-4.000%
	Multiplier	1.040004

## **Schedule 2: Proposed Nuclear Capacity Factor & Normalized Sales**

Normalized Sales Projected Billing Period Sales Difference	Exh 4, Total Co., Ln 4 Exh 2 Sch 1 Pg 1 Ln 18	61,472,982 61,541,989 (69,007)
Gross up for losses	Difference x Multiplier	(71,768)
	MWh changes in Coal MWH changes in Losses	(71,768) 2,761

	 Before Adj	Adj	Total		
Total Coal MWh	9,087,592	(71,768)	9,015,824		
Total Losses MWh	 (2,364,858)	2,761	(2,362,097)		
	6,722,734	(69,007)	6,653,727		
	 Before Adj	After Adj	Adjustment		
Total Coal \$	\$ 351,295,882 \$	348,521,571 \$	(2,774,311)		

## Schedule 3: NERC 5 year average Capacity Factor & Projected Sales

		Nuclear-MWHs	Nuclear Costs	_
Nuclear	WP 1	29,601,651 \$	176,202,941	_
Nuclear - NERC Average	WP 2	29,426,308 \$	175,159,216	_
	Adjustment	(175,343) \$	(1,043,725)	-
		Coal-MWH	Coal Costs	_
Coal MWh	WP 3, WP4	9,087,592 \$	351,295,882	
Adjustment from Above	Adjustment above	175,343 \$	6,778,182	(Priced at the avg Coal \$/MWH)
	_	9,262,935 \$	358,074,064	_

**Revised Harrington Workpaper 16** 

DUKE ENERGY PROGRESS, LLC
North Carolina Annual Fuel and Fuel Related Expense
2.5% Calculation Test - Projected Sales
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

Line					EMF (Over)/Under		
No.	Description		Forecast \$		Collection \$		Total \$
1	Amount in current docket	\$	325,973,737	\$	73,732,404	\$	399,706,141
2	Amount in 2021 Filing: Docket E-2 Sub 1272	·	277,781,551	·	22,812,629		300,594,180
3	Reduction in prior year docket in excess of 2.5%		-				-
4	Increase/(Decrease)	\$	48,192,186	\$	50,919,775	\$	99,111,962
5	2.5% of 2021 NC revenue of \$3,522,552,951						88,063,824
6	Amount over 2.5%					\$	11,048,138
			System Cost		Alloc %	NC	Alloc. Forecast
WP 4	Purchases from Dispatchable Units	\$	88,434,734		62.74%	\$	55,483,952
WP 4	Purchases for REPS Compliance Energy		116,315,118		62.74%		72,976,105
WP 4	Purchases for REPS Compliance Capacity		23,896,105		61.54%		14,705,781
WP 4	Purchases from Qualifying Facilities Energy		224,803,592		62.74%		141,041,773
WP 4	Purchases from Qualifying Facilities Capacity		46,050,571		61.54%		28,339,750
WP 4	Allocated Economic Purchases		21,400,024	_	62.74%		13,426,375
	Total	\$	520,900,144			\$	325,973,737
			System Cost		Alloc %	NC	Alloc. Forecast
Prior Year	Dispatchable Purchased Energy	\$	46,946,023		62.22%	\$	29,209,815
Prior Year	Purchases for REPS Compliance Energy		114,179,542		62.22%		71,042,511
Prior Year	Purchases for REPS Compliance Capacity		23,408,207		60.86%		14,247,300
Prior Year	Purchases from Qualifying Facilities Energy		212,217,851		62.22%		132,041,947
Prior Year	Purchases from Qualifying Facilities Capacity		43,472,451		60.86%		26,459,312
Prior Year	Allocated Economic Purchases		7,683,487	_	62.22%		4,780,666
Prior Year	Total	\$	447,907,561			\$	277,781,551

DUKE ENERGY PROGRESS, LLC
North Carolina Annual Fuel and Fuel Related Expense
2.5% Calculation Test - Normalized Sales
Billing Period December 1, 2022 - November 30, 2023
Docket No. E-2, Sub 1292

**Revised Harrington Workpaper 17** 

					EMF					
Line		(Over)/Under								
No.	Description		Forecast \$		Collection \$		Total \$			
1	Amount in current docket	\$	319,747,373	\$	73,732,404	\$	393,479,777			
2	Amount in 2021 Filing: Docket E-2 Sub 1272		275,034,750		22,812,629		297,847,378			
3	Reduction in prior year docket in excess of 2.5%		-				-			
4	Increase/(Decrease)	\$	44,712,624	\$	50,919,775	\$	95,632,399			
5	2.5% of 2021 NC revenue of \$3,522,552,951						88,063,824			
6	Amount over 2.5%					\$	7,568,575			
			System Cost		Alloc %	NC	Alloc. Forecast			
WP 4	Purchases from Dispatchable Units	\$	88,434,734		61.36%	\$	54,262,924			
WP 4	Purchases for REPS Compliance		116,315,118		61.36%		71,370,129			
WP 4	Purchases for REPS Compliance Capacity		23,896,105		61.54%		14,705,781			
WP 4	Purchases from Qualifying Facilities Energy		224,803,592		61.36%		137,937,886			
WP 4	Purchases from Qualifying Facilities Capacity		46,050,571		61.54%		28,339,750			
WP 4	Allocated Economic Purchases		21,400,024		61.36%		13,130,903			
	Total	\$	520,900,144	_		\$	319,747,373			
			System Cost		Alloc %	NC	Alloc. Forecast			
Prior Year	Dispatchable Purchased Energy	\$	46,946,023		61.50%	\$	28,871,384			
Prior Year	Purchases for REPS Compliance Energy		114,179,542		61.50%		70,219,397			
Prior Year	Purchases for REPS Compliance Capacity		23,408,207		60.86%		14,247,300			
Prior Year	Purchases from Qualifying Facilities Energy		212,217,851		61.50%		130,512,081			
Prior Year	Purchases from Qualifying Facilities Capacity		43,472,451		60.86%		26,459,312			
Prior Year	Allocated Economic Purchases		7,683,487	_	61.50%		4,725,276			
Prior Year	Total	\$	447,907,561			\$	275,034,750			

**DUKE ENERGY PROGRESS, LLC** North Carolina Annual Fuel and Fuel Related Expense 2.5% Calculation Test-Detail Calculation Twelve Months Ended June 30, 2022 Docket No. E-2, Sub 1292

Billed Rate for Renewables

Capacity (REPS and QF)

Billed Rate for Capacity

Total MWH Sales

27 Total Billed Rate

25

0.312

66,306,741

61,484,301

0.108

0.715

2020 Harrington WP4

2020 Harrington WP3

To Line 12

Line No	<u>.                                    </u>	Reference	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	* Dec-21	** Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	12ME
1	Adjusted System kWh Sales, at generation		6,187,516,297	6,319,231,299	5,831,904,879	4,720,480,675	3,513,392,593	4,672,933,727	5,824,633,525	6,252,061,869	5,074,629,090	4,371,181,644	4,849,037,704	5,640,533,791	63,257,537,09
2	NC Retail kWh Sales, at generation		3,777,188,636	3,770,171,053	3,804,571,871	3,008,985,840	1,847,658,788	2,900,227,616	3,415,752,880	4,196,740,403	3,255,389,979	2,809,927,692	2,920,637,639	3,450,796,465	39,158,048,86
3	NC Retail % of Sales	Line 2 / Line 1	61.05%	59.66%	65.24%	63.74%	52.59%	62.06%	58.64%	67.13%	64.15%	64.28%	60.23%	61.18%	61.90
	Applicable Purchase Power, Excl. JDA														
4	System Purchase Power, Excl. JDA		\$ 42,679,929	\$ 47,310,113 \$	37,190,128 \$	36,451,856 \$	31,192,486	\$ 31,841,268	\$ 30,623,091	\$ 30,012,193 \$	31,211,498	\$ 33,067,492 \$	56,122,702	\$ 64,098,647	\$ 471,801,40
5	NC Purchase Power	Line 4 * Line 3	\$ 26,054,096	\$ 28,226,094 \$	24,261,801 \$	23,235,583 \$	16,403,823	\$ 19,762,087	\$ 17,958,368	\$ 20,145,895	20,022,271	\$ 21,256,783 \$	33,803,424	\$ 39,214,619	\$ 290,344,84
6	NC Retail kWh Sales, at delivery		3,640,178,832	3,632,757,561	3,666,084,042	2,900,680,335	1,777,446,003	2,791,497,250	3,292,881,233	4,045,880,376	3,137,475,127	2,706,028,846	2,812,711,682	3,321,951,233	37,725,572,52
7	NC Incurred Rate	Line 5 / Line 6 * 100	0.716	0.777	0.662	0.801	0.923	0.708	0.545	0.498	0.638	0.786	1.202	1.180	0.77
	Capacity														
8	System Capacity	60.865% thru Mar22,	\$ 16,306,802	\$ 10,600,439 \$	11,315,723 \$	8,504,904 \$	(431,230)	\$ 4,366,691	\$ 3,321,058	\$ 4,777,238 \$	4,978,082	\$ 5,603,513 \$	8,493,583	\$ 11,856,360	\$ 89,693,16
9	NC Capacity (@ Production Plant %)	then 61.541%	\$ 9,925,062	\$ 6,451,910 \$	6,887,264 \$	5,176,472 \$	(262,466)	\$ 2,657,767	\$ 2,021,347	\$ 2,907,644	3,029,887	\$ 3,448,430 \$	5,226,993	\$ 7,296,463	\$ 54,766,77
10	NC Incurred Rate	Line 9/Line 6*100	0.273	0.178	0.188	0.178	(0.015)	0.095	0.061	0.072	0.097	0.127	0.186	0.220	0.14
11	Total NC Incurred Rate	Line 7 + Line 10	0.988	0.955	0.850	0.979	0.908	0.803	0.607	0.570	0.735	0.913	1.388	1.400	0.91
12	Billed Rate	Billed Rates Below	0.715	0.715	0.715	0.715	0.715	0.719	0.723	0.723	0.723	0.723	0.723	0.723	
13	(Over)/Under cents per kwh	Line 131- Line 12	0.273	0.239	0.135	0.264	0.193	0.085	(0.116)	(0.153)	0.012	0.190	0.665	0.677	
14	(Over)/Under \$	Line 6 * Line 13 /100	\$ 9,946,435	\$ 8,698,354 \$	4,931,081 \$	7,667,851 \$	3,429,960	\$ 2,360,305	\$ (3,823,113)	\$ (6,192,372) \$	372,713	\$ 5,144,506 \$	18,698,546	\$ 22,498,139	\$ 73,732,40
	Billed Rate from Docket E-2, Sub 1250 - Jul'	21-Nov'21		* D	ecember billed rate	is based on prorated	l billing factors			Billed Rate	from Docket E-2, S	ub 1272 - Feb'22-Jun	n'22		
	Purchases from Dispatchable Units &				p	rior Bill Rate (Sub N	lew Rill Rate (Sub	December		Purchases from Dispatchable Units &					
15	Economic Purchases	49,904,833	2020 Harrington WP4		'	1250)	1272)	Blended Rate		Economic Purchases	54,629,510 2	021 Revised Harringt	ton WP4		
16	Total MWH Sales	61,484,301	2020 Harrington WP3	Anı	oroved Rates	0.715	0.723	Dictiaca Nate		Total MWH Sales		021 Revised Harring			
	Total MWW Sales			• •	ios of Days to	0.7 13	0.723			Billed Rate for	21,300,310	.021 11011000 110111118			
17	Billed Rate for Purchases	0.081		rate	•	55.30%	44.70%			Purchases	0.088				
					rated Rate	0.395	0.323	0.719	To Line 12						
18	Renewables (energy)	131,543,318	2020 Harrington WP4			0.000	0.020	5.7 = 5		Renewables (energy)	114,179,542 2	021 Revised Harringt	ton WP4		
19	Total MWH Sales	61,484,301	2020 Harrington WP3							Total MWH Sales		021 Revised Harring			
										Billed Rate for		0			
20	Billed Rate for Renewables	0.214								Renewables	0.184				
				**	January billed rate is	based on prorated l	billing factors								
21	QF Purchases (energy)	191,949,817	2020 Harrington WP4						(	QF Purchases (energy)	212,217,851 2	.021 Revised Harring	ton WP4		
22	Total MWH Sales	61,484,301	2020 Harrington WP3						T	Total MWH Sales	61,963,546	021 Revised Harringt	ton WP3		
					Р	rior Bill Rate (Sub N	lew Bill Rate (Sub	January	E	Billed Rate for					
22	DIII 1 D . C D					4050)	4070)		_		0.040				

1250)

0.715

0.0%

(0.000)

Approved Rates

Ratios of Days to

**Prorated Rate** 

1272)

0.723

100.0%

0.723

Blended Rate

0.723

To Line 12

0.342

66,880,658

0.108

0.723

2021 Revised Harrington WP4

61,963,546 2021 Revised Harrington WP3

To Line 12

Renewables

(REPS and QF)

Total MWH Sales

Total Billed Rate

Billed Rate for Capacity

Capacity

# STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1292

#### BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of		
Application of Duke Energy Progress,	)	
LLC, Pursuant to N.C.G.S. § 62-133.2 and	)	
Commission Rule R8-55 Regarding Fuel	)	ADDITIONAL PUBLIC NOTICE
and Fuel-Related Cost Adjustments	)	
for Electric Utilities	)	

NOTICE IS HEREBY GIVEN that the North Carolina Utilities Commission has scheduled a public hearing on an annual fuel and fuel-related charge adjustment proceeding for Duke Energy Progress, LLC (DEP). The public hearing has been scheduled to begin Wednesday, September 14, 2022, at 10:00 a.m., in Commission Hearing Room 2115, Dobbs Building, 430 North Salisbury Street, Raleigh, North Carolina. The proceeding is being held pursuant to the provisions of N.C.G.S. § 62-133.2 and Commission Rule R8-55 for the purpose of determining whether an increment or decrement rider is required in order to reflect changes in the cost of fuel and fuel-related costs over or under the base fuel rate established for DEP in its last general rate case. Public witness testimony will be received in accordance with Commission Rule R1-21(g).

DEP filed an application and testimony relative to the subject matter of the proceeding on June 14, 2022. The proposed change in rates is related to fuel and fuel-related costs. The proposed updates in that filing would result in an increase of the present fuel and fuel-related rates of all customer classes, with the amount of the increase varying for different customer classes. The increase in the monthly bill of a typical residential customer using 1,000 kilowatt hours per month would be \$9.74, excluding the regulatory fee.

On July 8, 2022, the Commission issued an Order Scheduling Hearing, Requiring Filing of Testimony, Establishing Discovery Guidelines and Requiring Public Notice (Scheduling Order). The Scheduling Order, among other things, required DEP to publish a Public Notice of the hearing date, time, and place, and of the proposed changes in Fuel rider rates.

Through supplemental testimony and exhibits filed on August 12, 2022, after the Public Notice of the original proposed Fuel rider rates had been published by DEP pursuant to the Commission's Scheduling Order, DEP revised its proposed fuel rates. The revisions, if approved by the Commission, would result in the present fuel and fuel-related rates, excluding regulatory fee, to increase by 1.0860

cents/kWh for residential customers, 1.2490 cents/kWh for small general service customers, 0.7620 cents/kWh for medium general service customers, 0.5090 cents/kWh for large general service customers, and 2.1920 for lighting customers. Proposed changes in all customers' Fuel rider rates would be effective for service rendered on and after December 1, 2022.

Further information a is available to the public by reviewing DEP's applications and supplemental filings on the Commission's website at www.ncuc.net.

The Public Staff is authorized by statute to represent consumers in proceedings before the Commission. Correspondence concerning the fuel adjustment proceeding and the hearing scheduled thereon should be directed to the Public Staff. Written statements to the Public Staff should include any information which the writers wish to be considered by the Public Staff in its investigation of the matter. Such statements should be addressed to Christopher J. Ayers, Executive Director, Public Staff, 4326 Mail Service Center, Raleigh, North Carolina 27699-4300.

The Attorney General is also authorized by statute to represent consumers in proceedings before the Commission. Statements to the Attorney General should be addressed to The Honorable Josh Stein, Attorney General, c/o Consumer Protection - Utilities, 9001 Mail Service Center, Raleigh, North Carolina 27699-9001. Written statements may be emailed to utilityAGO@ncdoj.gov.

Written statements are not evidence unless the writers appear at a public hearing and testify concerning the information contained in their written statements.

ISSUED BY ORDER OF THE COMMISSION.

This the th day of , 2022.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk