### STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1322

### BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of	)	REBUTTAL TESTIMONY
Application of Duke Energy Progress, LLC for Approval of Demand-Side Management and Energy Efficiency Cost Recovery Rider Pursuant to N.C. Gen. Stat. § 62-133.9 and Commission Rule R8-69	) ) ) )	OF CAROLYN T. MILLER FOR DUKE ENERGY PROGRESS, LLC

1		I. <u>INTRODUCTION AND PURPOSE</u>
2	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
3	A.	My name is Carolyn T. Miller, and my business address is 525 South Tryon
4		Street, Charlotte, North Carolina, 28202.
5	Q.	DID YOU PREVIOUSLY FILE TESTIMONY IN THIS MATTER?
6	A.	Yes. I filed direct testimony on behalf of Duke Energy Progress, LLC
7		("DEP" or the "Company") in this matter on June 13, 2023, and filed
8		supplemental direct testimony on August 24, 2023, with a corrected
9		testimony filed on August 28, 2023.
10	Q.	WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?
11	A.	The purpose of my rebuttal testimony is to update Miller Exhibits 1, 2, and
12		3 filed with my supplemental direct testimony in this matter to reflect the
13		adjustment described in the rebuttal testimony of Company Witness Casey
14		Q. Fields.
15	Q.	WERE THESE EXHIBITS PREPARED BY YOU OR AT YOUR
16		DIRECTION?
17	A.	Yes.
18		II. <u>REBUTTAL</u>
19	Q.	WHAT IS THE IMPACT OF THE ADJUSTMENT DESCRIBED IN
20		WITNESS FIELDS REBUTTAL TESTIMONY ON THE PROPOSED
21		DEMAND-SIDE MANAGEMENT ("DSM") AND ENERGY
22		EFFICIENCY ("EE") EXPERIENCE MODIFICATION FACTOR
23		("EMF") REVENUE REQUIREMENTS?

- 1 A. The table below reflects the impact of the adjustment on the DSM/EE EMF
- 2 revenue requirements proposed in my supplemental direct testimony.

	Rebuttal	Supplemental	Difference
Residential	\$(8,130,707)	\$(8,134,155)	\$3,448
Non-Residential EE	\$(15,909,290)	\$(15,888,820)	\$(20,470)
Non-Residential DSM	\$(766,552)	\$(790,236)	\$23,684
Lighting	\$(77,976)	\$(77,976)	\$0

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- 4 Q. WHAT IS THE IMPACT OF THE ADJUSTMENT ON THE
- 5 PROPOSED DSM AND EE BILLING FACTORS?
- 6 A. The adjustment was not significant enough to change the billing factors
- 7 proposed in my supplemental direct testimony as shown in the table below.

	Rebuttal ¢/kWh	Supplemental ¢/kWh	Difference
Residential	0.629	0.629	0.000
Non-Residential EE	0.345	0.345	0.000
Non-Residential DSM	0.042	0.042	0.000
Lighting	0.000	0.000	0.000

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- 9 Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?
- 10 A. Yes.

Miller Exhibit 1

### Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Summary of 2024 DSM/EE Rates

Residential Rate	Source:	cents/kWh Rate	Reg Fee	Rebuttal Billing Rate
EMF Rate - DSM EMF Rate - EE Projected Rate - DSM Projected Rate - EE	Miller Exhibit 2, page 5 Miller Exhibit 2, page 4 Miller Exhibit 2, page 2 Miller Exhibit 2, page 1	0.000 -0.047 0.146 0.529	0.000 0.000 0.000 0.001	0.000 -0.047 0.146 0.530
Total Residential Rate		0.628		0.629
General Service				
EMF Rate - EE Projected Rate - EE	Miller Exhibit 2, page 4 Miller Exhibit 2, page 1	-0.182 0.526	0.000 0.001	-0.182 0.527
Total General Service EE Rate		0.344		0.345
EMF Rate - DSM Projected Rate - DSM	Miller Exhibit 2, page 5 Miller Exhibit 2, page 2	-0.009 0.051	0.000 0.000	-0.009 0.051
Total General Service DSM Rate		0.042		0.042
Lighting EE Rate				
EMF Rate - EE Projected Rate - EE	Miller Exhibit 2, page 4 Miller Exhibit 2, page 1	-0.021 0.021	0.000 0.000	-0.021 0.021
Total Lighting EE Rate		0.000		0.000

Miller Exhibit 2 page 1 of 7

Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Energy Efficiency Rate Derivation

								EE	Rev	enue Require	eme	nts			
NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup>	Rate Class Energy Allocation Factor <sup>(2)</sup>	Resider Program			ograms	D	SDR <sup>(5)</sup>	Alle	Non-DSDR ocated A&G nd Carrying Costs <sup>(6)</sup>	H H	DSDR Allocated A&G and Carrying Costs <sup>(7)</sup>	Tota	al of Allocated Costs	Total EE Rate
	(1)	(2)	(3)		(4	4)		(5)		(6)		(7)	(8)	= Σ (3 thru 7)	(9) = (8) / (1)
Residential	17,128,995,467	65.29%	\$ 78,72	7,362	\$	-	\$ 2	2,983,236	\$	8,243,992	\$	674,801	\$	90,629,391	0.529
General Service	8,734,624,909	33.29%	\$	-	\$ 39,8	67,495	\$ 1	,521,248	\$	4,243,631	\$	344,103	\$	45,976,477	0.526
Lighting	371,886,089	1.42%	\$	-	\$		\$	64,769	\$		\$	14,651	\$	79,419	0.021
NC Retail	26,235,506,465	100%	\$ 78,72	7,362	\$ 39,8	67,495	\$ 4	,569,253	\$	12,487,623	\$	1,033,555	\$	136,685,288	

### **NOTES:**

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Miller Exhibit 6.
- (2) Rate Class Energy Allocation Factor is derived in Miller Exhibit 5, page 6, column (4).
- (3) Residential Program costs are allocated solely to the Residential Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (4) Non-Residential Program costs are allocated solely to the General Service Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (5) DSDR Costs are allocated using the Rate Class Energy Allocation Factor from column (2) in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives and net lost revenues).
- (7) DSDR A&G Costs and Carrying Costs are allocated using the Rate Class Energy Allocation Factor from column (2).

# Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Demand-Side Management Rate Derivation

						DSM	l Revenue Re	quire	ements			
NC Rate Class	Adjusted NC Rate Class kWh Sales	Rate Class Demand Allocation Factor <sup>(2)</sup>	Е	Residential EnergyWise	Non- sidential DR rograms <sup>(4)</sup>	Allo	ocated A&G Costs <sup>(5)</sup>		Allocated Carrying Costs <sup>(5)</sup>		Total of Allocated Costs	Total DSM Rate
	(1)	(2)		(3)	(4)		(5)		(6)	(7)	$= \Sigma (3 \text{ thru } 6)$	(8) = (7) / (1)
Residential	17,128,995,467	74.57%	\$	21,058,083	\$ -	\$	1,128,235	\$	2,817,721	\$	25,004,038	0.146
General Service	8,660,219,034	25.43%	\$	-	\$ 3,646,210	\$	211,537	\$	528,306	\$	4,386,053	0.051
Lighting	371,703,126	0.00%	\$		\$ 	\$		\$	-	\$		-
NC Retail	26,160,917,627	100.00%	\$	21,058,083	\$ 3,646,210	\$	1,339,772	\$	3,346,027	\$	29,390,091	

#### **NOTES:**

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Miller Exhibit 6.
- (2) Rate Class Demand Allocation Factor is derived in Miller Exhibit 5, page 7, column (5).
- (3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (4) CIG DR Program and Energy Wise for Business costs are directly assigned solely to the General Service Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives and net lost revenues).

Miller Exhibit 2 page 3 of 7

Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Rate Period Revenue Requirement Summary - NC Retail January 2024 - December 2024

	Г										NO	ORTH CAROLIN	A JURISDICTI	ONALLY ALLO	CATED RETAIL	L COSTS ONL	.Y										
							OSM Voor 10	OSM Voor 9	O&M Year 8	OSM Voor 7	ORM Voor 6								Income				Income				
					Amortization				Amortization			O&M Year 5	O&M Year 4	O&M Year 3	O&M Year 2	O&M Year 1		DSDR	Taxes on	DSDR		Carrying	Taxes on	Rev Reamt	Net Lost		Rev Reqmt
			A&G	Capitalized	of Capitalized		(Batch 8	(Batch 9	(Batch 10	(Batch 11		Amortization					<b>Prior Period</b>		DSDR Capita		DSDR	Costs Net of		Before PPI &	Revenue		With
		O&M In	surance Expense	O&M and A&G	O&M	A&G	1073)	1108)	partial 1108)	1145)	1174)	(Batch 13)	(Batch 14)	(Batch 15)	(Batch 16)	(Batch 17)	Amortization	Costs	Costs	Taxes	Depreciation	n Taxes	Cost	NLR	Recoupment	PPI/PRI	PPI & NLR
	-	(1)	(2) (3)	(4)	(5)	(6)												(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
				$\Sigma Cols(1)thru(3)$	((1)+(2))/3 or 1	(3)/3																		$\Sigma Cols(5) thru(15)$		2	ΣCols(16)thru(18)
NC DSM Program Expenses	5 5 4	0.474.004		0.474.004	704074		440.057	45.075							504.000	700 000	4 400 000							0.005.040		440.000	0.047.004
1 CIG DR	Per Forecast	2,174,921	-	2,174,921	724,974	-	118,957	45,275	-	4 000 005	4 000 700	-	-	4 000 000	594,098	722,006								2,205,310		442,083	, - ,
<ul><li>2 EnergyWise</li><li>3 EnergyWise for Business</li></ul>	Per Forecast Per Forecast	13,292,110 1,125,509	-	13,292,110 1,125,509		-	500,364	493,102	1,112,168	1,080,935	1,208,763	1,248,650	1,162,591	1,008,060	1,217,794 318,731	3,720,300 322,577								17,183,430 1,016,478	10,653	3,874,653 (28,315)	
4 Total DSM	Σ Lines 1 thru 2	16,592,540		16,592,540		<u> </u>	619,320	538,377	1,112,168	1,080,935	1,208,763	1,248,650	1,162,591	1,008,060	2,130,623	4,764,883		_	_	_	_			20,405,218	10,653	4,288,421	
5 DSM Assigned A&G and CCost	Per Forecast	10,532,540	1,250,31			416,771	-	-	1,112,100	1,000,933	1,200,703	1,240,000	1,102,331	1,000,000	545,658	377,342	, ,	_	-	_	<u>-</u>	2,750,050	595,976		10,033	4,200,421	4,685,798
6 Total DSM and Assigned Costs	Σ Lines 4 thru 5	16,592,540	1,250,31	, ,		416,771	619,320	538,377	1,112,168	1,080,935	1,208,763	1,248,650	1,162,591	1,008,060	2,676,282		15,797,372					2,750,050		, ,	10,653	4,288,421	, ,
· ·				, ,		,	•			, ,	, ,	, ,				, ,							,	, ,	•	, ,	, ,
NC EE Program Expenses		_																			`	_					
7 Res Home Advantage	Per Forecast	-		-	-	-			-	-	-	-	-			-	-							-	-	-	-
8 Residential Smart \$aver/Home Energy Improvement Pla		3,139,755		3,139,755		-	246,147	203,314	486,359	569,029	586,112	516,037	524,993	529,282	243,259	1,082,087								6,033,204	1,266,131	38,776	7,338,111
<ul> <li>9 NES Amort/Weatherization Pilot/ Income Qualified</li> <li>10 Solar Hot Water Pilot</li> </ul>	Per Forecast Per Forecast	2,397,112		2,397,112		-	83,599	56,354	166,013	145,585	150,059	135,566	32,165	47,191	206,652	906,099	1,929,282							2,728,319	535,895	308,102	3,572,316
11 EE Lighting (Res)*	Per Forecast (allocated)	- 29,437		29,437	- 9,812	-	_	_	-	-	-	-	977,552	931,389	989,152	1,403,085	4,301,178							4,310,990	3,207,258	- 1,104,377	8,622,625
12 Res Appliance Recycling	Per Forecast	23,437		23,437	-	_	69,652	47,375	(11,082)	457	-	_	977,552	951,569	303,132	1,403,003	106,402							106,402	3,207,230	7,425	113,827
13 My Home Energy Report*	Per Forecast	3,770,205		3,770,205	3,770,205	_	00,002	.,,,,,,	(11,002)	-	_	_	_				-							3,770,205	12,643,731	693,440	17,107,376
14 Residential New Construction	Per Forecast	13,783,441		13,783,441	4,594,480	-	392,915	274,358	760,750	953,973	1,072,325	1,224,188	1,512,575	1,438,492	1,627,113	5,442,241	14,698,930							19,293,410	4,463,285	1,593,644	25,350,339
15 Multi-Family	Per Forecast	983,505		983,505	327,835	-	-	-	· -	-	-	-	143,331	59,396	90,172	553,147	846,046							1,173,881	1,211,969	273,947	2,659,797
16 Energy Education Program for Schools	Per Forecast	862,795		862,795	287,598	-	-	-	-	-	-	-	62,291	62,613	57,813	266,383	449,100							736,698	568,618	102,412	1,407,728
17 Save Energy and Water Kit/Appliances & Devices	Per Forecast	1,907,598		1,907,598	635,866	-			-	-	-	-	355,179	133,902	392,377	1,104,789								2,622,113	3,051,173	931,730	
18 Residential Energy Assessments	Per Forecast	4,320,871		4,320,871	1,440,290	-			-	-	-	-	354,820	329,340	276,540	1,069,448	2,030,148							3,470,438	2,107,306	421,266	
19 Residential Found Revenue	Per Forecast																					_		-	(48,780)		(48,780)
20 Subtotal-Residential	Σ Lines 7 thru 19	31,194,720	-	31,194,720	12,911,708	-	792,313	581,401	1,402,040	1,669,044	1,808,496	1,875,791	3,962,906	3,531,605	3,883,077	11,827,279	31,333,952						-	44,245,660	29,006,585	5,475,117	78,727,362
21 CIG Energy Efficiency	Per Forecast					_	314,262	274,217	_	_	_	_	_	_	_	_	588,479							588,479			588,479
22 EE Lighting (General Service)*	Per Forecast (allocated)	3,567		3,567	1,189	_	-		_	_	_		118,455	112,861	119,860	170,019								522,384	400,906	389,593	1,312,883
23 Energy Efficiency for Business	Per Forecast	-		-	-				-	-		-	-	-	-	-	-							-	,,,,,,,	,	-
24 Smart Saver Prescriptive	Per Forecast	12,743,135		12,743,135	4,247,713						-	-			2,562,102	4,071,964	6,634,066							10,881,779	6,112,065	2,217,611	19,211,456
25 Smart Saver Custom	Per Forecast	4,297,238		4,297,238	1,432,413						-	-			727,694	1,400,508								3,560,615	2,301,225	822,724	6,684,564
26 Smart Saver Performance Incentive	Per Forecast	191,001		191,001								-			44,669	132,915								241,251	312,586	111,505	665,341
27 Small Business Energy Saver	Per Forecast	7,136,554		7,136,554	2,378,851	-	467,186	546,667	-	-	-	-			1,332,028	2,256,410	4,602,291							6,981,142	3,459,788	1,088,827	11,529,757
28 Business Energy Report	Per Forecast			-	-	-	-	-	-	-	-	-	-	-	-	-	-							-	(404.005)		- (404.005)
29 General Service Found Revenue	Per Forecast _																					_		-	(124,985)		(124,985)
Subtotal-General Service	Σ Lines 21 thru 29	24,371,494		24,371,494	8,123,833	-	781,447	820,884	-	-	-	-	118,455	112,861	4,786,354	8,031,816	14,651,817			-	-		-	22,775,650	12,461,585	4,630,260	39,867,495
					04 222											10.000										40.40= ===	440
30 Total of EE Programs	$\Sigma$ Lines 20 + 29	55,566,214	4,230,23	55,566,214 7 4,230,237		-	1,573,760	1,402,285	1,402,040	1,669,044	1,808,496	1,875,791	4,081,361	3,644,466			45,985,769					6.689.301	- 1.449.669	67,021,310 12,487,623	41,468,170	10,105,377	118,594,858
31 EE Assigned A&G and CCost	Per Forecast	55,566,214		, ,		1,410,079	1 572 760	1 402 205	1 402 040	1,669,044	1.808.496	1.875.791	4.081.361	3,644,466	1,477,648		2,938,573					-,,	, -,	, - ,	41 469 170	10 105 277	12,487,623 131,082,480
32 Total EE and Assigned Costs	Lines 30 + 31	55,500,214	4,230,23	7 59,796,452	21,035,541	1,410,079	1,573,760	1,402,285	1,402,040	1,009,044	1,000,490	1,075,791	4,001,301	3,044,400	10,147,079	21,320,020	48,924,342					6,689,301	1,449,008	19,508,933	41,468,170	10,105,377	131,002,480
NC DSDR Program Expenses																											
33 DSDR Program	Per Forecast				-	-	350,431	194,703	535,468	471,130	436,364	488,158	488,637	474,087	367,947	762,329	4,569,253	-	-					4,569,253	-	-	4,569,253
34 DSDR Assigned A&G and CCost	Per Forecast			-		-											-					849,463	,	, ,			1,033,555
35 Total DSDR and Assigned Costs	Σ Lines 33 thru 34	-		-	-	-	350,431	194,703	535,468	471,130	436,364	488,158	488,637	474,087	367,947	762,329	4,569,253	-	-	-	-	849,463	184,091	5,602,808	-	-	5,602,808
36 Rate Period Totals	Lines 6 + 32 + 35	72,158,754	- 5,480,55	0 77,639,304	26,566,388	1,826,850	2,543,511	2,135,365	3,049,676	3,221,109	3,453,623	3,612,599	5,732,589	5,126,613	13,191,308	27,224,575	69,290,967					10,288,815	2,229,737	110,202,757	41,478,824	14,393,799	166,075,379
	=																										

\*All Non-Residential programs are amortized over a 3 year period. The Residential Lighting Program, Multi-Family EE, EE Education, Save Energy and Water Kit and Residential Energy Assessments are recoverable over a 3 year period. My Home Energy Report is recoverable over a 1 year period. All other Residential EE programs are recoverable over 3 years.

### Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Energy Efficiency Experience Modification Factor Rate Derivation

						EE EMF Rev	venue Requirem	nent			<u></u>
NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup>	Rate Class Energy Allocation Factor <sup>(2)</sup>	Residential Programs <sup>(3)</sup>	CIG Programs <sup>(4)</sup>	DSDR <sup>(5)</sup>	Non-DSDR Allocated A&G and Carrying Costs <sup>(6)</sup>	DSDR Allocated A&G and Carrying Costs <sup>(5)</sup>	Total of Allocated Costs	Less: Prior Period EE Rate Adjustment <sup>(7)</sup>	Adjusted EE EMF Revenue Requirement	Total EE EMF Rate (cents/kW h)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	$(8) = \Sigma (3 \text{ thru } 7)$	(9)	(10)=(8)-(9)	(11) = (10) / (1)
Residential	17,128,995,467	65.29%	\$60,646,588	\$ -	\$ 13,419,954	\$ 7,773,717	\$ 918,219	\$ 82,758,477	\$ 90,879,637	\$ (8,121,160)	(0.047)
General Service	8,734,624,909	33.29%	\$ -	\$33,780,457	\$ 6,843,265	\$ 4,698,475	\$ 468,229	\$ 45,790,427	\$ 61,699,717	\$ (15,909,290)	(0.182)
Lighting	371,886,089	1.42%	\$ -	\$ -	\$ 291,359	\$ -	\$ 19,935	\$ 311,295	\$ 389,271	\$ (77,976)	(0.021)
NC Retail	26,235,506,465	100.00%	\$60,646,588	\$33,780,457	\$ 20,554,578	\$12,472,192	\$ 1,406,383	\$ 128,860,198	\$ 152,968,624	\$ (24,108,426)	

### **NOTES:**

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Miller Exhibit 6.
- (2) Rate Class Energy Allocation Factor is derived in Miller Exhibit 5, page 6, column (4).
- (3) Residential Program costs are allocated solely to the Residential rates in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (4) Non-residential Program costs are allocated solely to the General Service rates in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (5) DSDR Costs are allocated using the Rate Class Energy Allocation Factor from column (2) in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives and net lost revenues) assigned in preceding columns.
- (7) Amounts are derived in Miller Exhibit 2, page 7.

Miller Exhibit 2 page 5 of 7

# Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Demand-Side Management Experience Modification Factor Rate Derivation

DSM EMF Revenue Requirement

NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup> (1)	Rate Class Demand Allocation Factor <sup>(2)</sup> (2)	Allocated DSDR Program Costs (3) (3)	Residential EnergyWise Program Costs <sup>(3)</sup> (3)	Non - Residential DR Program (4)	Allocated A&G Costs <sup>(5)</sup> (5)	Allocated Carrying Costs <sup>(5)</sup> (6)	Total of Allocated Costs (7) = Σ (3 thru 6	Less: Prior Period DSM Rate Adjustment <sup>(6)</sup>	Adjusted DSM EMF Revenue Requiremen t (9)=(7)-(8)	Total DSM EMF Rate (cents/kWh ) (10) = (9) / (1)
Residential	17,128,995,467	74.57%	\$ -	\$ 14,885,935	\$ -	\$ 1,079,911	\$ 2,757,231	\$ 18,723,077	\$18,732,624	\$ (9,547)	-
General Service	8,660,219,034	25.43%	\$ -	\$ -	\$ 3,802,130	\$ 336,509	\$ 859,174	\$ 4,997,813	\$ 5,764,365	\$ (766,552)	(0.009)
Lighting	371,703,126	0.00%	\$ -	\$ -	\$ -	_ \$ -	\$ -	_ \$ -	\$ -	\$ -	-
NC Retail	26,160,917,627	100%	\$ -	\$ 14,885,935	\$ 3,802,130	\$ 1,416,420	\$ 3,616,405	\$ 23,720,890	\$24,496,990	\$ (776,100)	

### **NOTES:**

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Miller Exhibit 6.
- (2) Rate Class Demand Allocation Factor is derived in Miller Exhibit 5, page 7, column (5).
- (3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (4) CIG DR and Energy Wise for Business costs are directly assigned solely to the General Service Rate Class in compliance with the Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives and net lost revenues) assigned in preceding columns.
- (6) Amounts are derived in Miller Exhibit 2, page 7.

Miller Exhibit 2 page 6 of 7

### Duke Energy Progress, LLC Docket No. E-2, Sub 1322 EMF Period Revenue Requirement Summary - NC Retail January 2022 - December 2022

											001477			0014 / 227 4	001472	00000	00147											
								09 M Veer 10	OS MA Veer O		O&M Year 7	OR MAYOUR C	O P NA Voor F		O&M Year 3		O&M Year 1			Incomo Toyon				maama Tayaa	Day Daynet			
				486	C:t-l:d O0 84	Atimation of		O&M Year 10		O&M Year 8			O&IVI Year 5	Amortization	Amortization	Amortization	Amortization	Duine Douind		Income Taxes	DCDD Dunantu	DCDB		ncome Taxes				David Nation
		0&M	Incurance			Amortization of A		Amortization		,	Batch 9 partial	Amortization	(Patch 11)	(Batch 12	(Batch 13	(Batch	(Batch	Prior Period			DSDR Property	DSDR	, 3	on Carrying	Before PPI &   NLR		PPI/PRI	Rev Reqmt With
		(1)	Insurance (2)	Expense (3)	and A&G (4)	Capitalized O&M C	(6)	(Battii 6 1044)	(Batch / 10/3)	(Battii 6 1103)	1108)	(Batch10 1145)	(Batch 11)	/	/	14/	15)	Amortization (7)	Costs (8)	Capital Costs	(10)	Depreciation (11)	Net of Taxes (12)	(13)	(14)	Recoupment (15)	(16)	PPI & NLR (17)
		(1)	(2)	(3)	ΣCols(1)thru(3)	((1)+(2))/10	(3)/3											(7)	(0)	(3)	(10)	(11)	(12)	(13)	ΣCols(5)thru(13)	(13)		ΣCols(14)thru(16)
NC DSM Program Expenses					20013(1)1111111(0)	((1) (2)) 10	(0)/0																		20010(0)(11114(10)			20010(14)(11114(10)
1 CIG DR	Per Books	1,782,294			1,782,294	594,098	_	54,074	126,044	203,926	45,275	_	_	_	-	500,652	647,864	1,577,836						_	2,171,934		336,648	2,508,582
2 EnergyWise	Per Books	12,177,943			12,177,943	1,217,794	_	418,857	898,794	857.766	493,103	1,112,168	1.080.935	1.208.763	1,248,650	1,162,591	1,008,060	9,489,686						_	10,707,481		4,154,526	14,862,007
3 EnergyWise for Business		956,193			956,193	318,731		-	-	-	-	-	-	-	-	488,409	357,459	845,868							1,164,599	35,015	(80,286)	1,119,328
4 Res PPI Cost Cap Adj		353,255			333,233	0-0,10-										100,100	551,155	2.3,222							_, ,,,,,,,	55,525	23,928	23,928
5 NR PPI Cap Adjustment																											174.220	174,220
6 Total DSM	Σ Lines 1 thru 2	14,916,431	-	-	14,916,431	2,130,623	-	472,931	1,024,838	1,061,692	538,378	1,112,168	1,080,935	1,208,763	1,248,650	2,151,652	2,013,383	11,913,390						-	14,044,014	35,015	4,609,036	18,688,065
7 DSM Assigned A&G and CCost	Per Books	-		1.636.975	1,636,975	_,,	545,658	-	-	-,,	-	-	-	-,,	-,- :-,	396.643	474,118	870,761					2,972,271	644,135	5,032,825	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5,032,825
8 Total DSM and Assigned Costs	Σ Lines 6 thru 7	14,916,431		1,636,975	16,553,406	2,130,623	545,658	472,931	1,024,838	1,061,692	538,378	1,112,168	1,080,935	1,208,763	1,248,650	2,548,295	2,487,501	12,784,151					2,972,271	644,135	19,076,838	35,015	4,609,036	23,720,890
_		, , , , ,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	,,,,,,	,	, , , , , , , , , , , , , , , , , , , ,	, ,	,	, , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	, - ,	, . , .					, ,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	, ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NC EE Program Expenses		_																				`						
9 Residential Home Advantage	Per Books	-			-	-	-	17,615	311	-	-	-	-	-	-	-	-	17,926					-	-	17,926	-	517	18,443
10 Residential Smart Saver/Home Energy	•	2,432,593			2,432,593	243,259		272,539	441,363	421,966	203,314	486,359	569,027	586,112	516,037	524,993	529,282	4,550,991					-	-	4,794,250	1,180,542	(31,567)	5,943,225
11 Neighborhood Energy Saver/Weatheri	zatio <i>Per Books</i>	2,066,519			2,066,519	206,652		93,539	171,428	143,312	56,354	166,013	145,585	150,059	135,566	32,165	47,191	1,141,212						-	1,347,864	171,238	108,167	1,627,269
12 Solar Hot Water Pilot	Per Books				-	-		-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-
13 EE Lighting (Res)*	Per Books (allocated)	4,945,758			4,945,758	989,152		-	-	-	-	-	-	1,423,485	2,077,478	977,529	931,389	5,409,881						-	6,399,033	3,485,742	2,901,820	12,786,595
14 Appliance Recycling	Per Books				-	-		68,508	97,619	119,404	47,375	(11,082)	457	-	-	-	-	322,281						-	322,281		31,968	354,249
15 My Home Energy Report	Per Books	2,849,317			2,849,317	2,849,317		-	-	-	-	-	-	-	-	-	-	-						-	2,849,317	12,096,265	551,453	15,497,035
16 Residential New Construction	Per Books	16,271,129			16,271,129	1,627,113		46,105	373,130	673,568	274,358	760,750	953,973	1,072,325	1,224,188	1,512,575	1,438,492	8,329,464						-	9,956,577	3,655,909	774,743	14,387,229
17 Home Depot CFL	Per Books				-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-
18 Energy Education Program for Schools		289,065			289,065	57,813		-	-	-	-	-	-	110,058	121,930	62,291	62,613	356,892							414,705	263,079	20,577	698,361
19 Save Energy and Water Kit/Appliances	& De Per Books	1,961,884			1,961,884	392,377		-	-	-	-	-	-	134,188	198,356	355,179	133,902	821,625							1,214,001	2,622,119	841,933	4,678,053
20 Residential Energy Assessments	Per Books	1,382,699			1,382,699	276,540		-	-	-	-	-	-	301,156	346,855	354,820	329,340	1,332,171							1,608,711	1,093,674	231,643	2,934,029
21 Multi-Family	Per Books	450,861			450,861	90,172		-	-	-	-	-	-	391,835	349,415	143,331	59,396	943,977							1,034,150	447,447	249,372	1,730,968
22 PPI Cap Adjustment																											1,410	1,410
23 Found Revenue	Per Books																	-								(10,278)		(10,278)
24 Subtotal-Residential	Σ Lines 9 thru 23	32,649,824			32,649,824	6,732,395	-	498,306	1,083,851	1,358,250	581,401	1,402,040	1,669,042	4,169,218	4,969,825	3,962,883	3,531,605	23,226,421	-	-	-	-	-	-	29,958,816	25,005,737	5,682,035	60,646,588
25 CIG Energy Efficiency	Per Books	-			-	-		375,917	661,861	538,734	274,217	-	-	-	-	-	-	1,850,729						-	1,850,729			1,850,729
26 EE Lighting (Gen Svc)*	Per Books (allocated)	599,302			599,302	119,860		-	-	-	-	-	-	172,491	251,739	118,478	112,861	655,569							775,429	675,705	969,727	2,420,860
27 Energy Efficiency for Business	Per Books	-			-	-		-	-	-	-	-	-	-	-	-	-	-							-	-		-
28 Smart Saver Prescriptive	Per Books	7,686,307			7,686,307	2,562,102		-	-	-	-	-	-	-	-	2,087,466	2,190,346	4,277,812							6,839,914	4,963,179	3,085,574	14,888,667
29 Smart Saver Custom	Per Books	2,183,082			2,183,082	727,694		-	-	-	-	-	-	-	-	875,379	979,254	1,854,633							2,582,327	1,660,989	435,184	4,678,500
30 Smart Saver Performance Incentive	Per Books	134,007			134,007	44,669		-	-	-	-	-	-	-	-	44,046	48,998	93,044							137,713	237,631	36,407	411,751
28 Small Business Energy Saver	Per Books	3,996,084			3,996,084	1,332,028		35,057	585,894	800,890	546,667	-	-	-	-	1,269,967	1,350,649	4,589,123						-	5,921,152	2,593,225	993,976	9,508,353
31 Business Energy Report	Per Books	-			-	-		-	-	-	-	-	-	-	-	-	-	-							-		-	-
32 PPI Cap Adjustment/Other																											68,566	68,566
33 Found Revenue	Per Books																									(46,969)		(46,969)
34 Subtotal-General Service	Σ Lines 25 thru 33	14,598,783			14,598,783	4,786,354	-	410,974	1,247,755	1,339,624	820,884	-	-	172,491	251,739	4,395,336	4,682,108	13,320,910	-	-	-	-	-	-	18,107,264	10,083,759	5,589,434	33,780,457
35 Total of EE Programs	Lines 24 + 34	47,248,607			47,248,607	11,518,749	<u>-</u>	909,280	2,331,606	2,697,874	1,402,285	1,402,040	1,669,042	4,341,709	5,221,564	8,358,219	8,213,713	36,547,331							48,066,080	35,089,496	11,271,469	94,427,045
36 EE Assigned A&G and CCost	Per Books	-		4,432,944	4,432,944		1,477,648	-	-	-	<u>-</u>	-	-	-		1,261,610	1,445,833	2,707,444					6,811,046	1,476,054	12,472,192			12,472,192
37 Total EE and Assigned Costs	Lines 35 + 36	47,248,607		4,432,944	51,681,551	11,518,749	1,477,648	909,280	2,331,606	2,697,874	1,402,285	1,402,040	1,669,042	4,341,709	5,221,564	9,619,830	9,659,546	39,254,775					6,811,046	1,476,054	60,538,272	35,089,496	11,271,469	106,899,237
NC DSDR Program Expenses																												
38 DSDR Program	Per Books	2,839,240	840,227		3,679,466	367,947	_	343,159	575,377	600,738	194,840	536,321	472,616	440,002	482,044	488,637	475,804	4,609,537	7,720,573	1,709,775	708,879	5,437,867			20,554,578			20,554,578
39 DSDR Assigned A&G and CCost	Per Books	-	0.0,227	_	-	22.,3	-	2.0,200	2.2,0	223,730		555,622	,020	,	.52,0	,	5,55 ?	-	.,0,0.0	_,,,,	. 30,0.3	2, .2.,007	1,155,886	250,497	1,406,383			1,406,383
40 Total DSDR and Assigned Costs	Σ Lines 38 thru 39	2,839,240	840,227	_	3,679,466	367,947	-	343,159	575,377	600,738	194,840	536,321	472,616	440,002	482,044	488,637	475,804	4,609,537	7,720,573	1,709,775	708,879	5,437,867		250,497	21,960,962	-	-	21,960,962
2 2 2		-,, <del>-</del> .•			2,2:3,:00	/		<b>,</b>		,	,	,		,	,	,	112,007	,,	,: ==,==	,. ==,	230,0.0	-, · -, · -, · -, ·	-,,	,	-,, <b></b>			,,
41 Test Period Totals	Lines 8 + 37 + 40	65,004,277	840,227	6,069,919	71,914,423	14,017,319	2,023,306	1,725,369	3,931,821	4,360,304	2,135,503	3,050,529	3,222,593	5,990,474	6,952,257	12,656,762	12,622,851	56,648,463	7,720,573	1,709,775	708,879	5,437,867	10,939,203	2,370,686	101,576,072	35,124,511	15,880,505	152,581,088
					60 224 057																							

68,234,957
\*All Non-Residential programs are amortized over a 3 year period. The Residential Lighting Program, Multi-Family EE and EE Education are recoverable over a 5 year period. My Home Energy Report is recoverable over a 1 year period. All other Residential EE programs are recoverable over 10 years.

To Miller Exhibit 2 page 4

Duke Energy Progress, LLC
Docket No. E-2, Sub 1322
EMF Adjustment Summary
January 2022 - December 2022

		F	Residential			General Servi	ice			Light	ing			Tot	als	
<u>Line</u> <u>Description</u>	DSI	M DSDF	R EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total
Test Period DSM/EE Rate Billings      Amounts from Miller Exhibit 4	\$ 18,	732,624 \$ 19,448	,763 \$ 70,329,884	\$ 108,511,270 \$	5,664,009 \$	10,839,520 \$	48,287,644	\$ 64,791,173	\$ -	\$ 379,151	\$ -	\$ 379,151 \$	24,396,634	\$ 30,667,434	\$ 118,617,527 \$	173,681,595
2 Less: Uncollectible Allowance in Rates <sup>2</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 Over or (Under) collection of Uncollectibles <sup>3</sup>																
4 True up of Vintage 2019 PPI <sup>4</sup> Amounts from Summary (2019) - Exhibit		-	-	-	228		299	527				-	228	-	299	527
5 True up of Vintage 2020 PPI <sup>5</sup> Amounts from Summary (2020) - Exhibit		-	-	-	17		23,814	23,831				-	17	-	23,814	23,831
6 True up of Vintage 2021 PPI <sup>6</sup> Amounts from Summary (2021) - Exhibit		-	-	-	-	-	202,778	202,778			-	-	-	-	202,778	202,778
7 True up of Vintage 2019 Lost Revenue through Year  Amounts from Fields Exhibit 2 pages 4-6	2021 <sup>7</sup>		21,822	21,822	-		1,207	1,207					-	-	23,029	23,029
8 True up of Vintage 2020 Lost Revenue through Year Amounts from Fields Exhibit 2 pages 4-6	2021 <sup>8</sup>		6,622	6,622	-		49,887	49,887			-	-	-	-	56,509	56,509
9 True up of Vintage 2021 Lost Revenue through Year Amounts from Fields Exhibit 2 pages 4-6	2021 <sup>9</sup>		3,394	3,394	-		219,402	219,402				-	-	-	222,796	222,796
10 Interest on Overcollections/(Undercollections) 10  Amounts from Miller Exhibit 3		-	- 1,069,151	1,069,151	100,111	-	2,075,166	2,175,277	-	10,120	-	10,120	100,111	10,120	3,144,317	3,254,548
11 Net Adjustments to DSM/EE EMF Clause		732,624 \$ 19,448	,763 \$ 71,430,874			10,839,520 \$	50,860,197	\$ 67,464,082	\$ -	\$ 389,271	\$ -	\$ 389,271 \$	24,496,990	· · · · · · · · · · · · · · · · · · ·	\$ 122,291,071 \$	177,465,614
$\Sigma$ Lines 1 through 11	Miller Exhi	bit 2 page 5		To Mill	ler Exhibit 2 page 5					To M	liller Exhi	bit 2 page 4 o M	iller Exhibit 2 page	5		
		;	γ \$90,879,637			ү \$61,699,	,717							ا \$152,96	8,624	

To Miller Exhibit 2 page 4

To Miller Exhibit 2 page 4

<sup>&</sup>lt;sup>1</sup> Actual DSM/EE Rate billings for test period (January 2022 through December 2022).

<sup>&</sup>lt;sup>2</sup> The Company is not requesting an adjustment for uncollectibles in this proceeding.

<sup>&</sup>lt;sup>3</sup> An uncollectible adjustment in not included in this rider filing due to the outstanding rate case and associated hearing.

<sup>&</sup>lt;sup>4</sup> See Vintage 2019 (True-Up) - Fields Exhibit 1 for a detail list of Vintage 2019 programs PPI true-ups

<sup>&</sup>lt;sup>5</sup> See Vintage 2020 (True Up) - Fields Exhibit 1 for a detail list of Vintage 2020 programs PPI true-ups

<sup>&</sup>lt;sup>6</sup> See Vintage 2021 (True Up) - Fields Exhibit 1 for a detail list of Vintage 2021 programs PPI true-ups

<sup>&</sup>lt;sup>7</sup> See Fields Exhibit 2 pages 3-6 for a detail list of Vintage 2019 programs impacted by EM&V true-ups

<sup>&</sup>lt;sup>8</sup> See Fields Exhibit 2 pages 3-6 for a detail list of Vintage 2020 programs impacted by EM&V true-ups

<sup>&</sup>lt;sup>9</sup> See Fields Exhibit 2 pages 3-6 for a detail list of Vintage 2021 programs impacted by EM&V true-ups

<sup>&</sup>lt;sup>10</sup> Calculated interest obligation associated with test period (January 1, 2022 through December 31, 2022).

Miller Exhibit 3, page 1 of 4

# Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Estimated Return Calculation - Residential EE & DSM Programs Vintage 2022

		Residential EE Costs	Residential DSM Costs	Residential DSDR Program Costs Incurred	Total EE and DSM to be recovered	NC Residential Revenue Collected	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
2022	January	6,545,784	1,792,074	1,372,374	9,710,233	10,386,128	100.00%	(10,386,128)	(675,895)
2022	February	7,282,946	1,993,891	1,526,926	10,803,764	11,555,775	100.00%	(11,555,775)	(752,012)
2022	March	5,388,134	1,475,138	1,129,664	7,992,936	8,549,296	100.00%	(8,549,296)	(556,360)
2022	April	4,329,730	1,185,373	907,761	6,422,865	6,869,938	100.00%	(6,869,938)	(447,073)
2022	May	4,408,802	1,207,021	924,340	6,540,163	6,995,401	100.00%	(6,995,401)	(455,238)
2022	June	5,950,120	1,628,996	1,247,489	8,826,605	9,440,994	100.00%	(9,440,994)	(614,389)
2022	July	6,605,439	1,808,406	1,384,882	9,798,727	10,480,782	100.00%	(10,480,782)	(682,055)
2022	August	7,365,164	2,016,400	1,544,164	10,925,728	11,686,229	100.00%	(11,686,229)	(760,501)
2022	September	6,103,486	1,670,984	1,279,643	9,054,113	9,684,338	100.00%	(9,684,338)	(630,225)
2022	October	4,171,463	1,142,044	874,580	6,188,086	6,618,817	100.00%	(6,618,817)	(430,731)
2022	November	3,995,237	1,093,798	837,633	5,926,668	6,339,202	100.00%	(6,339,202)	(412,534)
2022	December	6,242,160	1,708,950	1,308,717	9,259,827	9,904,371	100.00%	(9,904,371)	(644,544)
		68,388,466	18,723,077	14,338,172	101,449,715	108,511,270	•		(7,061,556)

Note 1: Revenue source - CIM CRY4 reports

		Cumulative (Over)/Under	Current Income Tax	Monthly Deferred		Net Deferred After Tax		Monthly A/T	YTD After Tax	·	Gross up of Return
		Recovery	Rate	Income Tax	Tax	Balance	· · · · · · · · · · · · · · · · · · ·	Return on Deferral	Interest	to Pretax Rate	to Pretax
			2022 tax rate				10.00%			0.76867	
2022	January	(675,895)	23.1330%	(156,355)	(156,355)	(519,540)	0.008333	(2,165)	(2,165)	0.76867	(2,816)
2022	February	(1,427,907)	23.1330%	(173,963)	(330,318)	(1,097,589)	0.008333	(6,738)	(8,903)	0.76867	(11,582)
2022	March	(1,984,267)	23.1330%	(128,703)	(459,020)	(1,525,246)	0.008333	(10,928)	(19,831)	0.76867	(25,799)
2022	April	(2,431,340)	23.1330%	(103,421)	(562,442)	(1,868,898)	0.008333	(14,142)	(33,974)	0.76867	(44,198)
2022	May	(2,886,577)	23.1330%	(105,310)	(667,752)	(2,218,825)	0.008333	(17,032)	(51,006)	0.76867	(66,356)
2022	June	(3,500,966)	23.1330%	(142,127)	(809,878)	(2,691,088)	0.008333	(20,458)	(71,464)	0.76867	(92,971)
2022	July	(4,183,021)	23.1330%	(157,780)	(967,658)	(3,215,363)	0.008333	(24,610)	(96,074)	0.76867	(124,987)
2022	August	(4,943,522)	23.1330%	(175,927)	(1,143,585)	(3,799,937)	0.008333	(29,230)	(125,304)	0.76867	(163,014)
2022	September	(5,573,747)	23.1330%	(145,790)	(1,289,375)	(4,284,372)	0.008333	(33,685)	(158,989)	0.76867	(206,836)
2022	October	(6,004,478)	23.1330%	(99,641)	(1,389,016)	(4,615,462)	0.008333	(37,083)	(196,072)	0.76867	(255,079)
2022	November	(6,417,012)	23.1330%	(95,432)	(1,484,447)	(4,932,565)	0.008333	(39,783)	(235,855)	0.76867	(306,835)
2022	December	(7,061,556)	23.1330%	(149,102)	(1,633,550)	(5,428,006)	0.008333	(43,169)	(279,024)	0.76867	(362,996)
	Checks			(1,633,550)	(1,633,550)	(1,633,550)		(279,024)		•	(362,996)
			Twelve months return	on 2022 Year End Ba	alance	(5,428,006)		(542,801)			(706,156)
			Total return on Reside	ential EE& DSM Progr	ams						(1,069,151)

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# Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Estimated Return Calculation -Non-Residential DSM Programs Vintage 2022

		Non-Residential DSM Program Costs Incurred	Non-Residential Allcoated Carrying Costs & A&G	Total Program Costs Incurred	NC Non-Residential DSM Revenue Collected	NC Non- Residential DSM Program Collection %	Non- Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
2022	January	272,770	85,786	358,556	406,371	100.0000%	(406,371)	(47,815)
2022	February	373,929	117,600	491,528	557,075	100.0000%	` , ,	(65,547)
2022	March	312,026	98,131	410,158	464,854	100.0000%	(464,854)	(54,696)
2022	April	270,554	85,088	355,642	403,068	100.0000%	(403,068)	(47,426)
2022	May	300,244	94,426	394,670	447,301	100.0000%	(447,301)	(52,630)
2022	June	334,268	105,126	439,394	497,989	100.0000%	(497,989)	(58,595)
2022	July	350,379	110,193	460,573	521,992	100.0000%	(521,992)	(61,419)
2022	August	393,682	123,812	517,494	586,503	100.0000%	(586,503)	(69,009)
2022	September	323,958	101,884	425,843	482,630	100.0000%	(482,630)	(56,787)
2022	October	320,269	100,724	420,993	477,133	100.0000%	(477,133)	(56,141)
2022	November	250,715	78,849	329,564	373,512	100.0000%	(373,512)	(43,948)
2022	December	299,091	94,063	393,154	445,582	100.0000%	(445,582)	(52,428)
		3,801,885	1,195,683	4,997,568	5,664,009	<del>-</del>	(5,664,009)	(666,441)

Note 1: Revenue source - CIM CRY4 reports

		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
			2022 tax rate				10.00%			0.76867	<del></del>
2022	January	(47,815)	23.1330%	(11,061)	(11,061)	(36,754)	0.008333	(153)	(153)	0.76867	(199)
2022	February	(113,361)	23.1330%	(15,163)	(26,224)	(87,138)	0.008333	(516)	(669)	0.76867	(871)
2022	March	(168,057)	23.1330%	(12,653)	(38,877)	(129,181)	0.008333	(901)	(1,571)	0.76867	(2,043)
2022	April	(215,483)	23.1330%	(10,971)	(49,848)	(165,636)	0.008333	(1,228)	(2,799)	0.76867	(3,641)
2022	May	(268,114)	23.1330%	(12,175)	(62,023)	(206,091)	0.008333	(1,549)	(4,348)	0.76867	(5,656)
2022	June	(326,708)	23.1330%	(13,555)	(75,577)	(251,131)	0.008333	(1,905)	(6,253)	0.76867	(8,135)
2022	July	(388,127)	23.1330%	(14,208)	(89,785)	(298,342)	0.008333	(2,289)	(8,542)	0.76867	(11,113)
2022	August	(457,137)	23.1330%	(15,964)	(105,749)	(351,387)	0.008333	(2,707)	(11,250)	0.76867	(14,635)
2022	September	(513,924)	23.1330%	(13,137)	(118,886)	(395,038)	0.008333	(3,110)	(14,360)	0.76867	(18,681)
2022	October	(570,065)	23.1330%	(12,987)	(131,873)	(438,192)	0.008333	(3,472)	(17,832)	0.76867	(23,198)
2022	November	(614,013)	23.1330%	(10,167)	(142,040)	(471,973)	0.008333	(3,792)	(21,624)	0.76867	(28,132)
2022	December	(666,441)	23.1330%	(12,128)	(154,168)	(512,274)	0.008333	(4,101)	(25,725)	0.76867	(33,467)
	Checks			(154,168)	(154,168)	(154,168)		(25,725)		_	(33,467)
			Twelve months return on 20	22 Year End Balance		(512,274)		(51,227)			(66,644)
			Total return on Non-Residen	tial DSM						(100,111)	

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# Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Estimated Return Calculation -Non-Residential EE & DSDR Programs Vintage 2022

		Non-Residential EE Total Costs Incurred	Non-Residential DSDR Total Costs Incurred	Total Program Costs Incurred	NC EE Non-Residential Revenue Collected	NC Non-Residential EE Program Collection %	Total EE Revenue Collected	NC DSDR Non- Residential Revenue Collected	- NC Non- Residential DSDR Program Collection %	DSDR Program Costs Revenue Collected	Total EE & DSDR Revenue Collected	(Over)/Under Collection
2022	January	2,743,962	446,526	3,190,489	3,488,523	100.0000%	(3,488,523)	661,989	100.0000%	(661,989)	(4,150,512)	(960,023)
2022	February	3,680,903	673,632	4,354,534	4,679,697	100.0000%	(4,679,697)	998,681	100.0000%	(998,681)	(5,678,377)	(1,323,843)
2022	March	3,129,393	605,223	3,734,616	3,978,537	100.0000%	(3,978,537)	897,262	100.0000%	(897,262)	(4,875,800)	(1,141,184)
2022	April	2,745,026	537,331	3,282,357	3,489,875	100.0000%	(3,489,875)	796,610	100.0000%	(796,610)	(4,286,485)	(1,004,128)
2022	May	2,998,055	587,894	3,585,948	3,811,561	100.0000%	(3,811,561)	871,571	100.0000%	(871,571)	(4,683,132)	(1,097,184)
2022	June	3,338,481	657,018	3,995,499	4,244,361	100.0000%	(4,244,361)	974,049	100.0000%	(974,049)	(5,218,410)	(1,222,911)
2022	July	3,501,553	688,366	4,189,920	4,451,682	100.0000%	(4,451,682)	1,020,525	100.0000%	(1,020,525)	(5,472,207)	(1,282,287)
2022	August	3,922,041	771,258	4,693,299	4,986,267	100.0000%	(4,986,267)	1,143,414	100.0000%	(1,143,414)	(6,129,681)	(1,436,382)
2022	September	3,237,360	636,696	3,874,056	4,115,802	100.0000%	(4,115,802)	943,921	100.0000%	(943,921)	(5,059,723)	(1,185,667)
2022	October	3,200,895	629,306	3,830,201	4,069,441	100.0000%	(4,069,441)	932,966	100.0000%	(932,966)	(5,002,407)	(1,172,206)
2022	November	2,498,037	491,149	2,989,186	3,175,867	100.0000%	(3,175,867)	728,143	100.0000%	(728,143)	(3,904,010)	(914,824)
2022	December	2,985,840	587,095	3,572,935	3,796,032	100.0000%	(3,796,032)	870,387	100.0000%	(870,387)	(4,666,420)	(1,093,484)
		37,981,545	7,311,495	45,293,039	48,287,644	_	(48,287,644)	10,839,520	- -	(10,839,520)	(59,127,164)	(13,834,124)

Note 1: Revenue source - CIM CRY4 reports

		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return 10.00%	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate 0.76867	to Pretax
			2022 tax rate				10.00%			0.76867	
2022	January	(960,023)	23.1330%	(222,082)	(222,082)	(737,941)	0.008333	(3,075)	(3,075)	0.76867	(4,000)
2022	February	(2,283,866)	23.1330%	(306,245)	(528,327)	(1,755,539)	0.008333	(10,390)	(13,464)	0.76867	(17,516)
2022	March	(3,425,050)	23.1330%	(263,990)	(792,317)	(2,632,733)	0.008333	(18,284)	(31,749)	0.76867	(41,303)
2022	April	(4,429,178)	23.1330%	(232,285)	(1,024,602)	(3,404,576)	0.008333	(25,155)	(56,904)	0.76867	(74,029)
2022	May	(5,526,362)	23.1330%	(253,812)	(1,278,413)	(4,247,949)	0.008333	(31,886)	(88,790)	0.76867	(115,511)
2022	June	(6,749,273)	23.1330%	(282,896)	(1,561,309)	(5,187,964)	0.008333	(39,316)	(128,106)	0.76867	(166,659)
2022	July	(8,031,560)	23.1330%	(296,631)	(1,857,941)		0.008333	(47,340)	(175,446)		
2022	August	(9,467,942)	23.1330%	(332,278)	(2,190,219)		0.008333	(56,047)	(231,493)		
2022	September	(10,653,609)	23.1330%	(274,280)	(2,464,499)		0.008333	(64,445)	(295,938)		
2022	October	(11,825,816)	23.1330%	(271,167)	(2,735,666)		0.008333	(71,997)	(367,935)		
2022	November	(12,740,640)	23.1330%	(211,626)	(2,947,292)		0.008333	(78,681)	(446,616)		
2022	December	(13,834,124)	23.1330%	(252,956)	(3,200,248)		0.008333	(85,113)	(531,730)		, , ,
	Checks	, , , ,		(3,200,248)	(3,200,248)		-	(531,730)	, , ,		(691,753)
			Twelve months return	on 2022 Year End Baland	ce	(10,633,876)		(1,063,388)			(1,383,412)
			Total return on Non-Re	esidential EE programs							(2,075,166)

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## Duke Energy Progress, LLC Docket No. E-2, Sub 1322 Estimated Return Calculation -Lighting DSDR Programs Vintage 2022

		Lighting DSDR Program Costs Incurred	Lighting Allocated Total Program Costs Carrying Costs & A&G Incurred		NC Lighting Revenue Collected	NC Lighting Program Collection %	Lighting Program Costs Revenue Collected	(Over)/Under Collection	
2022	January	15,019	1,028	16,047	19,544	100.0000%	(19,544)	(3,498)	
2022	February	22,574	1,545	24,118	29,376	100.0000%	(29,376)	(5,257)	
2022	March	25,220	1,726	26,946	32,819	100.0000%	(32,819)	(5,874)	
2022	April	30,295	2,073	32,367	39,423	100.0000%	(39,423)	(7,055)	
2022	May	29,341	2,008	31,348	38,182	100.0000%	(38,182)	(6,833)	
2022	June	24,489	1,676	26,164	31,868	100.0000%	(31,868)	(5,703)	
2022	July	23,455	1,605	25,059	30,522	100.0000%	(30,522)	(5,462)	
2022	August	24,792	1,696	26,489	32,263	100.0000%	(32,263)	(5,774)	
2022	September	23,658	1,619	25,276	30,786	100.0000%	(30,786)	(5,510)	
2022	October	24,523	1,678	26,201	31,913	100.0000%	(31,913)	(5,711)	
2022	November	23,328	1,596	24,925	30,358	100.0000%	(30,358)	(5,433)	
2022	December	24,667	1,688	26,354	32,099	100.0000%	(32,099)	(5,745)	
		291,359	19,935	311,295	379,151	<u>-</u>	(379,151)	(67,856)	

Note 1: Revenue source - CIM CRY4 reports

										Gross up of	Gross up of
		Cumulative (Over)/Under		Monthly Deferred	Cumulative Deferred	Net Deferred After		Monthly A/T Return	YTD After Tax	Return to	Return to
		Recovery	Current Income Tax Rate	Income Tax	Income Tax	Tax Balance	Monthly Return	on Deferral	Interest	Pretax Rate	Pretax
			2022 tax rate				10.00%			0.76867	
		(aa.a)		(222)	(222)	(2.22)					()
2022	January	(3,498)		(809)	(809)	(2,689)	0.008333	(11)	(11)	0.76867	(15)
2022	February	(8,755)		(1,216)	(2,025)	(6,730)	0.008333	(39)	(50)	0.76867	(66)
2022	March	(14,629)	23.1330%	(1,359)	(3,384)	(11,245)	0.008333	(75)	(125)	0.76867	(163)
2022	April	(21,684)	23.1330%	(1,632)	(5,016)	(16,668)	0.008333	(116)	(242)	0.76867	(314)
2022	May	(28,517)	23.1330%	(1,581)	(6,597)	(21,921)	0.008333	(161)	(402)	0.76867	(524)
2022	June	(34,221)	23.1330%	(1,319)	(7,916)	(26,304)	0.008333	(201)	(603)	0.76867	(785)
2022	July	(39,683)	23.1330%	(1,264)	(9,180)	(30,503)	0.008333	(237)	(840)	0.76867	(1,093)
2022	August	(45,457)	23.1330%	(1,336)	(10,516)	(34,942)	0.008333	(273)	(1,113)	0.76867	(1,448)
2022	September	(50,967)	23.1330%	(1,275)	(11,790)	(39,177)	0.008333	(309)	(1,422)	0.76867	(1,849)
2022	October	(56,678)	23.1330%	(1,321)	(13,111)	(43,567)	0.008333	(345)	(1,766)	0.76867	(2,298)
2022	November	(62,111)		(1,257)	(14,368)	(47,743)	0.008333	(380)	(2,147)	0.76867	(2,793)
2022	December	(67,856)		(1,329)	(15,697)	(52,159)	0.008333	(416)	(2,563)	0.76867	(3,334)
	Checks			(15,697)	(15,697)		•	(2,563)		-	(3,334)
			Twelve months return on 20	22 Year End Balance		(52,159)		(5,216)			(6,786)
			Total return on DSDR Lightir	ng						[	(10,120)