

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Summary of 2023 DSM/EE Rates

	<u>Source:</u>	<u>cents/kWh</u> <u>Rate</u>	<u>Reg Fee</u>	<u>Billing Rate</u>
Residential Rate				
EMF Rate - DSM	Listebarger Exhibit 2, page 5	-0.012	0.000	-0.012
EMF Rate - EE	Listebarger Exhibit 2, page 4	-0.052	0.000	-0.052
Projected Rate - DSM	Listebarger Exhibit 2, page 2	0.127	0.000	0.127
Projected Rate - EE	Listebarger Exhibit 2, page 1	0.576	0.001	0.577
Total Residential Rate		0.639		0.640
General Service				
EE EMF Rate	Listebarger Exhibit 2, page 4	-0.149	0.000	-0.149
EE Projected Rate	Listebarger Exhibit 2, page 1	0.572	0.001	0.573
Total General Service EE Rate		0.423		0.424
DSM EMF Rate	Listebarger Exhibit 2, page 5	-0.011	0.000	-0.011
DSM Projected Rate	Listebarger Exhibit 2, page 2	0.053	0.000	0.053
Total General Service DSM Rate		0.042		0.042
Lighting EE Rate				
Lighting EE EMF Rate	Listebarger Exhibit 2, page 4	0.005	0.000	0.005
Lighting EE Projected Rate	Listebarger Exhibit 2, page 1	0.094	0.000	0.094
Total Lighting EE Rate		0.099		0.099

Jun 14 2022

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DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Energy Efficiency Rate Derivation

NC Rate Class	Adjusted NC Rate Class kWh Sales ⁽¹⁾	Rate Class Energy Allocation Factor ⁽²⁾	EE Revenue Requirements						
			Residential Programs ⁽³⁾	CIG Programs ⁽⁴⁾	DSDR ⁽⁵⁾	Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾	DSDR Allocated A&G and Carrying Costs ⁽⁷⁾	Total of Allocated Costs ^{(8) = Σ (3 thru 7)}	Total EE Rate ^{(9) = (8) / (1)}
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	16,671,099,362	60.85%	\$ 71,648,865	\$ -	\$ 3,701,577	\$ 8,675,150	\$ 11,969,296	\$ 95,994,888	0.576
General Service	10,361,570,874	37.82%	\$ -	\$ 44,259,901	\$ 2,300,637	\$ 5,228,343	\$ 7,439,264	\$ 59,228,146	0.572
Lighting	366,051,281	1.34%	\$ -	\$ -	\$ 81,276	\$ -	\$ 262,813	\$ 344,089	0.094
NC Retail	27,398,721,517	100%	\$ 71,648,865	\$ 44,259,901	\$ 6,083,491	\$ 13,903,493	\$ 19,671,373	\$ 155,567,123	

NOTES:

(1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Listebarger Exhibit 6.

(2) Rate Class Energy Allocation Factor is derived in Listebarger Exhibit 5, page 6, column (4).

(3) Residential Program costs are allocated solely to the Residential Class in compliance with 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 Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.

(5) DSDR Costs allocated using the Rate Class Energy Allocation Factor from column (2) in compliance with 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).

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Demand-Side Management Rate Derivation

NC Rate Class	Adjusted NC Rate Class kWh Sales ⁽¹⁾	Rate Class Demand Allocation Factor ⁽²⁾	DSM Revenue Requirements					
			EnergyWise Program Costs ⁽³⁾	CIG DR Program ⁽⁴⁾	Allocated A&G Costs ⁽⁵⁾	Allocated Carrying Costs ⁽⁵⁾	Total of Allocated Costs	Total DSM Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7) = Σ (3 thru 6)	(8) = (7) / (1)
Residential	16,671,099,362	67.06%	\$ 17,437,280	\$ -	\$ 996,970	\$ 2,747,113	\$ 21,181,364	0.127
General Service	10,365,136,121	32.94%	\$ -	\$ 4,408,095	\$ 281,371	\$ 775,307	\$ 5,464,773	0.053
Lighting	365,714,174	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	-
NC Retail	27,401,949,657	100.00%	\$ 17,437,280	\$ 4,408,095	\$ 1,278,341	\$ 3,522,421	\$ 26,646,137	

NOTES:

(1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Listebarger Exhibit 6.

(2) Rate Class Demand Allocation Factor is derived in Listebarger Exhibit 5, page 7, column (5).

(3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.

(4) CIG DR Program costs are directly assigned solely to the General Service Class in compliance with 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).

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Rate Period Revenue Requirement Summary - NC Level
January 2023 - December 2023

NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY																		
		O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue Recoupment	Program Performance Incentive	Rev Reqmt With PPI & NLR
		(1)	(2)	(3)	(4)	(5)	(6)		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
					ΣCols(1)thru(3)	((1)+(2))/3 or 1	(3)/3								ΣCols(5)thru(15)			ΣCols(16)thru(18)
NC DSM Program Expenses																		
1	CIG DR	Per Forecast	2,166,019	-	2,166,019	722,006	-	1,558,719							2,280,725		576,069	2,856,794
2	EnergyWise	Per Forecast	11,160,899	-	11,160,899	3,720,300	-	9,766,906							13,487,206		3,950,075	17,437,280
3	EnergyWise for Business	Per Forecast	967,731	-	967,731	322,577	-	1,203,139							1,525,716	13,786	11,799	1,551,301
4	Total DSM	Σ Lines 1 thru 2	14,294,650	-	14,294,650	4,764,883	-	12,528,764							17,293,647	13,786	4,537,942	21,845,375
5	DSM Assigned A&G and CCost	Per Forecast	-	1,132,027	1,132,027		377,342	900,999					2,895,026	627,395	4,800,762			4,800,762
6	Total DSM and Assigned Costs	Σ Lines 4 thru 5	14,294,650	1,132,027	15,426,676	4,764,883	377,342	13,429,763					2,895,026	627,395	22,094,409	13,786	4,537,942	26,646,137
NC EE Program Expenses																		
7	Res Home Advantage	Per Forecast	-	-	-	-	-	181							181	-	-	181
8	Residential Smart Saver/Home Ener	Per Forecast	3,246,260	-	3,246,260	1,082,087	-	4,379,228							5,461,315	1,309,224	456	6,770,995
9	Neighborhood Energy Saver/Weath	Per Forecast	2,718,296	-	2,718,296	906,099	-	1,240,412							2,146,511	436,378	311,114	2,894,003
10	Solar Hot Water Pilot	Per Forecast	-	-	-	-	-	-							-	-	-	-
11	EE Lighting (Res)*	Per Forecast (allocated)	4,209,254	-	4,209,254	1,403,085	-	4,863,192							6,266,277	2,663,434	1,598,595	10,528,306
12	Res Appliance Recycling	Per Forecast	-	-	-	-	-	213,098							213,098	-	14,929	228,028
13	My Home Energy Report*	Per Forecast	3,541,678	-	3,541,678	3,541,678	-	-							10,141,666	605,774	14,289,118	
14	Residential New Construction	Per Forecast	16,326,722	-	16,326,722	5,442,241	-	9,433,725							14,875,966	4,081,432	1,215,246	20,172,644
15	Multi-Family	Per Forecast	1,659,440	-	1,659,440	553,147	-	884,030							1,437,177	1,140,334	290,278	2,867,789
16	Energy Education Program for Schoc	Per Forecast	799,148	-	799,148	266,383	-	465,097							731,480	580,551	100,165	1,412,196
17	Save Energy and Water Kit/Applianc	Per Forecast	3,314,366	-	3,314,366	1,104,789	-	1,555,296							2,660,085	3,877,235	851,468	7,388,788
18	Residential Energy Assessments	Per Forecast	3,208,345	-	3,208,345	1,069,448	-	1,636,157							2,705,605	2,029,907	362,195	5,097,707
19	Residential Found Revenue	Per Forecast	-	-	-	-	-	-							-	(889)	-	(889)
20	Subtotal-Residential	Σ Lines 7 thru 19	39,023,509	-	39,023,509	15,368,957	-	24,670,416							40,039,373	26,259,271	5,350,220	71,648,865
21	CIG Energy Efficiency	Per Forecast	0	-	-	-	-	1,199,037							1,199,037	-	-	1,199,037
22	EE Lighting (General Service)*	Per Forecast (allocated)	510,056	-	510,056	170,019	-	589,322							759,341	598,366	678,601	2,036,308
23	Energy Efficiency for Business	Per Forecast	-	-	-	-	-	-							-	-	-	-
24	Smart Saver Prescriptive	Per Forecast	12,215,888	-	12,215,888	4,071,964	-	5,880,968							9,952,932	7,175,114	2,790,343	19,918,389
25	Smart Saver Custom	Per Forecast	4,201,523	-	4,201,523	1,400,508	-	2,304,409							3,704,917	2,181,231	667,889	6,554,037
26	Smart Saver Performance Incentive	Per Forecast	398,745	-	398,745	132,915	-	118,583							251,498	389,526	113,031	754,055
27	Small Business Energy Saver	Per Forecast	6,769,231	-	6,769,231	2,256,410	-	6,006,813							8,263,223	4,206,786	1,348,289	13,818,298
28	Business Energy Report	Per Forecast	-	-	-	-	-	-							-	-	-	-
29	General Service Found Revenue	Per Forecast	-	-	-	-	-	-							-	(20,222)	-	(20,222)
	Subtotal-General Service	Σ Lines 21 thru 29	24,095,444	-	24,095,444	8,031,816	-	16,099,131							24,130,947	14,530,800	5,598,153	44,259,901
30	Total of EE Programs	Σ Lines 20 + 29	63,118,953	-	63,118,953	23,400,773	-	40,769,548							64,170,321	40,790,072	10,948,374	115,908,766
31	EE Assigned A&G and CCost	Per Forecast	-	5,062,021	5,062,021		1,687,340	3,325,367					7,307,207	1,583,579	13,903,493			13,903,493
32	Total EE and Assigned Costs	Lines 30 + 31	63,118,953	5,062,021	68,180,974	23,400,773	1,687,340	44,094,915					7,307,207	1,583,579	78,073,814	40,790,072	10,948,374	129,812,259
NC DSDR Program Expenses																		
33	DSDR Program	Per Forecast	3,845,164	753,149	4,598,313	1,532,771	-	4,550,720							6,083,491	-	-	6,083,491
34	DSDR Assigned A&G and CCost	Per Forecast	-	-	-	-	-	-	6,805,909	1,507,217	674,033	9,280,705	1,153,523	249,985	19,671,373	-	-	19,671,373
35	DSDR Proforma Adjustment	Per DSDR Summary analysis	-	-	-	-	-	-							-	-	-	-
36	Total DSDR and Assigned Costs	Σ Lines 33 thru 34	3,845,164	753,149	4,598,313	1,532,771	-	4,550,720	6,805,909	1,507,217	674,033	9,280,705	1,153,523	249,985	25,754,864	-	-	25,754,864
37	Rate Period Totals	Lines 6 + 32 + 36	81,258,766	753,149	82,011,915	29,698,427	2,064,682	62,075,398	6,805,909	1,507,217	674,033	9,280,705	11,355,756	2,460,959	125,923,086	40,803,858	15,486,316	182,213,260

*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 3years.

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Energy Efficiency Experience Modification Factor Rate Derivation

NC Rate Class	EE EMF Revenue Requirement										
	Adjusted NC Rate Class kWh Sales ⁽¹⁾ (1)	Rate Class Energy Allocation Factor ⁽²⁾ (2)	Residential Programs ⁽³⁾ (3)	CIG Programs ⁽⁴⁾ (4)	DSDR ⁽⁵⁾ (5)	Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾ (6)	DSDR Allocated A&G and Carrying Costs ⁽⁵⁾ (7)	Total of Allocated Costs (8) = Σ (3 thru 7)	Less: Prior Period EE Rate Adjustment ⁽⁷⁾ (9)	Adjusted EE EMF Revenue Requirement (10)=(8)-(9)	Total EE EMF Rate (cents/kWh) (11) = (10) / (1)
Residential	16,671,099,362	60.85%	\$ 56,935,327	\$0	\$ 12,421,446	\$ 7,460,792	\$ 893,128	\$ 77,710,693	\$ 86,374,822	\$ (8,664,128)	(0.052)
General Service	10,361,570,874	37.82%	\$0	\$ 32,326,679	\$ 7,720,289	\$ 4,754,446	\$ 555,105	\$ 45,356,519	\$ 60,794,223	\$ (15,437,704)	(0.149)
Lighting	366,051,281	1.34%	\$0	\$0	\$ 272,741	\$ -	\$ 19,611	\$ 292,351	\$ 273,991	\$ 18,360	0.005
NC Retail	27,398,721,517	100.00%	\$ 56,935,327	\$ 32,326,679	\$ 20,414,476	\$ 12,215,238	\$ 1,467,843	\$ 123,359,563	\$ 147,443,036	\$ (24,083,473)	

NOTES:

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Listebarger Exhibit 6.
- (2) Rate Class Energy Allocation Factor is derived in Listebarger Exhibit 5, page 6, column (4).
- (3) Residential Program costs are allocated solely to the Residential rates in compliance with 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 Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (5) DSDR Costs allocated using the Rate Class Energy Allocation Factor from column (2) in compliance with 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 Listebarger Exhibit 2, page 7.

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS,LLC
Docket No. E-2, Sub 1294
Demand-Side Management Experience Modification Factor Rate Derivation

NC Rate Class	Adjusted NC Rate Class kWh Sales ⁽¹⁾	Rate Class Demand Allocation Factor ⁽²⁾	DSM EMF Reven			DSM EMF Revenue Requirement					
			Allocated DSDR Program Costs ⁽³⁾	EnergyWise Program Costs ⁽³⁾	CIG DR Program ⁽⁴⁾	Allocated A&G Costs ⁽⁵⁾	Allocated Carrying Costs ⁽⁵⁾	Total of Allocated Costs ^{(7) = Σ (3 thru 6)}	Less: Prior Period DSM Rate Adjustment ⁽⁶⁾	Adjusted DSM EMF Revenue Requirement ⁽⁹⁾⁼⁽⁷⁾⁻⁽⁸⁾	Total DSM EMF Rate (cents/kWh) ^{(10) = (9) / (1)}
	(1)	(2)	(3)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Residential	16,671,099,362	67.06%	\$0	\$ 14,667,701	\$ -	\$ 838,443	\$ 2,681,471	\$ 18,187,616	\$ 20,219,450	\$ (2,031,834)	(0.012)
General Service	10,365,136,121	32.94%	\$0	\$ -	\$ 4,013,774	\$ 298,364	954,214	\$ 5,266,352	\$ 6,444,694	\$ (1,178,342)	(0.011)
Lighting	365,714,174	0.00%	\$0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
NC Retail	27,401,949,657	100%	\$0	\$ 14,667,701	\$ 4,013,774	\$ 1,136,807	\$ 3,635,686	\$ 23,453,967	\$ 26,664,144	\$ (3,210,176)	
	CHK				CHK						

NOTES:

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Listebarger Exhibit 6.
- (2) Rate Class Demand Allocation Factor is derived in Listebarger Exhibit 5, page 7, column (5).
- (3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.
- (4) CIG DR costs are directly assigned solely to the General Service Rate Class in compliance with 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 Listebarger Exhibit 2, page 7.

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
EMF Period Revenue Requirement Summary - NC Level
January 2021 - December 2021

	O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue Recoupment	Program Performance Incentive	Rev Reqmt With PPI & NLR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
				ΣCols(1)thru(3)	((1)+(2))/10	(3)/3								ΣCols(5)thru(13)			ΣCols(14)thru(16)
NC DSM Program Expenses																	
1	CIG DR	1,943,592		1,943,592	647,864	-	1,511,732							2,159,596		402,658	2,562,254
2	EnergyWise	10,080,599		10,080,599	1,008,060	-	9,296,456							10,304,516		4,363,185	14,667,701
3	EnergyWise for Business	1,072,378		1,072,378	357,459	-	1,149,855							1,507,315	36,196	(91,991)	1,451,520
4	Total DSM	13,096,568		13,096,568	2,013,383	-	11,958,044							13,971,427	36,196	4,673,852	18,681,475
5	DSM Assigned A&G and CCost	-		1,422,354	1,422,354		474,118	662,689				2,986,698	648,988	4,772,493			4,772,493
6	Total DSM and Assigned Costs	13,096,568		1,422,354	14,518,923	2,013,383	474,118	12,620,733				2,986,698	648,988	18,743,920	36,196	4,673,852	23,453,967
NC EE Program Expenses																	
7	Residential Home Advantage	-		-	-	-	105,384							105,384		60,967	166,350
8	Residential Smart Saver/Home Energy Imprc	5,292,825		5,292,825	529,282		4,515,545							5,044,828	817,723	90,897	5,953,447
9	Neighborhood Energy Saver/Weatherization	471,913		471,913	47,191		1,263,074							1,310,265	87,193	-	1,397,459
10	Solar Hot Water Pilot	-		-	-		3,909							3,909		-	3,909
11	EE Lighting (Res)*	4,656,946		4,656,946	931,389		6,261,476							7,192,865	2,168,998	3,388,413	12,750,276
12	Appliance Recycling	-		-	-		432,846							432,846		70,614	503,460
13	My Home Energy Report	3,245,492		3,245,492	3,245,492		6,929,392							3,245,492	11,825,124	531,107	15,601,723
14	Residential New Construction	14,384,923		14,384,923	1,438,492		-							8,367,885	2,389,933	676,179	11,433,996
15	Home Depot CFL	-		-	-		-							-		-	-
16	Energy Education Program for Schools	313,067		313,067	62,613		430,936							493,550	183,565	-	677,115
17	Save Energy and Water Kit/Appliances & De	669,508		669,508	133,902		833,024							966,925	1,867,356	925,900	3,760,181
18	Residential Energy Assessments	1,646,699		1,646,699	329,340		1,307,450							1,636,790	709,854	248,795	2,595,439
19	Multi-Family	296,978		296,978	59,396		5,247,887							1,355,002	327,407	409,576	2,091,984
20	Found Revenue	-		-	-		-							-	(13)	-	(13)
21	Subtotal-Residential	30,978,352		30,978,352	6,777,098	-	23,378,642							30,155,740	20,377,139	6,402,448	56,935,327
22	CIG Energy Efficiency	-		-	-		2,551,507							2,551,507		-	2,551,507
23	EE Lighting (Gen Svc)*	564,306		564,306	112,861		758,803							871,664	457,423	1,177,104	2,506,191
24	Energy Efficiency for Business	-		-	-		-							-		-	-
25	Smart Saver Prescriptive	6,571,037		6,571,037	2,190,346		4,309,794							6,500,139	3,350,682	3,671,353	13,522,174
26	Smart Saver Custom	2,937,762		2,937,762	979,254		1,550,301							2,529,555	1,069,986	421,053	4,020,594
27	Smart Saver Performance Incentive	146,994		146,994	48,998		116,575							165,573	209,905	18,709	394,188
28	Small Business Energy Saver	4,051,947		4,051,947	1,350,649		5,247,887							6,598,536	1,658,737	1,088,544	9,345,817
29	Business Energy Report	-		-	-		-							-		-	-
29	Found Revenue	-		-	-		-							-	(13,792)	-	(13,792)
30	Subtotal-General Service	14,272,045		14,272,045	4,682,107	-	14,534,867							19,216,975	6,732,941	6,376,763	32,326,679
31	Total of EE Programs	45,250,396		45,250,396	11,459,205	-	37,913,509							49,372,714	27,110,081	12,779,211	89,262,006
32	EE Assigned A&G and CCost	-		4,337,500	4,337,500		1,445,833	2,273,878				6,979,012	1,516,515	12,215,238			12,215,238
33	Total EE and Assigned Costs	45,250,396		4,337,500	49,587,897	11,459,205	1,445,833	40,187,388				6,979,012	1,516,515	61,587,953	27,110,081	12,779,211	101,477,244
NC DSDR Program Expenses																	
34	DSDR Program	3,952,068	805,969	4,758,037	475,804	-	4,730,403	7,401,219	1,647,556	674,033	5,485,461			20,414,476			20,414,476
35	DSDR Proforma Adjustments	-		-	-		-							-		-	-
36	DSDR Assigned A&G and CCost	-		-	-		-					1,205,823	262,020	1,467,843			1,467,843
37	Total DSDR and Assigned Costs	3,952,068	805,969	4,758,037	475,804	-	4,730,403	7,401,219	1,647,556	674,033	5,485,461	1,205,823	262,020	21,882,319			21,882,319
38	Test Period Totals	62,299,033	805,969	5,759,855	68,864,857	13,948,392	1,919,952	57,538,524	7,401,219	1,647,556	674,033	5,485,461	11,171,533	2,427,523	27,146,277	17,453,062	146,813,531

*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.

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC
 Docket No. E-2, Sub 1294
 EMF Adjustment Summary
 January 2021 - December 2021

Line	Description	Residential				General Service				Lighting				Totals			
		DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total
1	Test Period DSM/EE Rate Billings ¹ <i>Amounts from Listebarger Exhibit 4</i>	\$ 20,240,051	\$ 15,584,291	\$ 69,399,662	\$ 105,224,004	\$ 6,365,706	\$ 8,283,645	\$ 50,277,686	\$ 64,927,037	\$ -	\$ 277,950	\$ -	\$ 277,950	\$ 26,605,757	\$ 24,145,887	\$ 119,677,348	\$ 170,428,991
2	Less: Uncollectible Allowance in Rates ²	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 ³	(20,611)	(13,717)	(76,847)	(111,176)	564	685	5,630	6,879	-	-	-	-	(20,048)	(13,032)	(71,217)	(104,296)
4	True up of Vintage 2016 PPI ⁴ <i>Amounts from Summary (2016) - Exhibit</i>			602	602											602	602
5	True up of Vintage 2017 PPI ⁵ <i>Amounts from Summary (2017) - Exhibit</i>			14,380	14,380											14,380	14,380
6	True up of Vintage 2018 PPI ⁶ <i>Amounts from Summary (2018) - Exhibit</i>	10		22,307	22,318	35		(2,833)	(2,798)					45		19,474	19,519
7	True up of Vintage 2019 PPI ⁷ <i>Amounts from Summary (2020) - Exhibit</i>	-		23,375	23,375	-		256	256					-		23,631	23,631
8	True up of Vintage 2020 PPI ⁸ <i>Amounts from Summary (2020) - Exhibit</i>	-		14,840	14,840	(569)		(11,484)	(12,053)					(569)		3,356	2,787
9	True up of Vintage 2016 Lost Revenue through Year 2020 ⁹ <i>Amounts from Holbrook Exhibit 2 pages 4-6</i>			2,571	2,571											2,571	2,571
10	True up of Vintage 2017 Lost Revenue through Year 2020 ¹⁰ <i>Amounts from Holbrook Exhibit 2 pages 4-6</i>		(70,140)	70,557	416		(43,594)		(43,594)		(1,540)		(1,540)		(115,275)	70,557	(44,718)
11	True up of Vintage 2018 Lost Revenue through Year 2020 ¹¹ <i>Amounts from Holbrook Exhibit 2 pages 4-6</i>			(179,822)	(179,822)	178		669,874	670,052					178		490,052	490,230
12	True up of Vintage 2019 Lost Revenue through Year 2020 ¹² <i>Amounts from Holbrook Exhibit 2 pages 4-6</i>			183,429	183,429	(53,108)		1,184,117	1,131,009					(53,108)		1,367,547	1,314,439
13	True up of Vintage 2020 Lost Revenue through Year 2020 ¹³ <i>Amounts from Holbrook Exhibit 2 pages 4-6</i>			146,922	146,922	(0)		(2,428)	(2,428)					(0)		144,494	144,494
14	Interest on Overcollections/(Undercollections) ¹⁴ <i>Amounts from Listebarger Exhibit 3</i>	-	-	1,252,413	1,252,413	131,888		432,670	564,557		(2,419)		(2,419)	131,888	(2,419)	1,685,082	1,814,551
15	Net Adjustments to DSM/EE EMF Clause <i>Lines 1 through 15</i>	\$ 20,219,450	\$ 15,500,434	\$ 70,874,388	\$ 106,594,271	\$ 6,444,694	\$ 8,240,735	\$ 52,553,488	\$ 67,238,918	\$ -	\$ 273,991	\$ -	\$ 273,991	\$ 26,664,144	\$ 24,015,160	\$ 123,427,876	\$ 174,107,180

¹ Actual DSM/EE Rate billings for test period (January 2021 through December 2021).
² The Company is not requesting an adjustment for uncollectibles in this proceeding.
³ The Company's actual uncollectible experience was greater than the rate approved in the last rate case proceeding. An adjustment is necessary.
⁴ See Summary (2016) - Exhibit for a detail list of Vintage 2016 programs PPI true-ups
⁵ See Summary (2017) - Exhibit for a detail list of Vintage 2017 programs PPI true-ups
⁶ See Summary (2018) - Exhibit for a detail list of Vintage 2018 programs PPI true-ups
⁷ See Summary (2019) - Exhibit for a detail list of Vintage 2019 programs PPI true-ups
⁸ See Summary (2020) - Exhibit for a detail list of Vintage 2020 programs PPI true-ups
⁹ See Holbrook Exhibit 2 pages 3-6 for a detail list of Vintage 2016 programs impacted by EM&V true-ups
¹⁰ See Holbrook Exhibit 2 pages 3-6 for a detail list of Vintage 2017 programs impacted by EM&V true-ups
¹¹ See Holbrook Exhibit 2 pages 3-6 for a detail list of Vintage 2018 programs impacted by EM&V true-ups
¹² See Holbrook Exhibit 2 pages 3-6 for a detail list of Vintage 2019 programs impacted by EM&V true-ups
¹³ See Holbrook Exhibit 2 pages 3-6 for a detail list of Vintage 2020 programs impacted by EM&V true-ups
¹⁴ Calculated interest obligation associated with test period (January 1, 2021 through December 31, 2021).

Please note: Exhibit may not foot due to rounding.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Estimated Return Calculation - Residential EE & DSM Programs Vintage 2021

	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
2021 January	4,005,343	1,472,001	1,425,181	6,902,526	7,777,828	100.00%	(7,777,828)	(875,302)
2021 February	4,265,577	1,567,640	1,517,778	7,350,995	8,283,167	100.00%	(8,283,167)	(932,172)
2021 March	3,337,839	1,226,687	1,187,670	5,752,196	6,481,626	100.00%	(6,481,626)	(729,430)
2021 April	2,524,556	927,798	898,288	4,350,642	4,902,343	100.00%	(4,902,343)	(551,700)
2021 May	2,027,742	745,214	721,511	3,494,467	3,937,597	100.00%	(3,937,597)	(443,130)
2021 June	2,704,270	993,845	962,234	4,660,349	5,251,323	100.00%	(5,251,323)	(590,974)
2021 July	3,498,424	1,285,704	1,244,809	6,028,937	6,793,460	100.00%	(6,793,460)	(764,523)
2021 August	3,667,766	1,347,939	1,305,065	6,320,769	7,122,299	100.00%	(7,122,299)	(801,530)
2021 September	3,784,074	1,390,683	1,346,449	6,521,206	7,348,153	100.00%	(7,348,153)	(826,947)
2021 October	2,234,874	821,337	795,213	3,851,424	4,339,819	100.00%	(4,339,819)	(488,395)
2021 November	2,154,912	791,950	766,761	3,713,623	4,184,544	100.00%	(4,184,544)	(470,921)
2021 December	3,411,155	1,253,632	1,213,757	5,878,544	6,623,997	100.00%	(6,623,997)	(745,452)
	<u>37,616,532</u>	<u>13,824,431</u>	<u>13,384,715</u>	<u>64,825,678</u>	<u>73,046,155</u>			<u>(8,220,477)</u>

Note 1: Revenue source - CIM CRY4 reports
 Note 2: Program & Carrying Costs allocated on a weighted average basis based on revenues collected.

	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
2020 tax rate										
						10.00%				
2021 January	(875,302)	23.1330%	(202,484)	(202,484)	(672,818)	0.008333	(2,803)	(2,803)	0.76867	(3,647)
2021 February	(1,807,474)	23.1330%	(215,639)	(418,123)	(1,389,351)	0.008333	(8,592)	(11,396)	0.76867	(14,825)
2021 March	(2,536,904)	23.1330%	(168,739)	(586,862)	(1,950,042)	0.008333	(13,914)	(25,310)	0.76867	(32,927)
2021 April	(3,088,605)	23.1330%	(127,625)	(714,487)	(2,374,118)	0.008333	(18,017)	(43,327)	0.76867	(56,367)
2021 May	(3,531,734)	23.1330%	(102,509)	(816,996)	(2,714,738)	0.008333	(21,204)	(64,531)	0.76867	(83,951)
2021 June	(4,122,708)	23.1330%	(136,710)	(953,706)	(3,169,002)	0.008333	(24,516)	(89,046)	0.76867	(115,845)
2021 July	(4,887,232)	23.1330%	(176,857)	(1,130,563)	(3,756,668)	0.008333	(28,857)	(117,903)	0.76867	(153,386)
2021 August	(5,688,762)	23.1330%	(185,418)	(1,315,981)	(4,372,780)	0.008333	(33,873)	(151,776)	0.76867	(197,453)
2021 September	(6,515,709)	23.1330%	(191,298)	(1,507,279)	(5,008,430)	0.008333	(39,088)	(190,864)	0.76867	(248,305)
2021 October	(7,004,104)	23.1330%	(112,980)	(1,620,259)	(5,383,845)	0.008333	(43,301)	(234,166)	0.76867	(304,637)
2021 November	(7,475,025)	23.1330%	(108,938)	(1,729,197)	(5,745,827)	0.008333	(46,374)	(280,539)	0.76867	(364,967)
2021 December	(8,220,477)	23.1330%	(172,445)	(1,901,643)	(6,318,834)	0.008333	(50,269)	(330,809)	0.76867	(430,365)
Checks			(1,901,643)	(1,901,643)	(1,901,643)		(330,809)			(430,365)
Twelve months return on 2021 Year End Balance					(6,318,834)		(631,883)			(822,048)
Total return on Residential EE& DSM Programs										(1,252,413)

Duke Energy Progress, LLC
Docket No. E-2, Sub 1273
Estimated Return Calculation -Non-Residential DSM Programs Vintage 2021

	Non-Residential DSM Program Costs Incurred	Non-Residential Allocated 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
2021 January	324,268	99,878	424,146	493,720	100.0000%	(493,720)	(69,574)
2021 February	336,391	103,612	440,003	512,178	100.0000%	(512,178)	(72,175)
2021 March	320,750	98,794	419,544	488,363	100.0000%	(488,363)	(68,819)
2021 April	773,318	238,190	1,011,508	1,177,428	100.0000%	(1,177,428)	(165,921)
2021 May	(153,819)	(47,378)	(201,197)	(234,200)	100.0000%	234,200	33,003
2021 June	349,067	107,516	456,583	531,478	100.0000%	(531,478)	(74,895)
2021 July	408,201	125,730	533,931	621,514	100.0000%	(621,514)	(87,582)
2021 August	416,545	128,300	544,845	634,217	100.0000%	(634,217)	(89,372)
2021 September	435,728	134,209	569,936	663,425	100.0000%	(663,425)	(93,488)
2021 October	344,918	106,238	451,156	525,161	100.0000%	(525,161)	(74,005)
2021 November	204,325	62,934	267,259	311,098	100.0000%	(311,098)	(43,839)
2021 December	306,983	94,554	401,537	467,403	100.0000%	(467,403)	(65,865)
	4,066,674	1,252,578	5,319,252	6,191,784		(6,191,784)	(872,533)

Note 1: Revenue source - CIM CRY4 reports

Note 2: Program & Carrying Costs allocated on a weighted average basis based on revenues collected

	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
		2020 tax rate				10.00%			0.76867	
2021 January	(69,574)	23.1330%	(16,095)	(16,095)	(53,479)	0.008333	(223)	(223)	0.76867	(290)
2021 February	(141,749)	23.1330%	(16,696)	(32,791)	(108,958)	0.008333	(677)	(900)	0.76867	(1,170)
2021 March	(210,568)	23.1330%	(15,920)	(48,711)	(161,857)	0.008333	(1,128)	(2,028)	0.76867	(2,638)
2021 April	(376,489)	23.1330%	(38,382)	(87,093)	(289,396)	0.008333	(1,880)	(3,908)	0.76867	(5,084)
2021 May	(343,486)	23.1330%	7,635	(79,459)	(264,027)	0.008333	(2,306)	(6,214)	0.76867	(8,084)
2021 June	(418,380)	23.1330%	(17,325)	(96,784)	(321,596)	0.008333	(2,440)	(8,654)	0.76867	(11,259)
2021 July	(505,963)	23.1330%	(20,260)	(117,044)	(388,918)	0.008333	(2,960)	(11,615)	0.76867	(15,110)
2021 August	(595,335)	23.1330%	(20,675)	(137,719)	(457,616)	0.008333	(3,527)	(15,142)	0.76867	(19,699)
2021 September	(688,824)	23.1330%	(21,627)	(159,346)	(529,478)	0.008333	(4,113)	(19,255)	0.76867	(25,050)
2021 October	(762,828)	23.1330%	(17,119)	(176,465)	(586,363)	0.008333	(4,649)	(23,904)	0.76867	(31,098)
2021 November	(806,667)	23.1330%	(10,141)	(186,606)	(620,061)	0.008333	(5,027)	(28,931)	0.76867	(37,638)
2021 December	(872,533)	23.1330%	(15,237)	(201,843)	(670,690)	0.008333	(5,378)	(34,309)	0.76867	(44,634)
Checks			(201,843)	(201,843)	(201,843)		(34,309)			(44,634)
Twelve months return on 2021 Year End Balance					(670,690)		(67,069)			(87,253)
Total return on Non-Residential DSM										(131,888)

Duke Energy Progress, LLC
Docket No. E-2, Sub 1273
Estimated Return Calculation - Non-Residential EE & DSDR Programs Vintage 2021

		Non-Residential EE Costs Incurred	Non-Residential DSDR 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
2021	January	1,695,409	637,582	2,332,991	1,898,917	100.0000%	(1,898,917)	634,873	100.0000%	(634,873)	(2,533,791)	(200,799)
2021	February	1,971,637	689,761	2,661,398	2,208,302	100.0000%	(2,208,302)	686,831	100.0000%	(686,831)	(2,895,132)	(233,734)
2021	March	1,948,595	657,041	2,605,635	2,182,494	100.0000%	(2,182,494)	654,249	100.0000%	(654,249)	(2,836,743)	(231,108)
2021	April	6,836,606	1,555,267	8,391,874	7,657,237	100.0000%	(7,657,237)	1,548,660	100.0000%	(1,548,660)	(9,205,897)	(814,023)
2021	May	(3,020,375)	(289,105)	(3,309,480)	(3,382,925)	100.0000%	3,382,925	(287,877)	100.0000%	287,877	3,670,802	361,322
2021	June	2,112,617	713,505	2,826,122	2,366,205	100.0000%	(2,366,205)	710,473	100.0000%	(710,473)	(3,076,678)	(250,556)
2021	July	2,419,216	837,518	3,256,734	2,709,606	100.0000%	(2,709,606)	833,960	100.0000%	(833,960)	(3,543,565)	(286,832)
2021	August	2,552,370	854,675	3,407,045	2,858,743	100.0000%	(2,858,743)	851,044	100.0000%	(851,044)	(3,709,787)	(302,742)
2021	September	3,006,149	889,239	3,895,388	3,366,991	100.0000%	(3,366,991)	885,461	100.0000%	(885,461)	(4,252,452)	(357,064)
2021	October	2,020,034	705,353	2,725,387	2,262,508	100.0000%	(2,262,508)	702,356	100.0000%	(702,356)	(2,964,864)	(239,478)
2021	November	739,776	427,962	1,167,739	828,575	100.0000%	(828,575)	426,144	100.0000%	(426,144)	(1,254,719)	(86,981)
2021	December	1,689,387	640,190	2,329,577	1,892,172	100.0000%	(1,892,172)	637,470	100.0000%	(637,470)	(2,529,642)	(200,065)
		23,971,421	8,318,988	32,290,409	26,848,824		(26,848,824)	8,283,645		(8,283,645)	(35,132,469)	(2,842,060)

Note 1: Revenue source - CIM CRY4 reports

Note 2: Program & Carrying Costs allocated on a weighted average basis based on revenues collected.

		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
			2020 tax rate				10.00%			0.76867	
2021	January	(200,799)	23.1330%	(46,451)	(46,451)	(154,348)	0.008333	(643)	(643)	0.76867	(837)
2021	February	(434,534)	23.1330%	(54,070)	(100,521)	(334,013)	0.008333	(2,035)	(2,678)	0.76867	(3,484)
2021	March	(665,641)	23.1330%	(53,462)	(153,983)	(511,659)	0.008333	(3,524)	(6,202)	0.76867	(8,068)
2021	April	(1,479,664)	23.1330%	(188,308)	(342,291)	(1,137,373)	0.008333	(6,871)	(13,073)	0.76867	(17,007)
2021	May	(1,118,342)	23.1330%	83,585	(258,706)	(859,636)	0.008333	(8,321)	(21,393)	0.76867	(27,832)
2021	June	(1,368,899)	23.1330%	(57,961)	(316,667)	(1,052,231)	0.008333	(7,966)	(29,360)	0.76867	(38,195)
2021	July	(1,655,730)	23.1330%	(66,353)	(383,020)	(1,272,710)	0.008333	(9,687)	(39,047)	0.76867	(50,798)
2021	August	(1,958,472)	23.1330%	(70,033)	(453,053)	(1,505,419)	0.008333	(11,576)	(50,622)	0.76867	(65,857)
2021	September	(2,315,537)	23.1330%	(82,600)	(535,653)	(1,779,883)	0.008333	(13,689)	(64,311)	0.76867	(83,665)
2021	October	(2,555,014)	23.1330%	(55,398)	(591,051)	(1,963,963)	0.008333	(15,599)	(79,910)	0.76867	(103,959)
2021	November	(2,641,995)	23.1330%	(20,121)	(611,173)	(2,030,822)	0.008333	(16,645)	(96,555)	0.76867	(125,614)
2021	December	(2,842,060)	23.1330%	(46,281)	(657,454)	(2,184,606)	0.008333	(17,564)	(114,120)	0.76867	(148,464)
2021	Checks			(657,454)	(657,454)	(657,454)		(114,120)			(148,464)
						Twelve months return on 2021 Year End Balance	(2,184,606)	(218,461)			(284,206)
						Total return on Non-Residential EE programs					(432,670)

Duke Energy Progress, LLC
Docket No. E-2, Sub 1273
Estimated Return Calculation -Lighting DSDR Programs Vintage 2021

		Lighting DSDR Program Costs Incurred	Lighting Allocated Carrying Costs & A&G	Total Program Costs Incurred	NC Lighting Revenue Collected	NC Lighting Program Collection %	Lighting Program Costs Revenue Collected	(Over)/Under Collection
2021	January	23,087	1,651	24,738	23,396	100.0000%	(23,396)	1,342
2021	February	25,362	1,813	27,175	25,701	100.0000%	(25,701)	1,474
2021	March	26,408	1,888	28,296	26,761	100.0000%	(26,761)	1,535
2021	April	20,230	1,446	21,676	20,501	100.0000%	(20,501)	1,176
2021	May	20,126	1,439	21,565	20,395	100.0000%	(20,395)	1,170
2021	June	25,339	1,812	27,150	25,678	100.0000%	(25,678)	1,473
2021	July	25,318	1,810	27,128	25,657	100.0000%	(25,657)	1,471
2021	August	25,291	1,808	27,099	25,630	100.0000%	(25,630)	1,470
2021	September	25,313	1,810	27,123	25,652	100.0000%	(25,652)	1,471
2021	October	25,393	1,816	27,209	25,733	100.0000%	(25,733)	1,476
2021	November	12,161	870	13,031	12,324	100.0000%	(12,324)	707
2021	December	20,253	1,448	21,701	20,524	100.0000%	(20,524)	1,177
		274,281	19,611	293,891	277,950		(277,950)	15,941

Note 1: Revenue source - CIM CRY4 reports

Note 2: Program & Carrying Costs allocated on a weighted average basis based on revenues collected

		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
			2020 tax rate				10.00%			0.76867	
2021	January	1,342	23.1330%	310	310	1,031	0.008333	4	4	0.76867	6
2021	February	2,816	23.1330%	341	651	2,164	0.008333	13	18	0.76867	23
2021	March	4,351	23.1330%	355	1,006	3,344	0.008333	23	41	0.76867	53
2021	April	5,526	23.1330%	272	1,278	4,248	0.008333	32	72	0.76867	94
2021	May	6,696	23.1330%	271	1,549	5,147	0.008333	39	111	0.76867	145
2021	June	8,169	23.1330%	341	1,890	6,279	0.008333	48	159	0.76867	207
2021	July	9,640	23.1330%	340	2,230	7,410	0.008333	57	216	0.76867	281
2021	August	11,110	23.1330%	340	2,570	8,540	0.008333	66	282	0.76867	367
2021	September	12,581	23.1330%	340	2,910	9,671	0.008333	76	358	0.76867	466
2021	October	14,057	23.1330%	341	3,252	10,805	0.008333	85	444	0.76867	577
2021	November	14,764	23.1330%	164	3,415	11,349	0.008333	92	536	0.76867	697
2021	December	15,941	23.1330%	272	3,688	12,253	0.008333	98	634	0.76867	825
Checks				3,688	3,688	3,688		634			825
Twelve months return on 2021 Year End Balance						12,253		1,225			1,594
Total return on DSDR Lighting											2,419

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
2021 Actual Revenues

Rate Period	DSM	DSDR	EE	Total
Residential	\$ 20,240,051	\$ 15,584,291	\$ 69,399,662	\$ 105,224,004
General Service	6,365,706	8,283,645	50,277,686	64,927,037
Lighting		277,950		277,950
Total	<u>\$ 26,605,757</u>	<u>\$ 24,145,887</u>	<u>\$ 119,677,348</u>	<u>\$ 170,428,991</u>
EMF				
Residential	\$ (458,777)	\$ (2,390,727)	\$ 4,351,950	\$ 1,502,446
General Service	(893,031)	(1,583,910)	4,916,488	2,439,547
Lighting		(25,762)		(25,762)
Total	<u>\$ (1,351,808)</u>	<u>\$ (4,000,399)</u>	<u>\$ 9,268,438</u>	<u>\$ 3,916,231</u>

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Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Allocation Factor For Year 2018
Allocation Factors from 2018 Filed Cost of Service Study

		<u>MWh</u>			
Sales Allocator at Generation					
1	NC Retail MWh Sales Allocation	Company Records	38,153,842		
2	SC Retail MWh Sales Allocation	Company Records	6,438,789		
3	Total Retail	Line 1 + Line 2	44,592,631		
Allocation 1 to state based on kWh sales					
4	NC Retail	Line 1 / Line 3	85.5608674%		
Demand Allocators (kW)			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	3,699,632	487,425	4,187,058
6	Non Residential	Company Records	3,915,717	698,002	4,613,719
7	Total	Line 5 + Line 6	7,615,350	1,185,427	8,800,777
Allocation 2 to state based on peak demand					
8	NC Retail	Line 7, NC / Line 7 Total	86.5304240%		
Allocation 3 NC res vs non-res Peak Demand to retail system peak					
9	NC Residential	Line 5 NC/ Line 7 Total	42.0375642%		
10	NC Non-residential	Line 6 NC/ Line 7 Total	44.4928598%		
Allocation 4 NC res vs non-res Peak Demand					
11	NC Residential	Line 5 NC / Line 7 NC	48.5812530%		
12	NC Non-residential	Line 6 NC / Line 7 NC	51.4187470%		

NOTE: These allocation factors are used for Vintage 2018 based on the Cost of Service Study filed in April 2018.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Allocation Factor For Year 2019
Allocation Factors from 2019 Filed Cost of Service Study

		<u>MWh</u>			
Sales Allocator at Generation					
Line 1	NC Retail MWh Sales Allocation	Company Records	40,300,849		
Line 2	SC Retail MWh Sales Allocation	Company Records	6,761,081		
Line 3	Total Retail	Line 1 + Line 2	47,061,930		
Allocation 1 to state based on kWh sales					
Line 4	NC Retail	Line 1 / Line 3	85.6336514%		
Demand Allocators (kW)					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
Line 5	Residential	Company Records	3,850,873	500,552	4,351,425
Line 6	Non Residential	Company Records	3,913,139	691,398	4,604,537
Line 7	Total	Line 5 + Line 6	7,764,011	1,191,950	8,955,962
Allocation 2 to state based on peak demand					
Line 8	NC Retail	Line 7, NC / Line 7 Total	86.6909847%		
Allocation 3 NC res vs non-res Peak Demand to retail system peak					
Line 9	NC Residential	Line 5 NC / Line 7 Total	42.9978695%		
Line 10	NC Non-residential	Line 6 NC / Line 7 Total	43.6931152%		
Allocation 4 NC res vs non-res Peak Demand					
Line 11	NC Residential	Line 5 NC / Line 7 NC	49.5990092%		
Line 12	NC Non-residential	Line 6 NC / Line 7 NC	50.4009908%		

NOTE: These allocation factors are used for vintages 2019 based on the filed Cost of Service Study (April 2019).

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Allocation Factor For Year 2020
Allocation Factors from 2020 Filed Cost of Service Study

		<u>MWh</u>			
Sales Allocator at Generation					
1	NC Retail MWh Sales Allocation	Company Records	39,155,637		
2	SC Retail MWh Sales Allocation	Company Records	6,495,541		
3	Total Retail	Line 1 + Line 2	45,651,178		
Allocation 1 to state based on kWh sales					
4	NC Retail	Line 1 / Line 3	85.7713615%		
Demand Allocators (kW)					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	3,632,210	478,603	4,110,813
6	Non Residential	Company Records	3,933,899	718,509	4,652,408
7	Total	Line 5 + Line 6	7,566,109	1,197,112	8,763,221
Allocation 2 to state based on peak demand					
8	NC Retail	Line 7, NC / Line 7 Total	86.3393647%		
Allocation 3 NC res vs non-res Peak Demand to retail system peak					
9	NC Residential	Line 5 NC/ Line 7 Total	41.4483435%		
10	NC Non-residential	Line 6 NC/ Line 7 Total	44.8910211%		
Allocation 4 NC res vs non-res Peak Demand					
11	NC Residential	Line 5 NC / Line 7 NC	48.0063105%		
12	NC Non-residential	Line 6 NC / Line 7 NC	51.9936895%		

NOTE: These allocation factors are used for vintages 2020-2021 based on the most recently filed Cost of Service Study (May 2020).

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Allocation Factor For Year 2021
Allocation Factors from 2021 Filed Cost of Service Study

		<u>MWh</u>			
Sales Allocator at Generation					
1	NC Retail MWh Sales Allocation	Company Records	37,452,804		
2	SC Retail MWh Sales Allocation	Company Records	6,127,594		
3	Total Retail	Line 1 + Line 2	43,580,397		
Allocation 1 to state based on kWh sales					
4	NC Retail	Line 1 / Line 3	85.9395647%		
Demand Allocators (kW)					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	3,877,909	495,826	4,373,734
6	Non Residential	Company Records	3,918,308	682,909	4,601,217
7	Total	Line 5 + Line 6	7,796,217	1,178,735	8,974,952
Allocation 2 to state based on peak demand					
8	NC Retail	Line 7, NC / Line 7 Total	86.8663950%		
Allocation 3 NC res vs non-res Peak Demand to retail system peak					
9	NC Residential	Line 5 NC/ Line 7 Total	43.2081296%		
10	NC Non-residential	Line 6 NC/ Line 7 Total	43.6582654%		
Allocation 4 NC res vs non-res Peak Demand					
11	NC Residential	Line 5 NC / Line 7 NC	49.7409033%		
12	NC Non-residential	Line 6 NC / Line 7 NC	50.2590967%		

NOTE: These allocation factors are used for vintages 2021-2022 based on the most recently filed Cost of Service Study (May 2021).

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Allocation Factor For Year 2021
Estimated Allocation Factor for Year 2023
Allocation Factors from 2022 Filed Cost of Service Study

		<u>MWh</u>			
Sales Allocator at Generation					
Line 1	NC Retail MWh Sales Allocation	Company Records	39,070,842		
Line 2	SC Retail MWh Sales Allocation	Company Records	6,241,865		
Line 3	Total Retail	Line 1 + Line 2	45,312,706		
Allocation 1 to state based on kWh sales					
Line 4	NC Retail	Line 1 / Line 3	86.2249134%		
Demand Allocators (kW)					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
Line 5	Residential	Company Records	4,079,577	481,703	4,561,279
Line 6	Non Residential	Company Records	3,657,793	637,680	4,295,473
Line 7	Total	Line 5 + Line 6	7,737,369	1,119,383	8,856,752
Allocation 2 to state based on peak demand					
Line 8	NC Retail	Line 7, NC / Line 7 Total	87.3612508%		
Allocation 3 NC res vs non-res Peak Demand to retail system peak					
Line 9	NC Residential	Line 5 NC / Line 7 Total	46.0617676%		
Line 10	NC Non-residential	Line 6 NC / Line 7 Total	41.2994832%		
Allocation 4 NC res vs non-res Peak Demand					
Line 11	NC Residential	Line 5 NC / Line 7 NC	52.7256275%		
Line 12	NC Non-residential	Line 6 NC / Line 7 NC	47.2743725%		

NOTE: These allocation factors are used for vintages 2022-2023 based on the most recently filed Cost of Service Study (April 2022).

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Energy Allocation Factors - Applicable to EE Program Costs

North Carolina Rate Class Energy Allocation Factors

Rate Class	Total NC Rate Class Sales (MWh) ⁽¹⁾	Opt-Out Sales ⁽²⁾	Adjusted NC Rate Class MWh Sales	Rate Class Energy Allocation Factor
	(1)	(2)	(3) = (1) - (2)	(4) = (3) / NC Total in Column 3
Residential	16,671,099	-	16,671,099	60.85%
General Service	21,325,009	(10,963,438)	10,361,571	37.82%
Lighting	378,919	(12,868)	366,051	1.34%
NC Retail	38,375,028	(10,976,306)	27,398,722	100.00%

NOTES:

- (1) Total NC Rate Class Sales (MWh) are for the forecasted year ending December 2023.
(2) Opt-Out sales are provided in Listebarger Exhibit 6. Since sales are not forecasted by individual customer, historic opt-out sales are assumed to be unchanged during the rate recovery period.

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1294
Demand Allocation Factors - Applicable to DSM Programs

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North Carolina Rate Class Demand Allocation Factors

Rate Class	Total NC Rate Class Sales ⁽¹⁾ (1)	Sales Subject to Opt-Out ⁽²⁾ (2)	Rate Class Demand ⁽³⁾ (3)	Revised Rate Class Demand (4) = ((1 - 2) / 1) * 3	Rate Class Allocation Factor (5) = (4)/Total of Column 4
Residential	16,671,099	-	3,877,909	3,877,909	67.06%
General Service	21,325,009	(10,959,873)	3,918,308	1,904,515	32.94%
Lighting	378,919	(13,205)	0	0	0.00%
NC Retail	38,375,028	(10,973,078)	7,796,217	5,782,424	100.00%

NOTES:

- (1) Total NC Rate Class Sales (MWh) are for the forecasted year ended December 2023.
- (2) Opt-Out sales are provided in Listebarger Exhibit 6. Since sales are not forecasted by individual customer, historic opt-out sales are assumed to be unchanged during the rate recovery period.
- (3) The Coincident Peak ("CP") demands are based on the 2021 CP occurring on August 12 during the hour ended at 1700 EDT.

DUKE ENERGY PROGRESS, LLC
 Docket No. E-2, Sub 1294
 Determination of Lighting Allocation Factors

January through December 2021

		Bulb %s	Allocation Factors
1	Residential	81.70% <i>Per M&V</i>	89.19% <i>Lines 1 / (1 + 2)</i>
2	General Service	9.90% <i>Per M&V</i>	10.81% <i>Lines 2 / (1 + 2)</i>
3	Leakage	<u>8.40%</u> <i>Per M&V</i>	<u>0.00%</u> <i>-NA-</i>
4	Totals	100.00% Σ <i>Lines 1 thru 3</i>	100.00% Σ <i>Lines 1 thru 3</i>

Duke Energy Progress, LLC
Docket No. E-2, Sub 1294
Forecasted 2023 kWh Sales

Spring 2023 Sales Forecast - kWh		Total 2023		
North Carolina Retail:				
Line				
1	Residential	16,671,099,362		
2	Non-Residential	21,325,008,902		
3	Lighting	378,919,250		
4	Total Retail	<u>38,375,027,514</u>		
Non-Residential		Gross kWh	Opt-outs	Net kWh
5	Energy Efficiency	21,325,008,902	(10,963,438,029)	10,361,570,874
6	DSM	21,325,008,902	(10,959,872,781)	10,365,136,121
7	Lighting - EE	378,919,250	(12,867,969)	366,051,281
8	Lighting - DSM	378,919,250	(13,205,076)	365,714,174

¹ Actual Opt-Out volumes for the twelve-months ending December 31, 2021.

