Listebarger Exhibit 1

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Summary of 2021 DSM/EE Rates

	Source:	cents/kWh Rate	Pog Foo	Pilling Pata
Residential Rate	Source.	<u> </u>	Reg Fee	Billing Rate
EMF Rate - DSM	Listebarger Exhibit 2, page 5	0.001	0.000	0.001
EMF Rate - EE	Listebarger Exhibit 2, page 4	0.056	0.000	0.056
Projected Rate - DSM	Listebarger Exhibit 2, page 2	0.114	0.000	0.114
Projected Rate - EE	Listebarger Exhibit 2, page 1	0.549	0.001	0.550
Total Residential Rate		0.720		0.721
General Service				
EE EMF Rate	Listebarger Exhibit 2, page 4	0.040	0.000	0.040
EE Projected Rate	Listebarger Exhibit 2, page 1	0.637	0.001	0.638
Total General Service EE Rate		0.677		0.678
DSM EMF Rate	Listebarger Exhibit 2, page 5	-0.008	0.000	-0.008
DSM Projected Rate	Listebarger Exhibit 2, page 2	0.061	0.000	0.061
Total General Service DSM Rate		0.053		0.053
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	0.119	0.000	0.119
Total Lighting EE Rate		0.124		0.124

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273 Energy Efficiency Rate Derivation

						EE		enue Requirer	nents	3			
NC Rate Class	Adjusted NC Rate Class kWh Sales ⁽¹⁾	Rate Class Energy Allocation Factor ⁽²⁾	Residential Programs ⁽³⁾	CIG	G Programs ⁽⁴⁾	DSDR ⁽⁵⁾	All	Non-DSDR located A&G nd Carrying Costs ⁽⁶⁾		DR Allocated A&G and rrying Costs ⁽⁷⁾	All	Total of ocated Costs	Total EE Rate
	(1)	(2)	 (3)		(4)	(5)		(6)		(7)	(8	3) = Σ (3 thru 7)	(9) = (8) / (1)
Residential	16,576,122,049	62.52%	\$ 63,245,421	\$	-	\$ 3,408,568	\$	7,926,723	\$	16,380,531	\$	90,961,243	0.549
General Service	9,578,145,621	36.12%	\$ -	\$	44,084,752	\$ 1,969,565	\$	5,488,633	\$	9,465,128	\$	61,008,078	0.637
Lighting	360,847,443	1.36%	\$ -	\$	-	\$ 74,201	\$	-	\$	356,590	\$	430,791	0.119
NC Retail	26,515,115,113	100%	\$ 63,245,421	\$	44,084,752	\$ 5,452,335	\$	13,415,355	\$	26,202,248	\$	152,400,111	

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 5, 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).

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273 Demand-Side Management Rate Derivation

DSM Revenue Requirements

					DSIVI Revenue r	Requirements		
NC Rate Class	Adjusted NC Rate Class kWh Sales ⁽¹⁾	Rate Class Demand Allocation Factor ⁽²⁾ (2)	EnergyWise Program Costs ⁽³⁾	CIG DR Program (4) (4)	Allocated A&G Costs ⁽⁵⁾ (5)	Allocated Carrying Costs ⁽⁵⁾	Total of Allocated Costs (7) = Σ (3 thru 6)	Total DSM Rate (8) = (7) / (1)
Residential	16,576,122,049	68.84%	\$ 15,249,279	\$ -	\$ 844,263	\$ 2,850,869	\$ 18,944,411	0.114
General Service	9,552,012,298	31.16%	\$ -	\$ 4,391,128	\$ 331,527	\$ 1,119,484	\$ 5,842,139	0.061
Lighting	360,212,520	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	-
NC Retail	26,488,346,867	100.00%	\$ 15,249,279	\$ 4,391,128	\$ 1,175,790	\$ 3,970,353	\$ 24,786,549	

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 6, 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).

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273

Rate Period Revenue Requirement Summary - NC Level January 2022 - December 2022

									NORTH CARC	LINA JURISDIO	TIONALLY ALLO	OCATED RETA	AIL COSTS ONLY	1					
											Income Taxes	DSDR			Income Taxes	Rev Reqmt		Program	
			0011		A&G			Amortization of			on DSDR	Property		Carrying Costs		Before PPI &	Net Lost Revenue		Rev Reqmt With
			0&M (1)	Insurance (2)	Expense (3)	and A&G (4)	Capitalized O&IVI (5)	Capitalized A&G (6)	Amortization	(10)	Capital Costs (11)	Taxes (12)	Depreciation (13)	Net of Taxes (14)	(15)	NLR (16)	Recoupment (17)	Incentive (18)	PPI & NLR (19)
			(1)	(2)	(5)	ΣCols(1)thru(3)	((1)+(2))/10 or 5 or 3	(3)/3		(10)	(11)	(12)	(13)	(14)	(13)	ΣCols(5)thru(15)	(17)	(10)	ΣCols(16)thru(18)
	NC DSM Program Expenses																		
1	CIG DR	Per Forecast	1,754,390		-	1,754,390	584,797	-	1,406,284							1,991,081		263,724	2,254,804
2	EnergyWise	Per Forecast	10,645,101		-	10,645,101	1,064,510	-	9,932,548							10,997,058		4,252,220	15,249,279
3	EnergyWise for Business	Per Forecast	2,522,669		-	2,522,669	840,890	-	1,486,373							2,327,263	29,532	(220,471)	2,136,324
4	Total DSM	Σ Lines 1 thru 2	14,922,160	-	-	14,922,160	2,490,197	-	12,825,205	-	-	-	-	-	-	15,315,402	29,532	4,295,473	19,640,407
5	DSM Assigned A&G and CCost	Per Forecast			1,273,332	1,273,332		424,445	751,345					3,258,608	711,745	5,146,143			5,146,143
6	Total DSM and Assigned Costs	Σ Lines 4 thru 5	14,922,160		1,273,332	16,195,492	2,490,197	424,445	13,576,550					3,258,608	711,745	20,461,545	29,532	4,295,473	24,786,549
	NC EE Program Expenses												`						
7	Res Home Advantage	Per Forecast	-			-	-	-	17,926							17,926	-	517	18,443
8	Residential Smart \$aver/Home End		2,836,474			2,836,474	283,647	-	4,437,766							4,721,413	941,657	(33,910)	
9	Neighborhood Energy Saver/Weat		2,632,146			2,632,146	263,215	-	1,271,797							1,535,012	335,971	235,924	2,106,907
10		Per Forecast	-			-	-	-	-							-		-	-
11		Per Forecast (allocated)	4,368,050			4,368,050	873,610	-	5,068,591							5,942,201	2,097,968	2,546,988	10,587,157
12		Per Forecast				-	-	-	322,281							322,281		31,968	354,249
13		Per Forecast	5,621,998			5,621,998	5,621,998	-	-							5,621,998	9,262,304	332,908	15,217,210
14		Per Forecast	13,011,253			13,011,253	1,301,125	-	8,195,331							9,496,456	3,082,444	809,645	13,388,544
15	'	Per Forecast	1,653,453			1,653,453	330,691	-	1,343,970							1,674,661	1,538,764	394,652	3,608,077
16 17			1,087,376			1,087,376	217,475	-	465,923							683,398	446,543	168,500	1,298,440
			4,323,640			4,323,640	864,728	-	954,459							1,819,187	3,748,547 1,824,710	1,030,914 364,347	6,598,648
18 19	• • • • • • • • • • • • • • • • • • • •	Per Forecast	3,014,793			3,014,793	602,959	-	1,646,582							2,249,541	1,824,710	364,347	4,438,598
20		Per Forecast Σ Lines 7 thru 19	38,549,183			38,549,183	10,359,448		23,724,627							34,084,075	23,278,894	5,882,452	(12) 63,245,421
20	Subtotal-Residential	2 Lines / thru 19	36,349,163		-	36,349,163	10,339,448	-	23,724,027					-	-	34,064,073	23,278,694	3,002,432	03,243,421
21	CIG Energy Efficiency	Per Forecast	0					_	1,850,729							1,850,729			1,850,729
22		Per Forecast (allocated)	529,416			529,416	105,883	_	614,203							720,086	412,165	943,798	2,076,049
23		Per Forecast	525,120			525,420	-		-							-	112,103	313,730	-
24	,	Per Forecast	11,031,922			11,031,922	3,677,308		5,492,914							9,170,222	6,841,558	4,174,035	20,185,814
25	· ·	Per Forecast	3,961,123			3,961,123	1,320,374		2,001,612							3,321,986	1,812,086	640,148	5,774,221
26			208,003			208,003	69,334		148,616							217,950	362,845	96,968	677,764
27		Per Forecast	8,868,395			8,868,395	2,956,132	_	5,363,439							8,319,571	3,703,150	1,519,614	13,542,336
28	Business Energy Report	Per Forecast						-											
29	General Service Found Revenue	Per Forecast														-	(22,160)		(22,160)
		•																	<u>.</u>
	Subtotal-General Service	Σ Lines 21 thru 29	24,598,859	-	-	24,598,859	8,129,031	-	15,471,513	-	-	-	-	-	-	23,600,544	13,109,644	7,374,563	44,084,752
30	Total of EE Programs	Σ Lines 20 + 29	63,148,042		-	63,148,042	18,488,479	-	39,196,140					-	-	57,684,619	36,388,539	13,257,015	107,330,173
31	EE Assigned A&G and CCost	Per Forecast			5,618,202	5,618,202		1,872,734	2,430,075					7,478,987	1,633,559	13,415,355			13,415,355
32	Total EE and Assigned Costs	Lines 30 + 31	63,148,042		5,618,202	68,766,245	18,488,479	1,872,734	41,626,215					7,478,987	1,633,559	71,099,974	36,388,539	13,257,015	120,745,529
	NC DSDR Program Expenses																		
33	•	Per Forecast	4,414,974	712,082		5,127,056	512,706	-	4,939,629							5,452,335	-	-	5,452,335
34	•	Per Forecast				-		-	-	11,173,004	2,709,102	674,033	9,982,628	1,364,708	298,773	26,202,248			26,202,248
35	,	Per DSDR Summary analysis														-			
36	Total DSDR and Assigned Costs	Σ Lines 33 thru 34	4,414,974	712,082	-	5,127,056	512,706	-	4,939,629	11,173,004	2,709,102	674,033	9,982,628	1,364,708	298,773	31,654,583	-	-	31,654,583
37	Rate Period Totals	Lines 6 + 32 + 36	82,485,176	712,082	6,891,535	90,088,793	21,491,382	2,297,179	60,142,393	11,173,004	2,709,102	674,033	9,982,628	12,102,303	2,644,076	123,216,102	36,418,070	17,552,489	177,186,661

^{*}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 5 year period. My Home Energy Report is recoverable over a 1 year period. All other Residential EE programs are recoverable over 10 years.

DUKE ENERGY PROGRESS, LLC

Docket No. E-2, Sub 1273

Energy Efficiency Experience Modification Factor Rate Derivation

EE EMF Revenue Requirement Rate Class Non-DSDR **DSDR** Adjusted NC Rate Energy Allocated A&G Allocated A&G Less: Prior Adjusted EE Total EE Class kWh Sales Allocation Residential CIG and Carrying and Carrying Period EE Rate Total of **EMF** Revenue **EMF Rate** Factor (2) Programs⁽³⁾ Programs⁽⁴⁾ DSDR (5) Costs⁽⁶⁾ Costs⁽⁵⁾ Adjustment⁽⁷⁾ **Allocated Costs** (cents/kWh) NC Rate Class Requirement (1) $(8) = \Sigma (3 \text{ thru } 7)$ (11) = (10) / (1) (2) Residential 16.576.122.049 62.52% \$0 \$ 63,753,433 \$ 12,582,268 \$ 7,451,032 918,646 \$ 84,705,379 \$ 75,503,707 \$ 9,201,672 0.056 General Service 9,578,145,621 36.12% \$0 \$ 44,616,173 \$ 7,270,385 \$ 4,712,221 530,819 \$ 57,129,598 53,278,068 3,851,530 0.040 \$ \$0 \$0 0.005 360,847,443 1.36% 273,905 19,998 293,903 274,954 Lighting 18,949 NC Retail 26,515,115,113 100.00% \$ 63,753,433 \$ 44,616,173 \$ 20,126,558 \$ 12,163,252 1,469,463 \$ 142,128,880 \$ 129,056,729 \$ 13,072,151

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 5, 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.

DUKE ENERGY PROGRESS,LLC

Docket No. E-2, Sub 1273

Demand-Side Management Experience Modification Factor Rate Derivation

			DSM EMF Reven	l				DSM	I EMF Reven	ue R	equirement				
NC Rate Class	Adjusted NC Rate Class kWh Sales	Rate Class Demand Allocation Factor ⁽²⁾	Allocated DSDR Program Costs	EnergyWise Program Costs ⁽³⁾	CIG DR Program ⁽⁴⁾	All	ocated A&G Costs ⁽⁵⁾		Allocated Carrying Costs ⁽⁵⁾	All	Total of ocated Costs	Less: Prior Period DSM Rate Adjustment ⁽⁶	EN	justed DSM IF Revenue equirement	Total DSM EMF Rate (cents/kWh)
	(1)	(2)	(3)	(3)	(4)		(5)		(6)	(7	') = Σ (3 thru 6)	(8)		(9)=(7)-(8)	(10) = (9) / (1)
Residential	16,576,122,049	68.84%	\$0	\$ 15,482,558	\$ -	\$	668,256	\$	2,673,186	\$	18,823,999	\$ 18,579,285	5 \$	244,714	0.001
General Service	9,552,012,298	31.16%	\$0	\$ -	\$ 4,022,142	\$	250,192		1,000,829	\$	5,273,163	\$ 6,038,059	9 \$	(764,895)	(800.0)
Lighting	360,212,520	0.00%	\$0	\$ -	\$ -	\$	-	\$	-	\$		\$ -	\$	-	-
NC Retail	26,488,346,867	100%	\$0	\$ 15,482,558	\$ 4,022,142	\$	918,448	\$	3,674,015	\$	24,097,162	\$ 24,617,344	1 \$	(520,181)	
	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 6, 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.

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273

EMF Period Revenue Requirement Summary - NC Level January 2020 - December 2020

		O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M		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	1,501,957			1,501,957	500,652	-	1,592,919					-	-	2,093,571		256,702	2,350,273
2	EnergyWise	11,625,907			11,625,907	1,162,591	-	9,043,633					-	-	10,206,224		5,276,333	15,482,558
3	EnergyWise for Business	1,465,227			1,465,227	488,409		1,239,186					_		1,727,595	67,077	(122,803)	1,671,869
4	Total DSM	14,593,091			14,593,091	2,151,652	-	11,875,738					-	-	14,027,391	67,077	5,410,232	19,504,700
5	DSM Assigned A&G and CCost	-		1,189,929	1,189,929	0.454.650	396,643	521,805					3,014,136	659,879	4,592,463			4,592,463
6	Total DSM and Assigned Costs	14,593,091		1,189,929	15,783,020	2,151,652	396,643	12,397,543					3,014,136	659,879	18,619,853	67,077	5,410,232	24,097,162
	NC EE Program Expenses											•						
7	Residential Home Advantage	-			-	-	-	224,324						-	224,324	-	140,907	365,231
8	Residential Smart \$aver/Home Energy Impro	5,249,930			5,249,930	524,993		4,587,643						-	5,112,636	939,237	227,693	6,279,566
9	Neighborhood Energy Saver/Weatherization	321,648			321,648	32,165		1,407,709						-	1,439,874	218,847	-	1,658,721
10	Solar Hot Water Pilot	-			-	-		15,912						-	15,912	-	-	15,912
11	EE Lighting (Res)*	4,887,760			4,887,760	977,552		8,466,701						-	9,444,253	3,451,495	4,249,585	17,145,334
12	, ,	-			-	-		550,144					-	-	550,144	2,348,711	91,207	2,990,061
13	, ,,	5,922,407			5,922,407	5,922,407		-						-	5,922,407	9,317,886	355,484	15,595,776
14		15,125,754			15,125,754	1,512,575		5,420,737						-	6,933,312	2,279,593	704,807	9,917,712
15	Home Depot CFL	-			-	-	-	-						-	-	-	-	-
16	0,	311,456			311,456	62,291		524,566							586,857	286,666	-	873,523
17	Save Energy & Water Kits	1,775,894			1,775,894	355,179		586,962							942,141	-	1,283,005	2,225,146
18	Residential Energy Assessments	1,774,101			1,774,101	354,820		1,182,001							1,536,821	925,674	358,285	2,820,780
19	Multi-Family	716,655			716,655	143,331		1,605,072							1,748,403	1,584,081	538,755	3,871,239
20	Found Revenue															(5,569)		(5,569)
21	Subtotal-Residential	36,085,606			36,085,606	9,885,313	-	24,571,771	-	-	-	-		-	34,457,084	21,346,621	7,949,729	63,753,433
22	CIG Energy Efficiency				_	_		3,262,526							3,262,526			3,262,526
23	,	592,274			592,274	118,455		1,026,881							1,145,336	731,665	1,509,366	3,386,367
24	,	332,274			332,274	110,433		1,020,881							1,143,330	731,003	1,305,300	3,380,307
25	,	6,210,114			6,210,114	2,070,038		5,332,093							7,402,131	6,646,957	6,596,738	20,645,825
26	·	2,626,137			2,626,137	875,379		1,264,161							2,139,540	1,311,985	746,352	4,197,877
27	Smart Saver Performance Incentive	184,423			184,423	61,474		127,151							188,625	135,338	68,688	392,651
25		3,809,900			3,809,900	1,269,967		6,383,405						_	7,653,372	3,493,751	1,662,323	12,809,447
28	•	-			3,003,300	-		-								-	-	-
29	Found Revenue															(78.520)		(78,520)
30		13,422,848			13,422,848	4,395,313	-	17,396,217		-	-		-	-	21,791,530	12,241,176	10,583,467	44,616,173
													_					
31	Total of EE Programs	49,508,454			49,508,454	14,280,626	-	41,967,988					-	-	56,248,614	33,587,797	18,533,196	108,369,607
32	EE Assigned A&G and CCost	-		3,784,831	3,784,831		1,261,610	1,965,374					7,331,252	1,605,016	12,163,252			12,163,252
33	Total EE and Assigned Costs	49,508,454		3,784,831	53,293,285	14,280,626	1,261,610	43,933,361					7,331,252	1,605,016	68,411,866	33,587,797	18,533,196	120,532,859
	NC DSDR Program Expenses																	
34	DSDR Program	4,079,423	806.948		4,886,370	488.637	_	4,843,364	7,133,285	1,576,055	726,281	5.358.937			20,126,558	_		20,126,558
35	_	.,,123	222,340		.,,	,057		-	.,,	_,,,,,,	,	_,,,			-			-
36	•	-		_	-		-	-					1,205,537	263,926	1,469,463			1,469,463
	Total DSDR and Assigned Costs	4,079,423	806,948	-	4,886,370	488,637	-	4,843,364	7,133,285	1,576,055	726,281	5,358,937		263,926	21,596,021	-	-	21,596,021
38	Test Period Totals	68,180,968	806,948	4,974,760	73,962,676	16,920,915	1,658,253	61,174,269	7,133,285	1,576,055	726,281	5,358,937	11,550,926	2,528,820	108,627,740	33,654,874	23,943,428	166,226,042
		,,,,	,.	,. ,	.,,	-,,	,,===	. , ,	, ,	,,	-,	.,,	,,,,	,,		,,	-,,	, -,

^{*}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.

DUKE ENERGY PROGRESS. LLC

Docket No. E-2, Sub 1273 EMF Adjustment Summary January 2020 - December 2020

			Residen	tial			General Service	е			Ligh	ting		Totals		ls	
Line	Description	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total
	eriod DSM/EE Rate Billings ¹ nounts from Listebarger Exhibit 4	\$ 18,632,5	590 \$ 13,157,554 \$	63,302,627	\$ 95,092,771 \$	5,940,410 \$	7,243,328 \$	46,248,475	59,432,213	\$ -	\$ 277,433	\$ -	\$ 277,433 \$	24,573,000 \$	20,678,315 \$	109,551,102 \$	154,802,417
2 Less: U	Incollectible 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 o	or (Under) collection of Uncollectibles ³	(53,3	305) (20,093)	(170,956)	(244,354)	(1,466)	(1,238)	(18,140)	(20,844)	-	-	-	-	(54,771)	(21,331)	(189,096)	(265,198)
	p of Vintage 2019 PPI ⁴ nounts from Summary (2019) - Exhibit		-	14,713	14,713	-		-	=			-	-	-	-	14,713	14,713
	p of Vintage 2017 Lost Revenue through Year 2019 nounts from Evans Exhibit 2 pages 4-7	5		(0)	(0)			(0)	(0)					-	-	(0)	(0)
	p of Vintage 2018 Lost Revenue through Year 2019 nounts from Evans Exhibit 2 pages 4-7	5		(44,830)	(44,830)			-	-			-	-	-	=	(44,830)	(44,830)
	p of Vintage 2019 Lost Revenue through Year 2019 nounts from Evans Exhibit 2 pages 4-7	7		(793)	(793)		\$	86,932	86,932				-	-	-	86,139	86,139
	st on Overcollections/(Undercollections) 8 nounts from Listebarger Exhibit 3			(734,515)	(734,515)	99,115	-	(281,290)	(182,175)	-	(2,479)	-	(2,479)	99,115	(2,479)	(1,015,805)	(919,168)
9 Net Ac	djustments to DSM/EE EMF Clause	\$ 18,579,2	285 \$ 13,137,461 \$	62,366,246	\$ 94,082,992 \$	6,038,059 \$	7,242,090 \$	46,035,978 \$	59,316,126	\$ -	\$ 274,954	\$ -	\$ 274,954 \$	24,617,344 \$	20,654,505 \$	108,402,224 \$	153,674,073
ΣL	ines 1 through 8	Listebarger Exhibit 2	page 5	1	То	Listebarger Exhibit 2 page 5						To Listebarg	ger Exhibit 2 page 4 To List	ebarger Exhibit 2 page 5			
			\$75,50: To Listebarger E				\$53,278,0 To Listebarger Exhil								γ \$129,056, To Listebarger Exhi		

¹ Actual DSM/EE Rate billings for test period (January 2020 through December 2020).

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 Evans Exhibit 1 page 3 for a detail list of Vintage 2017 programs impacted by EM&V true-ups

⁵ See Evans Exhibit 2 page 6 for a detail list of Vintage 2017 programs impacted by EM&V true-ups

⁶ See Evans Exhibit 2 page 6 for a detail list of Vintage 2018 programs impacted by EM&V true-ups

⁷ See Evans Exhibit 2 page 6 for a detail list of Vintage 2019 programs impacted by EM&V true-ups

⁸ Calculated interest obligation associated with test period (January 1, 2020 through December 31, 2020).

Duke Energy Progress, LLC Docket No. E-2, Sub 1273

Estimated Return Calculation - Residential EE & DSM Programs Vintage 2020

		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
2020	January	4,026,764	1,301,735	1,297,242	6,625,741	6,156,043	100.00%	(6,156,043)	469,697
2020	February	3,799,533	1,228,278	1,224,039	6,251,850	5,808,658	100.00%	(5,808,658)	443,192
2020	March	3,360,742	1,086,429	1,082,680	5,529,851	5,137,841	100.00%	(5,137,841)	392,010
2020	April	2,705,162	874,500	871,482	4,451,144	4,135,603	100.00%	(4,135,603)	315,541
2020	May	2,402,941	776,800	774,120	3,953,861	3,673,573	100.00%	(3,673,573)	280,288
2020	June	3,166,416	1,023,609	1,020,077	5,210,102	4,840,759	100.00%	(4,840,759)	369,343
2020	July	4,377,378	1,415,078	1,410,195	7,202,651	6,692,057	100.00%	(6,692,057)	510,594
2020	August	4,968,003	1,606,010	1,600,468	8,174,481	7,594,994	100.00%	(7,594,994)	579,487
2020	September	4,213,064	1,361,960	1,357,260	6,932,284	6,440,856	100.00%	(6,440,856)	491,428
2020	October	2,528,730	817,464	814,643	4,160,838	3,865,877	100.00%	(3,865,877)	294,961
2020	November	2,344,915	758,042	755,426	3,858,383	3,584,863	100.00%	(3,584,863)	273,520
2020	December	4,014,468	1,297,760	1,293,281	6,605,509	6,137,246	100.00%	(6,137,246)	468,263
		41,908,116	13,547,666	13,500,914	68,956,695	64,068,371	•		4,888,325

DEP is undercollected on program costs and undercollected in total, therefore the Company is calculating interest on the program cost piece of the balance.

Note 1: Revenue source - CIM CRY4 reports

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

		Cumulative			Cumulative	Net Deferred					
		(Over)/Under	Current Income Tax	Monthly Deferred I	Deferred Income	After Tax		Monthly A/T	YTD After Tax	Gross up of Return	Gross up of Return
		Recovery	Rate	Income Tax	Tax	Balance	Monthly Return	Return on Deferral	Interest	to Pretax Rate	to Pretax
			2020 tax rate				10.00%			0.76867	
2020	January	469,697	23.1330%	108,655	108,655	361,042	0.008333	1,504	1,504	0.76867	1,957
2020	February	912,890	23.1330%	102,524	211,179	701,711	0.008333	4,428	5,932	0.76867	7,718
2020	March	1,304,899	23.1330%	90,684	301,862	1,003,037	0.008333	7,103	13,036	0.76867	16,959
2020	April	1,620,440	23.1330%	72,994	374,856	1,245,584	0.008333	9,369	22,405	0.76867	29,148
2020	May	1,900,728	23.1330%	64,839	439,695	1,461,033	0.008333	11,278	33,682	0.76867	43,819
2020	June	2,270,071	23.1330%	85,440	525,136	1,744,936	0.008333	13,358	47,041	0.76867	61,197
2020	July	2,780,666	23.1330%	118,116	643,251	2,137,414	0.008333	16,176	63,217	0.76867	82,242
2020	August	3,360,153	23.1330%	134,053	777,304	2,582,849	0.008333	19,668	82,885	0.76867	107,829
2020	September	3,851,581	23.1330%	113,682	890,986	2,960,595	0.008333	23,098	105,983	0.76867	137,878
2020	October	4,146,542	23.1330%	68,233	959,219	3,187,322	0.008333	25,616	131,599	0.76867	171,203
2020	November	4,420,062	23.1330%	63,273	1,022,493	3,397,569	0.008333	27,437	159,036	0.76867	206,897
2020	December	4,888,325	23.1330%	108,323	1,130,816	3,757,508	0.008333	29,813	188,849	0.76867	245,682
								188,849			245,682
			Twelve months return	on 2020 Year End Ba	alance	3,757,508		375,751			488,832
			Total return on Reside	ential EE& DSM Progr	ams						734,515

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Estimated Return Calculation -Non-Residential DSM Programs Vintage 2020

		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	
2020	January	326,122	101,398	427,520	481,483	100.0000%	(481,483)	(53,963)	
2020	February	340,165	105,764	445,929	502,216	100.0000%	(502,216)	(56,287)	DEP is overcollected on program costs, but
2020	March	313,720	97,542	411,262	463,173	100.0000%	(463,173)	(51,911)	undercollected in total. Interest is
2020	April	279,032	86,757	365,789	411,960	100.0000%	(411,960)	(46,171)	calculated on program cost piece of the
2020	May	266,326	82,806	349,132	393,201	100.0000%	(393,201)	(44,069)	balance.
2020	June	326,524	101,523	428,047	482,076	100.0000%	(482,076)	(54,029)	
2020	July	392,810	122,132	514,942	579,940	100.0000%	(579,940)	(64,998)	
2020	August	423,434	131,654	555,088	625,153	100.0000%	(625,153)	(70,065)	
2020	September	401,205	124,743	525,948	592,334	100.0000%	(592,334)	(66,387)	
2020	October	322,576	100,296	422,872	476,248	100.0000%	(476,248)	(53,376)	
2020	November	295,718	91,945	387,663	436,595	100.0000%	(436,595)	(48,932)	
2020	December	335,976	104,462	440,438	496,031	100.0000%	(496,031)	(55,593)	_
	-	4,023,609	1,251,021	5,274,630	5,940,410		(5,940,410)	(665,781)	-

Note 1: Revenue source - CIM CRY4 reports

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

										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
			2020 tax rate				10.00%			0.76867	
2020	January	(53,963)	23.1330%	(12,483)	(12,483)	(41,480)	0.008333	(173)	(173)	0.76867	(225)
2020	February	(110,250)	23.1330%	(13,021)	(25,504)	(84,746)	0.008333	(526)	(699)	0.76867	(909)
2020	March	(162,160)	23.1330%	(12,009)	(37,513)	(124,648)	0.008333	(872)	(1,571)	0.76867	(2,044)
2020	April	(208,331)	23.1330%	(10,681)	(48,193)	(160,138)	0.008333	(1,187)	(2,758)	0.76867	(3,588)
2020	May	(252,400)	23.1330%	(10,194)	(58,388)	(194,012)	0.008333	(1,476)	(4,233)	0.76867	(5,508)
2020	June	(306,429)	23.1330%	(12,499)	(70,886)	(235,543)	0.008333	(1,790)	(6,023)	0.76867	(7,836)
2020	July	(371,427)	23.1330%	(15,036)	(85,922)	(285,505)	0.008333	(2,171)	(8,194)	0.76867	(10,660)
2020	August	(441,492)	23.1330%	(16,208)	(102,130)	(339,362)	0.008333	(2,604)	(10,798)	0.76867	(14,048)
2020	September	(507,879)	23.1330%	(15,357)	(117,488)	(390,391)	0.008333	(3,041)	(13,839)	0.76867	(18,003)
2020	October	(561,255)	23.1330%	(12,348)	(129,835)	(431,420)	0.008333	(3,424)	(17,263)	0.76867	(22,458)
2020	November	(610,187)	23.1330%	(11,319)	(141,155)	(469,032)	0.008333	(3,752)	(21,015)	0.76867	(27,339)
2020	December	(665,781)	23.1330%	(12,860)	(154,015)	(511,766)	0.008333	(4,087)	(25,101)	0.76867	(32,656)
							•	(25,101)		•	(32,656)
			Twelve months return on 20	20 Year End Balance		(511,766)		(51,177)			(66,578)
			Total return on Non-Residen	tial DSM							(99,234)

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Estimated Return Calculation -Non-Residential EE & DSDR Programs Vintage 2020

								NC DSDR Non	- NC Non-			
						NC Non-Residential		Residential	Residential DSDR			
		Non-Residential EE	Non-Residential	Total Program Costs	NC EE Non-Residential	EE Program	Total EE Revenue	Revenue	Program	DSDR Program Costs	Total EE & DSDR	
		Costs Incurred	DSDR Costs Incurred	Incurred	Revenue Collected	Collection %	Collected	Collected	Collection %	Revenue Collected	Revenue Collected	(Over)/Under Collection
2020	January	2,348,269	725,122	3,073,391	2,230,636	100.0000%	(2,230,636)	673,267	100.0000%	(673,267)	(2,903,903)	169,488
2020	February	2,158,214	652,726	2,810,940	2,050,102	100.0000%	(2,050,102)	606,049	100.0000%	(606,049)	(2,656,150)	154,790
2020	March	2,036,676	600,593	2,637,269	1,934,652	100.0000%	(1,934,652)	557,643	100.0000%	(557,643)	(2,492,295)	144,974
2020	April	1,771,327	533,269	2,304,596	1,682,595	100.0000%	(1,682,595)	495,134	100.0000%	(495,134)	(2,177,729)	126,867
2020	May	1,559,791	509,047	2,068,838	1,481,656	100.0000%	(1,481,656)	472,644	100.0000%	(472,644)	(1,954,300)	114,538
2020	June	2,002,818	624,749	2,627,567	1,902,489	100.0000%	(1,902,489)	580,073	100.0000%	(580,073)	(2,482,562)	145,005
2020	July	2,541,549	752,233	3,293,782	2,414,233	100.0000%	(2,414,233)	698,440	100.0000%	(698,440)	(3,112,673)	181,109
2020	August	2,940,569	810,303	3,750,872	2,793,265	100.0000%	(2,793,265)	752,357	100.0000%	(752,357)	(3,545,622)	205,250
2020	September	2,951,396	766,632	3,718,029	2,803,550	100.0000%	(2,803,550)	711,809	100.0000%	(711,809)	(3,515,359)	202,669
2020	October	2,259,526	616,995	2,876,521	2,146,338	100.0000%	(2,146,338)	572,873	100.0000%	(572,873)	(2,719,211)	157,310
2020	November	1,838,645	564,600	2,403,245	1,746,540	100.0000%	(1,746,540)	524,225	100.0000%	(524,225)	(2,270,765)	132,480
2020	December	2,094,969	644,934	2,739,903	1,990,025	100.0000%	(1,990,025)	598,814	100.0000%	(598,814)	(2,588,838)	151,065
		26,503,750	7,801,205	34,304,955	25,176,081	-	(25,176,081)	7,243,328	_	(7,243,328)	(32,419,409)	1,885,546

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	<u> </u>			10.00%			0.76867		•
2020	January	169,488	23.1330%	39,208	39,208	130,280	0.008333	543	543	0.76867	706	
2020	February	324,278	23.1330%	35,808	75,015	249,263	0.008333	1,581	2,124	0.76867	2,764	
2020	March	469,252	23.1330%	33,537	108,552	360,700	0.008333	2,542	4,666	0.76867	6,070	DEP program costs and undercollected
2020	April	596,119	23.1330%	29,348	137,900	458,219	0.008333	3,412	8,078	0.76867	10,509	in total, therefore the Company is calculating interest on the
2020	May	710,658	23.1330%	26,496	164,396	546,261	0.008333	4,185	12,263	0.76867	15,954	program cost piece of the balance.
2020	June	855,663	23.1330%	33,544	197,941	657,723	0.008333	5,017	17,280		22,480	
2020	July	1,036,772	23.1330%	41,896	239,836	796,936	0.008333	6,061	23,341	0.76867	30,365	
2020	August	1,242,022	23.1330%	47,480	287,317	954,705	0.008333	7,299	30,639	0.76867	39,860	
2020	September	1,444,691	23.1330%	46,883	334,200	1,110,491	0.008333	8,605	39,244	0.76867	51,055	
2020	October	1,602,002	23.1330%	36,391	370,591	1,231,411	0.008333	9,758	49,002	0.76867	63,750	
2020	November	1,734,481	23.1330%	30,647	401,238	1,333,244	0.008333	10,686	59,688	0.76867	77,652	
2020	December	1,885,546	23.1330%	34,946	436,183	1,449,363	0.008333	11,594	71,283	0.76867	92,735	
							•	71,283		·	92,735	
			Twelve months return	on 2020 Year End Balance	2	1,449,363		144,936			188,555	
			Total return on Non-Re	esidential EE programs						[281,290	1

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Estimated Return Calculation -Lighting DSDR Programs Vintage 2020

							Lighting Program		
		Lighting DSDR Program Costs	Lighting Allocated	Total Program Costs	NC Lighting Revenue	NC Lighting Program	Costs Revenue	(Over)/Under	
		Incurred	Carrying Costs & A&G	Incurred	Collected	Collection %	Collected	Collection	•
2020	January	25,157	1,837	26,994	25,481	100.0000%	(25,481)	1,513	
2020	February	22,734	1,660	24,393	23,026	100.0000%	(23,026)	1,367	DEP is undercollected on the DSDR program,
2020	March	22,825	1,666	24,491	23,119	100.0000%	(23,119)	1,372	therefore, interest is calculated on the
2020	April	22,696	1,657	24,353	22,989	100.0000%	(22,989)	1,365	total.
2020	May	22,626	1,652	24,278	22,917	100.0000%	(22,917)	1,360	
2020	June	22,631	1,652	24,283	22,922	100.0000%	(22,922)	1,361	
2020	July	22,613	1,651	24,264	22,904	100.0000%	(22,904)	1,360	
2020	August	22,541	1,646	24,186	22,831	100.0000%	(22,831)	1,355	
2020	September	22,541	1,646	24,187	22,831	100.0000%	(22,831)	1,355	
2020	October	22,589	1,649	24,238	22,880	100.0000%	(22,880)	1,358	
2020	November	21,634	1,580	23,214	21,913	100.0000%	(21,913)	1,301	
2020	December	23,319	1,703	25,021	23,619	100.0000%	(23,619)	1,402	_
		273,905	19,998	293,903	277,433	_	(277,433)	16,470	-

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		Monthly Deferred	Cumulative Deferred	Net Deferred After		Manthly A/T Datum	YTD After Tax	Gross up of	Gross up of Return to
		, ,,		•				Monthly A/T Return		Return to	
		Recovery	Current Income Tax Rate	Income Tax	Income Tax	Tax Balance	Monthly Return	on Deferral	Interest	Pretax Rate	Pretax
			2020 tax rate				10.00%			0.76867	
2020	January	1,513	23.1330%	350	350	1,163	0.008333	5	5	0.76867	6
2020	February	2,880	23.1330%	316	666	2,214	0.008333	14	19	0.76867	25
2020	March	4,252	23.1330%	317	984	3,268	0.008333	23	42	0.76867	54
2020	April	5,617	23.1330%	316	1,299	4,317	0.008333	32	73	0.76867	95
2020	May	6,977	23.1330%	315	1,614	5,363	0.008333	40	114	0.76867	148
2020	June	8,338	23.1330%	315	1,929	6,409	0.008333	49	163	0.76867	212
2020	July	9,698	23.1330%	315	2,243	7,454	0.008333	58	221	0.76867	287
2020	August	11,053	23.1330%	314	2,557	8,496	0.008333	66	287	0.76867	373
2020	September	12,409	23.1330%	314	2,870	9,538	0.008333	75	362	0.76867	471
2020	October	13,767	23.1330%	314	3,185	10,582	0.008333	84	446	0.76867	580
2020	November	15,068	23.1330%	301	3,486	11,582	0.008333	92	538	0.76867	700
2020	December	16,470	23.1330%	324	3,810	12,660	0.008333	101	639	0.76867	832
								639		•	832
			Twelve months return on 20	20 Year End Balance		12,660		1,266			1,647
			Total return on DSDR Lightir	ng							2,479

Listebarger Exhibit 4

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273 2020 Actual Revenues

Rate Period	DSM	DSDR	EE	Total
Residential	\$ 18,632,590	\$ 13,157,554	\$ 63,302,627	\$ 95,092,771
General Service	5,940,410	7,243,328	46,248,475	59,432,213
Lighting		277,433		277,433
Total	\$ 24,573,000	\$ 20,678,315	\$ 109,551,102	\$ 154,802,417
EMF				
Residential	\$ 216,468	\$ (6,052,506)	\$ (2,850,716)	\$ (8,686,754)
General Service	(1,128,182)	(3,200,205)	13,470,626	9,142,239
Lighting		(103,097)		(103,097)
Total	\$ (911,714)	\$ (9,355,808)	\$ 10,619,910	\$ 352,388

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Allocation Factor For Year 2018 Allocation Factors from 2018 Filed Cost of Service Study

			MWh		
Line	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)		NC	sc	Total
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 1273 Allocation Factor For Year 2019 Allocation Factors from 2019 Filed Cost of Service Study

			MWh		
Line	Sales Allocator at Generation				
1	NC Retail MWh Sales Allocation	Company Records	40,300,849		
2	SC Retail MWh Sales Allocation	Company Records	6,761,081		
3	Total Retail	Line 1 + Line 2	47,061,930		
	Allocation 1 to state based on kWh sales				
4	NC Retail	Line 1 / Line 3	85.6336514%		
	Demand Allocators (kW)		NC	SC	Total
5	Residential	Company Records	3,850,873	500,552	4,351,425
6	Non Residential	Company Records	3,913,139	691,398	4,604,537
7	Total	Line 5 + Line 6	7,764,011	1,191,950	8,955,962
	Allocation 2 to state based on peak demand				
8	NC Retail	Line 7, NC / Line 7 Total	86.6909847%		
	Allocation 3 NC res vs non-res Peak Demand to retail system peak				
9	NC Residential	Line 5 NC/ Line 7 Total	42.9978695%		
10	NC Non-residential	Line 6 NC/ Line 7 Total	43.6931152%		
	Allocation 4 NC res vs non-res Peak Demand				
11	NC Residential	Line 5 NC / Line 7 NC	49.5990092%		
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 1273 Allocation Factor For Year 2020 Allocation Factors from 2020 Filed Cost of Service Study

			MWh		
Line	Sales Allocator at Generation				
1	NC Retail MWh Sales Allocation	Company Records	37,938,229		
2	SC Retail MWh Sales Allocation	Company Records	6,302,325		
3	Total Retail	Line 1 + Line 2	44,240,554		
	Allocation 1 to state based on kWh sales				
4	NC Retail	Line 1 / Line 3	85.7544161%		
	Demand Allocators (kW)		NC	SC	Total
	Demand Anocasors (NV)			- 50	Total
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%		
12	INO INOIPEONUCINAL	LINE O NO / LINE / NO	31.3330833/6		

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 1273 Allocation Factor For Year 2021 Estimated Allocation Factor For Year 2022 Allocation Factors from 2021 Filed Cost of Service Study

			MWh		
Line	Sales Allocator at Generation				
1	NC Retail MWh Sales Allocation	Company Records	36,168,412		
2	SC Retail MWh Sales Allocation	Company Records	5,930,061		
3	Total Retail	Line 1 + Line 2	42,098,473		
	Allocation 1 to state based on kWh sales				
4	NC Retail	Line 1 / Line 3	85.9138342%		
	Demand Allocators (kW)		NC	SC	Total
	Demand Anocators (KW)			30	Iotai
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 1273 Energy Allocation Factors - Applicable to EE Program Costs

North Carolina Rate Class Energy Allocation Factors

	Total NC Rate Class Sales (MWh) (1)	Opt-Out Sales ⁽²⁾	Adjusted NC Rate Class MWh Sales	Rate Class Energy Allocation Factor
Rate Class	(1)	(2)	(3) = (1) - (2)	(4) = (3) / NC Total in Column 3
Residential	16,576,122	-	16,576,122	62.52%
General Service	21,324,998	(11,746,852)	9,578,146	36.12%
Lighting	375,968	(15,120)	360,847	1.36%
NC Retail	38,277,088	(11,761,973)	26,515,115	100.00%

NOTES:

- (1) Total NC Rate Class Sales (MWh) are for the forecasted year ending December 2022.
- (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 1273 Demand Allocation Factors - Applicable to DSM Programs

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	16,576,122	-	3,877,909	3,877,909	68.84%
General Service	21,324,998	(11,772,985)	3,918,308	1,755,111	31.16%
Lighting	375,968	(15,755)	0	0	0.00%
NC Retail	38,277,088	(11,788,741)	7,796,217	5,633,019	100.00%

NOTES:

- (1) Total NC Rate Class Sales (MWh) are for the forecasted year ended December 2022.
- (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 2020 CP occurring on July 17 during the hour ended at 1600 EDT.

DUKE ENERGY PROGRESS, LLC Docket No. E-2, Sub 1273 Determination of Lighting Allocation Factors

January through December 2020

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

Listebarger Exhibit 6

Duke Energy Progress, LLC Docket No. E-2, Sub 1273 Forecasted 2022 kWh Sales

	Spring 2022 Sales Forecast - kWh	Total 2022		
	North Carolina Retail:			
Line 1	Residential	16,576,122,049		
2	Non-Residential	21,324,997,788		
3	Lighting	375,967,831		
4	Total Retail	38,277,087,668	• •	
	Non-Residential	Gross kWh	Opt-outs	Net kWh
5	Energy Efficiency	21,324,997,788	(11,746,852,167)	9,578,145,621
6	DSM	21,324,997,788	(11,772,985,490)	9,552,012,298
7	Lighting - EE	375,967,831	(15,120,388)	360,847,443
8	Lighting - DSM	375,967,831	(15,755,311)	360,212,520

 $^{^{\}rm 1}$ Actual Opt-Out volumes for the twelve-months ending December 31, 2020.