

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-2, SUB 1322

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)

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)

**REBUTTAL TESTIMONY OF
CASEY Q. FIELDS
FOR DUKE ENERGY
PROGRESS, LLC**

I. INTRODUCTION AND PURPOSE

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Casey Q. Fields, and my business address is 411 Fayetteville Street,
3 Raleigh, North Carolina 27601.

4 **Q. DID YOU PREVIOUSLY FILE TESTIMONY IN THIS MATTER**
5 **BEFORE THE NORTH CAROLINA UTILITIES COMMISSION**
6 **(“COMMISSION”)?**

7 A. Yes. I filed direct testimony in this matter on June 13, 2023, and filed
8 supplemental direct testimony on August 24, 2023, with a corrected testimony
9 filed on August 28, 2023, on behalf of Duke Energy Progress, LLC (“DEP” or
10 the “Company”).

11 **Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?**

12 A. The purpose of my rebuttal testimony is to: (i) make an adjustment to the
13 Company’s Non-Residential Smart Saver Custom Program and Non-
14 Residential Custom Performance Program (the “Custom Programs”) net
15 savings; and (ii) explain the impact of the adjustment, as further discussed and
16 supported by Company Witness Lee's rebuttal testimony. I also update Fields
17 Exhibits 1, 2, 8, and 12.

18 **Q. WERE THESE EXHIBITS PREPARED BY YOU OR AT YOUR**
19 **DIRECTION?**

20 A. Yes.

21 **II. REBUTTAL**

1 **Q. DOES THE COMPANY AGREE WITH WITNESS WARREN HIRONS’**
2 **RECOMMENDATION TO REMOVE ALL SAVINGS ASSOCIATED**
3 **WITH NON-PARTICIPANT SPILLOVER (“NPSO”)?**

4 A. No, the Company believes Witness Lee’s rebuttal testimony regarding the
5 NPSO results in the program evaluation provide justification for including
6 NPSO savings in the Company’s impacts.

7 **Q. DOES THE COMPANY RECOMMEND ANY CHANGES TO THE**
8 **SAVINGS ASSOCIATED WITH NPSO?**

9 A. Yes. The Company recommends adjusting the Custom Programs net savings
10 net-to-gross value (“NTG”) from 91.37% to a combined 83.18%. Initially, the
11 Company applied the DEP-specific NPSO value of 24.03%. However, after
12 further clarification from the evaluators, the Company believes that the
13 combined NPSO of 12.95% more appropriately reflects the programs’ influence
14 and results in an overall NTG of 83.18%.

15 **Q. HAS THE COMPANY REVISED EXHIBITS IN LIGHT OF WITNESS**
16 **LEE’S FURTHER EVALUATION AND SUBSEQUENT**
17 **RECOMMENDATION?**

18 A. Yes. Fields Exhibits 1, 2, 8, and 12 have been updated to reflect the appropriate
19 kWh impacts after the adjusted NTG was applied. The net effect of the
20 adjustment is an increase of approximately \$6,662 to the total revenue
21 requirement. As Company Witness Carolyn T. Miller explains, the adjustment
22 does not impact the rates requested on Miller Exhibit 1 in the Company’s
23 August 24, 2023, supplemental filing.

1 **Q. IS WITNESS HIRONS' APPROACH OF REVISING GROSS VERIFIED**
2 **KWH FOR DEP CONSISTENT WITH THE COST RECOVERY**
3 **MECHANISM?**

4 A. No. Witness Hirons applies his findings for the gross verified kWh
5 retrospectively which is a departure from the method outlined in the most
6 recently approved cost recovery mechanism in Docket No. E-2, Sub 931.¹ The
7 order approving DEP's current cost recovery mechanism provides the
8 following guidance for incorporating findings from Evaluation, Measurement,
9 and Verification ("EM&V"): "EM&V for the Non-Residential SmartSaver
10 Custom Rebate Program not apply retrospectively and this program shall be
11 trued up based on the actual participants and actual projects undertaken."²
12 Witness Hirons' testimony provides no justification for deviating from the
13 Commission's previous instruction and the Company asks that the Commission
14 approve updated impacts to Vintage Year 2022 as reflected in the Company's
15 updated exhibits.

16 **Q. WITNESS HIRONS STATES THAT THE EM&V RESULTS CREATE**
17 **A CROSS SUBSIDY FOR CUSTOMERS PAYING THE DEMAND SIDE**
18 **MANAGEMENT/ENERGY EFFICIENCY RIDER BECAUSE AN**
19 **OPTED-OUT CUSTOMER SHOULD NOT BE ABLE TO INFLUENCE**
20 **THE NPSO. DO YOU AGREE?**

¹ See *Order Approving Revisions to Demand-Side Management and Energy Efficiency Cost Recovery Mechanisms*, Docket Nos. E-2, Sub 931 and E-7, Sub 1032, October 20, 2020. This reference encompasses both the Non-Residential Smart Saver Custom and Custom Performance programs.

² *Id.* at p. 9, Attachment A.

1 A. No, NPSO savings from non-participants are not a cross subsidy, but rather an
2 indication of the additional system benefits recognized by all customers
3 regardless of opt-out status arising from operating effective programs. I do not
4 agree that the impacts resulting from the influence the Company's programs
5 have on opted out customers should be ignored. The standardized EM&V
6 process evaluates how energy efficiency programs influence the energy
7 consumption of both participants and non-participants and is consistent with the
8 method that the Company has used historically. The NPSO surveys found that
9 the Custom Programs have a substantial impact on non-participants thus
10 accruing savings to the utility system beyond what participants experience.

11 **Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?**

12 A. Yes.

**Duke Energy Progress
Fields Exhibit 1
Vintage 2019 True Up - January 1, 2019 to December 31, 2019
Docket Number E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program**

	A	B	C	D	E	F	G	H					
				=(A-B)*C	=(B+D)			=AF (from page 2)					
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	Unadjusted Rev Requirement (2)	NC Retail KWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement (2)	NC Residential Adjusted Revenue Requirement			
Residential Programs													
EE Programs													
1	Appliance Recycling Program	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.634%	E1 * F1	\$ -	\$ -		
2	Energy Efficient Appliances and Devices	4,984	18,394,631	10,224,171	\$ 2,160,799	11.75%	\$ 947,446	\$ 3,108,246	E2 * F2	\$ 2,661,704	\$ -		
3	Energy Efficiency Education Program	392	3,283,839	1,039,694	\$ 747,483	0.00%	\$ -	\$ 747,483	E3 * F3	\$ 640,097	\$ -		
4	Energy Efficient Lighting	5,497	33,349,231	27,067,315	\$ 11,993,695	11.75%	\$ 1,771,150	\$ 13,764,845	E4 * F4	\$ 11,787,340	\$ -		
5	Residential Smart Saver®	1,862	6,756,132	5,417,341	\$ 6,411,758	11.75%	\$ (116,844)	\$ 6,294,914	E5 * F5	\$ 5,390,565	\$ -		
6	Weatherization Pilot	34	178,739	109,701	\$ 27,356	0.00%	\$ -	\$ 27,356	E6 * F6	\$ 23,426	\$ -		
7	Multi-Family Energy Efficiency Program	1,583	11,855,149	5,977,179	\$ 2,156,484	11.75%	\$ 448,932	\$ 2,605,416	E7 * F7	\$ 2,231,113	\$ -		
8	Neighborhood Energy Saver	451	3,115,614	1,244,442	\$ 1,671,298	0.00%	\$ -	\$ 1,671,298	E8 * F8	\$ 1,431,193	\$ -		
9	Residential Energy Assessments	943	7,834,474	4,344,111	\$ 2,113,798	11.75%	\$ 262,062	\$ 2,375,860	E9 * F9	\$ 2,034,535	\$ -		
10	Residential New Construction	4,665	16,337,464	19,396,567	\$ 15,113,951	11.75%	\$ 503,207	\$ 15,617,158	E10 * F11	\$ 13,373,543	\$ -		
11	Residential Home Advantage	-	-	-	\$ -	11.75%	\$ -	\$ -	E11 * F11	\$ -	\$ -		
12	Total for Residential Conservation Programs	20,411	101,105,273	74,820,520	\$ 42,396,623		\$ 3,815,953	\$ 46,212,576		\$ 39,573,516	\$ -		
13	My Home Energy Report	53,425	152,888,746	11,494,728	\$ 6,299,307	11.75%	\$ 610,462	\$ 6,909,769	E13*F13	\$ 5,917,088	\$ -		
14	Total Residential Conservation and Behavioral Programs	73,836	253,994,018	\$ 86,315,249	\$ 48,695,930		\$ 4,426,415	\$ 53,122,345		\$ 45,490,604	\$ -		
15	EnergyWise	28,993	-	53,221,850	\$ 5,806,874	11.75%	\$ 5,571,260	\$ 11,378,134	NC Residential Peak Demand Allocation Factor	86.691%	49.60%	\$ 6,763,816	\$ -
16	Total Residential	102,829	253,994,018	\$ 139,537,098	\$ 54,502,804		\$ 9,997,675	\$ 64,500,479	Allocation Factor (2)			\$ 52,254,420	\$ -
Non-Residential Programs													
EE Programs													
17	Energy Efficient Lighting	2,275	8,778,572	\$ 8,347,756	\$ 1,453,336	11.75%	\$ 810,094	\$ 2,263,431	85.634%	E17 * F17	\$ 1,938,258	\$ -	
18	Smart Saver® Non-Residential Prescriptive	9,065	49,660,939	31,468,924	\$ 7,877,838	11.75%	\$ 2,771,953	\$ 10,649,791	85.634%	E18 * F18	\$ 9,119,805	\$ 299	
19	Smart Saver® Non-Residential - Custom	3,124	13,129,886	9,658,177	\$ 2,776,482	11.75%	\$ 808,599	\$ 3,585,082	85.634%	E19 * F19	\$ 3,070,036	\$ -	
20	Smart Saver(R) Non-Residential Performance Incentive Program	99	1,356,835	606,333	\$ 267,186	11.75%	\$ 39,850	\$ 307,036	85.634%	E20 * F20	\$ 262,926	\$ -	
21	Small Business Energy Saver	6,338	36,430,983	17,456,367	\$ 7,301,790	11.75%	\$ 1,193,163	\$ 8,494,953	85.634%	E21 * F21	\$ 7,274,538	\$ -	
22	Total for Non-Residential Conservation Programs	20,902	109,357,016	\$ 67,537,557	\$ 19,676,634		\$ 5,623,658	\$ 25,300,292				\$ 21,665,563	\$ 299
23	EnergyWise for Business	4,981	1,052,210	921,420	\$ 2,412,880	11.75%	\$ (175,246)	\$ 2,237,633	86.691%		\$ 3,533,564	\$ 228	
24	Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EEB)	2,567	-	4,394,068	\$ 1,811,347	11.75%	\$ 303,470	\$ 2,114,817	86.691%		\$ 3,339,618	\$ -	
25	Total for Non-Residential DSM Programs	7,548	1,052,210	\$ 5,315,489	\$ 4,224,227		\$ 128,223	\$ 4,352,450	86.691%	Allocation Factor 50.40%		\$ 6,873,182	\$ 228
26	Total Non Residential	28,449	110,409,226	\$ 72,853,046	\$ 23,900,860		\$ 5,751,882	\$ 29,652,742				\$ 28,538,745	\$ 527
27	Total All Programs	131,278	364,403,244	\$ 212,390,144	\$ 78,403,665		\$ 15,749,557	\$ 94,153,221				\$ 80,793,165	\$ 527
(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year (2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak													
28	DSDR	334,197	38,083,660		\$ 18,305,182			\$ 18,305,182					
29	Total with DSDR	465,475	402,486,905	\$ 212,390,144	\$ 96,708,846		\$ 15,749,557	\$ 112,458,403				\$ 80,793,165	\$ 527

Duke Energy Progress
 Fields Exhibit 1
 Vintage 2019 True Up - January 1, 2019 to December 31, 2019
 Docket Number E-2, Sub 1322
 Load Impacts and Estimated Revenue Requirements by Program

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P																						
		=A*B	=A*C			=P*[(E,F,D)	=I*E		=J	=K	=L	=M	=N	=O																							
	Income Tax Rate	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortization Period	Vintage Year 2019 - Year 1 PPI	Income Tax Gross-Up Factor	Adjusted PPI	Original Vintage 2019 PPI	PPI Over / (Under) Collection	Years at Original PPI Level	Cumulative PPI Over / (Under) Collection	Carrying Costs	PPI Over/(Under) Collection w/CO2	Z Prior Period PPI	Vintage 2009 PPI	Vintage 2010 PPI	Vintage 2011 PPI	Vintage 2012 PPI	Vintage 2013 PPI	Vintage 2014 PPI	Vintage 2015 PPI	Vintage 2016 PPI	Vintage 2017 PPI	Vintage 2018 PPI	PPI Values for Test Period											
Residential Programs																																					
EE Programs																																					
1	Appliance Recycling Program	\$	187,960	\$	6.64%	10	\$	150,574	76.83%	\$	195,981	\$	-	\$	119,754	\$	28,547	\$	38,647	\$	17,038	\$	7,905	\$	4,492	\$	3,011	\$	179	\$	119,754						
2	Appliances and Devices	\$	811,333	\$	6.64%	5	\$	150,574	76.83%	\$	195,981	\$	-	\$	946,099	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	306,792	\$	228,333	\$	1,142,060				
3	Energy Education Program for Schools	\$	23,175	\$	6.64%	N/A	\$	-	76.83%	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-	\$	-	-	\$	-				
4	Energy Efficient Lighting	\$	1,116,701	\$	6.64%	5	\$	281,482	76.83%	\$	366,366	\$	-	\$	4,180,658	\$	546,425	\$	309,870	\$	421,854	\$	636,807	\$	397,823	\$	332,648	\$	448,986	\$	473,444	\$	418,960	\$	4,502,025		
5	Residential Service - Smart Saver	\$	100,058	\$	6.64%	10	\$	107,760	76.83%	\$	14,011	\$	-	\$	332,069	\$	75,307	\$	116,481	\$	108,864	\$	0	\$	14,647	\$	24,334	\$	13,823	\$	(9,168)	\$	(12,271)	\$	316,058		
6	Low Income Weatherization Pilot	\$	384,437	\$	6.64%	5	\$	71,347	76.83%	\$	92,863	\$	-	\$	627,117	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	193,329	\$	124,282	\$	186,211	\$	123,296	\$	719,880
7	Multi-Family Energy Efficiency Program	\$	224,413	\$	6.64%	5	\$	41,848	76.83%	\$	54,208	\$	-	\$	258,076	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	83,843	\$	88,854	\$	85,701	\$	312,266		
8	Neighborhood Energy Saver	\$	430,915	\$	6.64%	10	\$	46,360	76.83%	\$	60,340	\$	-	\$	688,313	\$	-	\$	-	\$	-	\$	47,653	\$	54,738	\$	72,258	\$	139,487	\$	138,787	\$	135,410	\$	848,653		
9	Residential Energy Assessments	\$	3,287,740	\$	6.64%	10	\$	580,646	76.83%	\$	755,748	\$	-	\$	7,225,545	\$	677,879	\$	526,884	\$	829,814	\$	702,086	\$	474,715	\$	626,461	\$	1,133,704	\$	1,274,803	\$	979,420	\$	7,381,233		
10	Residential New Construction	\$	422,281	\$	6.64%	1	\$	401,841	76.83%	\$	522,761	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-	\$	-	-	\$	522,761		
11	Residential Home Advantage	\$	8,620,281	\$	6.64%	10	\$	1,501,896	76.83%	\$	1,954,812	\$	-	\$	1,729,312	\$	1,220,927	\$	1,308,140	\$	1,177,773	\$	1,043,450	\$	844,227	\$	891,813	\$	2,045,818	\$	2,071,654	\$	1,696,004	\$	14,713,940		
12	Total for Residential Conservation Programs	\$	11,997,250	\$	6.64%	10	\$	2,127,636	76.83%	\$	2,782,524	\$	-	\$	23,725,545	\$	2,127,636	\$	1,634,046	\$	1,791,456	\$	1,447,599	\$	801,384	\$	969,022	\$	2,051,373	\$	2,111,314	\$	1,706,851	\$	17,616,074		
13	My Home Energy Report	\$	3,700,001	\$	6.64%	1	\$	3,529,297	76.83%	\$	4,579,508	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-	\$	-	-	\$	4,579,508		
14	Total Residential Conservation and Behavioral Programs	\$	15,727,531	\$	6.64%	1	\$	14,857,294	76.83%	\$	19,364,732	\$	-	\$	23,725,545	\$	2,127,636	\$	1,634,046	\$	1,791,456	\$	1,447,599	\$	801,384	\$	969,022	\$	2,051,373	\$	2,111,314	\$	1,706,851	\$	17,616,074		
15	EnergyWise	\$	4,420,700	\$	6.64%	10	\$	519,609	76.83%	\$	676,304	\$	-	\$	5,533,582	\$	1,543,048	\$	781,456	\$	347,599	\$	301,384	\$	369,022	\$	265,373	\$	511,314	\$	706,851	\$	716,874	\$	6,209,896		
16	Total Residential	\$	26,227,781	\$	6.64%	10	\$	4,157,445	76.83%	\$	5,441,036	\$	-	\$	30,259,090	\$	3,675,272	\$	2,425,902	\$	2,149,153	\$	1,758,973	\$	1,102,768	\$	1,338,044	\$	2,262,746	\$	2,323,128	\$	1,913,705	\$	18,825,970		
Non-Residential Programs																																					
EE Programs																																					
17	Energy Efficient Lighting	\$	693,713	\$	6.64%	5	\$	128,745	76.83%	\$	167,870	\$	-	\$	1,377,490	\$	134,853	\$	74,872	\$	153,107	\$	171,971	\$	116,186	\$	152,430	\$	218,730	\$	191,885	\$	163,956	\$	1,545,680		
18	Non-Residential Smart Saver Prescriptive	\$	2,373,724	\$	6.64%	3	\$	600,397	76.83%	\$	898,595	\$	280	\$	280	\$	7,504,780	\$	452,376	\$	649,907	\$	722,666	\$	678,479	\$	438,885	\$	389,180	\$	-	\$	2,139,886	\$	2,053,402	\$	8,403,375
19	Non-Residential Smart Saver Custom	\$	662,433	\$	6.64%	3	\$	201,384	76.83%	\$	292,127	\$	-	\$	292,127	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-	\$	-	-	\$	292,127		
20	Non-Res SmartWatt Performance	\$	34,125	\$	6.64%	3	\$	9,025	76.83%	\$	12,018	\$	-	\$	30,402	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	7,194	\$	-	\$	22,088	\$	43,520		
21	Small Business Energy Saver	\$	1,681,749	\$	6.64%	3	\$	297,175	76.83%	\$	388,736	\$	280	\$	280	\$	1,745,878	\$	-	\$	-	\$	-	\$	80,709	\$	212,324	\$	241,661	\$	69,747	\$	513,949	\$	2,332,020		
22	Total for Non-Residential Conservation Programs	\$	4,815,244	\$	6.64%	3	\$	1,237,656	76.83%	\$	1,728,000	\$	560	\$	560	\$	10,016,988	\$	587,229	\$	724,479	\$	875,773	\$	691,169	\$	772,364	\$	762,861	\$	3,031,512	\$	3,011,153	\$	12,844,060		
23	EnergyWise for Business	\$	151,823	\$	6.64%	1	\$	116,223	76.83%	\$	151,823	\$	228	\$	228	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-	\$	-	-	\$	151,823		
24	Commercial, Industrial, & Governmental Demand Response	\$	283,081	\$	6.64%	3	\$	78,517	76.83%	\$	95,592	\$	-	\$	243,801	\$	65,722	\$	17,655	\$	28,315	\$	9,714	\$	25,139	\$	4,414	\$	-	\$	82,891	\$	9,951	\$	343,993		
25	Total for Non-Residential DSM Programs	\$	111,158	\$	6.64%	1	\$	40,206	76.83%	\$	52,311	\$	228	\$	228	\$	243,801	\$	65,722	\$	17,655	\$	28,315	\$	9,714	\$	25,139	\$	4,414	\$	82,891	\$	9,951	\$	343,993		
26	Total Non-Residential	\$	5,926,502	\$	6.64%	3	\$	1,277,862	76.83%	\$	1,676,811	\$	788	\$	788	\$	11,158,890	\$	652,951	\$	742,134	\$	904,088	\$	840,873	\$	797,533	\$	787,075	\$	218,730	\$	3,114,403	\$	3,021,104	\$	12,834,560
27	Total All Programs	\$	31,847,183	\$	6.64%	10	\$	5,435,307	76.83%	\$	7,118,547	\$	1,048	\$	1,048	\$	41,417,980	\$	4,338,227	\$	3,171,631	\$	3,256,672	\$	2,104,163	\$	1,840,212	\$	2,581,821	\$	2,341,848	\$	2,124,859	\$	20,840,630		

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
 (2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Progress
Fields Exhibit 1
Vintage 2020 True Up - January 1, 2020 to December 31, 2020
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	A	B	C	D	E	F	G	H				
				=(A-B)*C	=(B+D)			=AF (from page 2)				
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	Unadjusted Rev Requirement ⁽¹⁾	NC Retail kWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement ⁽²⁾	NC Residential Adjusted Revenue Requirement		
Residential Programs												
EE Programs												
1	Appliance Recycling Program	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.754%	E1 * F1	\$ -	\$ -	
2	Energy Efficient Appliances and Devices	2,606	17,958,166	\$ 8,710,041	\$ 3,051,854	11.75%	\$ 664,837	\$ 3,716,691	85.754%	E2 * F2	\$ 3,187,227	\$ -
3	Energy Efficiency Education Program	(62)	1,772,474	\$ 412,495	\$ 388,273	0.00%	\$ -	\$ 388,273	85.754%	E3 * F3	\$ 332,961	\$ -
4	Energy Efficient Lighting	3,123	18,942,865	\$ 15,408,720	\$ 5,385,332	11.75%	\$ 1,177,748	\$ 6,563,080	85.754%	E4 * F4	\$ 5,628,131	\$ -
5	Residential Smart Saver®	1,925	6,893,070	\$ 5,453,175	\$ 6,494,225	11.75%	\$ 6,494,225	\$ 6,371,902	85.754%	E5 * F5	\$ 5,464,187	\$ -
6	Weatherization Pilot	27	133,541	\$ 79,198	\$ 51,370	0.00%	\$ -	\$ 51,370	85.754%	E6 * F6	\$ 44,052	\$ -
7	Multi-Family Energy Efficiency Program	369	2,816,526	\$ 1,389,245	\$ 892,251	11.75%	\$ 58,397	\$ 950,647	85.754%	E7 * F7	\$ 815,222	\$ -
8	Neighborhood Energy Saver	56	349,777	\$ 143,940	\$ 401,046	0.00%	\$ -	\$ 401,046	85.754%	E8 * F8	\$ 343,914	\$ -
9	Residential Energy Assessments	861	7,151,467	\$ 4,050,428	\$ 2,160,729	11.75%	\$ 222,040	\$ 2,382,769	85.754%	E9 * F9	\$ 2,043,329	\$ -
10	Residential New Construction	5,358	20,007,860	\$ 22,840,461	\$ 18,861,261	11.75%	\$ 467,556	\$ 19,328,817	85.754%	E10 * F11	\$ 16,575,314	\$ -
11	Residential Home Advantage	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.754%	E11 * F11	\$ -	\$ -
12	Total for Residential Conservation Programs	14,262	76,025,745	\$ 58,487,704	\$ 37,686,341		\$ 2,468,254	\$ 40,154,595			\$ 34,434,337	\$ -
13	My Home Energy Report	53,597	153,286,583	\$ 10,733,674	\$ 7,369,336	11.75%	\$ 395,310	\$ 7,764,646	85.754%	E13*F13	\$ 6,658,527	\$ -
14	Total Residential Conservation and Behavioral Programs	67,859	229,312,328	\$ 69,221,378	\$ 45,055,677		\$ 2,863,564	\$ 47,919,241			\$ 41,092,864	\$ -
15	EnergyWise	17,810	-	\$ 8,817,400	\$ 1,110,200	11.75%	\$ 905,596	\$ 2,015,796	86.339%	Allocati on	\$ 2,202,152	\$ -
16	Total Residential	85,669	229,312,328	\$ 78,038,778	\$ 46,165,877		\$ 3,769,160	\$ 49,935,037			\$ 43,295,016	\$ -
Non-Residential Programs												
EE Programs												
17	Energy Efficient Lighting	1,294	4,993,362	\$ 4,684,106	\$ 610,362	11.75%	\$ 478,665	\$ 1,089,027	85.754%	E17 * F17	\$ 933,888	\$ -
18	Smart Saver® Non Residential Prescriptive	7,699	46,347,977	\$ 28,514,369	\$ 7,863,953	11.75%	\$ 2,426,424	\$ 10,290,377	85.754%	E18 * F18	\$ 8,824,452	\$ 259
19	Smart Saver® Non-Residential - Custom	3,024	12,768,124	\$ 9,481,018	\$ 3,514,807	11.75%	\$ 701,030	\$ 4,215,837	85.754%	E19 * F19	\$ 3,615,266	\$ -
20	Smart Saver(R) Non Residential Performance Incentive Program	223	3,104,355	\$ 1,239,947	\$ 386,339	11.75%	\$ 100,299	\$ 486,638	85.754%	E20 * F20	\$ 417,313	\$ -
21	Small Business Energy Saver	3,848	22,675,420	\$ 10,540,437	\$ 5,004,816	11.75%	\$ 650,435	\$ 5,655,252	85.754%	E21 * F21	\$ 4,849,628	\$ 23,555
22	Total for Non-Residential Conservation Programs	16,089	89,889,238	\$ 54,459,876	\$ 17,380,276		\$ 4,356,853	\$ 21,737,129			\$ 18,640,547	\$ 23,814
23	EnergyWise for Business	5,063	548,159	\$ 691,466	\$ 1,896,524	11.75%	\$ (141,594)	\$ 1,754,930	86.339%	Allocati on	\$ 1,269,442	\$ 17
24	Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EEB)	1,928	-	\$ 2,964,614	\$ 1,352,902	11.75%	\$ 189,376	\$ 1,542,278	86.339%	51.99%	\$ 1,115,619	\$ -
25	Total for Non-Residential DSM Programs	6,991	548,159	\$ 3,656,079	\$ 3,249,426		\$ 47,782	\$ 3,297,208	86.339%		\$ 2,385,062	\$ 17
26	Total Non Residential	23,080	90,437,397	\$ 58,115,956	\$ 20,629,702		\$ 4,404,635	\$ 25,034,337			\$ 21,025,609	\$ 23,831
27	Total All Programs	108,748	319,749,725	\$ 136,154,734	\$ 66,795,579		\$ 8,173,795	\$ 74,969,374			\$ 64,320,625	\$ 23,831
(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year												
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak												
28	DSDR	205,053	32,097,809	\$ -	\$ 16,923,949		\$ -	\$ 16,923,949			\$ -	\$ -
29	Total with DSDR	313,801	351,847,533	\$ 136,154,734	\$ 83,719,528		\$ 8,173,795	\$ 91,893,323			\$ 64,320,625	\$ 23,831

Duke Energy Progress
Fields Exhibit 1
Vintage 2021 True Up - January 1, 2021 to December 31, 2021
Docket Number E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H			
				=(A-B)*C	=(B+D)			(from page 2)			
	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	Unadjusted Rev Requirement ⁽¹⁾	NC Retail kWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement ⁽²⁾	NC Residential Adjusted Revenue Requirement
Residential Programs											
EE Programs											
1 Appliance Recycling Program	-	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.940%	E1 * F1	\$ -
2 Energy Efficient Appliances and Devices	2,107	2,911	11,590,763	\$ 5,644,364	\$ 1,336,043	11.75%	\$ 506,228	\$ 1,842,270	85.940%	E2 * F2	\$ 1,583,239
3 Energy Efficiency Education Program	(316)	10	1,857,439	\$ 360,751	\$ 396,660	0.00%	\$ -	\$ 396,660	85.940%	E3 * F3	\$ 340,888
4 Energy Efficient Lighting	3,181	1,416	19,297,093	\$ 11,379,809	\$ 5,580,078	11.75%	\$ 681,468	\$ 6,261,547	85.940%	E4 * F4	\$ 5,381,146
5 Residential Smart Saver [®]	1,922	614	6,809,114	\$ 3,855,373	\$ 6,365,722	11.75%	\$ (294,966)	\$ 6,070,756	85.940%	E5 * F5	\$ 5,217,181
6 Weatherization Pilot	53	39	249,853	\$ 123,740	\$ 63,139	0.00%	\$ -	\$ 63,139	85.940%	E6 * F6	\$ 54,261
7 Multi-Family Energy Efficiency Program	187	286	1,474,721	\$ 673,764	\$ 377,471	11.75%	\$ 34,814	\$ 412,285	85.940%	E7 * F7	\$ 354,316
8 Neighborhood Energy Saver	83	77	427,569	\$ 187,939	\$ 601,722	0.00%	\$ -	\$ 601,722	85.940%	E8 * F8	\$ 517,117
9 Residential Energy Assessments	703	571	6,006,904	\$ 2,870,462	\$ 2,046,087	11.75%	\$ 96,864	\$ 2,142,951	85.940%	E9 * F9	\$ 1,841,643
10 Residential New Construction	4,854	5,981	19,718,837	\$ 20,371,403	\$ 18,415,175	11.75%	\$ 229,857	\$ 18,645,032	85.940%	E10 * F11	\$ 16,023,459
11 Residential Home Advantage	-	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.940%	E11 * F11	\$ -
12 Total for Residential Conservation Programs	12,774	11,905	67,432,291	\$ 45,467,606	\$ 35,182,097		\$ 1,254,265	\$ 36,436,362		\$ 31,313,250	\$ -
13 My Home Energy Report	35,870	33,131	186,446,714	\$ 9,398,049	\$ 4,152,580	11.75%	\$ 616,343	\$ 4,768,923	85.940%	E13*F13	\$ 4,098,392
14 Total Residential Conservation and Behavioral Programs	48,643	45,037	253,879,005	\$ 54,865,655	\$ 39,334,677		\$ 1,870,608	\$ 41,205,285		\$ 35,411,642	\$ -
									NC Residential Peak Demand Allocation Factor	Allocation Factor (2)	
15 Power Manager	28,705	(38)	-	\$ 882,669	\$ 2,443,378	11.75%	\$ (183,383)	\$ 2,259,994	86.866%	49.74%	\$ 4,209,359
16 Total Residential	77,348	44,998	253,879,005	\$ 55,748,324	\$ 41,778,055		\$ 1,687,225	\$ 43,465,280		\$ 39,621,001	\$ -
Non-Residential Programs											
EE Programs											
17 Energy Efficient Lighting	1,319	289	5,087,818	\$ 3,107,373	\$ 632,434	11.75%	\$ 290,805	\$ 923,239	85.940%	E17 * F17	\$ 793,428
18 Smart Saver [®] Non Residential Prescriptive	6,303	5,224	40,080,074	\$ 18,922,368	\$ 8,272,474	11.75%	\$ 1,251,362	\$ 9,523,837	85.940%	E18 * F18	\$ 8,184,744
19 Smart Saver [®] Non-Residential - Custom	2,939	3,035	11,947,765	\$ 8,026,993	\$ 3,861,513	11.75%	\$ 489,444	\$ 4,350,957	85.940%	E19 * F19	\$ 3,739,193
20 Smart Saver(R) Non Residential Performance Incentive Program	119	116	891,850	\$ 373,606	\$ 225,576	11.75%	\$ 17,393	\$ 242,970	85.940%	E20 * F20	\$ 208,807
21 Small Business Energy Saver	3,522	4,393	21,259,482	\$ 8,635,052	\$ 5,575,420	11.75%	\$ 359,507	\$ 5,934,927	85.940%	E21 * F21	\$ 5,100,450
22 Total for Non-Residential Conservation Programs	14,200	13,057	79,266,990	\$ 39,065,391	\$ 18,567,417		\$ 2,408,512	\$ 20,975,929		\$ 18,026,622	\$ 202,778
23 EnergyWise for Business	4,406	10	54,238	\$ 456,862	\$ 1,358,137	11.75%	\$ (105,900)	\$ 1,252,237	86.866%		\$ 711,840
24 Commercial, Industrial, Governmental Energy Efficiency (CIG EE,	7,970	93	-	\$ 11,618,565	\$ 5,512,341	11.75%	\$ 717,481	\$ 6,229,822	86.866%		\$ 3,541,372
25 Total for Non-Residential DSM Programs	12,376	103	54,238	\$ 12,075,427	\$ 6,870,478		\$ 611,581	\$ 7,482,060	86.866%	Allocation Factor 50.26%	\$ 4,253,212
26 Total Non Residential	26,576	13,160	79,321,228	\$ 51,140,818	\$ 25,437,895		\$ 3,020,093	\$ 28,457,988		\$ 22,279,834	\$ 202,778
27 Total All Programs	103,924	58,158	333,200,234	\$ 106,889,142	\$ 67,215,950		\$ 4,707,318	\$ 71,923,268		\$ 61,900,835	\$ 202,778
(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year											
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak											
28 DSDR	274,893	274,893	36,438,277	\$ -	\$ 9,705,577			\$ 9,705,577			
29 Total with DSDR	378,817	333,051	369,638,510	\$ 106,889,142	\$ 76,921,527		\$ 4,707,318	\$ 81,628,845		\$ 61,900,835	\$ 202,778

Duke Energy Progress
 Fields Exhibit 1
 Vintage 2021 True Up - January 1, 2021 to December 31, 2021
 Docket Number E-2, Sub 1332
 Load Impacts and Estimated Revenue Requirements by Program

A	B	C -A*B	D -A/C	E	F	G -PM1(E,F,D)	H -I-B	2021 PPI Table										K -H								
								J	K	L	M	N	O	P	Q	R	S		T	U	V	W	X	Y	Z	
Residential Programs	Income Tax	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortization Period	Vintage Year 2021 - Year 1 PPI	Income Tax Gross-Up Factor	Original Vintage 2021 PPI	PPI Over / (Under) Collection	Years at Original PPI Level	Cumulative PPI Over / (Under) Carrying Costs	PPI (Under) Over / (Under) Collection w/Coast	1 Prior Period PPI	Vintage 2009 PPI	Vintage 2010 PPI	Vintage 2011 PPI	Vintage 2012 PPI	Vintage 2013 PPI	Vintage 2014 PPI	Vintage 2015 PPI	Vintage 2016 PPI	Vintage 2017 PPI	Vintage 2018 PPI	Vintage 2019 PPI	Vintage 2020 PPI	PPI Values for Test Period
	1 EE Programs																									
2 Appliances Recycling Program	\$ -	\$ -	\$ -	6.54%	10	\$ -	76.87%	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Appliances and Devices	\$ 435,050	\$ 100,640	\$ 334,410	6.54%	5	\$ 80,551	76.87%	\$ 304,793	\$ 104,793	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Energy Education Program for Schools	\$ -	\$ -	\$ -	6.54%	N/A	\$ -	76.87%	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Energy Efficient Lighting	\$ 585,651	\$ (131,479)	\$ 454,172	6.54%	5	\$ 108,435	76.87%	\$ 141,069	\$ 141,069	0	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Residential Service - Smart Meter	\$ (253,492)	\$ 56,640	\$ (196,852)	6.54%	10	\$ (27,152)	76.87%	\$ (35,323)	\$ (35,323)	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 Low Income Weatherization Pilot	\$ -	\$ -	\$ -	6.54%	5	\$ -	76.87%	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 Multi-Family Energy Efficiency Program	\$ 29,919	\$ (6,921)	\$ 22,998	6.54%	5	\$ 5,540	76.87%	\$ 7,207	\$ 7,207	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Neighborhood Energy Saver	\$ -	\$ -	\$ -	6.54%	N/A	\$ -	76.87%	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Residential Energy Assessments	\$ 83,244	\$ (19,327)	\$ 63,918	6.54%	5	\$ 15,413	76.87%	\$ 20,252	\$ 20,252	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 Residential New Construction	\$ 197,538	\$ (45,976)	\$ 151,562	6.54%	10	\$ 21,159	76.87%	\$ 27,524	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 Residential Home Advantage	\$ -	\$ -	\$ -	6.54%	10	\$ -	76.87%	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 Total for Residential Conservation Programs	\$ 1,077,310	\$ (243,333)	\$ 824,557			\$ 203,944	76.87%	\$ 265,323	\$ (0)		\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 My Home Energy Report	\$ 529,682	\$ (122,531)	\$ 407,151	6.54%	1	\$ 407,151	76.87%	\$ 529,682	\$ 529,682	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 Total Residential Conservation and Behavioral Progra	\$ 1,607,992	\$ (371,864)	\$ 1,236,708			\$ 611,097	76.87%	\$ 790,005	\$ (0)		\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 EnergyWise	\$ (139,298)	\$ 39,830	\$ (179,128)	6.54%	10	\$ (17,051)	76.87%	\$ (22,109)	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16 Total Residential	\$ 1,468,294	\$ (335,034)	\$ 1,133,760			\$ 594,046	76.87%	\$ 772,897	\$ (0)		\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Programs																										
17 EE Programs																										
17 Energy Efficient Lighting	\$ 249,917	\$ (57,813)	\$ 192,104	6.54%	5	\$ 46,273	76.87%	\$ 60,199	\$ 60,199	0	\$ 0	\$ 0	\$ 1,216,058	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18 Non-Residential Smart Saver Prescriptive	\$ 1,075,415	\$ (248,776)	\$ 826,640	6.54%	3	\$ 212,332	76.87%	\$ 406,327	\$ 563,027	156,700	1	\$ 156,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 Non-Residential Smart Saver Custom	\$ 420,034	\$ (91,303)	\$ 328,731	6.54%	3	\$ 122,462	76.87%	\$ 158,926	\$ 158,926	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20 Non-Res SmartSaver Performance	\$ 14,448	\$ (3,148)	\$ 11,490	6.54%	3	\$ 4,341	76.87%	\$ 5,648	\$ 5,791	343	1	\$ 143	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21 Small Business Energy Saver	\$ 209,205	\$ (47,421)	\$ 161,784	6.54%	3	\$ 59,238	76.87%	\$ 116,726	\$ 116,670	45,755	1	\$ 45,755	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 Total for Non-Residential Conservation Programs	\$ 2,099,065	\$ (474,921)	\$ 1,624,144			\$ 374,638	76.87%	\$ 747,853	\$ 950,623	202,778	5	\$ 202,778	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 EnergyWise for Business	\$ (91,991)	\$ 21,280	\$ (70,711)	6.54%	1	\$ (70,711)	76.87%	\$ (91,991)	\$ (91,991)	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24 Commercial, Industrial, & Governmental Demand Re	\$ 633,250	\$ (144,136)	\$ 479,072	6.54%	3	\$ 181,010	76.87%	\$ 235,684	\$ 235,684	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25 Total for Non-Residential DSM Programs	\$ 521,259	\$ (122,896)	\$ 408,363			\$ 110,299	76.87%	\$ 143,693	\$ 143,693	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 Total Non Residential	\$ 2,620,323	\$ (605,736)	\$ 2,014,587			\$ 685,137	76.87%	\$ 891,546	\$ 1,094,316	202,778	5	\$ 202,778	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27 Total All Programs	\$ 4,089,418	\$ (940,770)	\$ 3,148,648			\$ 1,279,171	76.87%	\$ 1,664,443	\$ 1,886,914	202,778	5	\$ 202,778	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
 (2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Progress
Fields Exhibit 1
Vintage 2022 - January 1, 2022 to December 31, 2022
Docket No. E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H	I	I			
						=A*C*D	=(A-B)*C*D						
	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	NC Retail kWh Sales Allocation Factor	NC Allocated Total Cost	NC PRI	NC PPI	NC PPI Cap Adjustment	Unamortized Revenue Requirement (includes CAP)	Amortized Revenue Requirement (includes CAP)
Residential Programs													
EE Programs													
1 Energy Efficient Appliances and Devices	2,451	4,901	20,158,529	\$ 10,459,821	\$ 2,494,680	10.60%	86.2249134%	\$ 2,151,036		\$ 728,001		\$ 2,879,037	\$ 841,933
2 Appliance Recycling Program	-	-	-	-	-	10.60%	86.2249134%	-		\$ -		\$ -	\$ 31,968
3 Energy Efficiency Education Program	(283)	9	1,664,153	334,972	367,472	10.60%	86.2249134%	316,852	\$ 20,577	\$ -		\$ 337,429	\$ 20,577
4 Energy Efficient Lighting	6,119	2,603	37,316,321	22,923,015	6,332,078	10.60%	86.2249134%	5,459,829		\$ 1,516,385		\$ 6,976,214	\$ 2,901,820
5 Residential Smart Saver*	1,483	445	5,282,993	3,088,369	3,002,711	10.60%	86.2249134%	2,589,085		\$ 7,829		\$ 2,596,914	\$ (31,567)
6 Weatherization Pilot	21	19	113,385	58,002	49,176	10.60%	86.2249134%	42,402	\$ 3,563	\$ -		\$ 45,965	\$ 3,563
7 Multi-Family Energy Efficiency Program	321	426	2,670,018	1,205,430	572,714	10.60%	86.2249134%	493,822		\$ 57,829		\$ 551,651	\$ 249,372
8 Neighborhood Energy Saver	616	616	2,765,104	1,702,839	2,625,610	10.60%	86.2249134%	2,263,930	\$ 104,604	\$ -		\$ 2,368,534	\$ 104,604
9 Residential Energy Assessments	689	564	5,887,717	2,967,322	1,798,816	10.60%	86.2249134%	1,551,028		\$ 106,800		\$ 1,657,827	\$ 231,643
10 Residential New Construction	5,436	6,663	21,858,686	24,029,721	20,690,791	10.60%	86.2249134%	17,840,617		\$ 305,173		\$ 18,145,789	\$ 774,743
11 Residential Home Advantage	-	-	-	-	-	10.60%	86.2249134%	-		\$ -		\$ -	\$ 517
12 Total for Residential Conservation Programs	16,955	16,247	97,716,905	66,769,491	37,934,049			32,708,601	128,744	2,722,017	-	35,559,361	5,129,173
13 My Home Energy Report	37,168	34,330	193,193,377	9,656,602	3,623,098	10.60%	86.2249134%	\$ 3,124,013		\$ 551,453		\$ 3,675,466	\$ 551,453
14 Total Residential Conservation and Behavioral Programs	54,122	50,577	290,910,282	\$ 76,426,093	\$ 41,557,147			\$ 35,832,614	\$ 128,744	\$ 3,273,470	\$ 1,410	\$ 39,236,237	\$ 6,682,035
NC Residential Peak Demand Allocation Factor													
15 EnergyWise	31,426	11,992	-	5,558,137	3,241,866	10.60%	87.3612508%	\$ 2,832,134		\$ 214,493		\$ 3,046,628	\$ 4,154,526
Total Residential Demand Response Programs	31,426	11,992	-	5,558,137	3,241,866	10.60%	87.3612508%	\$ 2,832,134		\$ 214,493	\$ 23,928	\$ 3,070,556	\$ 4,178,454
16 Total Residential	85,548	62,569	290,910,282	\$ 81,984,230	\$ 44,799,012			\$ 38,664,748	\$ 128,744	\$ 3,487,963	\$ 25,338	\$ 42,306,793	\$ 9,860,489
Non-Residential Programs													
EE Programs													
17 Energy Efficient Lighting	999	219	3,853,186	2,458,090	717,664	10.60%	86.2249134%	\$ 618,805		\$ 159,072		\$ 777,877	\$ 969,727
18 Smart Saver* Non-Residential - Custom	1,861	870	8,095,116	4,419,825	3,008,768	10.60%	86.2249134%	2,598,308		\$ 128,968		\$ 2,727,276	\$ 435,184
19 Smart Saver* Non-Residential Prescriptive	7,281	5,831	39,754,334	21,265,889	9,532,527	10.60%	86.2249134%	8,219,413		\$ 1,072,411		\$ 9,291,824	\$ 3,085,574
20 NR E-2, Sub 1180 Adjustment (AEC)	-	-	282,353	-	68,566		100.0000000%	68,566		\$ -		\$ 68,566	\$ 68,566
21 Smart Saver(R) Non-Residential Performance Incentive Program	8	6	250,266	53,449	105,649	10.60%	86.2249134%	91,096		\$ (4,771)		\$ 86,325	\$ 36,407
22 Small Business Energy Saver	3,638	4,009	19,362,742	8,762,886	5,081,493	10.60%	86.2249134%	4,381,513		\$ 336,473		\$ 4,717,986	\$ 993,976
23 Total for Non-Residential Conservation Programs	13,787	10,936	71,597,997	\$ 36,960,140	\$ 18,514,667			\$ 15,973,700		\$ 1,692,154	\$ -	\$ 17,665,854	\$ 5,589,434
NC Non-Residential Peak Demand Allocation Factor													
24 EnergyWise for Business	3,193	65	24,452	331,689	1,198,684	10.60%	87.3612508%	\$ 1,047,185		\$ (80,286)		\$ 966,899	\$ (80,286)
25 Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EI)	-	-	-	-	-	10.60%	87.3612508%	\$ -		\$ -		\$ -	\$ 336,648
26 Total for Non-Residential DSM Programs	3,193	65	24,452	\$ 331,689	\$ 1,198,684			\$ 1,047,185	\$ -	\$ (80,286)	\$ 174,220	\$ 1,141,119	\$ 430,582
27 Total Non Residential	16,981	11,000	71,622,448	\$ 37,291,828	\$ 19,713,351			\$ 17,020,886	\$ -	\$ 1,611,867	\$ 174,220	\$ 18,806,973	\$ 6,020,016
28 Total All Programs	102,529	73,569	362,532,730	\$ 119,276,058	\$ 64,512,363			\$ 55,685,634	\$ 128,744	\$ 5,099,831	\$ 199,558	\$ 61,113,766	\$ 15,880,505
DSDR													
1 DSDR	173,743	160,608	36,435,947		\$ 6,871,743	N/A		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total All Programs with DSDR	276,272	234,178	398,968,678	\$ 119,276,058	\$ 71,384,106			\$ 55,685,634	\$ 128,744	\$ 5,099,831	\$ 199,558	\$ 61,113,766	\$ 15,880,505

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak
(3) Excluding DSDR, DEP's EE/DSM portfolio estimates a Winter Peak reduction of 73,622 kW systemwide in 2022.

Duke Energy Progress
Fields Exhibit 1
Vintage 2022 - January 1, 2022 to December 31, 2022
Docket No. E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C =A*B	D =A+C	E	F	G =PMT(E,F,D)	H =I*8	I	J													K =H		
	NC Incentive (PPI or PPI) from pg 1	Income Tax Rate	Income Taxes	Net-of-Tax PPI- Total NPV	Discount Rate	PPI Amortized on Period	Vintage Year 2022 - Year 1 PPI	Income Tax Gross-Up Factor	Adjusted PPI	I Prior Period PPI	Vintage 2009 PPI	Vintage 2010 PPI	Vintage 2011 PPI	Vintage 2012 PPI	Vintage 2013 PPI	Vintage 2014 PPI	Vintage 2015 PPI	Vintage 2016 PPI	Vintage 2017 PPI	Vintage 2018 PPI	Vintage 2019 PPI	Vintage 2020 PPI	Vintage 2021 PPI	PPI Values for Test Period	
Residential Programs																									
EE Programs																									
1 Appliances and Devices	\$ 728,001	23.13%	\$ (168,409)	\$ 559,593	6.48%	5	\$ 134,601	76.87%	\$ 175,109	\$ 666,824	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228,333	\$ 195,981	\$ 137,717	\$ 104,793	\$ 841,933
2 Appliance Recycling Program	\$ -	23.13%	\$ -	\$ -	6.48%	10	\$ -	76.87%	\$ -	\$ 31,968	\$ -	\$ -	\$ -	\$ -	\$ 17,038	\$ 7,505	\$ 4,492	\$ 3,011	\$ (79)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,968
3 Energy Education Program for Schools	\$ 20,577	23.13%	\$ (4,760)	\$ 15,817	6.48%	N/A	\$ 15,817	76.87%	\$ 20,577	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,577
4 Energy Efficient Lighting	\$ 1,516,385	23.13%	\$ (350,785)	\$ 1,165,600	6.48%	5	\$ 280,366	76.87%	\$ 364,741	\$ 2,537,079	\$ -	\$ -	\$ -	\$ -	\$ 636,857	\$ 397,825	\$ 332,048	\$ -	\$ -	\$ -	\$ 418,950	\$ 366,366	\$ 243,963	\$ 141,069	\$ 2,901,820
5 Residential Service - Smart Saver	\$ 7,829	23.13%	\$ (1,811)	\$ 6,018	6.48%	10	\$ 837	76.87%	\$ 1,088	\$ (32,656)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,647	\$ 24,334	\$ 13,823	\$ (9,166)	\$ (12,271)	\$ (14,011)	\$ (14,689)	\$ (35,323)	\$ (31,567)	
6 Weatherization Pilot	\$ 3,563	23.13%	\$ (824)	\$ 2,739	6.48%	N/A	\$ 2,739	76.87%	\$ 3,563	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,563
7 Multi-Family	\$ 57,829	23.13%	\$ (13,378)	\$ 44,452	6.48%	5	\$ 10,692	76.87%	\$ 13,810	\$ 235,462	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 123,296	\$ 92,863	\$ 12,097	\$ 7,207	\$ 240,372
8 Neighborhood Energy Saver	\$ 104,604	23.13%	\$ (24,198)	\$ 80,406	6.48%	N/A	\$ 80,406	76.87%	\$ 104,604	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,604
9 Residential Energy Assessments	\$ 106,800	23.13%	\$ (24,706)	\$ 82,094	6.48%	5	\$ 19,746	76.87%	\$ 25,689	\$ 205,955	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,701	\$ 54,208	\$ 45,994	\$ 20,052	\$ 231,643
9 Residential New Construction	\$ 305,173	23.13%	\$ (70,596)	\$ 234,577	6.48%	10	\$ 32,607	76.87%	\$ 42,420	\$ 732,323	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 54,738	\$ 72,258	\$ 139,487	\$ 138,767	\$ 135,410	\$ 60,340	\$ 56,144	\$ 27,526	\$ 774,743	
10 Residential Home Advantage	\$ -	23.13%	\$ -	\$ -	6.48%	10	\$ -	76.87%	\$ 517	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 517	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 517
10 Total for Residential Conservation Progs	2,850,761		(659,466)	2,191,294			577,810		751,701	4,377,472	-	-	-	-	702,066	474,715	433,132	156,321	129,522	979,420	755,748	481,227	265,323	5,129,173	
11 My Home Energy Report	\$ 551,453	23.13%	\$ (127,568)	\$ 423,885	6.48%	1	\$ 423,885	76.87%	\$ 551,453	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 551,453
12 Total Residential Conservation and Beh.	3,402,213		(787,034)	2,615,179			1,001,695		1,303,153	4,377,472	-	-	-	-	702,066	474,715	433,132	156,321	129,522	979,420	755,748	481,227	265,323	5,680,625	
13 EnergyWise® Home	\$ 214,493	23.13%	\$ (49,619)	\$ 164,875	6.48%	10	\$ 22,918	76.87%	\$ 29,815	\$ 4,124,711	\$ -	\$ -	\$ -	\$ -	\$ 301,384	\$ 369,522	\$ 265,373	\$ 911,314	\$ 796,851	\$ 716,674	\$ 676,304	\$ 109,486	\$ (22,198)	\$ 4,154,526	
14 Total Residential	3,616,707		(836,653)	2,780,054			1,024,613		1,332,969	8,502,183	-	-	-	-	1,003,450	844,237	698,504	1,067,635	926,373	1,696,094	1,432,052	590,712	243,125	9,835,152	
Non-Residential Programs																									
EE Programs																									
15 Energy Efficient Lighting	\$ 159,072	23.13%	\$ (36,798)	\$ 122,274	6.48%	5	\$ 29,411	76.87%	\$ 38,262	\$ 931,464	\$ -	\$ -	\$ -	\$ -	\$ 171,971	\$ 116,186	\$ 152,430	\$ -	\$ -	\$ 163,956	\$ 167,570	\$ 99,153	\$ 60,199	\$ 969,727	
16 Non-Residential Smart Saver Custom	\$ 128,968	23.13%	\$ (29,834)	\$ 99,134	6.48%	3	\$ 37,420	76.87%	\$ 48,681	\$ 386,502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 227,576	\$ 158,926	\$ 435,184	
17 Non-Residential Smart Saver Prescriptions	\$ 1,072,411	23.13%	\$ (248,091)	\$ 824,320	6.48%	3	\$ 211,158	76.87%	\$ 404,800	\$ 2,680,774	\$ -	\$ -	\$ -	\$ -	\$ 678,479	\$ 438,885	\$ 369,180	\$ -	\$ -	\$ -	\$ 787,693	\$ 406,537	\$ 3,085,574		
18 Non-Res SmartSaver Performance	\$ (4,771)	23.13%	\$ 1,104	\$ (3,667)	6.48%	3	\$ (1,384)	76.87%	\$ (1,801)	\$ 38,208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,560	\$ 5,648	\$ 36,407
19 Small Business Energy Saver	\$ 336,473	23.13%	\$ (77,836)	\$ 258,637	6.48%	3	\$ 97,627	76.87%	\$ 127,008	\$ 866,969	\$ -	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,323	\$ 241,051	\$ -	\$ -	\$ -	\$ -	\$ 211,152	\$ 116,735	\$ 993,976	
20 Total for Non-Residential Conservation	1,692,154		(391,446)	1,300,708			474,232		616,951	4,903,917	-	-	-	-	931,159	772,394	762,661	-	-	163,956	167,570	1,358,133	748,045	5,520,868	
21 EnergyWise® for Business	\$ (80,286)	23.13%	\$ 18,573	\$ (61,714)	6.48%	1	\$ (61,714)	76.87%	\$ (80,286)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (80,286)
22 Commercial, Industrial, Governmental I	\$ -	23.13%	\$ -	\$ -	6.48%	3	\$ -	76.87%	\$ -	\$ 336,648	\$ -	\$ -	\$ -	\$ -	\$ 9,714	\$ 25,139	\$ 4,414	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,897	\$ 235,484	\$ 336,648
23 Total for Non-Residential DSM Program	(80,286)		18,573	(61,714)			(61,714)		(80,286)	336,648	-	-	-	-	9,714	25,139	4,414	-	-	-	-	61,897	235,484	336,648	
24 Total Non-Residential	1,611,867		(372,873)	1,238,994			412,518		536,664	5,240,566	-	-	-	-	940,873	797,533	767,075	-	-	163,956	167,570	1,420,030	983,529	5,777,230	
25 Total All Programs	5,228,574		(1,209,526)	4,019,048			1,437,131		1,869,633	13,742,749	-	-	-	-	1,944,323	1,641,770	1,465,580	1,067,635	926,373	1,860,050	1,599,621	2,010,742	1,226,654	15,612,382	

Duke Energy Progress
Fields Exhibit 1
Vintage 2024 Estimate - January 1, 2024 to December 31, 2024
Docket No. E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F =A*C*D	G =(A-B)*C*D	H	I	J			
	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	NC Retail kWh Sales Allocation Factor	NC Allocated Total Cost	NC PRI	NC PPI	NC PPI Cap Reduction	Unamortized Revenue Requirement (includes CAP)	Amortized Revenue Requirement
Residential Programs													
EE Programs													
1 Energy Efficient Appliances and Devices	2,203	3,791	15,618,265	\$ 10,716,991	\$ 2,367,768	10.60%	86.2483215%	\$ 2,042,161		\$ 763,313	\$ -	\$ 2,805,473	\$ 931,730
2 Appliance Recycling Program	-	-	-	-	-	10.60%	86.2483215%	-		\$ -	\$ -	\$ -	\$ 7,425
3 Energy Efficiency Education Program	(922)	31	5,423,622	1,120,196	1,073,002	10.60%	86.2483215%	925,446	\$ 102,412	\$ -	\$ -	\$ 1,027,858	\$ 102,412
4 Energy Efficient Lighting	-	-	-	-	41,128	10.60%	86.2483215%	35,472		\$ (3,760)	\$ -	\$ 31,712	\$ 1,104,377
5 Income-Qualified Energy Efficiency and Weatherization	201	256	919,186	922,042	2,344,993	10.60%	86.2483215%	2,022,517	\$ 84,296	\$ -	\$ -	\$ 2,106,813	\$ 89,762
6 Residential Smart Saver*	1,745	536	6,301,625	5,412,944	4,000,209	10.60%	86.2483215%	3,450,113		\$ 129,157	\$ -	\$ 3,579,270	\$ 38,776
7 Weatherization Pilot	-	-	-	-	153,293	10.60%	86.2483215%	132,213		\$ (14,015)	\$ -	\$ 118,198	\$ (14,015)
8 Multi-Family Energy Efficiency Program	842	1,524	7,941,015	4,883,369	1,222,605	10.60%	86.2483215%	1,054,476		\$ 334,679	\$ -	\$ 1,389,155	\$ 273,947
9 Neighborhood Energy Saver	753	655	3,071,873	2,541,521	2,981,738	10.60%	86.2483215%	2,571,699	\$ 232,354	\$ -	\$ -	\$ 2,804,053	\$ 232,354
10 Residential Energy Assessments	1,934	1,631	17,065,054	10,385,382	5,218,489	10.60%	86.2483215%	4,500,860		\$ 472,374	\$ -	\$ 4,973,233	\$ 421,266
11 Residential New Construction	4,520	5,673	18,916,209	29,993,146	17,176,097	10.60%	86.2483215%	14,814,095		\$ 1,171,776	\$ -	\$ 15,985,871	\$ 1,593,644
12 Save Energy and Water Kit	-	-	-	-	-	10.60%	86.2483215%	-		\$ -	\$ -	\$ -	\$ -
13 Residential Home Advantage	-	-	-	-	-	10.60%	86.2483215%	-		\$ -	\$ -	\$ -	\$ -
14 Total for Residential Conservation Programs	11,276	14,097	75,256,850	65,975,589	36,579,322			31,549,052	419,062	2,853,524	\$ -	34,821,637	4,781,677
15 My Home Energy Report	37,612	34,741	195,502,512	12,282,659	4,697,711	10.60%	86.2483215%	\$ 4,051,697		\$ 693,440	\$ -	\$ 4,745,137	\$ 693,440
16 Total Residential Conservation and Behavioral Programs	48,888	48,838	270,759,362	\$ 78,258,248	\$ 41,277,033			\$ 35,600,748	\$ 419,062	\$ 3,546,964	\$ -	\$ 39,566,774	\$ 5,475,117
NC Residential Peak Demand Allocation Factor													
17 EnergyWise	69,626	58,927	-	13,794,591	6,109,233	10.60%	87.2597494%	\$ 5,330,902		\$ 710,860	\$ -	\$ 6,041,761	\$ 3,874,653
Total Residential Demand Response Programs	69,626	58,927	-	\$ 13,794,591	\$ 6,109,233	10.60%	0.0000000%	\$ 5,330,902	\$ -	\$ 710,860	\$ -	\$ 6,041,761	\$ 3,874,653
18 Total Residential	118,514	107,765	270,759,362	\$ 92,052,838	\$ 47,386,267			\$ 40,931,650	\$ 419,062	\$ 4,257,824	\$ -	\$ 45,608,536	\$ 9,349,770
Non-Residential Programs													
EE Programs													
19 Energy Efficient Lighting	-	-	-	-	-	10.60%	86.2483215%	-		\$ -	\$ -	\$ -	\$ 389,593
20 Smart Saver* Non-Residential - Custom	4,096	4,096	27,890,515	18,241,433	5,347,283	10.60%	86.2483215%	4,611,942		\$ 1,178,825	\$ -	\$ 5,790,767	\$ 822,724
21 Smart Saver* Non-Residential Prescriptive	10,159	8,295	60,480,678	41,741,698	15,700,927	10.60%	86.2483215%	13,541,786		\$ 2,380,731	\$ -	\$ 15,922,517	\$ 2,217,611
22 Smart Saver(R) Non-Residential Performance Incentive Program	257	257	2,249,035	1,256,244	407,498	10.60%	86.2483215%	351,460		\$ 77,595	\$ -	\$ 429,055	\$ 111,505
23 Small Business Energy Saver	6,394	6,226	36,343,154	22,918,131	8,879,537	10.60%	86.2483215%	7,658,452		\$ 1,283,453	\$ -	\$ 8,941,905	\$ 1,088,827
24 Total for Non-Residential Conservation Programs	20,906	18,874	126,963,382	\$ 84,157,505	\$ 30,335,245			\$ 26,163,640		\$ 4,920,604	\$ -	\$ 31,084,244	\$ 4,630,260
NC Non-Residential Peak Demand Allocation Factor													
25 EnergyWise for Business	4,772	2,366	117,810	1,077,482	1,383,604	10.60%	87.2597494%	\$ 1,207,330		\$ (28,315)	\$ -	\$ 1,179,015	\$ (28,315)
26 Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EE)	3,106	1,957	-	8,383,113	2,154,131	10.60%	87.2597494%	\$ 1,879,689		\$ 576,152	\$ -	\$ 2,455,841	\$ 442,083
27 Total for Non-Residential DSM Programs	7,878	4,323	117,810	\$ 9,460,595	\$ 3,537,736			\$ 3,087,019	\$ -	\$ 547,837	\$ -	\$ 3,634,856	\$ 413,768
28 Total Non-Residential	28,784	23,197	127,081,192	\$ 93,618,101	\$ 33,872,981			\$ 29,250,659	\$ -	\$ 5,468,441	\$ -	\$ 34,719,100	\$ 5,044,028
29 Total All Programs	147,298	130,962	397,840,554	\$ 185,670,939	\$ 81,259,247			\$ 70,182,309	\$ 419,062	\$ 9,726,265	\$ -	\$ 80,327,636	\$ 14,393,799

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Progress
For the Period January 1, 2019 - December 31, 2024
Docket No. E-2, Sub 1322
North Carolina Net Lost Revenue for Vintages 2019 - 2024

Fields Exhibit 2, page 1

Vintage 2019								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ 112,171	\$ 134,328	\$ 32,495	\$ 25,256	\$ -	\$ -	\$ 304,249
2	Energy Efficient Appliances and Devices	\$ 519,362	\$ 809,749	\$ 373,622	\$ 230,839	\$ -	\$ -	\$ 1,949,702
3	Energy Efficient Lighting	\$ 1,046,007	\$ 1,415,001	\$ 564,269	\$ 300,902	\$ -	\$ -	\$ 3,366,981
4	Multi-Family Energy Efficiency Program	\$ 423,542	\$ 555,648	\$ 200,450	\$ 132,766	\$ -	\$ -	\$ 1,312,406
5	My Home Energy Report	\$ 8,899,054	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,899,054
6	Neighborhood Energy Saver	\$ 78,921	\$ 97,228	\$ 35,256	\$ 20,335	\$ -	\$ -	\$ 231,940
7	Residential Energy Assessments	\$ 244,004	\$ 349,823	\$ 139,680	\$ 91,224	\$ -	\$ -	\$ 817,110
8	Residential New Construction	\$ 523,723	\$ 819,825	\$ 362,871	\$ 247,241	\$ -	\$ -	\$ 1,949,459
9	Residential Smart Saver®	\$ 210,489	\$ 324,373	\$ 151,098	\$ 86,235	\$ -	\$ -	\$ 769,795
10	Weatherization Pilot	\$ 5,115	\$ 9,056	\$ 4,430	\$ 2,668	\$ -	\$ -	\$ 21,560
11	Total Lost Revenues	\$ 12,147,674	\$ 4,499,543	\$ 1,854,198	\$ 1,218,326	\$ -	\$ -	\$ 19,719,742
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ 12,147,674	\$ 4,499,543	\$ 1,854,198	\$ 1,218,326	\$ -	\$ -	\$ 19,719,742

Non-Residential								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ 208,345	\$ 278,400	\$ 105,078	\$ 72,284	\$ -	\$ -	\$ 664,117
15	EnergyWise for Business	\$ 21,332	\$ 35,074	\$ 15,754	\$ 11,100	\$ -	\$ -	\$ 83,271
16	Small Business Energy Saver	\$ 813,467	\$ 1,146,686	\$ 421,528	\$ 316,336	\$ -	\$ -	\$ 2,698,216
17	Smart Saver(R) Non-Residential Performance Incentive Pn	\$ 30,568	\$ 50,421	\$ 26,063	\$ 17,814	\$ -	\$ -	\$ 124,870
18	Smart Saver(R) Non-Residential Prescriptive	\$ 1,230,532	\$ 1,647,610	\$ 630,809	\$ 443,462	\$ -	\$ -	\$ 3,942,512
19	Smart Saver(R) Non-Residential - Custom	\$ 221,855	\$ -	\$ -	\$ 178,192	\$ -	\$ -	\$ 1,079,854
20	Total Lost Revenues	\$ 2,516,129	\$ 3,615,797	\$ 1,421,566	\$ 1,039,488	\$ -	\$ -	\$ 8,592,880
21	Found Non-Residential Revenues	\$ (2,607,151)	\$ (92,599)	\$ (1,367)	\$ (1,367)	\$ -	\$ -	\$ (8,965)
22	Net Lost Non-Residential Revenues	\$ 2,513,442	\$ 3,612,091	\$ 1,420,209	\$ 1,038,653	\$ -	\$ -	\$ 8,584,395

(a) Lost revenues were estimated by applying forecasted lost revenue rates for residential and non-residential customers to state specific forecasted program participation.

Vintage 2020								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ 39,491	\$ 88,008	\$ 87,175	\$ 52,768	\$ -	\$ 267,432
2	Energy Efficient Appliances and Devices	\$ -	\$ 478,379	\$ 968,716	\$ 899,567	\$ 527,431	\$ -	\$ 2,874,093
3	Energy Efficient Lighting	\$ -	\$ 528,526	\$ 989,620	\$ 980,284	\$ 503,036	\$ -	\$ 2,999,472
4	Multi-Family Energy Efficiency Program	\$ -	\$ 135,974	\$ 591,548	\$ 100,089	\$ 7,545	\$ -	\$ 825,156
5	My Home Energy Report	\$ -	\$ 9,210,111	\$ 6,927	\$ 6,862	\$ 808	\$ -	\$ 9,210,111
6	Neighborhood Energy Saver	\$ -	\$ 8,475	\$ 6,927	\$ 6,862	\$ 808	\$ -	\$ 23,073
7	Residential Energy Assessments	\$ -	\$ 173,012	\$ 399,375	\$ 393,603	\$ 239,207	\$ -	\$ 1,207,296
8	Residential New Construction	\$ -	\$ 619,088	\$ 1,203,842	\$ 1,162,175	\$ 629,200	\$ -	\$ 3,634,305
9	Residential Smart Saver®	\$ -	\$ 201,498	\$ 409,252	\$ 405,387	\$ 217,075	\$ -	\$ 1,233,209
10	Weatherization Pilot	\$ -	\$ 3,895	\$ 8,917	\$ 7,990	\$ -	\$ -	\$ 20,802
11	Total Lost Revenues	\$ -	\$ 11,390,406	\$ 4,175,062	\$ 4,135,632	\$ 2,181,814	\$ -	\$ 21,882,915
12	Found Residential Revenues	\$ -	\$ (1,172,172)	\$ (292)	\$ (292)	\$ -	\$ -	\$ (1,464,456)
13	Net Lost Residential Revenues	\$ -	\$ 10,218,234	\$ 3,874,770	\$ 3,835,340	\$ 2,181,814	\$ -	\$ 20,418,459

Non-Residential								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ 104,028	\$ 187,638	\$ 201,969	\$ 103,221	\$ -	\$ 696,755
15	EnergyWise for Business	\$ -	\$ 18,787	\$ 184,677	\$ 174,892	\$ 109,859	\$ 61,743	\$ 579,958
16	Small Business Energy Saver	\$ -	\$ 449,403	\$ 685,579	\$ 738,344	\$ 342,666	\$ -	\$ 2,216,992
17	Smart Saver(R) Non-Residential Performance Incentive Pn	\$ -	\$ 28,728	\$ 69,425	\$ 174,410	\$ 141,326	\$ -	\$ 514,489
18	Smart Saver(R) Non-Residential Prescriptive	\$ -	\$ 917,030	\$ 1,633,932	\$ 1,759,887	\$ 929,365	\$ -	\$ 5,240,014
19	Smart Saver(R) Non-Residential - Custom	\$ -	\$ 260,426	\$ 348,869	\$ 388,514	\$ 366,192	\$ -	\$ 1,373,129
20	Total Lost Revenues	\$ -	\$ 1,772,392	\$ 3,252,068	\$ 3,449,623	\$ 1,863,307	\$ -	\$ 10,369,971
21	Found Non-Residential Revenues	\$ -	\$ (3,566)	\$ (6,679)	\$ (6,679)	\$ (1,641)	\$ -	\$ (12,572)
22	Net Lost Non-Residential Revenues	\$ -	\$ 1,768,826	\$ 3,224,409	\$ 3,442,944	\$ 1,861,666	\$ -	\$ 10,327,399

Vintage 2021								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ 62,992	\$ 107,208	\$ 105,903	\$ 44,231	\$ 320,334
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ 584,238	\$ 747,892	\$ 738,878	\$ 225,739	\$ 2,296,837
3	Energy Efficient Lighting	\$ -	\$ -	\$ 624,136	\$ 1,189,093	\$ 1,153,875	\$ 542,743	\$ 3,488,847
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ 20,063	\$ 102,949	\$ 101,666	\$ 77,093	\$ 305,820
5	My Home Energy Report	\$ -	\$ -	\$ 11,825,124	\$ -	\$ 30,326	\$ 19,541	\$ 11,825,124
6	Neighborhood Energy Saver	\$ -	\$ -	\$ 10,969	\$ 30,726	\$ 30,363	\$ 19,541	\$ 81,600
7	Residential Energy Assessments	\$ -	\$ -	\$ 170,278	\$ 383,504	\$ 378,836	\$ 212,057	\$ 1,144,675
8	Residential New Construction	\$ -	\$ -	\$ 622,871	\$ 1,416,720	\$ 1,399,478	\$ 688,842	\$ 4,128,899
9	Residential Smart Saver®	\$ -	\$ -	\$ 257,139	\$ 473,691	\$ 468,123	\$ 216,347	\$ 1,415,500
10	Weatherization Pilot	\$ -	\$ -	\$ 9,271	\$ 17,566	\$ 17,737	\$ 8,170	\$ 52,744
11	Total Lost Revenues	\$ -	\$ -	\$ 14,332,624	\$ 4,449,264	\$ 4,344,879	\$ 1,939,820	\$ 26,118,341
12	Found Residential Revenues	\$ -	\$ -	\$ (241)	\$ (670)	\$ (670)	\$ (490)	\$ (1,971)
13	Net Lost Residential Revenues	\$ -	\$ -	\$ 14,332,384	\$ 4,448,594	\$ 4,339,209	\$ 1,939,330	\$ 25,116,370

Non-Residential								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ 164,623	\$ 307,876	\$ 304,227	\$ 143,034	\$ -	\$ 919,859
15	EnergyWise for Business	\$ -	\$ 1,931	\$ 2,897	\$ 2,892	\$ 804	\$ -	\$ 8,485
16	Small Business Energy Saver	\$ -	\$ 464,118	\$ 694,798	\$ 692,456	\$ 478,935	\$ -	\$ 2,869,296
17	Smart Saver(R) Non-Residential Performance Incentive Program	\$ -	\$ 21,896	\$ 42,964	\$ 42,295	\$ 19,062	\$ -	\$ 126,216
18	Smart Saver(R) Non-Residential Prescriptive	\$ -	\$ 916,888	\$ 1,646,686	\$ 1,919,711	\$ 942,304	\$ -	\$ 5,725,362
19	Smart Saver(R) Non-Residential - Custom	\$ -	\$ 393,152	\$ 551,831	\$ 651,927	\$ 329,603	\$ -	\$ 1,926,513
20	Total Lost Revenues	\$ -	\$ 1,872,698	\$ 3,946,464	\$ 3,889,068	\$ 1,912,945	\$ -	\$ 11,617,525
21	Found Non-Residential Revenues	\$ -	\$ (24,422)	\$ (6,826)	\$ (6,826)	\$ -	\$ -	\$ (37,076)
22	Net Lost Non-Residential Revenues	\$ -	\$ 1,848,276	\$ 3,939,638	\$ 3,882,242	\$ 1,912,945	\$ -	\$ 11,580,449

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Vintage 2022								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ -	\$ 43,441	\$ 95,444	\$ 95,371	\$ 234,255
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ -	\$ 683,630	\$ 1,266,874	\$ 1,265,709	\$ 3,196,209
3	Energy Efficient Lighting	\$ -	\$ -	\$ -	\$ 986,764	\$ 2,239,632	\$ 2,232,921	\$ 5,465,317
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ -	\$ 111,143	\$ 177,350	\$ 177,215	\$ 465,708
5	My Home Energy Report	\$ -	\$ -	\$ -	\$ 12,096,366	\$ -	\$ -	\$ 12,096,366
6	Neighborhood Energy Saver	\$ -	\$ -	\$ -	\$ 77,874	\$ 156,399	\$ 156,280	\$ 390,553
7	Residential Energy Assessments	\$ -	\$ -	\$ -	\$ 223,843	\$ 371,952	\$ 370,789	\$ 966,584
8	Residential New Construction	\$ -	\$ -	\$ -	\$ 799,773	\$ 1,551,703	\$ 1,550,515	\$ 3,901,990
9	Residential Smart Saver®	\$ -	\$ -	\$ -	\$ 204,430	\$ 361,696	\$ 361,419	\$ 927,544
10	Weatherization Pilot	\$ -	\$ -	\$ -	\$ 6,667	\$ 15,952	\$ 15,952	\$ 38,671
11	Total Lost Revenues	\$ -	\$ -	\$ -	\$ 15,213,209	\$ 6,224,029	\$ 6,219,266	\$ 27,656,324
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ (9,860)	\$ (15,656)	\$ (15,656)	\$ (31,172)
13	Net Lost Residential Revenues	\$ -	\$ -	\$ -	\$ 15,203,349	\$ 6,208,373	\$ 6,203,610	\$ 27,615,152

Non-Residential								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ -	\$ -	\$ 1,118	\$ 1,205	\$ 1,204	\$ 3,527
15	EnergyWise for Business	\$ -	\$ -	\$ -	\$ 93,466	\$ 182,029	\$ 181,841	\$ 457,336
16	Small Business Energy Saver	\$ -	\$ -	\$ -	\$ 503,507	\$ 910,751	\$ 909,896	\$ 2,324,154
17	Smart Saver(R) Non-Residential Performance Incentive Pn	\$ -	\$ -	\$ -	\$ 2,343	\$ 19,204	\$ 19,190	\$ 41,737
18	Smart Saver(R) Non-Residential Prescriptive	\$ -	\$ -	\$ -	\$ 814,022	\$ 1,549,083	\$ 1,547,577	\$ 3,910,682
19	Smart Saver(R) Non-Residential - Custom	\$ -	\$ -	\$ -	\$ 916,888	\$ 1,646,686	\$ 1,646,686	\$ 3,910,260
20	Total Lost Revenues	\$ -	\$ -	\$ -	\$ 1,698,268	\$ 3,124,233	\$ 3,121,196	\$ 7,944,397
21	Found Non-Residential Revenues	\$ -	\$ -	\$ -	\$ (29,899)	\$ (49,323)	\$ (49,323)	\$ (117,545)
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ -	\$ 1,668,369	\$ 3,074,910	\$ 3,071,873	\$ 7,826,852

Vintage 2023								
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ -	\$ -	\$ 150,100	\$ 278,828	\$ 428,928
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ -	\$ -	\$ 960,074	\$ 1,034,000	\$ 1,994,074
3	Energy Efficient Lighting	\$ -	\$ -	\$ -	\$ -	\$ 212,340	\$ 429,800	\$ 642,140
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ -	\$ -	\$ 356,967	\$ 659,017	\$ 1,015,984
5	My Home Energy Report	\$ -	\$ -	\$ -	\$ -	\$ 10,144,666	\$ -	\$ 10,144,666
6	Neighborhood Energy Saver	\$ -	\$ -	\$ -	\$ -	\$ 131,175	\$ 250,539	\$ 381,709
7	Residential Energy Assessments	\$ -	\$ -	\$ -	\$ -	\$ 527,834	\$ 895,919	\$ 1,423,753
8	Residential New Construction	\$ -	\$ -	\$ -	\$ -	\$ 832,175	\$ 1,618,493	\$ 2,450,668
9	Residential Smart Saver®	\$ -	\$ -	\$ -	\$ -	\$ 243,725	\$ 449,952	\$ 693,677
10	Weatherization Pilot	\$ -	\$ -	\$ -	\$ -	\$ 204,		

Duke Energy Progress
 For the Period January 1, 2019 - December 31, 2021
 Docket No. E-2, Sub 1322
 North Carolina Net Lost Revenue
 True Up for Vintages 2019 - 2021

		Vintage 2019 as Filed Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ 112,171	\$ 134,338	\$ 32,528	\$ 25,540	\$ -	\$ -	\$ 304,577
2	Energy Efficient Appliances and Devices	\$ 515,392	\$ 809,864	\$ 374,006	\$ 253,762	\$ -	\$ -	\$ 1,953,024
3	Energy Efficient Lighting	\$ 1,044,587	\$ 1,411,674	\$ 554,828	\$ 354,546	\$ -	\$ -	\$ 3,365,635
4	Multi-Family Energy Efficiency Program	\$ 423,542	\$ 555,710	\$ 200,656	\$ 134,260	\$ -	\$ -	\$ 1,314,167
5	My Home Energy Report	\$ 8,989,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,989,654
6	Neighborhood Energy Saver	\$ 82,557	\$ 109,512	\$ 43,341	\$ 26,812	\$ -	\$ -	\$ 262,222
7	Residential Energy Assessments	\$ 244,084	\$ 341,865	\$ 140,124	\$ 92,250	\$ -	\$ -	\$ 818,323
8	Residential New Construction	\$ 523,723	\$ 815,936	\$ 363,043	\$ 250,022	\$ -	\$ -	\$ 1,952,725
9	Residential Smart Saver®	\$ 210,486	\$ 324,420	\$ 151,191	\$ 97,924	\$ -	\$ -	\$ 784,021
10	Weatherization Pilot	\$ 3,908	\$ 6,826	\$ 3,274	\$ 2,193	\$ -	\$ -	\$ 16,201
11	Lost Residential Revenues	\$ 12,150,103	\$ 4,510,143	\$ 1,862,992	\$ 1,237,310	\$ -	\$ -	\$ 19,760,548
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ 12,150,103	\$ 4,510,143	\$ 1,862,992	\$ 1,237,310	\$ -	\$ -	\$ 19,760,548

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ 208,345	\$ 278,434	\$ 105,186	\$ 67,259	\$ -	\$ -	\$ 659,224
15	EnergyWise for Business	\$ 21,449	\$ 35,193	\$ 15,775	\$ 10,323	\$ -	\$ -	\$ 82,740
16	Small Business Energy Saver	\$ 813,467	\$ 1,146,686	\$ 421,528	\$ 294,189	\$ -	\$ -	\$ 2,675,869
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ 30,568	\$ 50,425	\$ 26,063	\$ 16,649	\$ -	\$ -	\$ 123,705
18	Smart Saver® Non Residential Prescriptive	\$ 1,221,053	\$ 1,647,977	\$ 630,839	\$ 412,102	\$ -	\$ -	\$ 3,911,972
19	Smart Saver® Non-Residential - Custom	\$ 221,885	\$ 457,593	\$ 222,234	\$ 165,603	\$ -	\$ -	\$ 1,067,314
20	Net Lost Non-Residential Revenues	\$ 2,516,766	\$ 3,616,307	\$ 1,421,626	\$ 966,125	\$ -	\$ -	\$ 8,520,824
21	Found Non- Residential Revenues	\$ (2,687)	\$ (3,706)	\$ (1,357)	\$ (835)	\$ -	\$ -	\$ (8,585)
22	Net Lost Non-Residential Revenues	\$ 2,514,080	\$ 3,612,601	\$ 1,420,268	\$ 965,290	\$ -	\$ -	\$ 8,512,240

		Vintage 2020 as Filed Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ 39,503	\$ 88,045	\$ 88,104	\$ 53,914	\$ -	\$ 269,565
2	Energy Efficient Appliances and Devices	\$ -	\$ 478,497	\$ 969,112	\$ 969,761	\$ 538,770	\$ -	\$ 2,956,141
3	Energy Efficient Lighting	\$ -	\$ 526,646	\$ 990,034	\$ 990,698	\$ 513,855	\$ -	\$ 3,021,232
4	Multi-Family Energy Efficiency Program	\$ -	\$ 136,010	\$ 101,668	\$ 101,737	\$ 7,717	\$ -	\$ 347,132
5	My Home Energy Report	\$ -	\$ 9,210,111	\$ -	\$ -	\$ -	\$ -	\$ 9,210,111
6	Neighborhood Energy Saver	\$ -	\$ 12,247	\$ 10,020	\$ 10,027	\$ 1,194	\$ -	\$ 33,488
7	Residential Energy Assessments	\$ -	\$ 173,035	\$ 399,452	\$ 399,720	\$ 244,411	\$ -	\$ 1,216,618
8	Residential New Construction	\$ -	\$ 613,230	\$ 1,204,018	\$ 1,204,825	\$ 642,728	\$ -	\$ 3,664,802
9	Residential Smart Saver®	\$ -	\$ 201,538	\$ 409,393	\$ 409,668	\$ 221,737	\$ -	\$ 1,242,336
10	Weatherization Pilot	\$ -	\$ 2,892	\$ 6,640	\$ 6,645	\$ 4,109	\$ -	\$ 20,286
11	Lost Residential Revenues	\$ -	\$ 11,393,708	\$ 4,178,382	\$ 4,181,183	\$ 2,228,435	\$ -	\$ 21,981,709
12	Found Residential Revenues	\$ -	\$ -	\$ (12)	\$ (12)	\$ (22)	\$ -	\$ (47)
13	Net Lost Residential Revenues	\$ -	\$ 11,393,708	\$ 4,178,370	\$ 4,181,170	\$ 2,228,413	\$ -	\$ 21,981,662

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ 104,052	\$ 187,612	\$ 187,787	\$ 97,294	\$ -	\$ 576,746
15	EnergyWise for Business	\$ -	\$ 14,795	\$ 18,491	\$ 18,508	\$ 8,123	\$ -	\$ 59,917
16	Small Business Energy Saver	\$ -	\$ 460,707	\$ 723,691	\$ 724,366	\$ 348,913	\$ -	\$ 2,257,677
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ 26,728	\$ 161,946	\$ 162,097	\$ 133,188	\$ -	\$ 483,959
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ 917,203	\$ 1,634,100	\$ 1,635,623	\$ 875,894	\$ -	\$ 5,062,820
19	Smart Saver® Non-Residential - Custom	\$ -	\$ 260,424	\$ 544,599	\$ 545,107	\$ 320,605	\$ -	\$ 1,670,735
20	Total Lost Revenues	\$ -	\$ 1,783,909	\$ 3,270,439	\$ 3,273,487	\$ 1,784,018	\$ -	\$ 10,111,854
21	Found Non- Residential Revenues	\$ -	\$ (5,064)	\$ (9,609)	\$ (9,609)	\$ (5,421)	\$ -	\$ (29,702)
22	Net Lost Non-Residential Revenues	\$ -	\$ 1,778,845	\$ 3,260,830	\$ 3,263,878	\$ 1,778,597	\$ -	\$ 10,082,151

		Vintage 2021 as Filed Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ 62,992	\$ 108,303	\$ 108,163	\$ -	\$ 279,458
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ 524,238	\$ 755,620	\$ 754,649	\$ -	\$ 2,034,507
3	Energy Efficient Lighting	\$ -	\$ -	\$ 624,135	\$ 1,180,020	\$ 1,178,504	\$ -	\$ 2,982,660
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ 25,083	\$ 104,000	\$ 103,866	\$ -	\$ 232,949
5	My Home Energy Report	\$ -	\$ -	\$ 11,825,124	\$ -	\$ -	\$ -	\$ 11,825,124
6	Neighborhood Energy Saver	\$ -	\$ -	\$ 15,460	\$ 42,987	\$ 42,931	\$ -	\$ 101,378
7	Residential Energy Assessments	\$ -	\$ -	\$ 170,278	\$ 387,420	\$ 386,922	\$ -	\$ 944,621
8	Residential New Construction	\$ -	\$ -	\$ 822,871	\$ 1,431,186	\$ 1,429,347	\$ -	\$ 3,683,404
9	Residential Smart Saver®	\$ -	\$ -	\$ 257,139	\$ 478,730	\$ 478,115	\$ -	\$ 1,213,984
10	Weatherization Pilot	\$ -	\$ -	\$ 8,458	\$ 15,131	\$ 15,112	\$ -	\$ 38,701
11	Lost Residential Revenues	\$ -	\$ -	\$ 14,335,779	\$ 4,503,396	\$ 4,497,611	\$ -	\$ 23,336,786
12	Found Residential Revenues	\$ -	\$ -	\$ (1)	\$ (228)	\$ (456)	\$ -	\$ (456)
13	Net Lost Residential Revenues	\$ -	\$ -	\$ 14,335,778	\$ 4,503,168	\$ 4,497,384	\$ -	\$ 23,336,330

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ -	\$ 164,625	\$ 311,121	\$ 310,721	\$ -	\$ 786,466
15	EnergyWise for Business	\$ -	\$ -	\$ 1,931	\$ 2,693	\$ 2,688	\$ -	\$ 7,312
16	Small Business Energy Saver	\$ -	\$ -	\$ 513,518	\$ 1,011,963	\$ 1,010,169	\$ -	\$ 2,535,651
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ -	\$ 21,896	\$ 39,930	\$ 39,860	\$ -	\$ 101,686
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ -	\$ 1,085,743	\$ 2,145,267	\$ 2,141,463	\$ -	\$ 5,372,474
19	Smart Saver® Non-Residential - Custom	\$ -	\$ -	\$ 303,152	\$ 615,107	\$ 614,016	\$ -	\$ 1,532,275
20	Total Lost Revenues	\$ -	\$ -	\$ 2,090,865	\$ 4,126,080	\$ 4,118,917	\$ -	\$ 10,335,863
21	Found Non- Residential Revenues	\$ -	\$ -	\$ (2,826)	\$ (5,545)	\$ (5,545)	\$ -	\$ (13,917)
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ 2,088,039	\$ 4,120,535	\$ 4,113,372	\$ -	\$ 10,321,946

Duke Energy Progress
 For the Period January 1, 2019 - December 31, 2021
 Docket No. E-2, Sub 1322
 North Carolina Net Lost Revenue
 True Up for Vintages 2019 - 2021

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		Vintage 2019 True Up Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ 112,171	\$ 134,328	\$ 32,495	\$ 25,256	\$ -	\$ -	\$ 304,249
2	Energy Efficient Appliances and Devices	\$ 515,392	\$ 809,749	\$ 373,622	\$ 250,939	\$ -	\$ -	\$ 1,949,702
3	Energy Efficient Lighting	\$ 1,044,587	\$ 1,411,504	\$ 554,259	\$ 350,602	\$ -	\$ -	\$ 3,360,951
4	Multi-Family Energy Efficiency Program	\$ 423,542	\$ 555,648	\$ 200,450	\$ 132,766	\$ -	\$ -	\$ 1,312,406
5	My Home Energy Report	\$ 8,989,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,989,654
6	Neighborhood Energy Saver	\$ 78,921	\$ 97,228	\$ 35,256	\$ 20,535	\$ -	\$ -	\$ 231,940
7	Residential Energy Assessments	\$ 244,084	\$ 341,822	\$ 139,980	\$ 91,224	\$ -	\$ -	\$ 817,110
8	Residential New Construction	\$ 523,723	\$ 815,825	\$ 362,671	\$ 247,241	\$ -	\$ -	\$ 1,949,459
9	Residential Smart Saver®	\$ 210,486	\$ 324,373	\$ 151,036	\$ 96,835	\$ -	\$ -	\$ 782,730
10	Weatherization Pilot	\$ 5,115	\$ 9,066	\$ 4,430	\$ 2,928	\$ -	\$ -	\$ 21,540
11	Lost Residential Revenues	\$ 12,147,674	\$ 4,499,543	\$ 1,854,198	\$ 1,218,326	\$ -	\$ -	\$ 19,719,742
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ 12,147,674	\$ 4,499,543	\$ 1,854,198	\$ 1,218,326	\$ -	\$ -	\$ 19,719,742

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ 208,345	\$ 278,400	\$ 105,078	\$ 72,294	\$ -	\$ -	\$ 664,117
15	EnergyWise for Business	\$ 21,332	\$ 35,074	\$ 15,764	\$ 11,100	\$ -	\$ -	\$ 83,271
16	Small Business Energy Saver	\$ 813,467	\$ 1,146,686	\$ 421,528	\$ 316,536	\$ -	\$ -	\$ 2,698,216
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ 30,568	\$ 50,425	\$ 26,063	\$ 17,914	\$ -	\$ -	\$ 124,970
18	Smart Saver® Non Residential Prescriptive	\$ 1,220,532	\$ 1,647,619	\$ 630,899	\$ 443,462	\$ -	\$ -	\$ 3,942,512
19	Smart Saver® Non-Residential - Custom	\$ 221,885	\$ 457,593	\$ 222,234	\$ 178,182	\$ -	\$ -	\$ 1,079,894
20	Net Lost Non-Residential Revenues	\$ 2,516,129	\$ 3,615,797	\$ 1,421,566	\$ 1,039,488	\$ -	\$ -	\$ 8,592,980
21	Found Non- Residential Revenues	\$ (2,687)	\$ (3,706)	\$ (1,357)	\$ (835)	\$ -	\$ -	\$ (8,585)
22	Net Lost Non-Residential Revenues	\$ 2,513,442	\$ 3,612,091	\$ 1,420,209	\$ 1,038,653	\$ -	\$ -	\$ 8,584,395

		Vintage 2020 True Up Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ 39,491	\$ 88,006	\$ 87,175	\$ 52,780	\$ -	\$ 267,452
2	Energy Efficient Appliances and Devices	\$ -	\$ 478,379	\$ 968,716	\$ 959,567	\$ 527,431	\$ -	\$ 2,934,094
3	Energy Efficient Lighting	\$ -	\$ 526,525	\$ 989,630	\$ 980,284	\$ 503,036	\$ -	\$ 2,999,475
4	Multi-Family Energy Efficiency Program	\$ -	\$ 135,974	\$ 101,548	\$ 100,589	\$ 7,545	\$ -	\$ 345,656
5	My Home Energy Report	\$ -	\$ 9,210,111	\$ -	\$ -	\$ -	\$ -	\$ 9,210,111
6	Neighborhood Energy Saver	\$ -	\$ 8,475	\$ 6,927	\$ 6,862	\$ 808	\$ -	\$ 23,073
7	Residential Energy Assessments	\$ -	\$ 173,012	\$ 399,375	\$ 395,603	\$ 239,297	\$ -	\$ 1,207,286
8	Residential New Construction	\$ -	\$ 613,088	\$ 1,203,542	\$ 1,192,175	\$ 629,200	\$ -	\$ 3,638,005
9	Residential Smart Saver®	\$ -	\$ 201,496	\$ 409,252	\$ 405,387	\$ 217,075	\$ -	\$ 1,233,209
10	Weatherization Pilot	\$ -	\$ 3,855	\$ 8,067	\$ 7,990	\$ 4,642	\$ -	\$ 24,553
11	Lost Residential Revenues	\$ -	\$ 11,390,406	\$ 4,175,062	\$ 4,135,632	\$ 2,181,814	\$ -	\$ 21,882,915
12	Found Residential Revenues	\$ -	\$ -	\$ (12)	\$ (12)	\$ (22)	\$ -	\$ (47)
13	Net Lost Residential Revenues	\$ -	\$ 11,390,406	\$ 4,175,050	\$ 4,135,620	\$ 2,181,792	\$ -	\$ 21,882,868

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ 104,028	\$ 187,536	\$ 201,969	\$ 103,221	\$ -	\$ 596,755
15	EnergyWise for Business	\$ -	\$ 14,780	\$ 18,477	\$ 19,899	\$ 8,617	\$ -	\$ 61,773
16	Small Business Energy Saver	\$ -	\$ 449,403	\$ 685,579	\$ 738,344	\$ 342,666	\$ -	\$ 2,215,992
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ 26,728	\$ 161,946	\$ 174,410	\$ 141,325	\$ -	\$ 504,408
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ 917,030	\$ 1,633,932	\$ 1,759,687	\$ 929,365	\$ -	\$ 5,240,014
19	Smart Saver® Non-Residential - Custom	\$ -	\$ 260,424	\$ 544,599	\$ 586,514	\$ 340,192	\$ -	\$ 1,731,729
20	Total Lost Revenues	\$ -	\$ 1,772,393	\$ 3,232,068	\$ 3,480,823	\$ 1,865,387	\$ -	\$ 10,350,671
21	Found Non- Residential Revenues	\$ -	\$ (5,064)	\$ (9,609)	\$ (9,609)	\$ (3,641)	\$ -	\$ (27,922)
22	Net Lost Non-Residential Revenues	\$ -	\$ 1,767,329	\$ 3,222,459	\$ 3,471,214	\$ 1,861,746	\$ -	\$ 10,322,749

		Vintage 2021 True Up Lost Revenue kWh \$						
Line	Residential	2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ 62,992	\$ 107,208	\$ 105,903	\$ 44,231	\$ 320,334
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ 524,238	\$ 747,982	\$ 738,878	\$ 225,739	\$ 2,236,837
3	Energy Efficient Lighting	\$ -	\$ -	\$ 624,136	\$ 1,168,093	\$ 1,153,875	\$ 542,743	\$ 3,488,847
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ 25,083	\$ 102,949	\$ 101,696	\$ 77,093	\$ 306,820
5	My Home Energy Report	\$ -	\$ -	\$ 11,825,124	\$ -	\$ -	\$ -	\$ 11,825,124
6	Neighborhood Energy Saver	\$ -	\$ -	\$ 10,993	\$ 30,726	\$ 30,352	\$ 19,581	\$ 91,652
7	Residential Energy Assessments	\$ -	\$ -	\$ 170,278	\$ 383,504	\$ 378,836	\$ 212,057	\$ 1,144,675
8	Residential New Construction	\$ -	\$ -	\$ 822,871	\$ 1,416,720	\$ 1,399,476	\$ 593,842	\$ 4,232,909
9	Residential Smart Saver®	\$ -	\$ -	\$ 257,139	\$ 473,891	\$ 468,123	\$ 216,347	\$ 1,415,500
10	Weatherization Pilot	\$ -	\$ -	\$ 9,771	\$ 17,955	\$ 17,737	\$ 8,170	\$ 53,632
11	Lost Residential Revenues	\$ -	\$ -	\$ 14,332,624	\$ 4,449,028	\$ 4,394,876	\$ 1,939,803	\$ 25,116,331
12	Found Residential Revenues	\$ -	\$ -	\$ (241)	\$ (670)	\$ (670)	\$ (430)	\$ (2,011)
13	Net Lost Residential Revenues	\$ -	\$ -	\$ 14,332,384	\$ 4,448,358	\$ 4,394,205	\$ 1,939,374	\$ 25,114,320

		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ -	\$ 164,623	\$ 307,976	\$ 304,227	\$ 143,034	\$ 919,859
15	EnergyWise for Business	\$ -	\$ -	\$ 1,931	\$ 2,897	\$ 2,852	\$ 804	\$ 8,485
16	Small Business Energy Saver	\$ -	\$ -	\$ 464,118	\$ 984,788	\$ 969,456	\$ 476,935	\$ 2,895,298
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ -	\$ 21,896	\$ 42,964	\$ 42,295	\$ 19,062	\$ 126,216
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ -	\$ 916,328	\$ 1,946,008	\$ 1,915,711	\$ 943,304	\$ 5,721,352
19	Smart Saver® Non-Residential - Custom	\$ -	\$ -	\$ 303,152	\$ 661,831	\$ 651,527	\$ 329,805	\$ 1,946,316
20	Total Lost Revenues	\$ -	\$ -	\$ 1,872,049	\$ 3,946,464	\$ 3,886,068	\$ 1,912,945	\$ 11,617,525
21	Found Non- Residential Revenues	\$ -	\$ -	\$ (3,412)	\$ (6,626)	\$ (2,761)	\$ -	\$ (12,799)
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ 1,868,637	\$ 3,939,838	\$ 3,883,307	\$ 1,912,945	\$ 11,604,727

Duke Energy Progress
 For the Period January 1, 2019 - December 31, 2021
 Docket No. E-2, Sub 1322
 North Carolina Net Lost Revenue
 True Up for Vintages 2019 - 2021

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Line	Residential	Vintage 2019 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ (10)	\$ (33)	\$ (284)	\$ -	\$ -	\$ (327)
2	Energy Efficient Appliances and Devices	\$ -	\$ (115)	\$ (384)	\$ (2,823)	\$ -	\$ -	\$ (3,321)
3	Energy Efficient Lighting	\$ -	\$ (170)	\$ (570)	\$ (3,944)	\$ -	\$ -	\$ (4,684)
4	Multi-Family Energy Efficiency Program	\$ -	\$ (62)	\$ (206)	\$ (1,494)	\$ -	\$ -	\$ (1,761)
5	My Home Energy Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Neighborhood Energy Saver	\$ (3,636)	\$ (12,284)	\$ (8,085)	\$ (6,277)	\$ -	\$ -	\$ (30,282)
7	Residential Energy Assessments	\$ -	\$ (43)	\$ (144)	\$ (1,026)	\$ -	\$ -	\$ (1,213)
8	Residential New Construction	\$ 0	\$ (111)	\$ (373)	\$ (2,781)	\$ -	\$ -	\$ (3,265)
9	Residential Smart Saver®	\$ -	\$ (46)	\$ (155)	\$ (1,089)	\$ -	\$ -	\$ (1,291)
10	Weatherization Pilot	\$ 1,207	\$ 2,241	\$ 1,157	\$ 735	\$ -	\$ -	\$ 5,339
11	Lost Residential Revenues	\$ (2,429)	\$ (10,600)	\$ (8,793)	\$ (18,983)	\$ -	\$ -	\$ (40,806)
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ (2,429)	\$ (10,600)	\$ (8,793)	\$ (18,983)	\$ -	\$ -	\$ (40,806)

Line	Non-Residential	Vintage 2019 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ (34)	\$ (108)	\$ 5,035	\$ -	\$ -	\$ 4,893
15	EnergyWise for Business	\$ (117)	\$ (119)	\$ (11)	\$ 777	\$ -	\$ -	\$ 531
16	Small Business Energy Saver	\$ -	\$ -	\$ -	\$ 22,347	\$ -	\$ -	\$ 22,347
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ -	\$ -	\$ 1,265	\$ -	\$ -	\$ 1,265
18	Smart Saver® Non Residential Prescriptive	\$ (520)	\$ (358)	\$ 59	\$ 31,359	\$ -	\$ -	\$ 30,540
19	Smart Saver® Non-Residential - Custom	\$ -	\$ -	\$ -	\$ 12,579	\$ -	\$ -	\$ 12,579
20	Net Lost Non-Residential Revenues	\$ (637)	\$ (510)	\$ (60)	\$ 73,363	\$ -	\$ -	\$ 72,155
21	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Net Lost Non-Residential Revenues	\$ (637)	\$ (510)	\$ (60)	\$ 73,363	\$ -	\$ -	\$ 72,155

Line	Residential	Vintage 2020 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ (12)	\$ (39)	\$ (929)	\$ (1,134)	\$ -	\$ (2,113)
2	Energy Efficient Appliances and Devices	\$ -	\$ (118)	\$ (396)	\$ (10,194)	\$ (11,339)	\$ -	\$ (22,047)
3	Energy Efficient Lighting	\$ -	\$ (121)	\$ (404)	\$ (10,414)	\$ (10,818)	\$ -	\$ (21,757)
4	Multi-Family Energy Efficiency Program	\$ -	\$ (36)	\$ (120)	\$ (1,148)	\$ (172)	\$ -	\$ (1,476)
5	My Home Energy Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Neighborhood Energy Saver	\$ -	\$ (3,772)	\$ (3,093)	\$ (3,165)	\$ (386)	\$ -	\$ (10,415)
7	Residential Energy Assessments	\$ -	\$ (23)	\$ (77)	\$ (4,117)	\$ (5,114)	\$ -	\$ (9,331)
8	Residential New Construction	\$ -	\$ (142)	\$ (476)	\$ (12,650)	\$ (13,528)	\$ -	\$ (26,797)
9	Residential Smart Saver®	\$ -	\$ (42)	\$ (141)	\$ (4,281)	\$ (4,662)	\$ -	\$ (9,127)
10	Weatherization Pilot	\$ -	\$ 963	\$ 1,426	\$ 1,346	\$ 533	\$ -	\$ 4,268
11	Lost Residential Revenues	\$ -	\$ (3,302)	\$ (3,320)	\$ (45,550)	\$ (46,621)	\$ -	\$ (98,794)
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ -	\$ (3,302)	\$ (3,320)	\$ (45,550)	\$ (46,621)	\$ -	\$ (98,794)

Line	Non-Residential	Vintage 2020 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ (24)	\$ (77)	\$ 14,182	\$ 5,928	\$ -	\$ 20,009
15	EnergyWise for Business	\$ -	\$ (15)	\$ (14)	\$ 1,391	\$ 494	\$ -	\$ 1,856
16	Small Business Energy Saver	\$ -	\$ (11,304)	\$ (38,112)	\$ 13,978	\$ (6,247)	\$ -	\$ (41,685)
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ -	\$ -	\$ 12,313	\$ 8,137	\$ -	\$ 20,450
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ (174)	\$ (168)	\$ 124,064	\$ 53,471	\$ -	\$ 177,194
19	Smart Saver® Non-Residential - Custom	\$ -	\$ -	\$ -	\$ 41,407	\$ 19,586	\$ -	\$ 60,994
20	Total Lost Revenues	\$ -	\$ (11,516)	\$ (38,371)	\$ 207,336	\$ 81,369	\$ -	\$ 238,818
21	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ 1,780	\$ -	\$ 1,780
22	Net Lost Non-Residential Revenues	\$ -	\$ (11,516)	\$ (38,371)	\$ 207,336	\$ 83,149	\$ -	\$ 240,597

Line	Residential	Vintage 2021 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
1	Energy Efficiency Education Program	\$ -	\$ -	\$ -	\$ (1,095)	\$ (2,260)	\$ 44,231	\$ 40,876
2	Energy Efficient Appliances and Devices	\$ -	\$ -	\$ -	\$ (7,638)	\$ (15,771)	\$ 225,739	\$ 202,330
3	Energy Efficient Lighting	\$ -	\$ -	\$ 1	\$ (11,927)	\$ (24,629)	\$ 542,743	\$ 506,188
4	Multi-Family Energy Efficiency Program	\$ -	\$ -	\$ -	\$ (1,051)	\$ (2,171)	\$ 77,093	\$ 73,871
5	My Home Energy Report	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Neighborhood Energy Saver	\$ -	\$ -	\$ (4,467)	\$ (12,261)	\$ (12,579)	\$ 19,581	\$ (9,726)
7	Residential Energy Assessments	\$ -	\$ -	\$ -	\$ (3,916)	\$ (8,086)	\$ 212,057	\$ 200,055
8	Residential New Construction	\$ -	\$ -	\$ (0)	\$ (14,466)	\$ (29,872)	\$ 593,842	\$ 549,505
9	Residential Smart Saver®	\$ -	\$ -	\$ -	\$ (4,839)	\$ (9,992)	\$ 216,347	\$ 201,516
10	Weatherization Pilot	\$ -	\$ -	\$ 1,312	\$ 2,824	\$ 2,625	\$ 8,170	\$ 14,931
11	Lost Residential Revenues	\$ -	\$ -	\$ (3,154)	\$ (54,368)	\$ (102,736)	\$ 1,939,803	\$ 1,779,546
12	Found Residential Revenues	\$ -	\$ -	\$ (240)	\$ (443)	\$ (443)	\$ (430)	\$ (1,555)
13	Net Lost Residential Revenues	\$ -	\$ -	\$ (3,394)	\$ (54,811)	\$ (103,179)	\$ 1,939,374	\$ 1,777,990

Line	Non-Residential	Vintage 2021 Variance Lost Revenue kWh \$						
		2019	2020	2021	2022	2023	2024	Total
14	Energy Efficient Lighting	\$ -	\$ -	\$ (1)	\$ (3,145)	\$ (6,494)	\$ 143,034	\$ 133,393
15	EnergyWise for Business	\$ -	\$ -	\$ -	\$ 205	\$ 164	\$ 804	\$ 1,173
16	Small Business Energy Saver	\$ -	\$ -	\$ (49,400)	\$ (27,175)	\$ (40,713)	\$ 476,935	\$ 359,647
17	Smart Saver(R) Non Residential Performance Incentive Program	\$ -	\$ -	\$ -	\$ 3,033	\$ 2,435	\$ 19,062	\$ 24,530
18	Smart Saver® Non Residential Prescriptive	\$ -	\$ -	\$ (169,415)	\$ (19,259)	\$ (225,752)	\$ 943,304	\$ 348,878
19	Smart Saver® Non-Residential - Custom	\$ -	\$ -	\$ -	\$ 46,225	\$ 37,511	\$ 329,805	\$ 414,041
20	Total Lost Revenues	\$ -	\$ -	\$ (218,817)	\$ (179,617)	\$ (232,849)	\$ 1,912,945	\$ 1,281,662
21	Found Non- Residential Revenues	\$ -	\$ -	\$ (585)	\$ (1,081)	\$ 2,784	\$ -	\$ 1,118,27
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ (219,402)	\$ (180,698)	\$ (230,064)	\$ 1,912,945	\$ 1,282,781

Duke Energy Progress
 Changes to DSM/EE Cost Recovery Vintage 2022 True Up January 1, 2022 - December 31, 2022
 Changes from Prior Filing Due to Application of M&V and Participation
 System kWh and kW Impacts Net Free Riders at the Plant

Residential Programs

Program Name	Filed in Docket E-2, Sub 1252		Filed in Docket E-2, Sub 1322		Overall Variance		E-2 Sub 1322	E-2 Sub 1294	Delta	Variance attributable to Participation		Variance attributable to Mix of Measures		Variance attributable to EM&V		Sum of Variances	
	kWh	kW	kWh	kW	kWh	kW	System Participation	System Participation	Participation	kWh	kW	kWh	kW	kWh	kW	kWh	kW
Energy Efficient Appliances and Devices	34,103,786	2,721	20,158,529	2,451	(13,945,257)	(269)	578,705	401,456	(177,249)	(11,477,158)	(411)	(1,646,945)	(501)	(821,154)	643	(13,945,257)	(269)
Energy Efficiency Education Program	5,777,606	690	1,664,153	(283)	(4,113,452)	(972)	17,395	3,332	(14,063)	(4,670,925)	(558)	-	-	557,473	(415)	(4,113,452)	(972)
Energy Efficient Lighting	15,793,393	2,603	37,316,321	6,119	21,522,927	3,516	1,041,439	1,542,457	501,018	5,688,800	938	-	-	15,834,128	2,578	21,522,927	3,516
Residential Smart Saver*	5,747,317	1,475	5,282,993	1,483	(464,324)	7	17,624	16,116	(1,508)	(464,324)	7	-	-	0	(0)	(464,324)	7
Weatherization Pilot	159,960	27	113,385	21	(46,574)	(6)	1,407	995	(412)	(49,594)	(9)	(30,824)	(3)	33,844	6	(46,574)	(6)
Multi-Family Energy Efficiency Program	10,550,408	1,389	2,670,018	321	(7,880,390)	(1,068)	284,437	49,692	(234,745)	(8,419,922)	(1,123)	504,869	37	34,662	19	(7,880,390)	(1,068)
Neighborhood Energy Saver	4,699,288	1,018	2,765,104	717	(1,934,184)	(301)	6,400	4,812	(1,588)	(1,101,031)	(241)	-	-	(833,153)	(60)	(1,934,184)	(301)
Residential Energy Assessments	15,281,862	1,826	5,887,717	689	(9,394,145)	(1,137)	84,127	23,556	(60,571)	(9,394,145)	(1,137)	-	-	-	-	(9,394,145)	(1,137)
Residential New Construction	17,933,111	5,191	21,858,686	5,436	3,925,575	245	13,652,508	18,377,303	4,724,795	3,922,727	244	2,848	1	-	-	3,925,575	245
My Home Energy Report	157,153,012	54,936	193,193,377	37,168	36,040,365	(17,769)	786,175	820,496	34,321	5,713,163	1,907	-	-	30,327,202	(19,676)	36,040,365	(17,769)
Power Manager	-	23,138	-	31,426	-	8,288	24,810	34,304	9,493	-	9,122	-	-	-	(834)	-	8,288
Residential Programs Total	267,199,742	95,015	290,910,282	85,548	23,710,540	(9,466)	16,495,028	21,273,519	4,778,491	(20,252,409)	8,739	(1,170,052)	(466)	45,133,001	(17,739)	23,710,540	(9,466)

Non-Residential Programs

Program Name	Filed in Docket E-2, Sub 1252		Filed in Docket E-2, Sub 1322		Overall Variance		E-2 Sub 1322	E-2 Sub 1294	Delta	Variance attributable to Participation		Variance attributable to Mix of Measures		Variance attributable to EM&V		Sum of Variances	
	kWh	kW	kWh	kW	kWh	kW	System Participation	System Participation	Participation	kWh	kW	kWh	kW	kWh	kW	kWh	kW
Energy Efficient Lighting NR	4,158,893	1,078	3,853,186	999	(305,707)	(79)	126,188	127,052	864	(305,707)	(79)	-	-	-	-	(305,707)	(79)
Smart Saver* Non-Residential - Custom	20,862,620	2,925	8,095,116	1,861	(12,767,504)	(1,064)	16,844	3,565	(13,279)	-	-	(12,767,504)	(1,064)	-	-	(12,767,504)	(1,064)
Smart Saver(R) Non-Residential Prescriptive	70,901,100	12,751	39,960,524	7,281	(30,940,576)	(5,470)	2,239,166	3,026,954	787,788	(19,480,207)	(4,060)	(2,884,448)	(369)	(8,575,921)	(1,041)	(30,940,576)	(5,470)
Smart Saver(R) Non-Residential Performance Incentive Pr	2,544,145	290	250,266	8	(2,293,879)	(282)	3,064,165	2	(3,064,163)	-	-	(2,293,879)	(282)	-	-	(2,293,879)	(282)
Small Business Energy Saver	52,365,662	10,523	19,362,742	3,638	(33,002,920)	(6,885)	51,239,189	19,847,445	(31,391,744)	(23,703,961)	(5,114)	(7,794,750)	(1,580)	(1,504,208)	(191)	(33,002,920)	(6,885)
EnergyWise for Business	-	7,934	24,452	3,193	24,452	(4,741)	8,418	3,304	(5,114)	-	(4,747)	24,452	6	-	(0)	24,452	(4,741)
Commercial, Industrial, Governmental Energy Efficiency (-	3,153	-	-	-	(3,153)	(14)	(191)	(177)	-	(454,685)	-	-	-	-	451,532	(3,153)
Non-Residential Programs Total	150,832,421	38,655	71,546,286	16,980	(79,286,135)	(21,675)	56,693,955	23,008,131	(33,685,825)	(43,489,875)	(468,684)	(25,716,130)	(3,290)	(10,080,130)	450,300	(79,286,135)	(21,675)

Distribution System Demand Response

DSDR	44,325,569	281,340	36,435,947	173,743	(7,889,622)	(107,597)	-	-	-	N/A	N/A	-	-	-	-	N/A	N/A
Total Residential and Non-Residential Programs	462,357,732	415,009	398,892,515	276,272	(63,465,217)	(138,737)	73,188,983	44,281,649	(28,907,334)	(63,742,284)	(459,946)	(26,886,183)	(3,756)	35,052,871	432,561	(55,575,595)	(31,141)

NOTE - The actual per unit impacts are reflective of the following EM&V reports:

Program Name As Filed	Docket	Report Reference	Effective Date
EnergyWise Home	E-2 Sub 927	EM&V Report for the EnergyWise Home Demand Response Program; Summer 2021	10/1/2022
Neighborhood Energy Saver	E-2 Sub 952	Duke Energy Progress & Duke Energy Carolinas Neighborhood Energy Saver Program 2021 Evaluation Report - FINAL	7/1/2019
Small Business Energy Saver	E-2 Sub 1022	EM&V Report for the Duke Energy Small Business Energy Saver Program 2019-2020 (Revised)	7/1/2020
EnergyWise for Business	E-2 Sub 1086	EM&V Report for the Duke Energy 2020/2021 EnergyWise Business Program (DR)	10/1/2021
Non-Residential Smart Saver	E-2 Sub 938	Smart Saver Non-Residential Custom Program Years 2018-2019 Evaluation Report	8/1/2022
Income Qualified Weatherization	E-2 Sub 1299	Duke Energy Progress 2022 Non-Profit Low Income Weatherization Pay for Performance Pilot Program Evaluation Report - Final	1/1/2019
Energy Efficiency Lighting	E-2 Sub 950	Duke Energy Carolinas & Duke Energy Progress Retail Lighting Program 2022 Evaluation Report - Final	4/1/2022
EnergyWise Home	E-2 Sub 927	EM&V Report for the EnergyWise Home Demand Response Program; Winter 2021/2022	4/1/2022
Non-Residential Smart Saver	E-2 Sub 938	Duke Energy Carolinas/Duke Energy Progress Non-Residential Smart Saver* Prescriptive Program Evaluation Report - Final	1/1/2021

Duke Energy Progress, LLC
 Docket Number E-2, Sub 1322
 Actual Program and Avoided Costs, January 1, 2017 - December 31, 2022

Market	Program	2017		2018		2019		2020		2021		2022	
		Program Costs	Avoided Costs	Program Costs	Avoided Costs	Program Costs	Avoided Costs	Program Costs	Avoided Costs	Program Costs	Avoided Costs	Program Costs	Avoided Costs
Residential	Appliance Recycling Program	\$ 5,586	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential	Energy Efficient Appliances and Devices	-	-	-	-	2,160,799	10,224,171	3,051,854	8,710,041	1,336,043	5,644,364	2,494,680	10,459,821
Residential	Energy Efficiency Education Program	835,991	1,376,442	676,815	1,261,453	747,483	1,039,694	388,273	412,495	396,660	360,751	367,472	334,972
Residential	Energy Efficient Lighting	12,229,222	39,549,493	9,815,496	33,767,282	13,447,031	35,415,070	5,995,694	20,092,826	6,212,512	14,487,182	7,049,742	25,381,105
Residential	Power Manager	6,502,032	62,410,503	5,817,271	55,969,158	5,806,874	53,221,850	1,110,200	8,817,400	2,443,378	882,669	3,241,866	5,558,137
Residential	Weatherization Pilot	-	-	-	-	27,356	109,701	51,370	79,198	63,139	123,740	49,176	58,002
Residential	Multi-Family Energy Efficiency Program	2,514,413	10,163,052	2,409,743	8,510,368	2,156,484	5,977,179	892,251	1,389,245	377,471	673,764	572,714	1,205,430
Residential	My Home Energy Report	6,753,153	6,838,444	7,687,891	9,647,930	6,299,307	11,494,728	7,369,336	10,733,674	4,152,580	9,398,049	3,623,098	9,656,602
Residential	Neighborhood Energy Saver	1,781,211	1,117,743	1,845,739	1,682,539	1,671,298	1,244,442	401,046	143,940	601,722	187,939	2,625,610	1,702,839
Residential	Residential Energy Assessments	1,863,486	5,512,365	1,851,965	5,373,437	2,113,798	4,344,111	2,160,729	4,050,428	2,046,087	2,870,462	1,798,816	2,967,322
Residential	Residential Smart Saver®	6,961,463	6,313,442	7,168,833	6,300,422	6,411,758	5,417,341	6,494,225	5,453,175	6,365,722	3,855,373	3,002,711	3,088,369
Residential	Residential New Construction	11,671,724	21,481,837	13,189,949	22,773,154	15,113,951	19,396,567	18,861,261	22,840,461	18,415,175	20,371,403	20,690,791	24,029,721
Residential	Save Energy and Water Kit	888,869	17,187,186	825,279	10,207,563	-	-	-	-	-	-	-	-
Non-Residential	Business Energy Report	20,330	737	-	-	-	-	-	-	-	-	-	-
Non-Residential	Commercial, Industrial, Governmental Energy Effic	1,393,650	3,551,967	1,154,642	1,412,804	1,811,347	4,394,068	1,352,902	2,964,614	5,512,341	11,618,565	-	-
Non-Residential	EnergyWise for Business	1,390,549	858,655	2,108,030	151,825	2,412,880	921,420	1,896,524	691,466	1,358,137	456,862	1,198,684	331,689
Non-Residential	Energy Efficiency for Business	21,749,807	77,891,372	-	-	-	-	-	-	-	-	-	-
Non-Residential	Non-Residential Smart Saver Prescriptive	-	-	11,515,913	65,391,512	7,877,838	31,468,924	7,863,953	28,514,369	8,272,474	18,927,860	9,601,093	21,266,139
Non-Residential	Non-Residential Smart Saver Custom	-	-	2,174,163	8,907,633	2,776,482	9,658,177	3,514,807	9,481,018	3,861,513	8,026,993	3,008,768	4,419,825
Non-Residential	Non-Res SmartSaver Performance	147,160	335,899	201,559	810,478	267,186	606,333	386,339	1,239,947	225,576	373,606	105,649	53,449
Non-Residential	Small Business Energy Saver	8,770,755	26,945,514	8,858,213	22,342,803	7,301,790	17,456,367	5,004,816	10,540,437	5,575,420	8,635,052	5,081,493	8,762,886
		\$ 85,479,401	\$ 281,534,651	\$ 77,301,500	\$ 254,510,362	\$ 78,403,665	\$ 212,390,144	\$ 66,795,579	\$ 136,154,734	\$ 67,215,950	\$ 106,894,634	\$ 64,512,363	\$ 119,276,308

Costs as Filed in	Docket Number
2015	E-2, Sub 1174
2016	E-2, Sub 1206
2017	E-2, Sub 1206
2018	E-2, Sub 1273
2019	E-2, Sub 1273
2020	E-2, Sub 1273
2021	E-2, Sub 1294
2022	E-2, Sub 1322