

**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	85.634%	E2 * F2	\$ 2,661,704	\$ -
3 Energy Efficiency Education Program	392	3,283,839	1,039,694	\$ 747,483	0.00%	\$ -	\$ 747,483	85.634%	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	85.634%	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	85.634%	E5 * F5	\$ 5,390,565	\$ -
6 Weatherization Pilot	34	178,739	109,701	\$ 27,356	0.00%	\$ -	\$ 27,356	85.634%	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	85.634%	E7 * F7	\$ 2,231,113	\$ -
8 Neighborhood Energy Saver	451	3,115,614	1,244,442	\$ 1,671,298	0.00%	\$ -	\$ 1,671,298	85.634%	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	85.634%	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	85.634%	E10 * F11	\$ 13,373,543	\$ -
11 Residential Home Advantage	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.634%	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	85.634%	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	\$ -
								NC Residential Peak Demand Allocation Factor	Allocation Factor (2)		
15 EnergyWise	28,993	-	53,221,850	\$ 5,806,874	11.75%	\$ 5,571,260	\$ 11,378,134	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			\$ 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	13,129,686	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 5
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Docket Number E-2, Sub 1322
Load Impacts and Estimated Revenue Requirements by Program

Table with columns: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P. Rows include Residential Programs (EE Programs, Appliances and Devices, Energy Education Program for Schools, etc.) and Non-Residential Programs (Energy Efficient Lighting, Smart Savers, Commercial/Industrial, etc.). Columns include metrics like Income Tax Rate, Income Taxes, Net-of-Tax PPI - Total NPV, Discount Rate, PPI Amortization Period, and various PPI values for different vintages.

(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

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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%	\$ (122,323)	\$ 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%	Allocation Factor	\$ 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	\$ 417,133	\$ -
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%		\$ 1,269,442	\$ 17
24	Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EEB)	1,928	-	\$ 2,964,614	\$ 1,352,902	11.75%	\$ 189,976	\$ 1,542,278	86.339%	Allocation Factor	\$ 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%	Allocation Factor	\$ 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	51.99%		\$ 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	50.532%		\$ 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

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Table with columns A through O, including categories like Residential Programs, EE Programs, Non-Residential Programs, and Total All Programs. Rows include program names, incentive values, income taxes, net-of-tax PPI, discount rates, and PPI amortization periods, followed by a detailed breakdown of PPI over time from 2009 to 2019.

(1) My Home Energy Report impacts reflect cumulative capability of field of vintage prior, including impacts for participants from prior vintages

(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to total system peak

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	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 (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%	\$ -	\$ -	85.940%	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 Efficient Education Program	(316)	10	1,857,439	\$ 390,751	\$ 396,660	0.00%	\$ -	\$ 396,660	85.940%	E3 * F3	\$ 340,898	\$ -
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	\$ 6,265,722	11.75%	\$ (294,966)	\$ 6,070,756	85.940%	E5 * F5	\$ 5,217,181	\$ (0)
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	\$ -
15	EnergyWise	28,705	(38)	-	\$ 882,669	\$ 2,443,378	11.75%	\$ (183,383)	\$ 2,259,994	86.866%	Allocati on	\$ 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	86.866%	Peak Demand Allocation Factor	\$ 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	\$ 0
18	Smart Saver® Non-Residential Prescriptive	6,304	5,226	40,090,560	\$ 18,927,860	\$ 8,272,474	11.75%	\$ 1,252,008	\$ 9,524,482	85.940%	E18 * F18	\$ 8,185,298	\$ 156,490
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	\$ 143
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	\$ 45,935
22	Total for Non-Residential Conservation Programs	14,202	13,058	79,277,476	\$ 39,070,883	\$ 18,567,417		\$ 2,409,157	\$ 20,976,574			\$ 18,027,176	\$ 202,568
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, EEB)	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	12,378	103	54,238	\$ 12,075,427	\$ 6,870,478		\$ 611,581	\$ 7,482,060	86.866%	Allocati on	\$ 4,253,212	\$ -
26	Total Non-Residential	26,578	13,161	79,331,714	\$ 51,146,310	\$ 25,437,895		\$ 3,020,739	\$ 28,458,634	86.866%	50.26%	\$ 22,280,388	\$ 202,568
27	Total All Programs	103,926	58,159	333,210,720	\$ 106,894,634	\$ 67,215,950		\$ 4,707,964	\$ 71,923,913	86.866%	0.19737	\$ 61,901,389	\$ 202,568
(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	378,819	333,052	369,648,996	\$ 106,894,634	\$ 76,921,527		\$ 4,707,964	\$ 81,629,491			\$ 61,901,389	\$ 202,568

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									-PMT(E,F,D)	+B	+L	+M	+N	+O	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) Collection	Carrying Costs	Over/(Under) Collection at Cost	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	PPI Values for Test Period	
Residential Programs																																					
NC Incentive	Income Tax Rate	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) Collection	Carrying Costs	Over/(Under) Collection at Cost	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	PPI Values for Test Period										
EE Programs																																					
1 Appliances Recycling Program	\$	23.13%	\$		6.54%	10	\$	76.87%	\$		\$		\$		\$	70,814	\$		\$	38,047	\$	17,038	\$	7,505	\$	4,452	\$	3,011	\$	(79)	\$		\$		76,814		
2 Appliances and Devices	\$	435,050	23.13%	\$	(100,640)	\$	334,410	6.54%	5	\$	80,551	76.87%	\$	104,793	\$	104,793	\$																		104,793		
3 Energy Education Program for Schools	\$	23.13%	\$		6.54%	NA	\$	76.87%	\$		\$		\$		\$																						
4 Energy Efficient Lighting	\$	585,651	23.13%	\$	(136,478)	\$	449,173	6.54%	5	\$	108,156	76.87%	\$	141,989	\$	141,989	\$	(8)																		141,981	
5 Residential Service - Smart Meter	\$	(263,402)	23.13%	\$	58,840	\$	(194,562)	6.54%	10	\$	(27,152)	76.87%	\$	(35,323)	\$	(35,323)	\$	(8)																		(35,323)	
6 Low Income Weatherization Pilot	\$	23.13%	\$		6.54%	5	\$	76.87%	\$		\$		\$		\$																						
7 Multi-family Energy Efficiency Program	\$	29,919	23.13%	\$	(8,501)	\$	21,418	6.54%	5	\$	5,540	76.87%	\$	7,207	\$	7,207	\$																			7,207	
8 Neighborhood Energy Saver	\$	83,244	23.13%	\$	(19,257)	\$	63,987	6.54%	NA	\$		76.87%	\$		\$																						
9 Residential Energy Assessments	\$	83,244	23.13%	\$	(19,257)	\$	63,987	6.54%	5	\$	15,413	76.87%	\$	20,052	\$	20,052	\$																			20,052	
10 Residential New Construction	\$	197,538	23.13%	\$	(45,696)	\$	151,841	6.54%	10	\$	21,159	76.87%	\$	27,526	\$	27,526	\$																			27,526	
11 Residential Home Advantage	\$	1,077,919	23.13%	\$	(249,353)	\$	828,566	6.54%	10	\$	263,946	76.87%	\$	349,332	\$	349,332	\$	(8)																		349,324	
12 Total for Residential Conservation Programs	\$	1,077,919	23.13%	\$	(249,353)	\$	828,566	6.54%	10	\$	263,946	76.87%	\$	349,332	\$	349,332	\$	(8)																		349,324	
13 My Home Energy Report	\$	529,682	23.13%	\$	(122,531)	\$	407,151	6.54%	1	\$	407,151	76.87%	\$	529,682	\$	529,682	\$																				529,682
14 Total Residential Conservation and Behavioral Programs	\$	1,607,602	23.13%	\$	(371,884)	\$	1,235,718	6.54%	10	\$	611,097	76.87%	\$	798,015	\$	798,015	\$	(8)																			798,007
15 EnergyWise	\$	(159,286)	23.13%	\$	38,800	\$	(192,486)	6.54%	10	\$	(17,083)	76.87%	\$	(22,198)	\$	(22,198)	\$																				(22,198)
16 Total Residential	\$	1,448,316	23.13%	\$	(333,084)	\$	1,115,232	6.54%	10	\$	443,014	76.87%	\$	575,817	\$	575,817	\$	(8)																			575,809
NC Incentive	Income Tax Rate	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) Collection	Carrying Costs	Over/(Under) Collection at Cost	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	PPI Values for Test Period										
Non-Residential Programs																																					
EE Programs																																					
17 Energy Efficient Lighting	\$	249,917	23.13%	\$	(57,813)	\$	192,104	6.54%	5	\$	48,273	76.87%	\$	60,199	\$	60,199	\$	0																		60,199	
18 Non-Residential Smart Meter Prescriptive	\$	1,075,970	23.13%	\$	(248,904)	\$	827,066	6.54%	5	\$	332,493	76.87%	\$	408,537	\$	408,537	\$	156,490																		408,537	
19 Non-Residential Smart Meter Custom	\$	400,826	23.13%	\$	(97,353)	\$	303,473	6.54%	3	\$	122,142	76.87%	\$	158,506	\$	158,506	\$																				158,506
20 Non-Res Smart Meter Performance	\$	14,408	23.13%	\$	(3,458)	\$	11,400	6.54%	3	\$	4,341	76.87%	\$	5,648	\$	5,791	\$	143																			143
21 Small Business Energy Saver	\$	(309,255)	23.13%	\$	(77,451)	\$	(231,804)	6.54%	3	\$	(81,236)	76.87%	\$	(118,126)	\$	(118,126)	\$	(15,906)																			(15,906)
22 Total for Non-Residential Conservation Programs	\$	2,207,418	23.13%	\$	(478,955)	\$	1,728,463	6.54%	10	\$	697,568	76.87%	\$	886,685	\$	886,685	\$	202,568																			202,568
23 EnergyWise for Business	\$	(91,991)	23.13%	\$	21,280	\$	(70,711)	6.54%	1	\$	(70,711)	76.87%	\$	(91,991)	\$	(91,991)	\$																				(91,991)
24 Commercial, Industrial, & Governmental Demand Response	\$	(63,255)	23.13%	\$	(15,473)	\$	(47,782)	6.54%	3	\$	(18,133)	76.87%	\$	(23,984)	\$	(23,984)	\$																				(23,984)
25 Total for Non-Residential DSM Programs	\$	(155,246)	23.13%	\$	(32,246)	\$	(123,000)	6.54%	3	\$	(142,493)	76.87%	\$	(148,493)	\$	(148,493)	\$																				(148,493)
26 Total Non-Residential	\$	2,052,172	23.13%	\$	(511,201)	\$	1,540,971	6.54%	10	\$	555,075	76.87%	\$	738,192	\$	738,192	\$	202,568																			202,568
27 Total All Programs	\$	3,500,488	23.13%	\$	(844,285)	\$	2,656,203	6.54%	10	\$	1,008,089	76.87%	\$	1,313,989	\$	1,313,989	\$	405,136																			405,136

(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 total 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 =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 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	5,292,993	3,088,369	3,002,711	10.60%	86.2249134%	2,589,085		\$ 7,629		\$ 2,596,714	\$ (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	717	616	2,765,104	1,702,839	2,625,810	10.60%	86.2249134%	2,263,930	\$ 104,604			\$ 2,369,534	\$ 104,604	
9 Residential Energy Assessments	689	564	5,897,717	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		\$ 18,145,790	\$ 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	\$ 1,243	\$ 39,236,070	\$ 5,681,868	
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	\$ 21,097	\$ 3,067,725	\$ 4,175,624	
16 Total Residential	85,548	62,569	290,910,282	\$ 81,984,230	\$ 44,799,012			\$ 38,664,748	\$ 128,744	\$ 3,487,963	\$ 22,340	\$ 42,303,795	\$ 9,857,492	
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	1,949	922	8,557,130	4,672,613	3,008,768	10.60%	86.2249134%	2,594,308		\$ 152,073		\$ 2,746,380	\$ 443,905	
19 Smart Saver® Non Residential Prescriptive	7,281	5,831	39,678,171	21,266,139	9,532,527	10.60%	86.2249134%	8,219,413		\$ 1,072,433		\$ 9,291,847	\$ 3,085,583	
20 NR E-2, Sub 1180 Adjustment (AEC)	-	-	282,353	68,566	68,566		100.0000000%	68,566				\$ 68,566	\$ 68,566	
21 Smart Saver(R) Non Residential Performance Incentive Program	9	6	274,907	58,712	105,649	10.60%	86.2249134%	91,096		\$ (4,290)		\$ 86,806	\$ 36,589	
22 Small Business Energy Saver	3,638	4,009	19,392,742	8,762,866	5,061,493	10.60%	86.2249134%	4,391,513		\$ 336,473		\$ 4,727,986	\$ 953,976	
23 Total for Non-Residential Conservation Programs	13,876	10,988	72,008,489	\$ 37,218,440	\$ 18,514,667			\$ 15,973,700		\$ 1,715,762	\$ -	\$ 17,689,462	\$ 5,598,345	
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 (CIO EE)	-	-	-	-	-	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)	\$ 153,609	\$ 1,120,508	\$ 409,971	
27 Total Non Residential	17,069	11,053	72,032,941	\$ 37,550,128	\$ 19,713,351			\$ 17,020,886	\$ -	\$ 1,635,476	\$ 153,609	\$ 18,809,971	\$ 6,008,317	
28 Total All Programs	102,618	73,622	362,943,223	\$ 119,534,358	\$ 64,512,363			\$ 55,685,634	\$ 128,744	\$ 5,123,439	\$ 175,950	\$ 61,113,766	\$ 15,865,808	
DSDR														
1 DSDR	173,743	160,608	36,435,947		\$ 6,871,743	N/A		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total All Programs with DSDR	276,361	234,230	399,379,170	\$ 119,534,358	\$ 71,384,106			\$ 55,685,634	\$ 128,744	\$ 5,123,439	\$ 175,950	\$ 61,113,766	\$ 15,865,808	

Duke Energy Progress
Fields Exhibit 1
Vintage 2022 - January 1, 2023 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	J	K														
		-+B	-+C			-+M(E,F,D)	-+I			-+H														
NC Incentive (PRI or PPI) from pg 1	Income Tax Rate	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortizati 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%	\$ (350,795)	\$ 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	\$ (32,666)	\$ -	\$ -	\$ -	\$ -	\$ 14,647	\$ 24,334	\$ 13,823	\$ -	\$ (9,166)	\$ (12,271)	\$ (14,011)	\$ (14,689)	\$ (35,328)	\$ (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	\$ 10,892	76.87%	\$ 13,910	\$ 235,462	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 123,296	\$ 92,863	\$ 12,097	\$ 7,207	\$ 249,372
8 Neighborhood Energy Saver	\$ 104,604	23.13%	\$ (24,158)	\$ 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%	\$ 25,889	\$ 205,985	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,701	\$ 64,208	\$ 46,994	\$ 20,052	\$ 231,643
10 Residential New Construction	\$ 305,173	23.13%	\$ (70,586)	\$ 234,577	6.48%	10	\$ 32,697	76.87%	\$ 42,420	\$ 732,323	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 64,738	\$ 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
### Total for Residential Conservation Programs	2,850,781		(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	285,323	5,129,173	
### My Home Energy Report	\$ 651,453	23.13%	\$ (127,568)	\$ 423,885	6.48%	1	\$ 423,886	76.87%	\$ 551,453	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 551,453
### Total Residential Conservation and Behavioral Programs	3,492,233		(787,034)	2,705,199			1,001,696		1,303,153	4,377,472				702,066	474,715	433,132	156,321	129,522	979,420	755,748	481,227	285,323	5,680,626	
### EneroWise	\$ 214,483	23.13%	\$ (49,818)	\$ 164,675	6.48%	10	\$ 22,918	76.87%	\$ 29,815	\$ 4,124,711	\$ -	\$ -	\$ -	\$ -	\$ 301,284	\$ 389,822	\$ 285,373	\$ 911,314	\$ 798,891	\$ 716,674	\$ 676,354	\$ 109,486	\$ (22,188)	\$ 4,154,426
### Total Residential	3,616,707		(836,852)	2,779,854			1,024,613		1,332,968	8,502,183				1,003,350	944,527	698,504	1,067,636	926,313	1,696,094	1,432,652	690,712	243,135	9,838,152	
Non-Residential Programs																								
EE Programs																								
### 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	\$ 989,727	
### Non-Residential Smart Saver Custom	\$ 152,073	23.13%	\$ (35,179)	\$ 116,894	6.48%	3	\$ 44,124	76.87%	\$ 57,403	\$ 386,502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,7376	\$ 158,826	\$ 443,905	
### Non-Residential Smart Saver Prescriptive	\$ 1,072,433	23.13%	\$ (248,086)	\$ 824,347	6.48%	3	\$ 311,164	76.87%	\$ 404,809	\$ 2,680,714	\$ -	\$ -	\$ -	\$ 678,479	\$ 438,885	\$ 369,180	\$ -	\$ -	\$ -	\$ -	\$ 787,693	\$ 468,837	\$ 3,085,983	
### Non-Res SmartSaver Performance	\$ (4,290)	23.13%	\$ 992	\$ (3,298)	6.48%	3	\$ (1,245)	76.87%	\$ (1,619)	\$ 38,208	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,560	\$ 5,648	\$ 36,589
### Small Business Energy Saver	\$ 358,473	23.13%	\$ (77,856)	\$ 280,617	6.48%	3	\$ 91,627	76.87%	\$ 127,039	\$ 885,989	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,423	\$ 241,091	\$ -	\$ -	\$ -	\$ -	\$ 211,162	\$ 116,735	\$ 69,936	\$ 691,936
### Total for Non-Residential Conservation Programs	1,715,762		(396,907)	1,318,855			481,081		625,862	4,903,917				931,159	772,394	762,661			163,956	167,570	1,368,133	748,045	5,629,779	
### EneroWise 6 for Business	\$ (80,286)	23.13%	\$ 18,573	\$ (61,714)	6.48%	1	\$ (61,714)	76.87%	\$ (80,286)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (80,286)
### Commercial, Industrial, Governmental Energy Efficiency (CIG EE, EEB)	\$ (80,286)	23.13%	\$ 18,573	\$ (61,714)	6.48%	3	\$ (61,714)	76.87%	\$ (80,286)	\$ 398,648	\$ -	\$ -	\$ -	\$ 9,714	\$ 25,139	\$ 4,414	\$ -	\$ -	\$ -	\$ -	\$ 61,897	\$ 235,484	\$ 336,648	
### Total for Non-Residential DSM Programs	(80,286)		18,573	(61,714)			(61,714)		(80,286)	398,648				9,714	25,139	4,414				61,897	235,484	336,648		
### Total Non Residential	1,635,476		(378,334)	1,257,141			419,366		545,576	5,240,566				940,873	797,533	767,075			163,956	167,570	1,420,030	983,629	5,786,141	
### All Programs	5,252,182		(1,214,987)	4,037,195			1,443,081		1,878,544	13,742,749				1,944,323	1,641,770	1,465,580	1,067,636	926,373	1,860,090	1,699,621	2,010,742	1,226,664	15,621,293	

**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		\$ -	\$ -	\$ 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		\$ -	\$ -	\$ 1,388,155	\$ 273,947
9 Neighborhood Energy Saver	753	665	2,541,521	3,071,873	2,981,738	10.60%	86.2483215%	2,571,899	\$ 232,354	\$ -	\$ -	\$ 2,804,053	\$ 232,354
10 Residential Energy Assessments	1,934	1,631	17,065,054	10,385,362	5,219,489	10.60%	86.2483215%	4,500,860		\$ -	\$ -	\$ 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		\$ -	\$ -	\$ 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%	4,051,897		\$ 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%		\$ 5,330,902	\$ -	\$ 710,860	\$ -	\$ 6,041,761	\$ 3,874,653
18 Total Residential	118,514	107,765	270,759,362	\$ 92,052,839	\$ 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	\$ (158,485.58)	\$ 5,632,281	\$ 762,901
21 Smart Saver® Non-Residential Prescriptive	10,159	44,279	60,480,978	83,110,216	15,700,927	10.60%	86.2483215%	13,541,786		\$ 6,162,774	\$ (465,352.31)	\$ 19,239,208	\$ 3,469,555
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	\$ (12,077.64)	\$ 416,978	\$ 106,946
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	\$ (263,176.38)	\$ 8,678,729	\$ 989,486
24 Total for Non-Residential Conservation Programs	20,906	54,858	126,963,382	\$ 125,526,024	\$ 30,335,245			\$ 26,163,640		\$ 8,702,648	\$ (899,092)	\$ 33,967,195	\$ 5,718,481
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, EEB)	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	59,181	127,081,192	\$ 134,986,619	\$ 33,872,981			\$ 29,250,659	\$ -	\$ 9,250,484	\$ (899,092)	\$ 37,602,052	\$ 6,132,249
29 Total All Programs	147,298	166,946	397,840,554	\$ 227,039,457	\$ 81,259,247			\$ 70,182,309	\$ 419,062	\$ 13,508,308	\$ (899,092)	\$ 83,210,587	\$ 15,482,020

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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	G	H	I	J																	
			=A*B	=A+C			=PMT(E,F,D)	=H																			
	NC Incentive Including CAPX PPI	Income Tax Rate	Income Taxes	Net-of-Tax PPI- Total NPV	Discoun t Rate	PPI Amortizat on Period	Vintage Year 2024 - 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	Vintage 2022 PPI	Vintage 2023 PPI	PPI Values for Test Period	
Residential Programs																											
EE Programs																											
1 Appliances and Devices	\$ 763,313	23.13%	\$ (176,577)	\$ 586,736	6.48%	3	\$ 221,474	76.87%	\$ 288,126	\$ 643,604	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Appliance Recycling Program	\$ -	23.13%	\$ -	\$ -	6.48%	3	\$ -	76.87%	\$ 7,425	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Energy Education Program for Schools	\$ 102,412	23.13%	\$ (23,691)	\$ 78,721	6.48%	1	\$ 78,721	76.87%	\$ 102,412	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Energy Efficient Lighting	\$ (3,760)	23.13%	\$ 870	\$ (2,890)	6.48%	3	\$ (1,091)	76.87%	\$ (1,419)	\$ 1,105,796	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Income-Qualified Energy Efficiency and Weatherization	\$ 64,296	23.13%	\$ (18,500)	\$ 45,796	6.48%	1	\$ 45,797	76.87%	\$ 60,762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Residential Service - Smart Saver	\$ 129,157	23.13%	\$ (29,878)	\$ 99,279	6.48%	3	\$ 37,475	76.87%	\$ 48,752	\$ (9,977)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Weatherization Pilot	\$ (14,015)	23.13%	\$ 3,242	\$ (10,773)	6.48%	N/A	\$ (10,773)	76.87%	\$ (14,015)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 Multi-Family	\$ 324,679	23.13%	\$ (77,421)	\$ 247,258	6.48%	3	\$ 97,106	76.87%	\$ 126,330	\$ 147,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 Neighborhood Energy Saver	\$ 232,354	23.13%	\$ (53,750)	\$ 178,604	6.48%	1	\$ 178,604	76.87%	\$ 232,354	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Residential Energy Assessments	\$ 472,374	23.13%	\$ (109,274)	\$ 363,100	6.48%	3	\$ 123,058	76.87%	\$ 176,506	\$ 242,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 Residential New Construction	\$ 1,171,776	23.13%	\$ (271,067)	\$ 900,709	6.48%	3	\$ 339,988	76.87%	\$ 442,307	\$ 1,151,336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 Save Energy and Water Kit	\$ -	23.13%	\$ -	\$ -	6.48%	3	\$ -	76.87%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 Residential Home Advantage	\$ -	23.13%	\$ -	\$ -	6.48%	3	\$ -	76.87%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 Total for Residential Conservation Programs	3,272,586		(757,047)	2,515,538			1,147,560		1,492,916	3,288,761							433,132	156,321	129,522	123,140	46,329	481,227	265,323	622,957	1,030,811	4,781,677	
14 My Home Energy Report	\$ 693,440	23.13%	\$ (160,414)	\$ 533,027	6.48%	1	\$ 533,027	76.87%	\$ 693,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 Total Residential Conservation and Behavioral Programs	3,966,026		(917,461)	3,048,565			1,680,587		2,186,357	3,288,761							433,132	156,321	129,522	123,140	46,329	481,227	265,323	622,957	1,030,811	5,476,117	
16 EnergyWise	\$ 719,893	23.13%	\$ (166,443)	\$ 553,450	6.48%	3	\$ 208,225	76.87%	\$ 268,527	\$ 3,688,327	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17 Total Residential	4,675,899		(1,083,904)	3,591,995			1,888,811		2,454,683	6,905,087							598,273	211,314	198,861	218,824	678,304	199,498	727,198	397,728	1,127,784	3,874,863	
Non-Residential Programs																											
EE Programs																											
18 Energy Efficient Lighting	\$ -	23.13%	\$ -	\$ -	6.48%	3	\$ -	76.87%	\$ -	\$ 389,593	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
19 Non-Residential Smart Saver Custom	\$ 1,000,339	23.13%	\$ (236,030)	\$ 764,309	6.48%	3	\$ 296,049	76.87%	\$ 385,145	\$ 377,766	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20 Non-Residential Smart Saver Prescriptive	\$ 5,697,422	23.13%	\$ (1,317,985)	\$ 4,379,437	6.48%	3	\$ 1,653,096	76.87%	\$ 2,150,092	\$ 1,318,962	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21 Non-Risk SmartSaver Performance	\$ 65,517	23.13%	\$ (15,158)	\$ 50,359	6.48%	3	\$ 19,010	76.87%	\$ 24,731	\$ 92,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 Small Business Energy Saver	\$ 1,003,277	23.13%	\$ (236,021)	\$ 767,256	6.48%	3	\$ 296,031	76.87%	\$ 385,122	\$ 394,365	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 Total for Non-Residential Conservation Programs	7,803,556		(1,805,197)	5,998,359			2,264,186		2,945,090	2,772,891																	
24 EnergyWise ® for Business	\$ (28,315)	23.13%	\$ 6,550	\$ (21,765)	6.48%	1	\$ (21,765)	76.87%	\$ (28,315)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25 Commercial, Industrial, & Governmental Demand Response	\$ 575,162	23.13%	\$ (133,281)	\$ 441,881	6.48%	3	\$ 167,169	76.87%	\$ 217,479	\$ 224,605	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 Total for Non-Residential DSM Programs	547,847		(126,731)	421,106			145,404		189,164	224,605																	
27 Total Non Residential	8,351,393		(1,931,928)	6,419,465			2,409,590		3,134,254	2,997,496																	
28 Total All Programs	13,028,278		(3,015,832)	10,012,447			4,296,432		5,689,437	9,902,583							1,405,980	1,067,635	926,373	839,814	722,633	689,862	303,324	1,383,242	2,994,117	15,482,020	