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September 10, 2018

**VIA ELECTRONIC FILING**

M. Lynn Jarvis, Chief Clerk  
North Carolina Utilities Commission  
4325 Mail Service Center  
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Progress, LLC's Application for Approval of Demand-Side  
Management and Energy Efficiency Cost Recovery Rider  
Docket No. E-2, Sub 1174**

Dear Ms. Jarvis:

I enclose Duke Energy Progress, LLC's ("DEP" or the "Company") Supplemental Testimony and Exhibits of Carolyn T. Miller and Supplemental Exhibits of Robert P. Evans, for filing in connection with the referenced matter. These Supplemental Exhibits reflect adjustments in calculations which are further detailed in the Supplemental Testimony of Carolyn T. Miller. As a result of these adjustments, some of the proposed DSM/EE rates have changed from those filed in the Company's Application in this docket. Accordingly, DEP is also enclosing for filing a Motion for Additional Public Hearing and Public Notice of Revised Proposed Rates.

Thank you for your attention to this matter. If you have any questions, please let me know.

Respectfully submitted,

Electronically submitted

s/ Molly McIntosh Jagannathan

molly.jagannathan@troutmansanders.com

Enclosure

Copy: Parties of Record

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1174

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

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

2 A. My name is Carolyn T. Miller. My business address is 550 South Tryon  
3 Street, Charlotte, North Carolina.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am a Rates & Regulatory Strategy Manager for Duke Energy Carolinas,  
6 LLC (“DEC”), supporting both DEC and Duke Energy Progress, LLC (“DEP”  
7 or the “Company”).

8 **Q. DID YOU PREVIOUSLY FILE DIRECT TESTIMONY IN SUPPORT**  
9 **OF DEP’S APPLICATION IN THIS DOCKET?**

10 A. Yes.

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

13 A. The purpose of my Supplemental Testimony is to support the filing of  
14 Supplemental Exhibits which reflect revisions to Miller Exhibits 1, 2, and 3  
15 and Evans Exhibits 1 and 2 filed June 20, 2018 in this proceeding. These  
16 revisions are due to the following:

17 1. Adjustments to the Portfolio Performance Incentive (“PPI”) relating  
18 to Vintage 2016 and Vintage 2017 of the EnergyWise for Business program;

19 2. Adjustments to Vintage 2016 and Vintage 2017 lost revenues to  
20 align with the final outcome of DEP’s most recent general rate case in Docket  
21 No. E-2, Sub 1142; and

22 3. Adjustments to the valuation of Vintage 2017 lost revenues  
23 allocated to the non-residential lighting program.

1 **Q. WHY IS THE COMPANY REVISING THE VINTAGE 2016 AND**  
2 **VINTAGE 2017 PPI FOR THE ENERGYWISE FOR BUSINESS**  
3 **PROGRAM?**

4 A. As mentioned in the Testimony of Public Staff Witness Michael C. Maness  
5 (*see* p. 21), the Company is recommending an adjustment relating to  
6 Evaluation, Measurement, & Verification (“EM&V”) results. During the  
7 course of the Company’s review of its DSM/EE filing in this docket, DEP  
8 discovered that, although the EM&V results received in 2017 for the  
9 EnergyWise for Business program had been appropriately applied  
10 prospectively, these results had not been included in calculation of the filed  
11 EMF rate. The Company is updating Vintages 2016 and Vintage 2017 to  
12 reflect the revised kW savings included in the EnergyWise for Business  
13 EM&V report, which results in a reduction of PPI for non-residential  
14 customers in the amount of (\$8,468) for Vintage 2016 and a reduction in PPI  
15 for non-residential customers in the amount of (\$47,721) for Vintage 2017.  
16 The Company is revising Evans Exhibit 1, pages 3 through 6 and the  
17 corresponding interest calculation on Miller Exhibit 3, page 2 to reflect this  
18 adjustment.

19 **Q. PLEASE EXPLAIN THE COMPANY’S ADJUSTMENT TO THE LOST**  
20 **REVENUE CALCULATION.**

21 A. During the Public Staff’s review of DEP’s Application in this docket, the  
22 Public Staff and the Company discussed how the Company should determine  
23 lost revenue recovered in DEP’s most recent general rate case (Docket No. E-

1           2, Sub 1142) pursuant to Paragraph 58 of DEP's approved DSM/EE cost  
2           recovery mechanism. Paragraph 58 reads as follows:

3                   58. Notwithstanding the allowance of 36 months' Net  
4                   Lost Revenues associated with eligible kWh sales  
5                   reductions, the kWh sales reductions that result from  
6                   measurement units installed shall cease being eligible  
7                   for use in calculating Net Lost Revenues as of the  
8                   effective date of (a) a Commission-approved alternative  
9                   recovery mechanism that accounts for the eligible Net  
10                  Lost Revenues associated with eligible kWh sales  
11                  reductions, or (b) the implementation of new rates  
12                  approved by the Commission in a general rate case or  
13                  comparable proceeding to the extent the rates set in the  
14                  general rate case or comparable proceeding are set to  
15                  explicitly or implicitly recover the Net Lost Revenues  
16                  associated with those kWh sales reductions. [Emphasis  
17                  added].

18                As Witness Maness noted in his testimony, although the test period in  
19                Docket No. E-2, Sub 1142 was January 1, 2016 through December 31, 2016,  
20                the Agreement and Stipulation of Partial Settlement agreed to between the  
21                Public Staff and the Company in that proceeding included updated revenues  
22                that reflected changes in the number of customers and, for the residential  
23                class, changes in weather-normalized usage per customer through October 31,  
24                2017.

25                The Public Staff and the Company discussed the methodology that  
26                should be used to incorporate these revenue adjustments from E-2, Sub 1142  
27                into this filing. Based on these discussions, the Company will do the  
28                following:

29                   a. For residential customers, the Company will extend the rate case  
30                test period to October 31, 2017 as the customer growth adjustment used in the

1 rate case also included updated actual kWh sales through that time period; and

2 b. For non-residential customers, the Company will continue to utilize  
3 the rate case test period January 1, 2016 through December 31, 2016 as no  
4 adjustments were made to incorporate actual kWh sales past that date.

5 In addition, the following modification will be made to calculate how  
6 much lost revenue is included in kWh sales for the test period. Since the  
7 twelve-month rate case test period uses actual kWh sales, and participation in  
8 EE measures occurs throughout the year, in any given twelve-month period, a  
9 full year of lost revenues are not captured in test period kWh sales as all  
10 measures were not in place at the beginning of the test period. The Company  
11 believes it is appropriate to quantify the actual incremental savings by month  
12 during that twelve-month rate case test period to calculate the amount of lost  
13 revenues that is truly being reflected in the new base rates that will be  
14 recovered from customers. The difference between the annualized amount of  
15 energy savings and the actual amount of energy savings should be recovered  
16 through the Company's DSM/EE rider. Supplemental Miller Exhibit 7  
17 provides an example of this methodology.

18 This update has been made to Evans Exhibit 2, pages 1 and 2 and  
19 impacts Vintage Years 2016 and 2017 for lost revenue recognized in 2018<sup>1</sup>  
20 and 2019. The final result of the adjustment for the 2019 rate period is a

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<sup>1</sup> Only lost revenues projected to be recognized in 2019 are included in projected rates in this proceeding; as noted by Witness Maness (*see* p. 20), the adjustment for 2018 will be made when Vintage 2018 is trued up in next year's DSM/EE proceeding.

1 reduction in lost revenue requested for residential customers in the amount of  
2 (\$1,669,505) and an increase in lost revenue requested for non-residential  
3 customers in the amount of \$1,361,119.<sup>2</sup> There is no impact to the interest  
4 calculation.

5 **Q. PLEASE DESCRIBE THE ADJUSTMENT TO VINTAGE 2017 NON-**  
6 **RESIDENTIAL LIGHTING LOST REVENUES.**

7 A. As mentioned in Witness Maness' testimony (*see* p. 21), the Company is  
8 recommending a further adjustment to non-residential lost revenues. During  
9 the analysis to determine the appropriate Vintage 2017 lost revenues for non-  
10 residential customers, the Company determined that there were certain non-  
11 residential customers in the lighting program whose benefits were  
12 inadvertently calculated using the *residential* lost revenue rate. This  
13 adjustment corrects that error. The impact on net lost revenues for Vintage  
14 2017 Non-Residential Energy Efficient Lighting is (\$33,469) for Vintage  
15 2017 and (\$93,299) for Vintage 2019. The Company is revising Evans  
16 Exhibit 2, page 2 to reflect this adjustment. There was no impact to the  
17 interest calculation.

18 **Q. HOW DO THESE CHANGES IMPACT DEP'S REQUESTED RATES?**

19 A. The changes I have outlined above result in revisions to the following rates

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<sup>2</sup> As Witness Maness testified (*see* pp. 19-20), the net of these adjustments for the 2019 rate period is a reduction in retail NLR of approximately (\$308,000). Though the net result is a reduction, because the adjustment results in an increase to the prospective non-residential rates as compared to those originally filed in the Application, the Company is filing a Motion for Additional Public Hearing and Public Notice of Revised Proposed Rates, simultaneously herewith.

1 included in the initial DSM/EE filing (all shown on a cents per kWh basis,  
2 including regulatory fee):

Description	Filed Rate	Revised Rate
Residential Prospective Rate	0.651	0.641
Non-Residential EE Prospective Rate	0.685	0.698
Non-Residential DSM Prospective Rate	0.062	0.063

3 **Q. WHAT SUPPLEMENTAL EXHIBITS WILL BE FILED IN**  
4 **CONJUNCTION WITH YOUR SUPPLEMENTAL TESTIMONY?**

5 A. Only the exhibits impacted as a result of the changes outlined above will be  
6 filed as Supplemental Exhibits. A description of the specific pages and  
7 contents that have been revised is provided below:

- 8 • Supplemental Miller Exhibit 1: Summary of Rider EE Exhibits  
9 and Factors
- 10 • Supplemental Miller Exhibit 2, page 1: Energy Efficiency Rate  
11 Derivation
- 12 • Supplemental Miller Exhibit 2, page 2: Demand-Side  
13 Management Rate Derivation
- 14 • Supplemental Miller Exhibit 2, page 3: Rate Period Revenue  
15 Requirement Summary
- 16 • Supplemental Miller Exhibit 2, page 4: Energy Efficiency  
17 Experience Modification Factor Rate Derivation
- 18 • Supplemental Miller Exhibit 2, page 5: Demand-Side



- 1 Management Experience Modification Factor Rate Derivation
- 2 • Supplemental Miller Exhibit 2, page 6: EMF Period Revenue
- 3 Requirement Summary
- 4 • Supplemental Miller Exhibit 2, page 7: EMF Adjustment
- 5 Summary
- 6 • Supplemental Miller Exhibit 3, page 2: Vintage 2017 Interest
- 7 Calculations for Non-Residential DSM
- 8 • Supplemental Miller Exhibit 7: Calculation of % of Lost
- 9 Revenues Included in Base Rates
- 10 • Supplemental Evans Exhibit 1, pages 3 through 6: Vintage
- 11 2016 and Vintage 2017 Load Impacts and Estimated Revenue
- 12 Requirements
- 13 • Supplemental Evans Exhibit 2, pages 1 and 2: North Carolina
- 14 Lost Revenue Summary and True up

15 **Q. WHAT ARE THE FINAL RATES REQUESTED IN THE**

16 **APPLICATION OF DEP FOR APPROVAL OF ITS DSM/EE RIDER**

17 **FOR 2019 AS A RESULT OF THESE REVISIONS?**

18 A. Pursuant to the provisions of N.C. Gen. Stat. § 62-133.9 and Commission

19 Rule R8-69, the Company requests Commission approval of the following

20 annual billing adjustments (all shown on a cents per kWh basis, including

21 regulatory fee):

<b>Residential Billing Factors</b>	<b>¢/kWh</b>
Residential Billing Factor for Prospective Components	0.641
Residential Billing Factor for EMF Components	0.003

<b>Non-Residential Billing Factors</b>	<b>¢/kWh</b>
EE EMF Rate	0.122
EE Prospective Rate	0.698
DSM EMF Rate	(0.018)
DSM Prospective Rate	0.063
Lighting EE EMF Rate	0.001
Lighting EE Prospective Rate	0.099

1 **Q. ARE THERE ANY OTHER ADJUSTMENTS MADE IN YOUR**  
2 **SUPPLEMENTAL EXHIBITS?**

3 A. No. As Company Witnesses Timothy J. Duff and Robert P. Evans will  
4 explain in their Rebuttal Testimony to be filed on September 12, 2018, the  
5 Company does not agree with and has not incorporated the Public Staff's  
6 recommended adjustment to avoided costs nor its adjustment relating to its  
7 recommended termination of the Residential Smart Saver EE program.

8 **Q. DOES THIS CONCLUDE YOUR PRE-FILED SUPPLEMENTAL**  
9 **TESTIMONY?**

10 A. Yes.

Duke Energy Progress, LLC  
Docket No. E-2, Sub 1174  
Summary of 2019 DSM/EE Rates

	<u>Source:</u>	<u>cents/kWh</u> <u>Rate</u>	<u>Reg Fee</u>	<u>Billing Rate</u>
<b>Residential Rate</b>				
EMF Rate - DSM	Miller Exhibit 2, page 5	0.009	0.000	0.009
EMF Rate - EE	Miller Exhibit 2, page 4	-0.006	0.000	-0.006
Projected Rate - DSM	Miller Exhibit 2, page 2	0.120	0.000	0.120
Projected Rate - EE	Miller Exhibit 2, page 1	0.520	0.001	0.521
<b>Total Residential Rate</b>		<b>0.643</b>		<b>0.644</b>
<b>General Service</b>				
EE EMF Rate	Miller Exhibit 2, page 4	0.122	0.000	0.122
EE Projected Rate	Miller Exhibit 2, page 1	0.697	0.001	0.698
<b>Total General Service EE Rate</b>		<b>0.819</b>		<b>0.820</b>
DSM EMF Rate	Miller Exhibit 2, page 5	-0.018	0.000	-0.018
DSM Projected Rate	Miller Exhibit 2, page 2	0.063	0.000	0.063
<b>Total General Service DSM Rate</b>		<b>0.045</b>		<b>0.045</b>
<b>Lighting EE Rate</b>				
Lighting EE EMF Rate	Miller Exhibit 2, page 4	0.001	0.000	0.001
Lighting EE Projected Rate	Miller Exhibit 2, page 1	0.099	0.000	0.099
<b>Total Lighting EE Rate</b>		<b>0.100</b>		<b>0.100</b>

**DUKE ENERGY PROGRESS, LLC**  
**Docket No. E-2, Sub 1174**  
**Energy Efficiency Rate Derivation**

NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup>	Rate Class Energy Allocation Factor <sup>(2)</sup>	EE Revenue Requirements							Total EE Rate <sup>(9) = (8) / (1)</sup>
			Residential Programs <sup>(3)</sup>	CIG Programs <sup>(4)</sup>	DSDR <sup>(5)</sup>	Non-DSDR Allocated A&G and Carrying Costs <sup>(6)</sup>	DSDR Allocated A&G and Carrying Costs <sup>(7)</sup>	Total of Allocated Costs <sup>(8) = Σ (3 thru 7)</sup>		
Residential	15,740,238,953	60.65%	\$ 59,420,389	\$ -	\$ 14,597,379	\$ 6,829,356	\$ 977,130	\$ 81,824,254	0.520	
General Service	9,852,771,378	37.96%	\$ -	\$ 53,311,105	\$ 9,137,386	\$ 5,609,117	\$ 611,645	\$ 68,669,252	0.697	
Lighting	361,265,217	1.39%	\$ -	\$ -	\$ 335,035	\$ -	\$ 22,427	\$ 357,461	0.099	
NC Retail	25,954,275,548	100%	\$ 59,420,389	\$ 53,311,105	\$ 24,069,799	\$ 12,438,473	\$ 1,611,202	\$ 150,850,968		

**NOTES:**

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

Please note: Exhibit may not foot due to rounding.

**DUKE ENERGY PROGRESS, LLC**  
**Docket No. E-2, Sub 1174**  
**Demand-Side Management Rate Derivation**

NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup>	Rate Class Demand Allocation Factor <sup>(2)</sup>	DSM Revenue Requirements					
			EnergyWise Program Costs <sup>(3)</sup>	CIG DR Program <sup>(4)</sup>	Allocated A&G Costs <sup>(5)</sup>	Allocated Carrying Costs <sup>(5)</sup>	Total of Allocated Costs	Total DSM Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7) = $\Sigma$ (3 thru 6)	(8) = (7) / (1)
Residential	15,740,238,953	67.12%	\$15,819,687	\$ -	\$ 538,120	\$ 2,475,417	\$ 18,833,224	0.120
General Service	9,737,467,991	32.88%	\$ -	\$ 4,841,927	\$ 222,164	\$ 1,021,980	\$ 6,086,071	0.063
Lighting	360,425,890	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	-
NC Retail	25,838,132,834	100.00%	\$15,819,687	\$ 4,841,927	\$ 760,284	\$ 3,497,397	\$ 24,919,295	

**NOTES:**

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

(2) Rate Class Demand Allocation Factor is derived in Miller Exhibit 5, page 6, column (5).

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

(4) CIG DR Program costs are directly assigned solely to the General Service Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 1/20/15.

(5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives and net lost revenues).

Please note: Exhibit may not foot due to rounding.

**DUKE ENERGY PROGRESS, LLC**  
**Docket No. E-2, Sub 1174**  
**Rate Period Revenue Requirement Summary - NC Level**  
**January 2019 - December 2019**

OFFICIAL COPY

Sep 10 2018

NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY																			
	O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue Recoupment	Program Performance Incentive	Rev Reqmt With PPI & NLR		
	(1)	(2)	(3)	(4)	(5)	(6)		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
				ΣCols(1)thru(3)	((1)+(2))/10 or 5 or 3	(3)/3								ΣCols(16)thru(15)			ΣCols(18)thru(18)		
<b>NC DSM Program Expenses</b>																			
1	CIG DR	Per Forecast	2,242,859	-	2,242,859	747,620	-	1,808,922						2,556,542		809,758	3,366,300		
2	EnergyWise	Per Forecast	11,585,804	-	11,585,804	1,158,580	-	8,523,255						9,681,835		6,137,852	15,819,687		
3	EnergyWise for Business	Per Forecast	2,030,607	-	2,030,607	676,869	-	763,752						1,440,621	119,864	(84,858)	1,475,627		
4	Total DSM	Σ Lines 1 thru 2	15,859,270	-	15,859,270	2,583,069	-	11,095,929						13,678,998	119,864	6,862,752	20,661,614		
5	DSM Assigned A&G and CCost	Per Forecast	-	794,570	794,570		264,857	495,427				2,859,534	637,863	4,257,681			4,257,681		
6	Total DSM and Assigned Costs	Σ Lines 4 thru 5	15,859,270	794,570	16,653,840	2,583,069	264,857	11,591,356				2,859,534	637,863	17,936,679	119,864	6,862,752	24,919,295		
<b>NC EE Program Expenses</b>																			
7	Res Home Advantage	Per Forecast	-	-	-	-	317,234							317,234	-	168,458	485,692		
8	Res Home Energy Improvem't	Per Forecast	3,222,042	-	3,222,042	322,204	4,395,337							4,717,541	570,884	331,825	5,620,250		
9	Neighborhood Energy Saver	Per Forecast	1,640,297	-	1,640,297	164,030	1,416,497							1,580,527	169,059	-	1,749,586		
10	Solar Hot Water Pilot	Per Forecast	-	-	-	-	31,026							31,026	-	-	31,026		
11	EE Lighting (Res)*	Per Forecast (allocated)	9,513,184	-	9,513,184	1,902,637	8,842,428							10,745,065	3,062,256	4,281,624	18,088,945		
12	Res Appliance Recycling	Per Forecast	-	-	-	-	681,344							681,344	3,265	120,467	805,076		
13	My Home Energy Report*	Per Forecast	6,457,601	-	6,457,601	6,457,601	-							6,457,601	6,927,982	(76,809)	13,308,774		
14	Residential New Construction	Per Forecast	10,255,599	-	10,255,599	1,025,560	4,161,785							5,187,345	1,488,436	904,849	7,580,629		
15	Multi-Family	Per Forecast	2,212,059	-	2,212,059	442,412	1,524,692							1,967,104	1,327,521	781,261	4,075,886		
16	Energy Education Program for Sch	Per Forecast	610,964	-	610,964	122,193	476,552							598,745	231,339	-	830,084		
17	Save Energy and Water Kit	Per Forecast	1,234,634	-	1,234,634	246,927	502,990							749,917	3,279,423	1,370,632	5,399,972		
18	Residential Energy Assessments	Per Forecast	921,529	-	921,529	184,306	696,796							881,102	404,975	158,392	1,444,469		
19	Home Depot CFL	Per Forecast	-	-	-	-	-							-	-	-	-		
20	Residential Found Revenue	Per Forecast	-	-	-	-	-							-	-	-	-		
21	Subtotal-Residential	Σ Lines 7 thru 20	36,067,909	-	36,067,909	10,867,870	23,046,681							33,914,551	17,465,139	8,040,699	59,420,389		
22	CIG Energy Efficiency	Per Forecast	-	-	-	-	3,841,812							3,841,812	-	-	3,841,812		
23	EE Lighting (General Service)*	Per Forecast (allocated)	1,153,016	-	1,153,016	230,603	1,073,488							1,304,091	864,376	1,486,980	3,655,446		
24	Energy Efficiency for Business	Per Forecast	-	-	-	-	5,965,591							5,965,591	7,935,713	-	13,901,304		
25	Smart Saver Prescriptive	Per Forecast	10,417,475	-	10,417,475	3,472,492	2,613,153							6,085,645	-	6,526,244	12,611,889		
26	Smart Saver Custom	Per Forecast	1,588,219	-	1,588,219	529,406	399,463							928,869	-	335,732	1,264,601		
27	Smart Saver Performance Incentiv	Per Forecast	-	-	-	-	-							-	212,540	54,602	267,143		
28	Small Business Energy Saver	Per Forecast	7,444,308	-	7,444,308	2,481,436	7,241,864							9,723,300	5,679,976	2,690,548	18,093,824		
29	Business Energy Report	Per Forecast	-	-	-	-	5,539							5,539	-	-	5,539		
30	General Service Found Revenue	Per Forecast	-	-	-	-	-							-	(330,453)	-	(330,453)		
	Subtotal-General Service	Σ Lines 22 thru 30	20,603,018	-	20,603,018	6,713,937	21,140,910							27,854,847	14,362,152	11,094,106	53,311,105		
31	Total of EE Programs	Σ Lines 21 + 30	56,670,927	-	56,670,927	17,581,807	44,187,591							61,769,398	31,827,291	19,134,804	112,731,494		
32	EE Assigned A&G and CCost	Per Forecast	-	3,544,357	3,544,357		1,181,452	2,076,601				7,506,074	1,674,346	12,438,473			12,438,473		
33	Total EE and Assigned Costs	Lines 31 + 32	56,670,927	3,544,357	60,215,284	17,581,807	1,181,452	46,264,192				7,506,074	1,674,346	74,207,871	31,827,291	19,134,804	125,169,967		
<b>NC DSDR Program Expenses</b>																			
34	DSDR Program	Per Forecast	4,409,208	666,199	5,075,407	507,541	-	4,938,575	6,323,991	1,410,664	603,872	10,285,156		24,069,799	-	-	24,069,799		
35	DSDR Assigned A&G and CCost	Per Forecast	-	-	-	-	-	-	-	-	-	1,317,347	293,855	1,611,202			1,611,202		
36	Total DSDR and Assigned Costs	Σ Lines 34 thru 35	4,409,208	666,199	5,075,407	507,541	-	4,938,575	6,323,991	1,410,664	603,872	10,285,156	1,317,347	293,855	25,681,001	-	25,681,001		
37	Rate Period Totals	Lines 6 + 33 + 36	76,939,405	666,199	4,338,927	81,944,531	20,672,417	1,446,309	62,794,123	6,323,991	1,410,664	603,872	10,285,156	11,682,955	2,606,064	117,825,551	31,947,155	25,997,556	175,770,263

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

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC  
Docket No. E-2, Sub 1174  
Energy Efficiency Experience Modification Factor Rate Derivation

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NC Rate Class	EE EMF Revenue Requirement										
	Adjusted NC Rate Class kWh Sales <sup>(1)</sup> (1)	Rate Class Energy Allocation Factor <sup>(2)</sup> (2)	Residential Programs <sup>(3)</sup> (3)	CIG Programs <sup>(4)</sup> (4)	DSDR <sup>(5)</sup> (5)	Non-DSDR Allocated A&G and Carrying Costs <sup>(6)</sup> (6)	DSDR Allocated A&G and Carrying Costs <sup>(5)</sup> (7)	Total of Allocated Costs (8) = $\Sigma$ (3 thru 7)	Less: Prior Period EE Rate Adjustment <sup>(7)</sup> (9)	Adjusted EE EMF Revenue Requirement (10)=(8)-(9)	Total EE EMF Rate (cents/kWh) (11) = (10) / (1)
Residential	15,740,238,953	60.65%	\$ 58,531,465	\$ 0	\$ 15,578,065	\$ 7,267,354	\$ 1,016,925	\$ 82,393,808	\$ 83,295,916	\$ (902,108)	(0.003)
General Service	9,852,771,378	37.96%	\$ 0	\$ 49,704,414	\$ 9,751,257	\$ 5,536,262	\$ 636,555	\$ 65,628,487	\$ 53,649,216	\$ 11,979,271	0.122
Lighting	361,265,217	1.39%	\$ 0	\$ 0	\$ 357,543	\$ -	\$ 23,340	\$ 380,883	\$ 377,991	\$ 2,892	0.001
NC Retail	25,954,275,548	100.00%	\$ 58,531,465	\$ 49,704,414	\$ 25,686,864	\$ 12,803,616	\$ 1,676,820	\$ 148,403,179	\$ 137,323,123	\$ 11,080,055	

**NOTES:**

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

Please note: Exhibit may not foot due to rounding.

**DUKE ENERGY PROGRESS, LLC**  
**Docket No. E-2, Sub 1174**  
**Demand-Side Management Experience Modification Factor Rate Derivation**

NC Rate Class	Adjusted NC Rate Class kWh Sales <sup>(1)</sup>	Rate Class Demand Allocation Factor <sup>(2)</sup>	DSM EMF Revenue Requirement						Less: Prior Period DSM Rate Adjustment <sup>(6)</sup>	Adjusted DSM EMF Revenue Requirement (9)=(7)-(8)	Total DSM EMF Rate (cents/kWh) (10) = (9) / (1)
			EnergyWise Program Costs <sup>(3)</sup>	CIG DR Program <sup>(4)</sup>	Allocated A&G Costs <sup>(5)</sup>	Allocated Carrying Costs <sup>(5)</sup>	Total of Allocated Costs (7) = $\Sigma$ (3 thru 6)				
Residential	15,740,238,953	67.12%	\$12,886,943	\$ -	\$ 684,567	\$ 2,528,644	\$ 16,100,154	\$ 14,703,167	\$ 1,396,988	0.009	
General Service	9,737,467,991	32.88%	\$ -	\$ 2,558,730	\$ 201,447	744,103	\$ 3,504,280	\$ 5,294,310	\$ (1,790,030)	(0.016)	
Lighting	360,425,890	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
NC Retail	25,838,132,834	100%	\$12,886,943	\$ 2,558,730	\$ 886,014	\$ 3,272,747	\$ 19,604,434	\$ 19,997,476	\$ (393,042)		

**NOTES:**

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

Please note: Exhibit may not foot due to rounding.



**DUKE ENERGY PROGRESS, LLC**  
**Docket No. E-2, Sub 1174**  
**EMF Period Revenue Requirement Summary - NC Level**  
**January 2017 - December 2017**

		O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue Recoupment	Program Performance Incentive	Rev Reqmt With PPI & NLR	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
					ΣCols(1)thru(3)	((1)+(2))/10	(6)/(3)								ΣCols(14)thru(16)			ΣCols(14)thru(18)	
<b>NC DSM Program Expenses</b>																			
1	CIG DR	Per Books	1,254,690		1,254,690	418,230	-	1,211,354							1,629,584		233,850	1,863,433	
2	EnergyWise	Per Books	10,809,353		10,809,353	1,080,935	-	6,846,043							7,926,978		4,959,965	12,886,943	
3	EnergyWise for Business	Per Books	1,145,187		1,145,187	381,729	-	321,354							703,083	49,698	(57,486)	695,295	
4	Total DSM	Σ Lines 1 thru 2	13,209,230		13,209,230	1,880,894	-	8,378,751							10,259,646	49,698	5,136,330	15,445,674	
5	DSM Assigned A&G and CCost	Per Books	-	724,598	724,598	-	241,533	644,481					2,302,515	970,232	4,158,761			4,158,761	
6	Total DSM and Assigned Costs	Σ Lines 4 thru 5	13,209,230	724,598	13,933,828	1,880,894	241,533	9,023,232					2,302,515	970,232	14,418,407	49,698	5,136,330	19,604,435	
<b>NC EE Program Expenses</b>																			
7	Residential Home Advantage	Per Books	-		-	-	-	409,789							409,789		176,476	586,265	
8	Home Energy Improvem't	Per Books	5,690,293		5,690,293	569,029	-	3,799,377							4,368,406	1,068,146	354,753	5,791,305	
9	Neighborhood Energy Saver	Per Books	1,455,850		1,455,850	145,585	-	1,173,332							1,318,917	282,317	-	1,601,234	
10	Solar Hot Water Pilot	Per Books	-		-	-	-	39,343							39,343	-	-	39,343	
11	EE Lighting (Res)*	Per Books (allocated)	8,914,921		8,914,921	1,782,984	-	9,708,887							11,491,871	9,105,170	3,742,027	24,339,068	
12	Appliance Recycling	Per Books	4,566		4,566	457	-	633,458							633,915	396,451	119,754	1,150,119	
13	My Home Energy Report	Per Books	5,519,603		5,519,603	5,519,603	-	-							5,519,603	6,016,176	22,039	11,557,818	
14	Residential New Construction	Per Books	9,539,733		9,539,733	953,973	-	2,170,251							3,124,224	1,588,365	522,045	5,234,634	
15	Home Depot CFL	Per Books	-		-	-	-	21,623							21,623	-	-	21,623	
16	Energy Education Program for Schools	Per Books	683,286		683,286	136,657	-	253,900							390,557	335,531	-	726,088	
17	Save Energy & Water Kits	Per Books	726,505		726,505	145,301	-	109,117							254,418	1,741,733	717,765	2,713,917	
18	Residential Energy Assessments	Per Books	1,523,096		1,523,096	304,619	-	229,371							533,990	370,750	115,536	1,020,276	
19	Multi-Family	Per Books	2,055,123		2,055,123	411,025	-	776,602							1,187,627	2,056,521	505,626	3,749,773	
20	Found Revenue	Per Books	-		-	-	-	-							-	-	-	-	
21	Subtotal-Residential	Σ Lines 7 thru 20	36,112,976		36,112,976	9,969,233	-	19,325,050							29,294,283	22,961,160	6,276,021	58,531,465	
22	CIG Energy Efficiency	Per Books	-		-	-	-	4,181,401							4,181,401			4,181,401	
23	EE Lighting (Gen Svc)*	Per Books (allocated)	1,080,475		1,080,475	216,095	-	1,178,424							1,394,519	2,605,783	1,213,527	5,213,828	
24	Non-Residential Energy Efficiency Program	Per Books	17,896,772		17,896,772	5,965,591	-	3,817,368							9,782,959	8,747,463	6,944,270	25,474,692	
25	Smart Saver Prescriptive	Per Books	-		-	-	-	-							-	-	-	-	
26	Smart Saver Custom	Per Books	-		-	-	-	-							-	-	-	-	
27	Smart Saver Performance Incentive	Per Books	-		-	-	-	-							8,952	7,194	16,146		
28	Small Business Energy Saver	Per Books	7,168,664		7,168,664	2,389,555	-	4,522,520							6,912,075	5,825,104	2,221,389	14,958,568	
29	Business Energy Report	Per Books	16,616		16,616	5,539	-	39,860							45,399	577	-	45,976	
30	Found Revenue	Per Books	-		-	-	-	-							-	(186,197)	-	(186,197)	
30	Subtotal-General Service	Σ Lines 22 thru 29	26,162,527		26,162,527	8,576,779	-	13,739,573							22,316,352	17,001,682	10,386,380	49,704,414	
31	Total of EE Programs	Lines 21 + 30	62,275,503		62,275,503	18,546,012	-	33,064,623							51,610,635	39,962,842	16,662,401	108,235,879	
32	EE Assigned A&G and CCost	Per Books	-	2,763,836	2,763,836	-	921,279	2,382,244					6,683,696	2,816,397	12,803,616			12,803,616	
33	Total EE and Assigned Costs	Lines 31 + 32	62,275,503	2,763,836	65,039,339	18,546,012	921,279	35,446,867					6,683,696	2,816,397	64,414,251	39,962,842	16,662,401	121,039,494	
<b>NC DSDR Program Expenses</b>																			
34	DSDR Program	Per Books	3,976,242	735,060	4,711,302	471,130	-	4,436,826	6,339,403	2,672,041	603,847	11,031,510			25,554,757	132,107		25,686,864	
35	DSDR Assigned A&G and CCost	Per Books	-	-	-	-	-	-	-	-	-	-	1,179,711	497,109	1,676,820			1,676,820	
36	Total DSDR and Assigned Costs	Σ Lines 34 thru 35	3,976,242	735,060	4,711,302	471,130	-	4,436,826	6,339,403	2,672,041	603,847	11,031,510	1,179,711	497,109	27,231,577	132,107		27,363,684	
37	Test Period Totals	Lines 6 + 33 + 36	79,406,975	735,060	3,488,434	83,684,469	20,898,037	1,162,811	48,906,925	6,339,403	2,672,041	603,847	11,031,510	10,165,922	4,283,738	106,064,236	40,144,647	21,798,731	168,007,613

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

Please note: Exhibit may not foot due to rounding.

DUKE ENERGY PROGRESS, LLC  
 Docket No. E-2, Sub 1174  
 EMF Adjustment Summary  
 January 2017 - December 2017

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Line	Description	Residential				General Service				Lighting				Totals			
		DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total
1	Test Period DSM/EE Rate Billings <sup>1</sup> <i>Amounts from Miller Exhibit 4</i>	\$ 14,703,167	\$ 16,626,699	\$ 64,015,210	\$ 95,345,076	\$ 5,024,209	\$ 10,881,855	\$ 43,374,475	\$ 59,280,539	\$ -	\$ 378,309	\$ -	\$ 378,309	\$ 19,727,376	\$ 27,886,864	\$ 107,389,685	\$ 155,003,924
2	Less: Uncollectible Allowance in Rates <sup>2</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Over or (Under) collection of Uncollectibles <sup>3</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	True up of Vintage 2015 PPI <sup>4</sup> <i>Amounts from Evans Exhibit 1 page 1</i>	-	-	174,301	174,301	-	-	-	-	-	-	-	-	-	-	174,301	174,301
5	True up of Vintage 2016 PPI <sup>5</sup> <i>Amounts from Evans Exhibit 1 page 3</i>	-	-	212,573	212,573	74,686	-	9,162	83,848	-	-	-	-	74,686	-	221,735	296,421
6	True up of Vintage 2015 Lost Revenue through Year 2015 <sup>6</sup> <i>Amounts from Evans Exhibit 2 page 3-4</i>	-	-	959,904	959,904	-	-	-	-	-	-	-	-	-	-	959,904	959,904
7	True up of Vintage 2016 Lost Revenue through Year 2015 <sup>7</sup> <i>Amounts from Evans Exhibit 2 page 3-4</i>	-	-	1,345,437	1,345,437	-	-	\$ (173,308)	(173,308)	-	-	-	-	-	-	1,172,129	1,172,129
8	Interest on Overcollections/(Undercollections) <sup>8</sup> <i>Amounts from Miller Exhibit 3</i>	-	-	(38,207)	(38,207)	195,415	-	(442,967)	(247,553)	-	(318)	-	(318)	195,415	(318)	(481,175)	(286,079)
9	Net Adjustments to DSM/EE EMF Clause <i>Σ Lines 1 through 8</i>	\$ 14,703,167	\$ 16,626,699	\$ 66,669,217	\$ 97,999,083	\$ 5,294,310	\$ 10,881,855	\$ 42,767,361	\$ 58,943,526	\$ -	\$ 377,991	\$ -	\$ 377,991	\$ 19,997,476	\$ 27,886,545	\$ 109,436,578	\$ 157,320,600
		<i>Miller Exhibit 2 page 5</i>				<i>To Miller Exhibit 2 page 5</i>				<i>To Miller Exhibit 2 page 4 &amp; Miller Exhibit 2 page 5</i>							
		\$83,295,916 <i>To Miller Exhibit 2 page 4</i>				\$53,649,216 <i>To Miller Exhibit 2 page 4</i>								\$137,323,123 <i>To Miller Exhibit 2 page 4</i>			

<sup>1</sup> Actual DSM/EE Rate billings for test period (January 2017 through December 2017).  
<sup>2</sup> The Company is not requesting an adjustment for uncollectibles in this proceeding.  
<sup>3</sup> The Company is not requesting an adjustment for uncollectibles in this proceeding.  
<sup>4</sup> See Evans Exhibit 1 page 1 for a detail list of Vintage 2015 programs impacted by EM&V true-ups  
<sup>5</sup> See Evans Exhibit 1 page 3 for a detail list of Vintage 2016 programs impacted by EM&V true-ups  
<sup>6</sup> See Evans Exhibit 2 page 5 for a detail list of Vintage 2015 programs impacted by EM&V true-ups  
<sup>7</sup> See Evans Exhibit 2 page 5 for a detail list of Vintage 2016 programs impacted by EM&V true-ups  
<sup>9</sup> Calculated interest obligation associated with test period (January 1, 2017 through December 31, 2017).

Please note: Exhibit may not foot due to rounding.

Duke Energy Progress, LLC  
Docket No. E-2, Sub 1174  
Estimated Return Calculation - Residential EE & DSM Programs Vintage 2017

	Residential EE Costs, PPI & LR	Residential DSM Costs and PPI	Residential DSDR Program Costs Incurred	Total EE and DSM to be recovered	NC Residential Revenue Collected	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
2017 January	6,489,703	1,655,694	1,706,581	9,851,978	9,805,015	100.00%	(9,805,015)	46,963
2017 February	5,156,632	1,315,593	1,356,027	7,828,252	7,790,936	100.00%	(7,790,936)	37,316
2017 March	4,999,080	1,275,397	1,314,596	7,589,073	7,552,897	100.00%	(7,552,897)	36,176
2017 April	4,012,550	1,023,707	1,055,170	6,091,428	6,062,391	100.00%	(6,062,391)	29,037
2017 May	4,413,655	1,126,039	1,160,648	6,700,343	6,668,403	100.00%	(6,668,403)	31,939
2017 June	5,238,830	1,336,563	1,377,642	7,953,036	7,915,125	100.00%	(7,915,125)	37,911
2017 July	6,608,133	1,685,909	1,737,725	10,031,766	9,983,946	100.00%	(9,983,946)	47,820
2017 August	6,273,181	1,600,453	1,649,643	9,523,277	9,477,881	100.00%	(9,477,881)	45,396
2017 September	5,643,094	1,439,702	1,483,951	8,566,746	8,525,910	100.00%	(8,525,910)	40,836
2017 October	4,488,126	1,145,039	1,180,231	6,813,396	6,780,918	100.00%	(6,780,918)	32,478
2017 November	4,217,286	1,075,941	1,109,009	6,402,236	6,371,718	100.00%	(6,371,718)	30,518
2017 December	5,566,334	1,420,118	1,463,765	8,450,217	8,409,936	100.00%	(8,409,936)	40,281
	63,106,604	16,100,154	16,594,990	95,801,748	95,345,076			456,672

Since DEP is under-collected on program costs, but over-collected on PPI and lost revenues, the Company is calculating a return due to customers on the net balance in total.

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

	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
		2017 tax rate				6.76%			0.764964	
2017 January	46,963	37.0599%	17,404.39	17,404	29,558	0.005632	83	83	0.764964	109
2017 February	84,279	37.0599%	13,829.30	31,234	53,045	0.005632	233	316	0.764964	413
2017 March	120,455	37.0599%	13,406.77	44,640	75,814	0.005632	363	679	0.764964	887
2017 April	149,492	37.0599%	10,761.04	55,401	94,090	0.005632	478	1,157	0.764964	1,513
2017 May	181,431	37.0599%	11,836.75	67,238	114,193	0.005632	586	1,744	0.764964	2,279
2017 June	219,342	37.0599%	14,049.74	81,288	138,054	0.005632	710	2,454	0.764964	3,208
2017 July	267,162	37.0599%	17,722.00	99,010	168,152	0.005632	862	3,316	0.764964	4,335
2017 August	312,558	37.0599%	16,823.71	115,834	196,724	0.005632	1,027	4,343	0.764964	5,678
2017 September	353,394	37.0599%	15,133.91	130,968	222,427	0.005632	1,180	5,524	0.764964	7,221
2017 October	385,873	37.0599%	12,036.46	143,004	242,869	0.005632	1,310	6,834	0.764964	8,934
2017 November	416,391	37.0599%	11,310.11	154,314	262,077	0.005632	1,422	8,256	0.764964	10,792
2017 December	456,672	37.0599%	14,928.05	169,242	287,430	0.005632	1,547	9,803	0.764964	12,815
							9,803			12,815
					287,430		19,424			25,392
										38,207

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Duke Energy Progress, LLC  
Docket No. E-2, Sub 1174  
Estimated Return Calculation - Non-Residential DSM Programs Vintage 2017

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		Non-Residential DSM Program Costs Incurred	Non-Residential Allocated Carrying Costs & A&G	Total Program Costs Incurred	NC Non-Residential DSM Revenue Collected	NC Non- Residential DSM Program Collection %	Non- Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
2017	Januar	184,445	70,209	254,653	373,056	100.0000%	(373,056)	(118,403)
2017	Februa	184,631	70,280	254,911	373,433	100.0000%	(373,433)	(118,523)
2017	March	189,448	72,113	261,561	383,176	100.0000%	(383,176)	(121,615)
2017	April	177,706	67,644	245,349	359,426	100.0000%	(359,426)	(114,077)
2017	May	204,628	77,891	282,519	413,879	100.0000%	(413,879)	(131,360)
2017	June	224,599	85,493	310,092	454,271	100.0000%	(454,271)	(144,179)
2017	July	247,900	94,363	342,264	501,402	100.0000%	(501,402)	(159,138)
2017	August	243,729	92,775	336,504	492,964	100.0000%	(492,964)	(156,460)
2017	Septer	244,292	92,990	337,281	494,103	100.0000%	(494,103)	(156,822)
2017	Octob	217,050	82,620	299,669	439,003	100.0000%	(439,003)	(139,333)
2017	Noven	183,351	69,793	253,144	370,845	100.0000%	(370,845)	(117,701)
2017	Decem	182,267	69,380	251,646	368,651	100.0000%	(368,651)	(117,005)
		2,484,044	945,550	3,429,594	5,024,209		(5,024,209)	(1,594,615)

DEP is overcollected on all components  
Interest is calculated on the entire  
balance.

Note 1: Revenue source - CIM CRY4 reports

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

		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
			2017 tax rate				10.00%			0.764964	
2017	Januar	(118,403)	37.0599%	(43,880)	(43,880)	(74,523)	0.008333	(311)	(311)	0.764964	(406)
2017	Februa	(236,926)	37.0599%	(43,924)	(87,804)	(149,121)	0.008333	(932)	(1,242)	0.764964	(1,624)
2017	March	(358,540)	37.0599%	(45,070)	(132,875)	(225,666)	0.008333	(1,562)	(2,804)	0.764964	(3,665)
2017	April	(472,617)	37.0599%	(42,277)	(175,152)	(297,466)	0.008333	(2,180)	(4,984)	0.764964	(6,515)
2017	May	(603,977)	37.0599%	(48,682)	(223,833)	(380,144)	0.008333	(2,823)	(7,807)	0.764964	(10,206)
2017	June	(748,156)	37.0599%	(53,433)	(277,266)	(470,890)	0.008333	(3,546)	(11,353)	0.764964	(14,841)
2017	July	(907,294)	37.0599%	(58,976)	(336,242)	(571,052)	0.008333	(4,341)	(15,694)	0.764964	(20,517)
2017	August	(1,063,754)	37.0599%	(57,984)	(394,226)	(669,528)	0.008333	(5,169)	(20,864)	0.764964	(27,274)
2017	Septer	(1,220,576)	37.0599%	(58,118)	(452,344)	(768,232)	0.008333	(5,991)	(26,854)	0.764964	(35,105)
2017	Octob	(1,359,909)	37.0599%	(51,637)	(503,981)	(855,928)	0.008333	(6,767)	(33,622)	0.764964	(43,952)
2017	Noven	(1,477,610)	37.0599%	(43,620)	(547,601)	(930,010)	0.008333	(7,441)	(41,063)	0.764964	(53,680)
2017	Decem	(1,594,615)	37.0599%	(43,362)	(590,963)	(1,003,652)	0.008333	(8,057)	(49,120)	0.764964	(64,212)
								(49,120)			(64,212)
						(1,003,652)		(100,365)			(131,203)
											(195,415)

Twelve months return on 2017 Year End Balance

Total return on Non-Residential Lighting

(195,415)

Duke Energy Progress, LLC  
Docket No. E-2, Sub 1174  
Estimated Return Calculation -Lighting DSDR Programs Vintage 2017

	Lighting DSDR Program Costs Incurred	Lighting Allocated Carrying Costs & A&G	Total Program Costs Incurred	NC Lighting Revenue Collected	NC Lighting Program Collection %	Lighting Program Costs Revenue Collected	(Over)/Under Collection	
2017	Januar	30,483	1,990	32,473	32,254	100.0000%	(32,254)	219
2017	Febru:	30,173	1,970	32,142	31,925	100.0000%	(31,925)	217
2017	March	30,322	1,979	32,301	32,083	100.0000%	(32,083)	218
2017	April	28,509	1,861	30,370	30,165	100.0000%	(30,165)	205
2017	May	31,237	2,039	33,276	33,051	100.0000%	(33,051)	225
2017	June	29,794	1,945	31,739	31,524	100.0000%	(31,524)	214
2017	July	29,637	1,935	31,572	31,359	100.0000%	(31,359)	213
2017	Augus:	29,812	1,946	31,758	31,543	100.0000%	(31,543)	215
2017	Septe	29,366	1,917	31,283	31,071	100.0000%	(31,071)	211
2017	Octob	30,232	1,974	32,205	31,988	100.0000%	(31,988)	218
2017	Noven	29,393	1,919	31,312	31,100	100.0000%	(31,100)	212
2017	Decer	28,586	1,866	30,452	30,246	100.0000%	(30,246)	206
		357,543	23,340	380,883	378,309		(378,309)	2,574

DEP is undercollected on the DSDR program, therefore, interest is calculated on the total.

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

	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
		2017 tax rate				10.00%			0.764964	
2017	Januar	219	37.0599%	81	81	138	0.008333	1	0.764964	1
2017	Febru:	437	37.0599%	81	162	275	0.008333	2	0.764964	3
2017	March	655	37.0599%	81	243	412	0.008333	3	0.764964	7
2017	April	860	37.0599%	76	319	541	0.008333	4	0.764964	12
2017	May	1,085	37.0599%	83	402	683	0.008333	5	0.764964	19
2017	June	1,300	37.0599%	79	482	818	0.008333	6	0.764964	27
2017	July	1,513	37.0599%	79	561	952	0.008333	7	0.764964	36
2017	Augus:	1,728	37.0599%	80	640	1,087	0.008333	8	0.764964	48
2017	Septe	1,939	37.0599%	78	719	1,220	0.008333	10	0.764964	60
2017	Octob	2,157	37.0599%	81	799	1,357	0.008333	11	0.764964	74
2017	Noven	2,368	37.0599%	78	878	1,491	0.008333	12	0.764964	90
2017	Decer	2,574	37.0599%	76	954	1,620	0.008333	13	0.764964	107
								82		107
						1,620		162		212
										318

Duke Energy Progress, LLC  
Docket No. E-2, Sub 1174  
Estimated Return Calculation - Non-Residential EE & DSDR Programs Vintage 2017

		Non-Residential EE Costs Incurred	Non-Residential DSDR Costs Incurred	Total Program Costs Incurred	NC EE Non-Residential Revenue Collected	NC Non-Residential EE Program Collection %	Total EE Revenue Collected	NC DSDR Non- Residential Revenue Collected	NC Non- Residential DSDR Program Collection %	DSDR Program Costs Revenue Collected	Total EE & DSDR Revenue Collected	(Over)/Under Collection
2017	January	1,860,441	879,879	2,740,320	1,468,476	100.0000%	(1,468,476)	921,726	100.0000%	(921,726)	(2,390,202)	350,118
2017	February	1,850,339	762,434	2,612,774	1,460,503	100.0000%	(1,460,503)	798,696	100.0000%	(798,696)	(2,259,199)	353,575
2017	March	1,982,588	782,730	2,765,318	1,564,889	100.0000%	(1,564,889)	819,957	100.0000%	(819,957)	(2,384,846)	380,472
2017	April	2,007,474	733,407	2,740,881	1,584,532	100.0000%	(1,584,532)	768,288	100.0000%	(768,288)	(2,352,820)	388,061
2017	May	2,408,114	845,345	3,253,459	1,900,764	100.0000%	(1,900,764)	885,549	100.0000%	(885,549)	(2,786,313)	467,146
2017	June	2,532,014	926,576	3,458,590	1,998,560	100.0000%	(1,998,560)	970,644	100.0000%	(970,644)	(2,969,204)	489,386
2017	July	2,848,324	1,025,239	3,873,562	2,248,228	100.0000%	(2,248,228)	1,073,999	100.0000%	(1,073,999)	(3,322,227)	551,335
2017	August	2,889,731	1,008,432	3,898,163	2,280,912	100.0000%	(2,280,912)	1,056,393	100.0000%	(1,056,393)	(3,337,305)	560,858
2017	September	3,113,717	1,011,080	4,124,797	2,457,708	100.0000%	(2,457,708)	1,059,167	100.0000%	(1,059,167)	(3,516,875)	607,923
2017	October	2,784,276	898,283	3,682,559	2,197,674	100.0000%	(2,197,674)	941,005	100.0000%	(941,005)	(3,138,680)	543,879
2017	November	2,022,576	760,034	2,782,610	1,596,452	100.0000%	(1,596,452)	796,181	100.0000%	(796,181)	(2,392,633)	389,976
2017	December	1,553,021	754,372	2,307,393	1,225,825	100.0000%	(1,225,825)	790,250	100.0000%	(790,250)	(2,016,075)	291,318
		27,852,614	10,387,812	38,240,426	21,984,523		(21,984,523)	10,881,855		(10,881,855)	(32,866,378)	5,374,048

Note 1: Revenue source - CIM CRV4 reports

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

		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
			2017 tax rate				6.76%			0.764964	
2017	January	350,118	37.0599%	129,753	129,753	220,364	0.005632	621	621	0.764964	811
2017	February	703,693	37.0599%	131,035	260,788	442,905	0.005632	1,868	2,488	0.764964	3,253
2017	March	1,084,165	37.0599%	141,003	401,790	682,374	0.005632	3,169	5,657	0.764964	7,395
2017	April	1,472,226	37.0599%	143,815	545,605	926,621	0.005632	4,531	10,187	0.764964	13,317
2017	May	1,939,372	37.0599%	173,124	718,729	1,220,643	0.005632	6,046	16,234	0.764964	21,221
2017	June	2,428,758	37.0599%	181,366	900,095	1,528,663	0.005632	7,741	23,975	0.764964	31,341
2017	July	2,980,093	37.0599%	204,324	1,104,419	1,875,673	0.005632	9,586	33,561	0.764964	43,873
2017	August	3,540,951	37.0599%	207,853	1,312,273	2,228,678	0.005632	11,557	45,118	0.764964	58,980
2017	September	4,148,874	37.0599%	225,295	1,537,568	2,611,305	0.005632	13,628	58,746	0.764964	76,796
2017	October	4,692,753	37.0599%	201,561	1,739,129	2,953,623	0.005632	15,670	74,416	0.764964	97,280
2017	November	5,082,729	37.0599%	144,525	1,883,654	3,199,075	0.005632	17,325	91,741	0.764964	119,928
2017	December	5,374,048	37.0599%	107,962	1,991,617	3,382,431	0.005632	18,532	110,273	0.764964	144,154
								110,273			144,154
				Twelve months return on 2017 Year End Balance		3,382,431		228,581			298,813
				Total return on Non-Residential EE programs							442,967

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

Duke Energy Progress, LLC  
 Docket No. E-2, Sub 1174  
 Calculation of % of Lost Revenues Included in Base Rates

Residential EE Sales Impacts and Resulting Overstatement of Sales Values

	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Total
1 Incremental Savings 11-16 to 10-17	10,886	13,543	8,309	6,138	9,545	7,438	7,611	5,642	8,931	9,098	9,215	13,160	109,517 <sup>1</sup>
2 NC Incremental Savings 11-16 to 10-17 (Allocation)	9,301	11,571	7,105	5,249	8,162	6,360	6,508	4,825	7,637	7,779	7,880	11,253	93,629 <sup>2</sup>
3 Savings Impacts (MWh) In Updated Test Period													
4 Nov-16	388	775	775	775	775	775	775	775	775	775	775	775	8,914
5 Dec-16		482	964	964	964	964	964	964	964	964	964	964	10,125
6 Jan-17			296	592	592	592	592	592	592	592	592	592	5,625
7 Feb-17				219	437	437	437	437	437	437	437	437	3,718
8 Mar-17					340	680	680	680	680	680	680	680	5,101
9 Apr-17						265	530	530	530	530	530	530	3,445
10 May-17							271	542	542	542	542	542	2,983
11 Jun-17								201	402	402	402	402	1,809
12 Jul-17									318	636	636	636	2,227
13 Aug-17										324	648	648	1,621
14 Sep-17											328	657	985
15 Oct-17												469	469
16 Total of Savings Impacts (MWh) in Updated Test Period	388	1,257	2,035	2,550	3,109	3,714	4,250	4,722	5,242	5,884	6,536	7,334	47,021
17 Understatement of Lost Revenue (MWh) in Test Period (Line 2 - Line 16)													46,608
18 Percentage of Understated Lost Revenue (MWh) (Line 17 / Line 2)													49.8%

Notes:

<sup>1</sup> Incremental EE Impacts (MWh) (MyHER Program Impacts are not recognized)

<sup>2</sup> Allocated Incremental EE Impacts (MWh) - NC Only

Non Residential EE Sales Impacts and Resulting Overstatement of Sales Values

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
1 Incremental Savings 1-16 to 12-16	7,054	11,357	17,847	6,782	8,339	6,683	9,113	13,402	8,748	9,307	11,076	12,229	121,938 <sup>1</sup>
2 NC Incremental Savings 1-16 to 12-16 (Allocation)	6,027	9,703	15,248	5,795	7,125	5,710	7,786	11,450	7,475	7,952	9,463	10,448	104,182 <sup>2</sup>
3 Savings Impacts (MWh) In Updated Test Period													
4 Jan-16	251	502	502	502	502	502	502	502	502	502	502	502	5,776
5 Feb-16		404	809	809	809	809	809	809	809	809	809	809	8,490
6 Mar-16			635	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	1,271	12,072
7 Apr-16				241	483	483	483	483	483	483	483	483	4,105
8 May-16					297	594	594	594	594	594	594	594	4,453
9 Jun-16						238	476	476	476	476	476	476	3,093
10 Jul-16							324	649	649	649	649	649	3,569
11 Aug-16								477	954	954	954	954	4,294
12 Sep-16									311	623	623	623	2,180
13 Oct-16										331	663	663	1,657
14 Nov-16											394	789	1,183
15 Dec-16												435	435
16 Total of Savings Impacts (MWh) in Updated Test Period	251	907	1,946	2,823	3,361	3,896	4,458	5,260	6,048	6,691	7,417	8,246	51,305
17 Understatement of Lost Revenue (MWh) in Test Period (Line 2 - Line 16)													52,876
18 Percentage of Understated Lost Revenue (MWh) (Line 17 / Line 2)													50.8%

Notes:

<sup>1</sup> Incremental EE Impacts (MWh) (BER Program Impacts are not recognized)

<sup>2</sup> Allocated Incremental EE Impacts (MWh) - NC Only

Duke Energy Progress  
 Supplemental Evans Exhibit 1, page 1  
 Vintage 2015 True Up - January 1, 2015 to December 31, 2015  
 Docket Number E-2, Sub 1174  
 Load Impacts and Estimated Revenue Requirements by Program

NO CHANGE

	A	B	C	D	E	F	G	H			
				=(A-B)*C	=(B+D)			=O (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 <sup>(1)</sup>	NC Retail kWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement <sup>(2)</sup>	Adjusted Revenue Requirement (EMF)	
<b>Residential Programs</b>											
<b>EE Programs</b>											
Appliance Recycling Program	566	4,407,053	\$ 1,508,567	\$ 1,220,465	13.00%	\$ 37,453	\$ 1,257,919	85.29000000%	E1 * F1	\$ 1,072,879	\$ -
Energy Education Program for Schools	1,102	2,602,999	\$ 1,576,241	\$ 703,689	0.00%	\$ -	\$ 703,689	85.29000000%	E2 * F2	\$ 600,176	\$ -
Energy Efficient Lighting	8,839	61,303,976	\$ 35,910,710	\$ 14,616,136	13.00%	\$ 2,768,295	\$ 17,384,431	85.29000000%	E3 * F3	\$ 14,827,181	\$ -
Home Energy Improvement Program	1,911	6,086,957	\$ 6,858,804	\$ 5,298,232	13.00%	\$ 202,874	\$ 5,501,106	85.29000000%	E4 * F4	\$ 4,691,894	\$ -
Multi-Family	2,112	17,949,005	\$ 9,816,135	\$ 2,615,745	13.00%	\$ 936,051	\$ 3,551,795	85.29000000%	E5 * F5	\$ 3,029,326	\$ (21,570)
Neighborhood Energy Saver	315	2,067,494	\$ 1,134,613	\$ 1,586,061	0.00%	\$ -	\$ 1,586,061	85.29000000%	E6 * F6	\$ 1,352,751	\$ -
Residential New Construction	2,828	6,607,792	\$ 12,081,218	\$ 7,447,258	13.00%	\$ 602,415	\$ 8,049,672	85.29000000%	E8 * F8	\$ 6,865,566	\$ (31,782)
Save Energy and Water Kit	-	-	\$ -	\$ -	13.00%	\$ -	\$ -	85.29000000%	E10 * F10	\$ -	\$ -
Residential Home Advantage	-	-	\$ -	\$ -	13.00%	\$ -	\$ -	85.29000000%		\$ -	\$ -
<b>Total for Residential Conservation Programs</b>	<b>17,673</b>	<b>101,025,275</b>	<b>\$ 68,886,289</b>	<b>\$ 33,487,585</b>		<b>\$ 4,547,088</b>	<b>\$ 38,034,673</b>			<b>\$ 32,439,773</b>	<b>\$ (53,353)</b>
My Home Energy Report	17,141	105,857,368	\$ 5,791,217	\$ 5,808,941	13.00%	\$ -	\$ 5,808,941	85.29000000%	E11 * F11	\$ 4,954,446	\$ 227,654
<b>Total Residential Conservation and Behavioral Programs</b>	<b>34,814</b>	<b>206,882,643</b>	<b>\$ 74,677,506</b>	<b>\$ 39,296,526</b>		<b>\$ 4,547,088</b>	<b>\$ 43,843,614</b>			<b>\$ 37,394,219</b>	<b>\$ 174,301</b>
								<b>NC Residential Peak Demand Allocation Factor</b>			
EnergyWise	28,015	-	\$ 32,617,641	\$ 5,205,545	8.00%	\$ 2,192,968	\$ 7,398,513	86.0466667%		\$ 6,366,174	\$ -
<b>Total Residential</b>	<b>62,829</b>	<b>206,882,643</b>	<b>\$ 107,295,146</b>	<b>\$ 44,502,071</b>		<b>\$ 6,740,055</b>	<b>\$ 51,242,126</b>			<b>\$ 43,760,393</b>	<b>\$ 174,301</b>
<b>Non-Residential Programs</b>											
<b>EE Programs</b>											
Business Energy Report	-	-	\$ -	\$ 74,374	13.00%	\$ -	\$ 74,374	85.29000000%	E13 * F13	\$ 63,433	\$ -
Energy Efficiency for Business	4,829	57,365,602	\$ 29,902,372	\$ 6,226,453	13.00%	\$ 3,077,869	\$ 9,304,322	85.29000000%	E14 * F14	\$ 7,935,657	\$ -
Energy Efficient Lighting	4,172	19,250,609	\$ 11,551,470	\$ 1,775,958	13.00%	\$ 1,270,817	\$ 3,046,775	85.29000000%	E16 * F16	\$ 2,598,594	\$ -
Small Business Energy Saver	6,829	42,318,074	\$ 25,239,036	\$ 9,780,196	13.00%	\$ 2,009,649	\$ 11,789,845	85.29000000%	E17 * F17	\$ 10,055,559	\$ -
<b>Total for Non-Residential Conservation Programs</b>	<b>15,830</b>	<b>118,934,285</b>	<b>\$ 66,692,877</b>	<b>\$ 17,856,981</b>		<b>\$ 6,358,335</b>	<b>\$ 24,215,316</b>			<b>\$ 20,653,243</b>	<b>\$ -</b>
EnergyWise for Business	-	-	\$ -	\$ 65,456	8.00%	\$ -	\$ 65,456	86.0466667%	E19 * F19	\$ 56,323	\$ -
Commercial, Industrial, & Governmental Demand Response	894	-	\$ 1,025,439	\$ 569,444	8.00%	\$ 36,480	\$ 605,924	86.0466667%	E20 * F20	\$ 521,377	\$ -
<b>Total for Non-Residential DSM Programs</b>	<b>894</b>	<b>-</b>	<b>\$ 1,025,439</b>	<b>\$ 634,900</b>		<b>\$ 36,480</b>	<b>\$ 671,380</b>			<b>\$ 577,700</b>	<b>\$ -</b>
<b>Total Non Residential</b>	<b>16,725</b>	<b>118,934,285</b>	<b>\$ 67,718,316</b>	<b>\$ 18,491,881</b>		<b>\$ 6,394,815</b>	<b>\$ 24,886,696</b>			<b>\$ 21,230,943</b>	<b>\$ -</b>
<b>Total All Programs</b>	<b>79,554</b>	<b>325,816,928</b>	<b>\$ 175,013,463</b>	<b>\$ 62,993,952</b>		<b>\$ 13,134,870</b>	<b>\$ 76,128,823</b>			<b>\$ 64,991,336</b>	<b>\$ 174,301</b>
(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											
DSDR	315,673	41,988,428		7,999,427			\$ 7,999,427				
<b>Total with DSDR</b>	<b>395,226</b>	<b>367,805,357</b>	<b>\$ 175,013,463</b>	<b>\$ 70,993,380</b>		<b>\$ 13,134,870</b>	<b>\$ 84,128,250</b>		<b>\$ 64,991,336</b>	<b>\$ 174,301</b>	



Duke Energy Progress  
 Supplemental Items Exhibit 1, page 2  
 Vintage 2015 True Up - January 1, 2015 to December 31, 2015  
 Docket Number E-2, Sub 1174  
 Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	J	K								
			=A*B	=A*C			=PMT(E,F,D)	=I*B	=G/H		=J		=L*K	=M*L*E	=M*N		=J+I								
	NC Incentive	Income Tax Rate	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortization Period	Vintage Year 2015 - Year 1 PPI	Income Tax Gross-Up Factor	Adjusted PPI	Original Vintage 2015 PPI	PPI Over / (Under) Collection	Years at Original PPI Level	Cumulative PPI Over / (Under) Collection	Carrying Costs	PPI Over/(Under) Collection w/COst	I Prior Period PPI	Vintage 2009 PPI	Vintage 2010 PPI	Vintage 2011 PPI	Vintage 2012 PPI	Vintage 2013 PPI	Vintage 2014 PPI	PPI Values for Test Period		
<b>Residential Programs</b>																									
<b>EE Programs</b>																									
1	Appliance Recycling Program	\$ 31,944	38.16%	\$ (12,190)	\$ 19,754	6.73%	10	\$ 2,778	61.84%	\$ 4,492	\$ 4,492	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ 112,329	\$ -	\$ 28,547	\$ 20,592	\$ 38,647	\$ 17,038	\$ 7,505	\$ 116,821
2	Energy Education Program for Schools	\$ -	38.16%	\$ -	\$ -	6.73%	N/A	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	Energy Efficient Lighting	\$ 2,361,078	38.16%	\$ (900,992)	\$ 1,460,086	6.73%	10	\$ 205,338	61.84%	\$ 332,048	\$ 332,048	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ 2,512,631	\$ 546,425	\$ 309,670	\$ 621,854	\$ 636,857	\$ 397,825	\$ 2,844,679	
4	Home Energy Improvement Program	\$ 173,032	38.16%	\$ (66,029)	\$ 107,002	6.73%	10	\$ 15,048	61.84%	\$ 24,334	\$ 24,334	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ 325,755	\$ 10,405	\$ 75,357	\$ 116,481	\$ 108,864	\$ 0	\$ 14,647	\$ 350,089
5	Multi-Family	\$ 798,358	38.16%	\$ (304,655)	\$ 493,703	6.73%	5	\$ 119,554	61.84%	\$ 193,329	\$ 173,120	\$ (20,209)	1	\$ (20,209)	\$ (1,361)	\$ (21,570)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,329
6	Neighborhood Energy Saver	\$ -	38.16%	\$ -	\$ -	6.73%	N/A	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7	Residential New Construction	\$ 513,800	38.16%	\$ (196,067)	\$ 317,733	6.73%	10	\$ 44,684	61.84%	\$ 72,258	\$ 42,480	\$ (29,777)	1	\$ (29,777)	\$ (2,005)	\$ (31,782)	\$ 102,391	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 54,738	\$ 174,649
8	Save Energy and Water Kit	\$ -	38.16%	\$ -	\$ -	6.73%	5	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
9	Residential Home Advantage	\$ -	38.16%	\$ -	\$ -	6.73%	10	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ 176,476	\$ 8,018	\$ 27,560	\$ 79,940	\$ 60,450	\$ 517	\$ 176,476	
10	Total for Residential Conservation Programs	\$ 3,878,211		\$ (1,479,933)	\$ 2,398,278			\$ 387,402		\$ 626,461	\$ 576,474	\$ (49,986)		\$ (49,986)	\$ (3,366)	\$ (53,353)	\$ 3,229,582	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 3,856,042	
11	My Home Energy Report	\$ -	38.16%	\$ -	\$ -	6.73%	1	\$ -	61.84%	\$ -	\$ 213,290	\$ 213,290	1	\$ 213,290	\$ 14,364	\$ 227,654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Total Residential Conservation and Behavioral Programs	\$ 3,878,211		\$ (1,479,933)	\$ 2,398,278			\$ 387,402		\$ 626,461	\$ 789,764	\$ 163,304		\$ 163,304	\$ 10,997	\$ 174,301	\$ 3,229,582	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 3,856,042	
13	EnergyWise	\$ 1,886,976	38.16%	\$ (720,074)	\$ 1,166,902	6.73%	10	\$ 164,106	61.84%	\$ 265,373	\$ 265,373	\$ -	1	\$ -	\$ -	\$ -	\$ 2,978,510	\$ 135,141	\$ 1,043,048	\$ 781,456	\$ 347,959	\$ 301,384	\$ 369,522	\$ 3,243,883	
14	Total Residential	\$ 5,765,187		\$ (2,200,007)	\$ 3,565,180			\$ 551,508		\$ 891,833	\$ 1,055,137	\$ 163,304		\$ 163,304	\$ 10,997	\$ 174,301	\$ 6,208,092	\$ 153,564	\$ 1,720,927	\$ 1,308,140	\$ 1,177,773	\$ 1,003,450	\$ 844,237	\$ 7,099,925	
<b>Non-Residential Programs</b>																									
<b>EE Programs</b>																									
15	Business Energy Report	\$ -	38.16%	\$ -	\$ -	6.73%	1	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
16	Energy Efficiency for Business	\$ 2,625,115	38.16%	\$ (1,001,749)	\$ 1,623,366	6.73%	10	\$ 228,300	61.84%	\$ 369,180	\$ 369,180	\$ -	1	\$ -	\$ -	\$ -	\$ 3,112,222	\$ 169,910	\$ 452,376	\$ 649,907	\$ 722,666	\$ 678,479	\$ 438,885	\$ 3,481,402	
17	Energy Efficient Lighting	\$ 1,083,879	38.16%	\$ (413,611)	\$ 670,269	6.73%	10	\$ 94,263	61.84%	\$ 152,430	\$ 152,430	\$ -	1	\$ -	\$ -	\$ -	\$ 650,689	\$ -	\$ 134,853	\$ 74,572	\$ 153,107	\$ 174,371	\$ 116,186	\$ 803,120	
18	Small Business Energy Saver	\$ 1,714,030	38.16%	\$ (654,077)	\$ 1,059,953	6.73%	10	\$ 189,065	61.84%	\$ 241,051	\$ 241,051	\$ -	1	\$ -	\$ -	\$ -	\$ 298,032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,323	\$ 639,682
19	Total for Non-Residential Conservation Programs	\$ 5,423,024		\$ (2,069,437)	\$ 3,353,587			\$ 471,628		\$ 762,661	\$ 762,661	\$ -		\$ -	\$ -	\$ -	\$ 4,060,943	\$ 169,910	\$ 587,229	\$ 724,479	\$ 875,773	\$ 931,159	\$ 722,304	\$ 4,623,604	
20	EnergyWise for Business	\$ -	38.16%	\$ -	\$ -	6.73%	10	\$ -	61.84%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
21	Commercial, Industrial, & Governmental Demand Response	\$ 31,389	38.16%	\$ (11,978)	\$ 19,411	6.73%	10	\$ 2,730	61.84%	\$ 4,414	\$ 4,414	\$ -	1	\$ -	\$ -	\$ -	\$ 146,545	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 150,959	
22	Total for Non-Residential DSM Programs	\$ 31,389		\$ (11,978)	\$ 19,411			\$ 2,730		\$ 4,414	\$ 4,414	\$ -		\$ -	\$ -	\$ -	\$ 146,545	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 150,959	
23	Total Non Residential	\$ 5,454,413		\$ (2,081,415)	\$ 3,372,998			\$ 474,358		\$ 767,075	\$ 767,075	\$ -		\$ -	\$ -	\$ -	\$ 4,207,488	\$ 169,910	\$ 652,951	\$ 742,134	\$ 904,088	\$ 940,873	\$ 797,533	\$ 4,674,563	
24	Total All Programs	\$ 11,219,600		\$ (4,281,422)	\$ 6,938,178			\$ 1,025,866		\$ 1,658,908	\$ 1,822,212	\$ 163,304		\$ 163,304	\$ 10,997	\$ 174,301	\$ 10,415,580	\$ 323,474	\$ 2,373,878	\$ 2,050,273	\$ 2,081,861	\$ 1,944,323	\$ 1,641,770	\$ 12,074,488	

(1) Energy Efficient Benchmarking 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  
 Supplemental Evans Exhibit 1, page 3  
 Vintage 2016 True Up - January 1, 2016 to December 31, 2016  
 Docket Number E-2, Sub 1174  
 Load Impacts and Estimated Revenue Requirements by Program

REVISED

	A	B	C	D	E	F	G	H				
				=(A-B)*C	=(B+D)			=K (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 <sup>(1)</sup>	NC Retail kWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement <sup>(2)</sup>	NC Residential Adjusted Revenue Requirement		
<b>Residential Programs</b>												
<b>EE Programs</b>												
1	Appliance Recycling Program	27	206,569	\$ 76,177	\$ (137,009)	11.75%	\$ 25,049	\$ (111,960)	85.4384204%	E1 * F1	\$ (95,657)	\$ -
2	Energy Education Program for Schools	1,081	2,553,617	\$ 1,693,087	\$ 827,497	0.00%	\$ -	\$ 827,497	85.4384204%	E2 * F2	\$ 707,000	\$ -
3	Energy Efficient Lighting	6,006	41,649,479	\$ 33,998,827	\$ 15,552,184	11.75%	\$ 2,167,481	\$ 17,719,665	85.4384204%	E3 * F3	\$ 15,139,401	\$ -
4	Home Energy Improvement Program	1,904	6,289,383	\$ 6,991,688	\$ 6,013,170	11.75%	\$ 114,976	\$ 6,128,146	85.4384204%	E4 * F4	\$ 5,235,791	\$ 15
5	Multi-Family	1,480	12,462,490	\$ 7,155,924	\$ 2,045,220	11.75%	\$ 600,508	\$ 2,645,727	85.4384204%	E5 * F5	\$ 2,650,468	\$ (12,725)
6	Neighborhood Energy Saver	304	1,992,091	\$ 1,167,680	\$ 2,052,535	0.00%	\$ -	\$ 2,052,535	85.4384204%	E6 * F6	\$ 1,753,654	\$ -
7	Residential Energy Assessments	692	4,141,847	\$ 3,725,714	\$ 1,417,924	11.75%	\$ 271,165	\$ 1,689,090	85.4384204%	E7 * F7	\$ 1,443,131	\$ -
8	Residential New Construction	4,703	10,959,146	\$ 21,071,142	\$ 9,405,615	11.75%	\$ 1,370,699	\$ 10,776,315	85.4384204%	E7 * F7	\$ 9,207,113	\$ 3,847
9	Save Energy and Water Kit	5,914	17,671,857	\$ 13,873,513	\$ 674,538	11.75%	\$ 1,550,880	\$ 2,225,418	85.4384204%	E8 * F8	\$ 1,901,362	\$ (104,416)
10	Residential Home Advantage	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.4384204%		\$ -	\$ -
11	Total for Residential Conservation Programs	22,110	97,926,479	\$ 89,753,752	\$ 37,851,674		\$ 6,100,758	\$ 43,952,432			\$ 37,552,263	\$ (113,279)
12	My Home Energy Report	16,905	102,921,181	\$ 7,524,461	\$ 5,890,093	11.75%	\$ 192,038	\$ 6,082,131	85.4384204%	E11 * F11	\$ 5,196,477	\$ 325,852
13	Total Residential Conservation and Behavioral Programs	39,015	200,847,659	\$ 97,278,213	\$ 43,741,767		\$ 6,292,796	\$ 50,034,563			\$ 42,748,740	\$ 212,573
14	EnergyWise	34,059	-	\$ 70,854,171	\$ 6,887,758	11.75%	\$ 7,516,054	\$ 14,403,811	NC Residential Peak Demand Allocation Factor (2)	NC Allocation Factor (2)	\$ 6,220,487	\$ -
15	Total Residential	73,074	200,847,659	\$ 168,132,384	\$ 50,629,524		\$ 13,808,850	\$ 64,438,374	86.1687719%	46.8604563%	\$ 48,969,227	\$ 212,573
<b>Non-Residential Programs</b>												
<b>EE Programs</b>												
15	Business Energy Report	740	4,546,814	\$ 309,365	\$ 69,516		\$ -	\$ 69,516	85.4384204%	E13 * F13	\$ 59,393	\$ -
16	Energy Efficiency for Business	10,201	71,154,719	\$ 47,824,935	\$ 14,159,310	11.75%	\$ 3,955,711	\$ 18,115,021	85.4384204%	E14 * F14	\$ 15,477,188	\$ 272
17	Energy Efficient Lighting	2,818	12,180,303	\$ 10,884,259	\$ 1,889,694	11.75%	\$ 1,056,861	\$ 2,946,556	85.4384204%	E16 * F16	\$ 2,517,491	\$ -
18	Small Business Energy Saver	8,675	49,979,294	\$ 32,988,897	\$ 9,336,274	11.75%	\$ 2,779,183	\$ 12,115,457	85.4384204%	E17 * F17	\$ 10,351,255	\$ 8,890
19	Total for Non-Residential Conservation Programs	22,434	137,861,130	\$ 92,007,456	\$ 25,454,794		\$ 7,791,755	\$ 33,246,550			\$ 28,405,327	\$ 9,162
20	EnergyWise for Business	523	412,047	\$ 164,696	\$ 1,112,815	11.75%	\$ (111,404)	\$ 1,001,411	86.1687719%	E19 * F19	\$ 7,054,004	\$ 74,686
21	Commercial, Industrial, & Governmental Demand Respo	(5,344)	-	\$ (10,684,733)	\$ -	11.75%	\$ -	\$ -	86.1687719%	E20 * F20	\$ -	\$ -
22	Total for Non-Residential DSM Programs	(4,821)	412,047	\$ (10,520,037)	\$ 1,112,815		\$ (111,404)	\$ 1,001,411	86.1687719%	NC Allocation Factor (2)	\$ 7,054,004	\$ 74,686
23	Total Non Residential	17,613	138,273,177	\$ 81,487,419	\$ 26,567,609		\$ 7,680,352	\$ 34,247,961	53.1395437%		\$ 35,459,331	\$ 83,848
24	Total All Programs	90,687	339,120,836	\$ 249,619,802	\$ 77,197,134		\$ 21,489,201	\$ 98,686,335			\$ 84,428,558	\$ 296,421
(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												
24	DSDR	281,372	33,941,086		7,944,728			\$ 7,944,728				
25	Total with DSDR	372,058	373,061,922	\$ 249,619,802	\$ 85,141,861		\$ 21,489,201	\$ 106,631,062			\$ 84,428,558	\$ 296,421

Duke Energy Progress  
 Supplemental Exams Exhibit 1, page 4  
 Vintage 2016 True-Up: January 1, 2016 to December 31, 2016  
 Docket Number E-2, Sub 1174  
 Load Impacts and Estimated Revenue Requirements by Program

A	B	C	D	E	F	G	H	I	~2016 PPI True-Up						P	hard-code when final for 2018 linked to this year's v2015 while changing					K				
									J	K	L	M	N	O		Vintage 2009 PPI	Vintage 2010 PPI	Vintage 2011 PPI	Vintage 2012 PPI	Vintage 2013 PPI		Vintage 2014 PPI	Vintage 2015 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 2016 - Year 1 PPI	Income Tax Gross-Up Factor	Adjusted PPI	Original Vintage 2016 PPI	PPI Over / (Under) Collection	Years at Original PPI Level	Cumulative PPI Over / (Under) Collection	Carrying Costs	PPI Over/(Under) Collection w/CCost	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	PPI Values for Test Period	
																									=A*B
<b>EE Programs</b>																									
1	Appliance Recycling Program	\$ 21,402	\$ (8,049)	\$ 13,353	6.75%	10	\$ 1,879	62.39%	\$ 3,011	\$ 3,011	\$ -	1	\$ -	\$ -	\$ -	\$ 116,821	\$ -	\$ 28,547	\$ 20,592	\$ 38,647	\$ 17,038	\$ 7,505	\$ 4,492	\$ 119,833	
2	Energy Education Program for Schools	\$ -	\$ -	\$ -	6.75%	N/A	\$ -	62.39%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	Energy Efficient Lighting	\$ 1,851,861	\$ (696,487)	\$ 1,155,374	6.75%	5	\$ 279,872	62.39%	\$ 448,586	\$ 448,586	\$ -	1	\$ -	\$ -	\$ -	\$ 2,844,679	\$ -	\$ 546,425	\$ 309,670	\$ 621,854	\$ 636,857	\$ 397,825	\$ 332,048	\$ 3,293,264	
4	Home Energy Improvement Program	\$ 98,234	\$ (36,946)	\$ 61,288	6.75%	10	\$ 8,624	62.39%	\$ 13,823	\$ 13,827	\$ 14	1	\$ 14	\$ -	\$ 15	\$ 350,089	\$ 10,405	\$ 75,357	\$ 116,481	\$ 108,864	\$ 0	\$ 14,647	\$ -	\$ 24,334	
5	Multi-Family	\$ 513,064	\$ (159,264)	\$ 353,800	6.75%	5	\$ 77,539	62.39%	\$ 124,282	\$ 112,862	\$ (11,920)	1	\$ (11,920)	\$ (804)	\$ (12,725)	\$ 193,329	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,329
6	Neighborhood Energy Saver	\$ 37,616	\$ -	\$ -	6.75%	N/A	\$ -	62.39%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7	Residential Energy Assessments	\$ 231,679	\$ (87,135)	\$ 144,544	6.75%	5	\$ 35,014	62.39%	\$ 56,121	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
8	Residential New Construction	\$ 1,171,104	\$ (440,453)	\$ 730,651	6.75%	10	\$ 102,811	62.39%	\$ 164,787	\$ 169,391	\$ 3,604	1	\$ 3,604	\$ 243	\$ 3,847	\$ 174,649	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 54,738	\$ 72,258	
9	Save Energy and Water Kit	\$ 1,325,047	\$ (498,352)	\$ 826,696	6.75%	5	\$ 200,255	62.39%	\$ 320,973	\$ 223,155	\$ (97,817)	1	\$ (97,817)	\$ (6,599)	\$ (104,416)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 320,973
10	Residential Home Advantage	\$ 37,616	\$ -	\$ -	6.75%	10	\$ -	62.39%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ 376,476	\$ 8,018	\$ 27,550	\$ 79,940	\$ 60,450	\$ 517	\$ -	\$ -	\$ 376,476	
11	Total for Residential Conservation Programs	\$ 5,212,391	\$ (1,960,385)	\$ 3,252,006			\$ 705,993		\$ 1,131,583	\$ 1,025,463	\$ (106,120)	5	\$ (106,120)	\$ (7,159)	\$ (113,279)	\$ 3,856,042	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 626,461	\$ 4,987,625	
12	My Home Energy Report	\$ 164,074	\$ (61,709)	\$ 102,366	6.75%	1	\$ 102,366	62.39%	\$ 164,074	\$ 469,333	\$ 305,259	1	\$ 305,259	\$ 20,593	\$ 325,852	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 164,074
13	Total Residential Conservation and Behavioral Programs	\$ 5,376,465	\$ (2,022,094)	\$ 3,354,371			\$ 808,359		\$ 1,295,657	\$ 1,494,796	\$ 199,139	1	\$ 199,139	\$ 13,434	\$ 212,473	\$ 3,856,042	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 626,461	\$ 5,151,099	
14	EnergyWise	\$ 6,476,491	\$ (2,435,815)	\$ 4,040,676	6.75%	10	\$ 568,568	62.39%	\$ 911,314	\$ 911,314	\$ -	1	\$ -	\$ -	\$ -	\$ 3,243,883	\$ 335,141	\$ 1,043,048	\$ 781,456	\$ 347,959	\$ 301,384	\$ 369,522	\$ 265,373	\$ 4,155,197	
15	Total Residential	\$ 11,852,956	\$ (4,457,909)	\$ 7,395,048			\$ 1,376,927		\$ 2,206,971	\$ 2,406,110	\$ 199,139	1	\$ 199,139	\$ 13,434	\$ 212,573	\$ 7,099,925	\$ 153,564	\$ 1,720,927	\$ 1,808,140	\$ 1,177,773	\$ 1,003,450	\$ 844,237	\$ 891,833	\$ 9,306,896	
<b>Non-Residential Programs</b>																									
<b>EE Programs</b>																									
15	Business Energy Report	\$ -	\$ -	\$ -	6.75%	1	\$ -	62.39%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Energy Efficiency for Business	\$ 3,379,697	\$ (1,271,107)	\$ 2,108,590	6.75%	3	\$ 799,757	62.39%	\$ 1,281,869	\$ 1,282,124	\$ 254	1	\$ 254	\$ 17	\$ 272	\$ 3,481,402	\$ 169,910	\$ 452,376	\$ 649,907	\$ 722,666	\$ 678,479	\$ 438,885	\$ 369,180	\$ 4,763,272	
17	Energy Efficient Lighting	\$ 902,966	\$ (339,606)	\$ 563,359	6.75%	5	\$ 136,465	62.39%	\$ 218,730	\$ 218,730	\$ -	1	\$ -	\$ -	\$ -	\$ 803,120	\$ -	\$ 134,853	\$ 74,572	\$ 153,107	\$ 171,971	\$ 116,186	\$ 152,430	\$ 1,021,849	
18	Small Business Energy Saver	\$ 2,374,490	\$ (893,048)	\$ 1,481,442	6.75%	3	\$ 551,889	62.39%	\$ 900,609	\$ 908,938	\$ 8,328	1	\$ 8,328	\$ 562	\$ 8,890	\$ 139,082	\$ -	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,323	\$ 141,051	\$ 1,436,092	
19	Total for Non-Residential Conservation Programs	\$ 6,657,153	\$ (2,503,762)	\$ 4,153,391			\$ 1,498,112		\$ 2,401,209	\$ 2,409,791	\$ 8,583	1	\$ 8,583	\$ 579	\$ 9,162	\$ 4,823,604	\$ 169,910	\$ 587,229	\$ 724,479	\$ 875,773	\$ 931,159	\$ 772,394	\$ 762,661	\$ 7,224,812	
20	EnergyWise for Business	\$ (95,995)	\$ 36,104	\$ (59,891)	6.75%	1	\$ (63,932)	62.39%	\$ (102,471)	\$ (32,505)	\$ 69,966	1	\$ 69,966	\$ 4,720	\$ 74,686	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (102,471)
21	Commercial, Industrial, & Governmental Demand Respo	\$ -	\$ -	\$ -	6.75%	3	\$ -	62.39%	\$ -	\$ -	\$ -	1	\$ -	\$ -	\$ -	\$ 150,959	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 4,414	\$ 150,959	
22	Total for Non-Residential DSM Programs	\$ (95,995)	\$ 36,104	\$ (59,891)			\$ (63,932)		\$ (102,471)	\$ (32,505)	\$ 69,966	1	\$ 69,966	\$ 4,720	\$ 74,686	\$ 150,959	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 4,414	\$ 48,488	
23	Total Non-Residential	\$ 6,561,157	\$ (2,467,658)	\$ 4,093,500			\$ 1,434,180		\$ 2,298,737	\$ 2,377,286	\$ 78,549	1	\$ 78,549	\$ 5,299	\$ 83,848	\$ 4,974,563	\$ 169,910	\$ 652,951	\$ 742,134	\$ 904,088	\$ 940,873	\$ 797,533	\$ 767,075	\$ 7,273,300	
24	Total All Programs	\$ 18,414,114	\$ (6,925,567)	\$ 11,488,547			\$ 2,811,107		\$ 4,505,708	\$ 4,783,396	\$ 277,688	1	\$ 277,688	\$ 18,733	\$ 296,421	\$ 12,074,488	\$ 323,474	\$ 2,373,878	\$ 2,050,273	\$ 2,081,861	\$ 1,944,323	\$ 1,641,770	\$ 1,658,908	\$ 16,580,196	

(1) Energy Efficient Benchmarking 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  
Supplemental Evans Exhibit 1, page 5  
Vintage 2017 True Up - January 1, 2017 to December 31, 2017  
Docket Number E-2, Sub 1174  
Load Impacts and Estimated Revenue Requirements by Program

REVISED

	A	B	C	D	E	F	G	H			
				=(A-B)*C	=(E+D)			=K (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 <sup>(1)</sup>	NC Retail kWh Sales Allocation Factor	NC Residential Unadjusted Revenue Requirement <sup>(2)</sup>	NC Residential Adjusted Revenue Requirement	
<b>Residential Programs</b>											
<b>EE Programs</b>											
1 Appliance Recycling Program	-	-	\$ -	\$ 5,586	11.75%	\$ (656)	\$ 4,930	85.5082864%	E1 * F1	\$ 4,215	\$ 119,754
2 Energy Education Program for Schools	996	2,353,765	\$ 1,376,442	\$ 835,991	0.00%	\$ -	\$ 835,991	85.5082864%	E2 * F2	\$ 714,841	\$ -
3 Energy Efficient Lighting	4,314	29,913,877	\$ 29,337,282	\$ 10,904,279	11.75%	\$ 2,165,878	\$ 13,070,157	85.5082864%	E3 * F3	\$ 11,176,067	\$ 3,742,027
4 Home Energy Improvement Program	1,975	7,357,987	\$ 6,314,054	\$ 6,961,463	11.75%	\$ (76,071)	\$ 6,885,392	85.5082864%	E4 * F4	\$ 5,887,581	\$ 354,753
5 Multi-Family	2,192	16,150,507	\$ 10,237,157	\$ 2,514,413	11.75%	\$ 907,422	\$ 3,421,836	85.5082864%	E5 * F5	\$ 2,925,953	\$ 505,626
6 Neighborhood Energy Saver	335	2,200,240	\$ 1,117,743	\$ 1,781,211	0.00%	\$ -	\$ 1,781,211	85.5082864%	E6 * F6	\$ 1,523,083	\$ -
7 Residential Energy Assessments	910	5,447,736	\$ 4,303,959	\$ 1,863,486	11.75%	\$ 286,756	\$ 2,150,241	85.5082864%	E7 * F7	\$ 1,838,534	\$ 115,536
8 Residential New Construction	6,022	13,996,035	\$ 24,581,226	\$ 11,671,724	11.75%	\$ 1,516,867	\$ 13,188,590	85.5082864%	E7 * F7	\$ 11,277,338	\$ 522,045
9 Save Energy and Water Kit	8,377	25,021,451	\$ 17,187,186	\$ 888,869	11.75%	\$ 1,915,052	\$ 2,803,921	85.5082864%	E8 * F8	\$ 2,397,585	\$ 717,765
10 Residential Home Advantage	-	-	\$ -	\$ -	11.75%	\$ -	\$ -	85.5082864%		\$ -	\$ 176,476
11 Total for Residential Conservation Programs	25,121	102,441,597	\$ 94,455,049	\$ 37,427,021		\$ 6,715,248	\$ 44,142,269		\$ 37,745,297	\$ 6,253,982	
12 My Home Energy Report	19,964	117,851,515	\$ 6,972,509	\$ 6,753,153	11.75%	\$ 25,774	\$ 6,778,928	85.5082864%	E11 * F11	\$ 5,796,545	\$ 22,039
13 Total Residential Conservation and Behavioral Programs	45,085	220,293,112	\$ 101,427,558	\$ 44,180,174		\$ 6,741,022	\$ 50,921,196		\$ 43,541,842	\$ 6,276,021	
								NC Residential Peak Demand Allocation Factor	NC Allocation Factor (2)		
14 EnergyWise	33,428	-	\$ 62,965,960	\$ 6,502,032	11.75%	\$ 6,634,512	\$ 13,136,544	86.1579245%	48.2705209%	\$ 6,700,737	\$ 4,959,965
15 Total Residential	78,513	220,293,112	\$ 164,393,519	\$ 50,682,206		\$ 13,375,534	\$ 64,057,740		\$ 50,242,579	\$ 11,235,986	
<b>Non-Residential Programs</b>											
<b>EE Programs</b>											
16 Business Energy Report	-	-	\$ 737	\$ 20,330		\$ -	\$ 20,330	85.5082864%	E13 * F13	\$ 17,384	\$ -
17 Energy Efficiency for Business	16,958	103,103,354	\$ 78,970,008	\$ 21,749,807	11.75%	\$ 6,723,374	\$ 28,473,180	85.5082864%	E14 * F14	\$ 24,346,929	\$ 6,944,270
18 Energy Efficient Lighting	2,024	7,877,874	\$ 9,198,119	\$ 1,324,943	11.75%	\$ 925,098	\$ 2,250,041	85.5082864%	E16 * F16	\$ 1,923,972	\$ 1,213,527
19 Non-Res SmartSaver Performance	58	435,108	\$ 335,899	\$ 147,160	11.75%	\$ 12,177	\$ 169,337	85.5082864%	E17 * F17	\$ 144,797	\$ 7,194
20 Small Business Energy Saver	9,600	48,044,115	\$ 29,279,207	\$ 8,770,755	11.75%	\$ 2,409,743	\$ 11,180,499	85.5082864%	E18 * F18	\$ 9,560,253	\$ 2,221,389
21 Total for Non-Residential Conservation Programs	28,640	159,460,452	\$ 117,783,970	\$ 32,012,995		\$ 10,080,392	\$ 42,093,387		\$ 35,993,335	\$ 10,386,380	
22 EnergyWise for Business	2,887	983,712	\$ 858,655	\$ 1,390,549	11.75%	\$ (62,498)	\$ 1,328,052	86.1579245%	E19 * F19	\$ 6,446,732	\$ (57,486)
23 Commercial, Industrial, & Governmental Demand Response	1,969	-	\$ 3,551,967	\$ 1,393,650	11.75%	\$ 253,602	\$ 1,647,252	86.1579245%	E20 * F20	\$ 1,419,239	\$ 233,850
24 Total for Non-Residential DSM Programs	4,855	983,712	\$ 4,410,622	\$ 2,784,199		\$ 191,105	\$ 2,975,304	86.1579245%	NC Allocation Factor (2)	\$ 7,865,971	\$ 176,365
25 Total Non Residential	33,495	160,444,163	\$ 122,194,592	\$ 34,797,195		\$ 10,271,496	\$ 45,068,691		51.7294791%	\$ 43,859,306	\$ 10,562,745
26 Total All Programs	112,008	380,737,275	\$ 286,588,110	\$ 85,479,401		\$ 23,647,030	\$ 109,126,431			\$ 94,101,885	\$ 21,798,731
<small>(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</small>											
24 DSDR	334,505		\$ 35,518,685	\$ 11,146,179			\$ 11,146,179				
25 Total with DSDR	446,513	416,255,960	\$ 286,588,110	\$ 96,625,580		\$ 23,647,030	\$ 120,272,609		\$ 94,101,885	\$ 21,798,731	

Duke Energy Progress  
Supplemental Evans Exhibit 1, page 6  
Vintage 2017 True Up - January 1, 2017 to December 31, 2017  
Docket Number E-2, Sub 1174  
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C =A*B	D =A+C	E	F	G =PMT(E,F,D)	H =1-B	I	J											K =J+I
	NC Incentive	Income Tax Rate	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortization Period	Vintage Year 2017 - 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	PPI Values for Test Period		
<b>Residential Programs</b>																					
<b>EE Programs</b>																					
1 Appliance Recycling Program	\$ (561)	37.06%	\$ 208	\$ (353)	6.76%	10	\$ (50)	62.94%	\$ (79)	\$ 119,833	\$ -	\$ 28,547	\$ 20,592	\$ 38,647	\$ 17,038	\$ 7,505	\$ 4,492	\$ 3,011	\$ 119,754		
2 Energy Education Program for Schools	\$ -	37.06%	\$ -	\$ -	6.76%	N/A	\$ -	62.94%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
3 Energy Efficient Lighting	\$ 1,852,005	37.06%	\$ (686,353)	\$ 1,165,652	6.76%	5	\$ 282,451	62.94%	\$ 448,763	\$ 3,293,264	\$ -	\$ 546,425	\$ 309,670	\$ 621,854	\$ 636,857	\$ 397,825	\$ 332,048	\$ 448,586	\$ 3,742,027		
4 Home Energy Improvement Program	\$ (65,047)	37.06%	\$ 24,106	\$ (40,940)	6.76%	10	\$ (5,764)	62.94%	\$ (9,158)	\$ 363,911	\$ 10,405	\$ 75,357	\$ 116,481	\$ 108,864	\$ 0	\$ 14,647	\$ 24,334	\$ 13,823	\$ 354,753		
5 Multi-Family	\$ 775,921	37.06%	\$ (287,556)	\$ 488,365	6.76%	5	\$ 118,337	62.94%	\$ 188,015	\$ 317,611	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,329	\$ 124,282	\$ 505,626		
6 Neighborhood Energy Saver	\$ -	37.06%	\$ -	\$ -	6.76%	N/A	\$ -	62.94%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
7 Residential Energy Assessments	\$ 245,200	37.06%	\$ (90,871)	\$ 154,329	6.76%	5	\$ 37,396	62.94%	\$ 59,415	\$ 56,121	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,121		
8 Residential New Construction	\$ 1,297,047	37.06%	\$ (480,685)	\$ 816,361	6.76%	10	\$ 114,934	62.94%	\$ 182,609	\$ 339,436	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 54,738	\$ 72,258	\$ 164,787	\$ 522,045		
9 Save Energy and Water Kit	\$ 1,637,528	37.06%	\$ (606,868)	\$ 1,030,661	6.76%	5	\$ 249,741	62.94%	\$ 396,792	\$ 320,973	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 320,973		
10 Residential Home Advantage	\$ -	37.06%	\$ -	\$ -	6.76%	10	\$ -	62.94%	\$ -	\$ 176,476	\$ 8,018	\$ 27,550	\$ 79,940	\$ 60,450	\$ 517	\$ -	\$ -	\$ -	\$ 176,476		
11 Total for Residential Conservation Programs	\$ 5,742,093		\$ (2,128,019)	\$ 3,614,074			\$ 797,045		\$ 1,266,357	\$ 4,987,625	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 626,461	\$ 1,131,583	\$ 6,253,982		
12 My Home Energy Report	\$ 22,039	37.06%	\$ (8,168)	\$ 13,871	6.76%	1	\$ 13,871	62.94%	\$ 22,039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,039		
13 Total Residential Conservation and Behavioral Programs	\$ 5,764,132		\$ (2,136,187)	\$ 3,627,946			\$ 810,917		\$ 1,288,396	\$ 4,987,625	\$ 18,424	\$ 677,879	\$ 526,684	\$ 829,814	\$ 702,066	\$ 474,715	\$ 626,461	\$ 1,131,583	\$ 6,276,021		
14 EnergyWise	\$ 5,716,157	37.06%	\$ (2,118,407)	\$ 3,597,750	6.76%	10	\$ 506,521	62.94%	\$ 804,768	\$ 4,155,197	\$ 135,141	\$ 1,043,048	\$ 781,456	\$ 347,959	\$ 301,384	\$ 369,522	\$ 265,373	\$ 911,314	\$ 4,959,965		
15 Total Residential	\$ 11,480,290		\$ (4,254,594)	\$ 7,225,696			\$ 1,317,438		\$ 2,093,165	\$ 9,142,821	\$ 153,564	\$ 1,720,927	\$ 1,308,140	\$ 1,177,773	\$ 1,003,450	\$ 844,237	\$ 891,833	\$ 2,042,897	\$ 11,235,986		
<b>Non-Residential Programs</b>																					
<b>EE Programs</b>																					
16 Business Energy Report	\$ -	37.06%	\$ -	\$ -	6.76%	1	\$ -	62.94%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
17 Energy Efficiency for Business	\$ 5,749,042	37.06%	\$ (2,130,594)	\$ 3,618,447	6.76%	3	\$ 1,372,721	62.94%	\$ 2,180,999	\$ 4,763,272	\$ 169,910	\$ 452,376	\$ 649,907	\$ 722,666	\$ 678,479	\$ 438,885	\$ 369,180	\$ 1,281,869	\$ 6,944,270		
18 Energy Efficient Lighting	\$ 791,036	37.06%	\$ (291,158)	\$ 499,878	6.76%	5	\$ 120,642	62.94%	\$ 191,677	\$ 1,021,849	\$ -	\$ 134,853	\$ 74,572	\$ 153,107	\$ 171,971	\$ 116,186	\$ 152,430	\$ 218,730	\$ 1,213,527		
19 Non-Res SmartSaver Performance	\$ 18,963	37.06%	\$ (7,028)	\$ 11,935	6.76%	3	\$ 4,528	62.94%	\$ 7,194	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,194		
20 Small Business Energy Saver	\$ 2,060,530	37.06%	\$ (763,632)	\$ 1,296,898	6.76%	3	\$ 492,001	62.94%	\$ 781,698	\$ 1,439,692	\$ -	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,323	\$ 241,051	\$ 900,609	\$ 2,221,389		
20 Total for Non-Residential Conservation Programs	\$ 8,619,570		\$ (3,194,412)	\$ 5,425,158			\$ 1,989,891		\$ 3,161,568	\$ 7,224,812	\$ 169,910	\$ 587,229	\$ 724,479	\$ 875,773	\$ 931,159	\$ 772,394	\$ 762,661	\$ 2,401,209	\$ 10,386,380		
21 EnergyWise for Business	\$ (53,847)	37.06%	\$ 19,956	\$ (33,891)	6.76%	1	\$ (36,181)	62.94%	\$ (57,486)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (57,486)		
22 Commercial, Industrial, & Governmental Demand Response	\$ 218,498	37.06%	\$ (80,975)	\$ 137,523	6.76%	3	\$ 52,172	62.94%	\$ 82,891	\$ 150,959	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 35,139	\$ 4,414	\$ -	\$ 233,850		
23 Total for Non-Residential DSM Programs	\$ 164,652		\$ (61,020)	\$ 103,632			\$ 15,990		\$ 25,406	\$ 150,959	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 4,414	\$ -	\$ 176,365		
24 Total Non Residential	\$ 8,784,222		\$ (3,255,432)	\$ 5,528,790			\$ 2,005,881		\$ 3,186,973	\$ 7,375,772	\$ 169,910	\$ 652,951	\$ 742,134	\$ 904,088	\$ 940,873	\$ 797,533	\$ 767,075	\$ 2,401,209	\$ 10,562,745		
25 Total All Programs	\$ 20,264,512		\$ (7,510,026)	\$ 12,754,486			\$ 3,323,319		\$ 5,280,138	\$ 16,518,593	\$ 323,474	\$ 2,373,878	\$ 2,050,273	\$ 2,081,861	\$ 1,944,323	\$ 1,641,770	\$ 1,658,908	\$ 4,444,105	\$ 21,798,731		

(1) Energy Efficient Benchmarking 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  
Supplemental Evans Exhibit 1, page 7  
Vintage 2019 Estimate - January 1, 2019 to December 31, 2019  
Docket No. E-2, Sub 1174  
Load Impacts and Estimated Revenue Requirements by Program

NO CHANGE

	A	B	C	D	E	F	G	H	I			
				=(A-B)*C	=(B+D)				=K (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 **	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)	NC Residential Unadjusted Revenue Requirement**	NC Residential Adjusted Revenue Requirement	
<b>Residential Programs</b>												
<b>EE Programs</b>												
1 Appliance Recycling Program	-	-	-	-	11.75%	\$ -	\$ -	85.5608674%		E1 * F1	\$ -	\$ 120,467
2 Energy Education Program for Schools	980	2,314,528	1,158,100	753,793	0.00%	\$ -	\$ 753,793	85.5608674%		E2 * F2	\$ 644,952	\$ -
3 Energy Efficient Lighting	4,110	24,931,977	19,928,859	11,781,213	11.75%	\$ 957,348	\$ 12,738,561	85.5608674%		E3 * F3	\$ 10,899,223	\$ 4,281,624
4 Home Energy Improvement	1,111	4,183,859	3,427,625	3,985,069	11.75%	\$ (65,500)	\$ 3,919,569	85.5608674%		E4 * F4	\$ 3,353,618	\$ 331,825
5 Multi-Family	2,131	15,206,371	7,753,023	2,758,339	11.75%	\$ 589,225	\$ 3,327,564	85.5608674%		E5 * F5	\$ 2,847,093	\$ 781,261
6 Neighborhood Energy Saver	326	2,135,101	880,811	2,028,200	0.00%	\$ -	\$ 2,028,200	85.5608674%		E6 * F6	\$ 1,735,346	\$ -
7 Residential Energy Assessments	428	2,565,216	1,656,142	1,138,481	11.75%	\$ 60,825	\$ 1,199,306	85.5608674%		E7 * F7	\$ 1,026,137	\$ 158,392
8 Residential New Construction	7,101	16,446,576	23,483,512	12,691,351	11.75%	\$ 1,268,079	\$ 13,959,430	85.5608674%		E8 * F8	\$ 11,943,809	\$ 904,849
9 Save Energy and Water Kit	8,915	30,940,131	17,934,660	1,527,511	11.75%	\$ 1,927,840	\$ 3,455,351	85.5608674%		E9 * F9	\$ 2,956,428	\$ 1,370,632
10 Residential Home Advantage	-	-	-	-	11.75%	\$ -	\$ -	85.5608674%		E10 * F10	\$ -	\$ 168,458
11 Total for Residential Conservation Programs	25,101	98,723,759	76,222,731	36,643,956		\$ 4,737,818	\$ 41,381,774			\$ 35,406,606	\$ 8,117,508	
12 My Home Energy Report (1)	20,008	119,273,463	7,230,046	7,994,059	11.75%	\$ (89,772)	\$ 7,904,288	85.5608674%		E11 * F11	\$ 6,762,977	\$ (76,809)
13 Total Residential Conservation and Behavioral Programs	45,109	217,997,222	\$ 83,452,777	\$ 44,638,015		\$ 4,648,046	\$ 49,286,062			\$ 42,169,583	\$ 8,040,699	
<b>NC Residential Peak Demand Allocation Factor</b>												
14 EnergyWise * Home	27,116	-	48,615,454	5,238,465	11.75%	\$ 5,096,796	\$ 10,335,262	86.5304240%	48.5812530%	(E13+E23) *F13 *G13	\$ 8,241,070	\$ 6,137,852
15 Total Residential	72,225	217,997,222	\$ 132,068,231	\$ 49,876,481		\$ 9,744,843	\$ 59,621,323			\$ 50,410,653	\$ 14,178,551	
<b>Non-Residential Programs</b>												
<b>EE Programs</b>												
16 Energy Efficient Lighting	1,702	6,572,638	6,244,853	1,427,906	11.75%	\$ 565,991	\$ 1,993,897	85.5608674%		E15 * F15	\$ 1,705,996	\$ 1,486,980
17 Non-Residential Smart Saver Performance (Custom)	1,584	13,879,016	6,291,089	2,719,960	11.75%	\$ 419,608	\$ 3,139,567	85.5608674%		E16 * F16	\$ 2,686,241	\$ 335,732
18 Non-Residential Smart Saver Performance (Prescriptive)	7,337	48,474,009	26,084,465	11,408,405	11.75%	\$ 1,724,437	\$ 13,132,842	85.5608674%		E17 * F17	\$ 11,236,574	\$ 6,526,244
19 Non-Residential Smart Saver Performance Incentive	751	6,576,526	2,981,012	845,910	11.75%	\$ 250,874	\$ 1,096,785	85.5608674%		E18 * F18	\$ 938,418	\$ 54,602
20 Small Business Energy Saver	8,947	46,011,147	22,392,278	9,294,966	11.75%	\$ 1,538,934	\$ 10,833,900	85.5608674%		E19 * F19	\$ 9,269,579	\$ 2,690,548
21 Total for Non-Residential Conservation Programs	20,321	121,513,336	\$ 63,993,697	\$ 25,697,147		\$ 4,499,845	\$ 30,196,992			\$ 25,836,808	\$ 11,094,106	
<b>NC Non-Residential Peak Demand Allocation Factor</b>												
22 EnergyWise * for Business	8,886	1,536,576	1,694,124	2,476,808	11.75%	\$ (91,965)	\$ 2,384,843			\$ 2,244,257	\$ (84,858)	
23 Commercial Industrial Governmental Demand Response	7,357	-	12,595,610	6,123,482	11.75%	\$ 760,475	\$ 6,883,957			\$ 6,478,150	\$ 809,758	
24 Total for Non-Residential DSM Programs	16,243	1,536,576	\$ 14,289,734	\$ 8,600,290		\$ 668,510	\$ 9,268,800	86.5304240%	51.4187470%	(E13+E23) *F23 *G23	\$ 8,722,407	\$ 724,900
25 Total Non Residential	36,564	123,049,913	\$ 78,283,431	\$ 34,297,437		\$ 5,168,354	\$ 39,465,791			\$ 34,559,215	\$ 11,819,005	
26 Total All Programs	108,789	341,047,135	\$ 210,351,662	\$ 84,173,918		\$ 14,913,197	\$ 99,087,114			\$ 84,969,868	\$ 25,997,556	
<b>DSDR</b>												
1 DSDR	352,416	43,664,336		\$ 15,425,418	N/A	\$ -	\$ 15,425,418					
<b>Total All Programs with DSDR</b>	<b>461,204</b>	<b>384,711,471</b>	<b>\$ 210,351,662</b>	<b>\$ 99,599,336</b>		<b>\$ 14,913,197</b>	<b>\$ 114,512,533</b>			<b>\$ 84,969,868</b>	<b>\$ 25,997,556</b>	

(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  
 Supplemental Evans Exhibit 1, page 8  
 Vintage 2019 Estimate - January 1, 2019 to December 31, 2019  
 Docket No. E-2, Sub 1174  
 Load Impacts and Estimated Revenue Requirements by Program

NO CHANGE

	A	B	C	D	E	F	G	H	I	J											K	
			=A*B	=A+C			=PMT(E,F,D)	=1-B													=I	
	NC Incentive	Income Tax Rate	Income Taxes	Net-of-Tax PPI - Total NPV	Discount Rate	PPI Amortization on Period	Vintage Year 2019 - Year 1 PPI	Income Tax Gross-Up Factor	Adjusted PPI	Σ 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	
<b>Residential Programs</b>																						
<b>EE Programs</b>																						
1	Appliance Recycling Program	\$ -	23.50%	\$ -	\$ -	6.64%	10	\$ -	76.50%	\$ -	\$ 120,467	\$ -	\$ 28,547	\$ 20,592	\$ 38,647	\$ 17,038	\$ 7,505	\$ 4,492	\$ 3,011	\$ (79)	\$ 713	\$ 120,467
2	Energy Education Program for Schools	\$ -	23.50%	\$ -	\$ -	6.64%	N/A	\$ -	76.50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Energy Efficient Lighting	\$ 819,116	23.50%	\$ (192,522)	\$ 626,594	6.64%	5	\$ 151,330	76.50%	\$ 197,827	\$ 4,083,798	\$ -	\$ 546,425	\$ 309,670	\$ 621,854	\$ 636,857	\$ 397,825	\$ 332,048	\$ 448,586	\$ 448,763	\$ 341,771	\$ 4,281,624
4	Home Energy Improvement	\$ (56,042)	23.50%	\$ 13,172	\$ (42,870)	6.64%	10	\$ (6,001)	76.50%	\$ (7,845)	\$ 339,670	\$ -	\$ 75,357	\$ 116,481	\$ 108,864	\$ -	\$ 14,647	\$ 24,334	\$ 13,823	\$ (9,158)	\$ (16,678)	\$ 331,825
5	Multi-Family	\$ 504,146	23.50%	\$ (118,492)	\$ 385,654	6.64%	5	\$ 93,140	76.50%	\$ 121,758	\$ 659,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 193,329	\$ 124,382	\$ 188,015	\$ 153,878	\$ 781,261	
6	Neighborhood Energy Saver	\$ -	23.50%	\$ -	\$ -	6.64%	N/A	\$ -	76.50%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Residential Energy Assessments	\$ 52,043	23.50%	\$ (12,232)	\$ 39,811	6.64%	5	\$ 9,615	76.50%	\$ 12,569	\$ 145,823	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,121	\$ 59,415	\$ 30,287	\$ 158,392
8	Residential New Construction	\$ 1,084,979	23.50%	\$ (255,009)	\$ 829,970	6.64%	10	\$ 116,184	76.50%	\$ 151,881	\$ 752,967	\$ -	\$ -	\$ -	\$ -	\$ 47,653	\$ 54,738	\$ 72,258	\$ 164,787	\$ 182,609	\$ 230,922	\$ 904,849
9	Save Energy and Water Kit	\$ 1,649,477	23.50%	\$ (387,686)	\$ 1,261,791	6.64%	5	\$ 304,738	76.50%	\$ 398,369	\$ 972,263	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 320,973	\$ 396,792	\$ 254,498	\$ 1,370,632
10	Residential Home Advantage	\$ -	23.50%	\$ -	\$ -	6.64%	10	\$ -	76.50%	\$ -	\$ 168,458	\$ -	\$ 27,550	\$ 79,940	\$ 60,450	\$ 517	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,458
11	<b>Total for Residential Conservation Prog</b>	<b>4,053,718</b>		<b>(952,769)</b>	<b>3,100,949</b>			<b>669,006</b>		<b>874,559</b>	<b>7,242,949</b>	<b>-</b>	<b>677,879</b>	<b>526,684</b>	<b>829,814</b>	<b>702,066</b>	<b>474,715</b>	<b>626,461</b>	<b>1,131,583</b>	<b>1,266,357</b>	<b>1,007,391</b>	<b>8,117,508</b>
12	My Home Energy Report	\$ (76,809)	23.50%	\$ 18,053	\$ (58,756)	6.64%	1	\$ (58,756)	76.50%	\$ (76,809)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (76,809)
13	<b>Total Residential Conservation and Beh</b>	<b>3,976,909</b>		<b>(934,716)</b>	<b>3,042,193</b>			<b>610,250</b>		<b>797,749</b>	<b>7,242,949</b>	<b>-</b>	<b>677,879</b>	<b>526,684</b>	<b>829,814</b>	<b>702,066</b>	<b>474,715</b>	<b>626,461</b>	<b>1,131,583</b>	<b>1,266,357</b>	<b>1,007,391</b>	<b>8,040,699</b>
14	EnergyWise * Home	\$ 4,410,279	23.50%	\$ (1,036,574)	\$ 3,373,706	6.64%	10	\$ 472,270	76.50%	\$ 617,375	\$ 5,520,478	\$ -	\$ 1,043,048	\$ 781,456	\$ 347,959	\$ 301,384	\$ 369,522	\$ 265,373	\$ 911,314	\$ 804,768	\$ 695,653	\$ 6,137,852
15	<b>Total Residential</b>	<b>8,387,188</b>		<b>(1,971,290)</b>	<b>6,415,899</b>			<b>1,082,519</b>		<b>1,415,124</b>	<b>12,763,427</b>	<b>-</b>	<b>1,720,927</b>	<b>1,308,140</b>	<b>1,177,773</b>	<b>1,003,450</b>	<b>844,237</b>	<b>891,833</b>	<b>2,042,897</b>	<b>2,071,125</b>	<b>1,703,045</b>	<b>14,178,551</b>
<b>Non-Residential Programs</b>																						
<b>EE Programs</b>																						
16	Energy Efficient Lighting	\$ 484,267	23.50%	\$ (113,820)	\$ 370,447	6.64%	5	\$ 89,468	76.50%	\$ 116,957	\$ 1,370,023	\$ -	\$ 134,853	\$ 74,572	\$ 153,107	\$ 171,971	\$ 116,186	\$ 152,430	\$ 218,730	\$ 191,677	\$ 156,496	\$ 1,486,980
17	Non-Residential Smart Saver Performa	\$ 359,020	23.50%	\$ (84,383)	\$ 274,637	6.64%	3	\$ 103,954	76.50%	\$ 135,894	\$ 199,838	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 335,732
18	Non-Residential Smart Saver Performa	\$ 1,475,443	23.50%	\$ (346,782)	\$ 1,128,661	6.64%	3	\$ 427,214	76.50%	\$ 558,476	\$ 5,967,768	\$ -	\$ 452,376	\$ 649,907	\$ 722,666	\$ 678,479	\$ 438,885	\$ 369,180	\$ -	\$ 2,180,999	\$ 475,277	\$ 6,526,244
19	Non-Residential Smart Saver Performa	\$ 214,650	23.50%	\$ (50,451)	\$ 164,200	6.64%	3	\$ 62,152	76.50%	\$ 81,248	\$ (26,646)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,194	\$ (33,840)	\$ 54,602
20	Small Business Energy Saver	\$ 1,316,725	23.50%	\$ (309,478)	\$ 1,007,248	6.64%	3	\$ 381,257	76.50%	\$ 498,399	\$ 2,192,149	\$ -	\$ -	\$ -	\$ -	\$ 80,709	\$ 217,323	\$ 241,051	\$ -	\$ 781,698	\$ 871,369	\$ 2,690,548
21	<b>Total for Non-Residential Conservation</b>	<b>3,850,106</b>		<b>(904,913)</b>	<b>2,945,193</b>			<b>1,064,045</b>		<b>1,390,973</b>	<b>9,703,132</b>	<b>-</b>	<b>587,229</b>	<b>724,479</b>	<b>875,773</b>	<b>931,159</b>	<b>772,394</b>	<b>762,661</b>	<b>218,730</b>	<b>3,161,568</b>	<b>1,669,141</b>	<b>11,094,106</b>
22	EnergyWise * for Business	\$ (79,578)	23.50%	\$ 18,704	\$ (60,874)	6.64%	1	\$ (64,913)	76.50%	\$ (84,858)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (84,858)
23	Commercial, Industrial, & Government	\$ 658,042	23.50%	\$ (154,663)	\$ 503,379	6.64%	3	\$ 190,536	76.50%	\$ 249,078	\$ 560,680	\$ -	\$ 65,722	\$ 17,655	\$ 28,315	\$ 9,714	\$ 25,139	\$ 4,414	\$ -	\$ -	\$ 82,891	\$ 326,829
24	<b>Total for Non-Residential DSM Program</b>	<b>578,464</b>		<b>(135,960)</b>	<b>442,504</b>			<b>125,622</b>		<b>164,220</b>	<b>560,680</b>	<b>-</b>	<b>65,722</b>	<b>17,655</b>	<b>28,315</b>	<b>9,714</b>	<b>25,139</b>	<b>4,414</b>	<b>-</b>	<b>82,891</b>	<b>326,829</b>	<b>724,900</b>
25	<b>Total Non Residential</b>	<b>4,428,570</b>		<b>(1,040,873)</b>	<b>3,387,698</b>			<b>1,189,667</b>		<b>1,555,193</b>	<b>10,263,812</b>	<b>-</b>	<b>652,951</b>	<b>742,134</b>	<b>904,088</b>	<b>940,873</b>	<b>797,533</b>	<b>767,075</b>	<b>218,730</b>	<b>3,244,459</b>	<b>1,995,970</b>	<b>11,819,005</b>
26	<b>Total All Programs</b>	<b>12,815,759</b>		<b>(3,012,162)</b>	<b>9,803,597</b>			<b>2,272,186</b>		<b>2,970,317</b>	<b>23,027,239</b>	<b>-</b>	<b>2,373,878</b>	<b>2,050,273</b>	<b>2,081,861</b>	<b>1,944,323</b>	<b>1,641,770</b>	<b>1,658,908</b>	<b>2,261,627</b>	<b>5,315,584</b>	<b>3,699,014</b>	<b>25,997,556</b>

Excludes BER

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Duke Energy Progress  
For the Period January 1, 2015 - December 31, 2019  
Docket Number E-2, Sub 1174  
North Carolina Net Lost Revenue for Vintages 2015 - 2019

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Sep 10 2018

Line	Residential	Vintage 2014					2019	Total
		2014	2015	2016(a)	2017(a)	2018(a)		
1	Appliance Recycling Program	\$ 120,357	\$ 258,341	\$ 257,297	\$ 138,135	\$ -	\$	774,131
2	Home Energy Improvement Program	\$ 169,864	\$ 271,941	\$ 270,841	\$ 103,462	\$ -	\$	816,108
3	Residential Lighting Program	\$ 2,967,804	\$ 5,441,135	\$ 5,401,532	\$ 2,897,296	\$ -	\$	16,707,768
4	Neighborhood Energy Saver Program	\$ 37,747	\$ 79,192	\$ 78,872	\$ 41,516	\$ -	\$	237,327
5	Residential New Construction	\$ 184,096	\$ 271,509	\$ 270,412	\$ 89,208	\$ -	\$	815,226
6	Residential Energy Efficient Benchmarking	\$ 809,163	\$ (4,268)	\$ -	\$ -	\$ -	\$	804,895
7	Net Lost Residential Revenues	\$ 4,289,032	\$ 6,317,851	\$ 6,278,954	\$ 3,269,618	\$ -	\$	20,155,455

Line	Non-Residential	Vintage 2014					2019	Total
		2014	2015	2016(a)	2017(a)	2018(a)		
8	Energy Efficiency for Business	\$ 1,442,220	\$ 2,222,371	\$ 2,235,683	\$ 809,474	\$ -	\$	6,709,748
9	Small Business Energy Saver Program	\$ 749,923	\$ 1,496,286	\$ 1,505,249	\$ 756,072	\$ -	\$	4,507,530
10	Non-Residential Lighting Program	\$ 1,153,089	\$ 2,064,379	\$ 2,069,735	\$ 1,108,056	\$ -	\$	6,395,259
11	Net Lost Non-Residential Revenues	\$ 3,345,232	\$ 5,783,036	\$ 5,810,667	\$ 2,673,603	\$ -	\$	17,612,537

Line	Residential	Vintage 2015					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
1	Appliance Recycling Program	\$ -	\$ 123,909	\$ 238,215	\$ 246,008	\$ 46,185	\$	654,317
2	Energy Education Program for Schools	\$ -	\$ 71,588	\$ 120,886	\$ 124,841	\$ 24,481	\$	341,797
3	Energy Efficient Lighting	\$ -	\$ 1,665,788	\$ 3,332,098	\$ 3,441,107	\$ 536,645	\$	8,975,638
4	Home Energy Improvement Program	\$ -	\$ 170,038	\$ 347,916	\$ 359,298	\$ 65,009	\$	942,260
5	Multi-Family	\$ -	\$ 429,296	\$ 909,897	\$ 939,665	\$ 182,264	\$	2,461,122
6	My Home Energy Report	\$ -	\$ 4,024,242	\$ -	\$ -	\$ -	\$	4,024,242
7	Neighborhood Energy Saver	\$ -	\$ 54,534	\$ 89,993	\$ 92,937	\$ 15,265	\$	252,729
8	Residential New Construction	\$ -	\$ 252,450	\$ 390,785	\$ 403,570	\$ 54,943	\$	1,101,749
9	Save Energy and Water Kit	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
10	Total Lost Revenues	\$ -	\$ 6,791,845	\$ 5,429,790	\$ 5,607,426	\$ 924,793	\$	18,753,854
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
12	Net Lost Residential Revenues	\$ -	\$ 6,791,845	\$ 5,429,790	\$ 5,607,426	\$ 924,793	\$	18,753,854

Line	Non-Residential	Vintage 2015					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
13	Energy Efficiency for Business	\$ -	\$ 1,386,578	\$ 2,353,629	\$ 2,443,707	\$ 374,092	\$	6,558,006
14	Energy Efficient Lighting	\$ -	\$ 420,420	\$ 846,915	\$ 879,329	\$ 126,026	\$	2,272,690
15	Small Business Energy Saver	\$ -	\$ 737,092	\$ 1,703,045	\$ 1,768,224	\$ 315,792	\$	4,524,153
16	EnergyWise for Business	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
17	Total Lost Revenues	\$ -	\$ 2,544,090	\$ 4,903,589	\$ 5,091,260	\$ 815,910	\$	13,354,849
18	Found Non-Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
19	Net Lost Non-Residential Revenues	\$ -	\$ 2,544,090	\$ 4,903,589	\$ 5,091,260	\$ 815,910	\$	13,354,849

Line	DSDR	Vintage 2015					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
20	DSDR	\$ -	\$ 420,831	\$ 145,979	\$ -	\$ -	\$	566,810

Line	Residential	Vintage 2016					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
1	Appliance Recycling Program	\$ -	\$ -	\$ 5,095	\$ 12,308	\$ 5,330	\$ 3,265	\$ 25,998
2	Energy Education Program for Schools	\$ -	\$ -	\$ 59,240	\$ 135,532	\$ 44,845	\$ 18,760	\$ 258,377
3	Energy Efficient Lighting	\$ -	\$ -	\$ 1,033,814	\$ 2,116,981	\$ 642,767	\$ 233,337	\$ 4,026,900
4	Home Energy Improvement Program	\$ -	\$ -	\$ 163,848	\$ 370,108	\$ 104,359	\$ 31,983	\$ 670,297
5	My Home Energy Report	\$ -	\$ -	\$ 5,418,524	\$ -	\$ -	\$ -	\$ 5,418,524
6	Neighborhood Energy Saver	\$ -	\$ -	\$ 44,319	\$ 105,283	\$ 31,366	\$ 10,875	\$ 191,842
7	Multi-Family	\$ -	\$ -	\$ 332,768	\$ 658,165	\$ 180,201	\$ 50,332	\$ 1,221,466
8	Residential Energy Assessments	\$ -	\$ -	\$ 74,198	\$ 222,923	\$ 66,506	\$ 23,120	\$ 386,746
9	Residential New Construction	\$ -	\$ -	\$ 298,122	\$ 670,358	\$ 183,321	\$ 51,186	\$ 1,202,988
10	Save Energy and Water Kit	\$ -	\$ -	\$ 362,685	\$ 987,169	\$ 270,943	\$ 78,992	\$ 1,699,788
11	Total Lost Revenues	\$ -	\$ -	\$ 7,792,613	\$ 5,278,826	\$ 1,529,639	\$ 501,848	\$ 15,102,926
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ -	\$ -	\$ 7,792,613	\$ 5,278,826	\$ 1,529,639	\$ 501,848	\$ 15,102,926

Line	Non-Residential	Vintage 2016					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
14	Business Energy Reports	\$ -	\$ -	\$ 191,245	\$ -	\$ -	\$ -	\$ 191,245
15	Energy Efficiency for Business	\$ -	\$ -	\$ 1,638,505	\$ 3,101,812	\$ 1,851,190	\$ 694,350	\$ 7,285,857
16	Energy Efficient Lighting	\$ -	\$ -	\$ 246,438	\$ 478,231	\$ 285,436	\$ 125,435	\$ 1,135,539
17	Small Business Energy Saver	\$ -	\$ -	\$ 1,100,746	\$ 2,221,654	\$ 1,326,012	\$ 535,303	\$ 5,183,715
18	EnergyWise for Business	\$ -	\$ -	\$ 7,298	\$ 19,733	\$ 11,778	\$ 6,032	\$ 44,841
19	Total Lost Revenues	\$ -	\$ -	\$ 3,184,232	\$ 5,821,430	\$ 3,474,415	\$ 1,361,119	\$ 13,841,197
20	Found Non-Residential Revenues	\$ -	\$ -	\$ (68,561)	\$ (113,553)	\$ (113,553)	\$ -	\$ (295,666)
21	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ 3,115,672	\$ 5,707,877	\$ 3,360,863	\$ 1,361,119	\$ 13,545,531

Line	DSDR	Vintage 2016					2019	Total
		2014	2015	2016(a)	2017(a)	2018		
22	DSDR	\$ -	\$ -	\$ 115,745	\$ 66,983	\$ -	\$ -	\$ 182,728



Line	Residential	Vintage 2017				2018	2019	Total
		2014	2015	2016(a)	2017(a)			
1	Appliance Recycling Program				\$ -	\$ -	\$ -	-
2	Energy Education Program for Schools				\$ 75,158	\$ 78,876	\$ 67,465	221,498
3	Energy Efficient Lighting				\$ 649,785	\$ 1,108,222	\$ 995,775	2,753,782
4	Home Energy Improvement Program				\$ 235,278	\$ 273,767	\$ 235,556	744,601
5	Multi-Family				\$ 458,691	\$ 632,090	\$ 562,483	1,653,264
6	My Home Energy Report				\$ 6,016,176	\$ -	\$ -	6,016,176
7	Neighborhood Energy Saver				\$ 42,581	\$ 58,972	\$ 51,044	152,597
8	Residential Energy Assessments				\$ 147,827	\$ 187,215	\$ 163,540	498,583
9	Residential New Construction				\$ 425,229	\$ 571,056	\$ 501,268	1,497,553
10	Save Energy and Water Kit				\$ 754,565	\$ 905,753	\$ 792,743	2,453,061
11	Total Lost Revenues	\$ -	\$ -	\$ -	\$ 8,805,290	\$ 3,815,952	\$ 3,369,874	15,991,116
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
13	Net Lost Residential Revenues	\$ -	\$ -	\$ -	\$ 8,805,290	\$ 3,815,952	\$ 3,369,874	15,991,116
<b>Non-Residential</b>								
		2014	2015	2016(a)	2017(a)	2018	2019	Total
14	Business Energy Report				\$ 577	\$ -	\$ -	577
15	Energy Efficiency for Business				\$ 2,392,469	\$ 4,469,059	\$ 4,466,854	11,328,382
15	Energy Efficient Lighting				\$ 140,167	\$ 327,687	\$ 314,218	782,073
16	Small Business Energy Saver				\$ 1,079,154	\$ 1,987,679	\$ 1,986,908	5,053,741
17	Non-Res SmartSaver Performance				\$ 8,952	\$ 21,025	\$ 21,017	50,993
18	EnergyWise for Business				\$ 29,965	\$ 46,791	\$ 46,773	123,529
19	Total Lost Revenues	\$ -	\$ -	\$ -	\$ 3,651,284	\$ 6,852,241	\$ 6,835,770	17,339,295
20	Found Non-Residential Revenues	\$ -	\$ -	\$ -	\$ (72,644)	\$ (106,296)	\$ (106,296)	(285,236)
21	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ -	\$ 3,578,640	\$ 6,745,945	\$ 6,729,474	17,054,059
22	DSDR	\$ -	\$ -	\$ -	\$ 65,125	\$ 2,329	\$ -	67,453

Line	Residential	Vintage 2018				2018 (a)	2019	Total
		2014	2015	2016(a)	2017			
1	Appliance Recycling Program					\$ 59,966	\$ -	59,966
2	Energy Education Program for Schools					\$ 39,410	\$ 99,626	139,037
3	Energy Efficient Lighting					\$ 616,478	\$ 1,172,842	1,789,321
4	Home Energy Improvement Program					\$ 74,905	\$ 193,400	268,305
5	My Home Energy Report					\$ 7,382,388	\$ -	7,382,388
6	Neighborhood Energy Saver					\$ 55,190	\$ 103,639	158,829
7	Multi-Family Energy Efficiency					\$ 379,048	\$ 769,220	1,148,268
8	Residential Energy Assessments					\$ 77,398	\$ 140,525	217,923
9	Residential New Construction					\$ 439,985	\$ 888,107	1,328,092
10	Save Energy and Water Kit					\$ 591,129	\$ 1,495,300	2,086,429
11	Total Lost Revenues	\$ -	\$ -	\$ -	\$ -	\$ 9,715,899	\$ 4,862,660	14,578,558
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
13	Net Lost Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ 9,715,899	\$ 4,862,660	14,578,558
<b>Non-Residential</b>								
		2014	2015	2016(a)	2017	2018 (a)	2019	Total
14	Business Energy Reports					\$ -	\$ -	-
15	Energy Efficiency for Business					\$ 832,065	\$ 1,771,404	2,603,469
16	Energy Efficient Lighting					\$ 163,369	\$ 250,652	414,021
17	Non-Residential Smart \$aver Performance Incentive					\$ -	\$ 71,032	71,032
18	Small Business Energy Saver					\$ 1,166,751	\$ 2,196,937	3,363,688
19	EnergyWise @ for Business					\$ 47,865	\$ 34,279	82,144
20	Total Lost Revenues	\$ -	\$ -	\$ -	\$ -	\$ 2,210,049	\$ 4,324,304	6,534,354
21	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ (78,327)	\$ (144,767)	(223,094)
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ 2,131,722	\$ 4,179,537	6,311,259

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

Line	Residential	Vintage 2019				2018 (a)	2019	Total
		2014	2015	2016(a)	2017			
1	Appliance Recycling Program					\$ -	\$ -	-
2	Energy Education Program for Schools					\$ 45,488	\$ -	45,488
3	Energy Efficient Lighting					\$ 660,301	\$ -	660,301
4	Home Energy Improvement Program					\$ 109,946	\$ -	109,946
5	My Home Energy Report					\$ 6,365,499	\$ -	6,365,499
6	Neighborhood Energy Saver					\$ 54,545	\$ -	54,545
7	Multi-Family Energy Efficiency					\$ 456,925	\$ -	456,925
8	Residential Energy Assessments					\$ 77,791	\$ -	77,791
9	Residential New Construction					\$ 47,875	\$ -	47,875
10	Save Energy and Water Kit					\$ 912,388	\$ -	912,388
11	Total Lost Revenues	\$ -	\$ -	\$ -	\$ -	\$ 8,730,758	\$ -	8,730,758
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
13	Net Lost Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ 8,730,758	\$ -	8,730,758
<b>Non-Residential</b>								
		2014	2015	2016(a)	2017	2018 (a)	2019	Total
14	Business Energy Reports					\$ -	\$ -	-
15	Energy Efficiency for Business					\$ -	\$ 1,003,105	1,003,105
16	Energy Efficient Lighting					\$ -	\$ 174,071	174,071
17	Non-Residential Smart \$aver Performance Incentive					\$ -	\$ 120,492	120,492
18	Small Business Energy Saver					\$ -	\$ 960,827	960,827
19	EnergyWise @ for Business					\$ -	\$ 32,780	32,780
20	Total Lost Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,291,275	2,291,275
21	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (79,389)	(79,389)
22	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,211,886	2,211,886

Duke Energy Progress  
For the Period January 1, 2015 - December 31, 2016  
Docket Number E-2, Sub 1174  
North Carolina Net Lost Revenue True Up for Vintages 2015 - 2016

		Vintage 2015 as Filed Lost Revenue kWh \$				
Line	Residential	2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ 123,909	\$ 238,215	\$ 227,380	\$ -	\$ 589,505
2	Energy Education Program for Schools	\$ 62,859	\$ 106,146	\$ 101,267	\$ -	\$ 270,272
3	Energy Efficient Lighting	\$ 1,665,788	\$ 3,332,098	\$ 4,238,474	\$ -	\$ 9,236,360
4	Home Energy Improvement Program	\$ 170,038	\$ 347,916	\$ 331,043	\$ -	\$ 848,996
5	Multi-Family	\$ 456,463	\$ 971,916	\$ 847,368	\$ -	\$ 2,275,747
6	My Home Energy Report	\$ 5,020,104	\$ -	\$ -	\$ -	\$ 5,020,104
7	Neighborhood Energy Saver	\$ 54,534	\$ 89,993	\$ 73,350	\$ -	\$ 217,877
8	Residential New Construction	\$ 212,546	\$ 329,015	\$ 314,051	\$ -	\$ 855,612
9	Save Energy and Water Kit	\$ -	\$ -	\$ -	\$ -	\$ -
10	Lost Residential Revenues	\$ 7,766,241	\$ 5,415,298	\$ 6,132,933	\$ -	\$ 19,314,472
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Lost Residential Revenues	\$ 7,766,241	\$ 5,415,298	\$ 6,132,933	\$ -	\$ 19,314,472
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
13	Energy Efficiency for Business	\$ 1,386,578	\$ 2,353,629	\$ 2,229,685	\$ -	\$ 5,969,892
14	Energy Efficient Lighting	\$ 420,420	\$ 846,915	\$ 1,621,916	\$ -	\$ 2,889,251
15	Small Business Energy Saver	\$ 737,092	\$ 1,703,045	\$ 1,613,361	\$ -	\$ 4,053,498
16	EnergyWise for Business	\$ -	\$ -	\$ 69	\$ -	\$ 69
17	Net Lost Non-Residential Revenues	\$ 2,544,090	\$ 4,903,589	\$ 5,465,031	\$ -	\$ 12,912,710
18	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
19	Net Lost Non-Residential Revenues	\$ 2,544,090	\$ 4,903,589	\$ 5,465,031	\$ -	\$ 12,912,710
20	<b>DSDR</b>	<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
	DSDR	\$ 420,831	\$ 145,979	\$ -	\$ -	\$ 566,810
		Vintage 2016 as Filed Lost Revenue kWh \$				
Line	Residential	2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ -	\$ 5,095	\$ 203,747	\$ -	\$ 208,843
2	Energy Education Program for Schools	\$ -	\$ 52,016	\$ 97,012	\$ -	\$ 149,028
3	Energy Efficient Lighting	\$ -	\$ 1,033,814	\$ 2,253,342	\$ -	\$ 3,287,156
3	Home Energy Improvement Program	\$ -	\$ 163,889	\$ 122,724	\$ -	\$ 286,613
4	My Home Energy Report	\$ -	\$ 6,776,039	\$ -	\$ -	\$ 6,776,039
5	Neighborhood Energy Saver	\$ -	\$ 44,319	\$ 84,254	\$ -	\$ 128,573
6	Multi-Family	\$ -	\$ 361,415	\$ 535,662	\$ -	\$ 897,077
7	Residential Energy Assessments	\$ -	\$ 74,198	\$ 61,525	\$ -	\$ 135,723
8	Residential New Construction	\$ -	\$ 294,653	\$ 436,338	\$ -	\$ 730,991
9	Save Energy and Water Kit	\$ -	\$ 332,610	\$ 621,659	\$ -	\$ 954,269
10	Lost Residential Revenues	\$ -	\$ 9,138,049	\$ 4,416,263	\$ -	\$ 13,554,312
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Lost Residential Revenues	\$ -	\$ 9,138,049	\$ 4,416,263	\$ -	\$ 13,554,312
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
11	Business Energy Reports	\$ -	\$ -	\$ -	\$ -	\$ -
12	Energy Efficiency for Business	\$ -	\$ 1,638,561	\$ 1,895,405	\$ -	\$ 3,533,966
13	Energy Efficient Lighting	\$ -	\$ 246,438	\$ 1,251,716	\$ -	\$ 1,498,155
14	Small Business Energy Saver	\$ -	\$ 1,107,111	\$ 1,557,986	\$ -	\$ 2,665,097
15	EnergyWise for Business	\$ -	\$ 18,814	\$ 27,113	\$ -	\$ 45,927
16	Net Lost Non-Residential Revenues	\$ -	\$ 3,010,924	\$ 4,732,221	\$ -	\$ 7,743,145
17	Found Non- Residential Revenues	\$ -	\$ (68,561)	\$ (113,553)	\$ -	\$ (182,114)
18	Net Lost Non-Residential Revenues	\$ -	\$ 2,942,363	\$ 4,618,668	\$ -	\$ 7,561,031
19	<b>DSDR</b>	<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
	DSDR	\$ -	\$ 115,745	\$ 66,983	\$ -	\$ 182,728

Duke Energy Progress  
For the Period January 1, 2015 - December 31, 2016  
Docket Number E-2, Sub 1174  
North Carolina Net Lost Revenue True Up for Vintages 2015 - 2016

		Vintage 2015 True Up Lost Revenue kWh \$				
Line	Residential	2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ 123,909	\$ 238,215	\$ 246,008	\$ 46,185	\$ 654,317
2	Energy Education Program for Schools	\$ 71,588	\$ 120,886	\$ 124,841	\$ 24,481	\$ 341,797
3	Energy Efficient Lighting	\$ 1,665,788	\$ 3,332,098	\$ 3,441,107	\$ 536,645	\$ 8,975,638
4	Home Energy Improvement Program	\$ 170,038	\$ 347,916	\$ 359,298	\$ 65,009	\$ 942,260
5	Multi-Family	\$ 429,296	\$ 909,897	\$ 939,665	\$ 182,264	\$ 2,461,122
6	My Home Energy Report	\$ 4,024,242	\$ -	\$ -	\$ -	\$ 4,024,242
7	Neighborhood Energy Saver	\$ 54,534	\$ 89,993	\$ 92,937	\$ 15,265	\$ 252,729
8	Residential New Construction	\$ 252,450	\$ 390,785	\$ 403,570	\$ 54,943	\$ 1,101,749
9	Save Energy and Water Kit	\$ -	\$ -	\$ -	\$ -	\$ -
10	Lost Residential Revenues	\$ 6,791,845	\$ 5,429,790	\$ 5,607,426	\$ 924,793	\$ 18,753,854
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Lost Residential Revenues	\$ 6,791,845	\$ 5,429,790	\$ 5,607,426	\$ 924,793	\$ 18,753,854
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
13	Energy Efficiency for Business	\$ 1,386,578	\$ 2,353,629	\$ 2,443,707	\$ 374,092	\$ 6,558,005.99
14	Energy Efficient Lighting	\$ 420,420	\$ 846,915	\$ 879,329	\$ 126,026	\$ 2,272,690.21
15	Small Business Energy Saver	\$ 737,092	\$ 1,703,045	\$ 1,768,224	\$ 315,792	\$ 4,524,152.76
16	EnergyWise for Business	\$ -	\$ -	\$ -	\$ -	\$ -
17	Net Lost Non-Residential Revenues	\$ 2,544,090	\$ 4,903,589	\$ 5,091,260	\$ 815,910	\$ 13,354,849
18	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
19	Net Lost Non-Residential Revenues	\$ 2,544,090	\$ 4,903,589	\$ 5,091,260	\$ 815,910	\$ 13,354,849
<b>DSDR</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
20	DSDR	\$ 420,831	\$ 145,979	\$ -	\$ -	\$ 566,810
		Vintage 2016 True Up Lost Revenue kWh \$				
Line	Residential	2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ -	\$ 5,095	\$ 12,308	\$ 2,515	\$ 19,918
2	Energy Education Program for Schools	\$ -	\$ 59,240	\$ 135,532	\$ 27,693	\$ 222,465
3	Energy Efficient Lighting	\$ -	\$ 1,033,814	\$ 2,116,981	\$ 432,565	\$ 3,583,361
4	Home Energy Improvement Program	\$ -	\$ 163,848	\$ 370,108	\$ 75,625	\$ 609,580
5	My Home Energy Report	\$ -	\$ 5,418,524	\$ -	\$ 134,484	\$ 5,553,007
6	Multi-Family	\$ -	\$ 44,319	\$ 105,283	\$ -	\$ 149,602
7	Residential Energy Assessments	\$ -	\$ 332,768	\$ 658,165	\$ 21,513	\$ 1,012,445
8	Neighborhood Energy Saver	\$ -	\$ 74,198	\$ 222,923	\$ 45,550	\$ 342,671
9	Residential New Construction	\$ -	\$ 298,122	\$ 670,358	\$ 136,975	\$ 1,105,455
10	Save Energy and Water Kit	\$ -	\$ 362,685	\$ 987,169	\$ 201,709	\$ 1,551,563
11	Lost Residential Revenues	\$ -	\$ 7,792,613	\$ 5,278,826	\$ 1,078,628	\$ 14,150,067
12	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
13	Net Lost Residential Revenues	\$ -	\$ 7,792,613	\$ 5,278,826	\$ 1,078,628	\$ 14,150,067
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
11	Business Energy Reports	\$ -	\$ 191,245	\$ -	\$ -	\$ 191,244.69
12	Energy Efficiency for Business	\$ -	\$ 1,638,505	\$ 3,101,812	\$ 632,371	\$ 5,372,688.80
13	Energy Efficient Lighting	\$ -	\$ 246,438	\$ 478,231	\$ 97,498	\$ 822,166.50
14	Small Business Energy Saver	\$ -	\$ 1,100,746	\$ 2,221,654	\$ 452,932	\$ 3,775,331.82
15	EnergyWise for Business	\$ -	\$ 7,298	\$ 19,733	\$ 4,023	\$ 31,054.46
16	Net Lost Non-Residential Revenues	\$ -	\$ 3,184,232	\$ 5,821,430	\$ 1,186,824	\$ 10,192,486
17	Found Non- Residential Revenues	\$ -	\$ (68,561)	\$ (113,553)	\$ (113,553)	\$ (295,666)
18	Net Lost Non-Residential Revenues	\$ -	\$ 3,115,672	\$ 5,707,877	\$ 1,073,272	\$ 9,896,820
<b>DSDR</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
19	DSDR	\$ -	\$ 115,745	\$ 66,983	\$ (2,287,591.16)	\$ 182,728

Duke Energy Progress  
For the Period January 1, 2015 - December 31, 2016  
Docket Number E-2, Sub 1174  
North Carolina Net Lost Revenue True Up for Vintages 2015 - 2016

Line	Residential	Vintage 2015 Variance Lost Revenue kWh \$				
		2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ -	\$ -	\$ 18,628	\$ 46,185	\$ 64,812
2	Energy Education Program for Schools	\$ 8,729	\$ 14,741	\$ 23,574	\$ 24,481	\$ 71,526
3	Energy Efficient Lighting	\$ -	\$ -	\$ (797,366)	\$ 536,645	\$ (260,721)
4	Home Energy Improvement Program	\$ -	\$ -	\$ 28,255	\$ 65,009	\$ 93,264
5	Multi-Family	\$ (27,168)	\$ (62,018)	\$ 92,297	\$ 182,264	\$ 185,375
6	My Home Energy Report	\$ (995,862)	\$ -	\$ -	\$ -	\$ (995,862)
7	Neighborhood Energy Saver	\$ -	\$ -	\$ 19,587	\$ 15,265	\$ 34,852
8	Residential New Construction	\$ 39,904	\$ 61,770	\$ 89,519	\$ 54,943	\$ 246,137
9	Save Energy and Water Kit	\$ -	\$ -	\$ -	\$ -	\$ -
10	Lost Residential Revenues	\$ (974,396)	\$ 14,493	\$ (525,507)	\$ 924,793	\$ (560,617)
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Lost Residential Revenues	\$ (974,396)	\$ 14,493	\$ (525,507)	\$ 924,793	\$ (560,617)
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
13	Energy Efficiency for Business	-	-	214,022	374,092	588,114
14	Energy Efficient Lighting	-	-	(742,587)	126,026	(616,561)
15	Small Business Energy Saver	-	-	154,863	315,792	470,655
16	EnergyWise for Business	-	-	(69)	-	(69)
17	Net Lost Non-Residential Revenues	0	0	(373,771)	815,910	442,139
18	Found Non- Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
19	Net Lost Non-Residential Revenues	\$ -	\$ -	\$ (373,771)	\$ 815,910	\$ 442,139
<b>DSDR</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
20	DSDR	-	-	-	-	\$ -
Line	Residential	Vintage 2016 Variance Lost Revenue kWh \$				
		2015	2016(a)	2017(a)	2018	Total
1	Appliance Recycling Program	\$ -	\$ -	\$ (191,440)	\$ 2,515	\$ (188,925)
2	Energy Education Program for Schools	\$ -	\$ 7,224	\$ 38,520	\$ 27,693	\$ 73,437
3	Energy Efficient Lighting	\$ -	\$ -	\$ (136,360)	\$ 432,565	\$ 296,205
3	Home Energy Improvement Program	\$ -	\$ (41)	\$ 247,384	\$ 75,625	\$ 322,967
4	My Home Energy Report	\$ -	\$ (1,357,515)	\$ -	\$ 134,484	\$ (1,223,032)
5	Neighborhood Energy Saver	\$ -	\$ -	\$ 21,028	\$ -	\$ 21,028
6	Multi-Family	\$ -	\$ (28,648)	\$ 122,503	\$ 21,513	\$ 115,368
7	Residential Energy Assessments	\$ -	\$ -	\$ 161,398	\$ 45,550	\$ 206,948
8	Residential New Construction	\$ -	\$ 3,469	\$ 234,020	\$ 136,975	\$ 374,464
9	Save Energy and Water Kit	\$ -	\$ 30,075	\$ 365,510	\$ 201,709	\$ 597,294
10	Lost Residential Revenues	\$ -	\$ (1,345,437)	\$ 862,563	\$ 1,078,628	\$ 595,755
11	Found Residential Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Lost Residential Revenues	\$ -	\$ (1,345,437)	\$ 862,563	\$ 1,078,628	\$ 595,755
<b>Non-Residential</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
11	Business Energy Reports	-	191,245	-	-	191,245
12	Energy Efficiency for Business	-	(56)	1,206,407	632,371	1,838,722
13	Energy Efficient Lighting	-	-	(773,486)	97,498	(675,988)
14	Small Business Energy Saver	-	(6,366)	663,668	452,932	1,110,235
15	EnergyWise for Business	-	(11,515)	(7,380)	4,023	(14,872)
16	Net Lost Non-Residential Revenues	0	173,308	1,089,209	1,186,824	2,449,341
17	Found Non- Residential Revenues	-	0	0	(113,553)	(113,552)
18	Net Lost Non-Residential Revenues	\$ -	\$ 173,308	\$ 1,089,209	\$ 1,073,272	\$ 2,335,789
<b>DSDR</b>		<b>2015</b>	<b>2016(a)</b>	<b>2017(a)</b>	<b>2018</b>	<b>Total</b>
19	DSDR	-	-	-	-	\$ -

**BEFORE THE NORTH CAROLINA UTILITIES COMMISSION**

**DOCKET NO. E-2, SUB 1174**

In the Matter of:	)	
	)	<b>DUKE ENERGY PROGRESS,</b>
Application by Duke Energy Progress, LLC for	)	<b>LLC’S MOTION FOR</b>
Approval of Demand Side Management and	)	<b>ADDITIONAL PUBLIC</b>
Energy Efficiency Cost Recovery Rider	)	<b>HEARING AND PUBLIC</b>
Pursuant to N.C. Gen. Stat. §62-133.9 and	)	<b>NOTICE OF REVISED</b>
Commission Rule R8-69	)	<b>PROPOSED RATES</b>
	)	

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NOW COMES Duke Energy Progress, LLC (hereinafter, “DEP” or the “Company”) pursuant to N.C. Gen. Stat. §§ 62-134, 62-133.9 and Rules R1-7 and R8-69 of the Rules and Regulations of the North Carolina Utilities Commission (the “Commission”) and moves the Commission to schedule an additional public hearing and to allow DEP to provide public notice of its revised proposed rates to recover its reasonable and prudent demand-side management (“DSM”) and energy efficiency (“EE”) costs, net lost revenues, and Portfolio Performance Incentive as set forth below. In support thereof, DEP shows the following:

1. On June 20, 2018, the Company filed its application for approval of its DSM/EE cost recovery rider for 2019 pursuant to N.C. Gen. Stat. § 62-133.9 and Rule R8-69.
2. On July 2, 2018, the Commission issued its *Order Scheduling Hearing, Requiring Filing of Testimony, Establishing Discovery Guidelines, and Requiring Public Notice*. The Company has complied with this Order and published the Commission-required Public Notice in newspapers having general circulation in its service area.
3. In pertinent part, the Public Notice set forth that DEP had requested a total

annual revenue increase of \$29.4 million, effective January 1, 2019, from the DSM/EE rider currently in effect. The Public Notice further provided that this request would result in an increase of 0.044 cents per kilowatt-hour (“kWh”) for residential customers. Non-residential General Service customers, depending upon their participation in DEP’s DSM or EE programs, would see a DSM rider increase of 0.003 cents per kWh and an EE rider increase of 0.225 cents per kWh. Lighting customers would see an EE rider decrease of 0.006 cents per kWh.

3. Subsequent to the Company’s June 20, 2018 application, as a result of the Public Staff’s audit and as a result of the Company’s identification of additional necessary adjustments, the Company has revised its proposed DSM/EE rates as detailed in the Supplemental Testimony and Exhibits of Carolyn T. Miller and the Supplemental Exhibits of Robert P. Evans, filed with the Commission contemporaneously with this motion.

4. The revised DSM/EE rates and rate changes requested by the Company as compared to the original rates and rate changes proposed and contained in the Public Notice are as follows:

Proposed DSM/EE Rates (cents per kWh, including regulatory fee)

Rate Class	Noticed Rates (Application)	Proposed Rates (Supplemental)	Difference
Residential	0.654	0.644	(0.010)
General Service EE	0.807	0.820	0.013
General Service DSM	0.044	0.045	0.001
Lighting	0.100	0.100	0.000

Proposed DSM/EE Rate Changes (cents per kWh, including regulatory fee)

Rate Class	Noticed Change (Application)	Proposed Change (Supplemental)	Difference (¢/kWh)
Residential	0.044	0.034	(0.010)
General Service EE	0.225	0.238	0.013
General Service DSM	0.003	0.004	0.001
Lighting	(0.006)	(0.006)	0.000

The proposed rates would produce a revenue increase of \$29.2 million.

5. In order to ensure that customers have adequate notice of the Company's revised proposed rates, and consistent with N.C. Gen. Stat. § 62-134, the Company respectfully requests that the Commission schedule an additional public hearing after publication of Public Notice by the Company, at such time as the Commission deems appropriate after the currently-scheduled September 18, 2018 public hearing, and within the appropriate time to enable the Commission to consider the Company's application and issue an order implementing new rates effective January 1, 2019.

6. The Company has consulted with the Public Staff regarding this motion, and the Public Staff does not object.

WHEREFORE, the Company respectfully requests that the Commission grant its motion, schedule an additional public hearing, and to allow DEP to provide public notice of its revised proposed DSM/EE rates, and requests such other relief as the Commission deems just, equitable, and proper.

Respectfully submitted this 10th day of September, 2018.

s/ Molly McIntosh Jagannathan  
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*Attorneys for Duke Energy Progress, LLC*



**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a copy of Duke Energy Progress, LLC's Supplemental Testimony and Exhibits and Motion for Additional Public Hearing and Publication of Revised Proposed Rates, in Docket No. E-2, Sub 1174, has been served by electronic mail (e-mail), hand delivery or by depositing a copy in the United States Mail, first class postage prepaid, properly addressed to parties of record.

This, the 10<sup>th</sup> day of September, 2018.

Electronically signed  
s/ Molly McIntosh Jagannathan

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PROGRESS, LLC