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August 24, 2020

VIA ELECTRONIC FILING

Ms. Kimberley A. Campbell, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

RE: Duke Energy Progress, LLC's Supplemental Testimony and Revised Exhibits and Workpapers of Bryan L. Sykes
Docket No. E-2, Sub 1254

Dear Ms. Campbell:

Enclosed please find the Supplemental Testimony and Revised Exhibits and Workpapers of Bryan L. Sykes. Certain information contained in the exhibits and workpapers of Mr. Sykes is a trade secret, and confidential, proprietary, and commercially sensitive information. For that reason, it is being filed under seal pursuant to N.C. Gen. Stat. § 132-1.2. Parties to the docket may contact the Company regarding obtaining copies pursuant to an appropriate confidentiality agreement.

If you have any questions, please do not hesitate to contact me. Thank you for your assistance with this matter.

Sincerely,

Jack E. Jirak

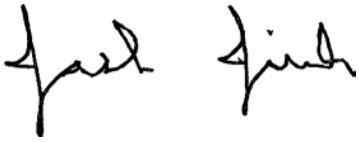
Enclosure

cc: Parties of Record

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Progress, LLC's Supplemental Testimony and Revised Exhibits and Workpapers of Bryan L. Sykes, in Docket No. E-2, Sub 1254, has been served by electronic mail, hand delivery, or by depositing a copy in the United States mail, postage prepaid to parties of record.

This the 24th day of August, 2020.



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BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1254

In the Matter of	)	
	)	
	)	
Application of Duke Energy Progress, LLC	)	**SUPPLEMENTAL**
Pursuant to G.S. 62-110.8 and Commission	)	**TESTIMONY OF BRYAN L.**
Rule R8-71 for Approval of CPRE	)	**SYKES**
Compliance Report and CPRE Cost	)	
Recovery Rider	)	

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Bryan L. Sykes, and my business address is 550 South Tryon Street, Charlotte, North Carolina.

Q. HAVE YOU PREVIOUSLY FILED TESTIMONY IN THIS PROCEEDING?

A. Yes, on June 9, 2020, I caused to be pre-filed with the Commission my direct testimony and 6 exhibits and 8 supporting workpapers.

Q. YOUR SUPPLEMENTAL TESTIMONY INCLUDES FOUR (4) REVISED EXHIBITS AND ONE (1) REVISED SUPPORTING WORKPAPER. WERE THE SUPPLEMENTAL EXHIBITS AND WORKPAPER PREPARED BY YOU OR AT YOUR DIRECTION AND UNDER YOUR SUPERVISION?

A. Yes. The supplemental exhibits and workpaper were prepared at my direction and under my supervision and consist of the following:

Sykes Revised Exhibit No. 3 – Allocation of Prospective Billing Period CPRE Charges to Customer Classes

Sykes Revised Exhibit No. 4 – Allocation of Experience Modification Factor (EMF) Period Charges to Customer Classes

Sykes Revised Exhibit No. 5 – Summary of CPRE Proposed Rider Components

Sykes Revised Exhibit No. 6 – Proposed Rider CPRE (NC)

Sykes Revised Workpaper No. 8 – 1% Calculation Test

Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY IN THIS PROCEEDING?

A. The purpose of my testimony is to present revised rates reflecting the impacts of two updates to numbers presented in my direct exhibits and workpapers.

The first update relates to a revision to the North Carolina retail allocation factor for implementation costs in both the billing and EMF periods.

The second update relates to a revision to the North Carolina retail jurisdictional allocation factor used for the capacity component of CPRE purchased power.

Q. PLEASE EXPLAIN THE REASON FOR UPDATING THE NORTH CAROLINA RETAIL ALLOCATION FACTOR FOR IMPLEMENTATION COSTS.

A. In my direct testimony, I stated that the reasonable and prudent implementation costs incurred and anticipated to be incurred to implement the Company's CPRE Program and to comply with N.C. Gen. Stat. § 62-110.8 and Rule R8-71(j)(2) were being assigned directly to NC Retail customers. Subsequent to filing my direct testimony in this docket, the Commission's *Order Approving CPRE Rider and CPRE Program*

Compliance Report in the Duke Energy Carolinas, LLC (DEC) CPRE rider filing (Docket No. E-7, Sub 1231), where DEC similarly assigned 100% of implementation costs to NC Retail customers, concluded that the assignment of implementation costs solely to North Carolina retail customers would be inequitable and unreasonable. In order to align with the Commission's ruling in that Order, the Company is revising its allocation factor for its NC Retail customers in this docket. This update lowers proposed customer rates.

Q. PLEASE EXPLAIN THE REASON FOR UPDATING THE NORTH CAROLINA RETAIL ALLOCATION FACTOR FOR THE CAPACITY COMPONENT OF CPRE PURCHASED POWER.

A. In my direct testimony, I stated that the capacity component of purchased power is allocated to each customer class based on 2019 production demand, a proxy for the cost of service production plant allocation factor since the cost of service study was not available as of the CPRE Rider filing date.

Subsequent to filing, the cost of service study was finalized, and the production plant allocation factor is now available. This update currently has no impact on the proposed rates due to the low dollars associated with the capacity component of purchased power in this first CPRE filing.

Q. WHAT IS THE RATE IMPACT OF THESE UPDATES?

A. The components of the CPRE Program rider to be effective December 1, 2020 and to remain in effect for the twelve-month Billing Period ending November 30, 2021 are revised as follows:

Excluding regulatory fee:

Cents per kWh					
Customer class	CPRE Program EMF rider	CPRE Program rider	Total CPRE Program rider	Current total CPRE Program rider	CPRE Program rider increase
Residential	0.002	0.005	0.007	0.000	0.007
Small General Service	0.002	0.005	0.007	0.000	0.007
Medium General Service	0.002	0.005	0.007	0.000	0.007
Large General Service	0.002	0.004	0.006	0.000	0.006
Lighting	0.002	0.003	0.005	0.000	0.005

Including regulatory fee:

Cents per kWh					
Customer class	CPRE Program EMF rider	CPRE Program rider	Total CPRE Program rider	Current CPRE Program rider	CPRE Program rider increase
Residential	0.002	0.005	0.007	0.000	0.007
Small General Service	0.002	0.005	0.007	0.000	0.007

Cents per kWh					
Customer class	CPRE Program EMF rider	CPRE Program rider	Total CPRE Program rider	Current CPRE Program rider	CPRE Program rider increase
Medium General Service	0.002	0.005	0.007	0.000	0.007
Large General Service	0.002	0.004	0.006	0.000	0.006
Lighting	0.002	0.003	0.005	0.000	0.005

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

A. Yes.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
CPRE Purchased Power Costs in the Experience Modification Factor (EMF) and Billing Periods
Test Period Ending March 31, 2020

Sykes Exhibit No. 1

REDACTED

						EMF Period[1] August 1, 2017 - March 31, 2020			Billing Period December 1, 2020 - November 30, 2021			Reference
						Capacity Factor	Energy Factor		Capacity Factor	Energy Factor		
						N/A	N/A		21%	79%		Input
						Purchased Power			Purchased Power			
Line No.	Market Participant	Facility Name	Location	Tranche No.	Nameplate Capacity (MW)	Capacity	Energy	Total	Capacity	Energy	Total	
1	[redacted]											Workpaper 1
2												
3	Total				85.72	$ -	$ -	$ -	$ 452,411	$ 1,701,927	$ 2,154,337	

Note: Rounding differences may occur

[1] For this initial CPRE recovery filing, the EMF period is the 32-month period ending March 31, 2020 as approved in *Order Cancelling Public Hearing, Approving Proposed Accounting Treatment, Authorizing Extended Test Period, and Approving 2018 CPRE Compliance Report* issued August 30, 2019 in Docket E-2, Sub 1208.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
CPRE Implementation Costs in the EMF and Billing Periods
Test Period Ending March 31, 2020

Sykes Exhibit No. 2

REDACTED

Line No.	Implementation Cost / Activity[2]	Reference	EMF Period[1] August 1, 2017 - March 31, 2020	Billing Period December 1, 2020 - November 30, 2021
1	[redacted]	Company Records	[redacted]	
2				
3				
4				
5				
6				
7	**Total Internal Labor and Labor-Related Taxes and Benefits**		$ 437,813	$ 267,383 *
8				
9	[redacted]		[redacted]	$ -
10				
11				$ -
12				$ -
13				$ -
14	**Total Outside Services**		$ 451,107	$ 100,000 *
15				
16	**Total Employee-Related Expenses**		$ 980	$ 1,000 *
17				
18	**Independent Administrator Fees Not Recovered[3]**		$ 310,807	$ -
19				
20	**Total Implementation Costs**	**L7 + L14 + L16 + L18**	**$ 1,200,707**	**$ 368,383** *

Note: Rounding differences may occur

* Represents an estimate of implementation charges expected to be incurred in the prospective Billing Period.

[1] For this initial CPRE recovery filing, the EMF period is the 32-month period ending March 31, 2020 as approved in *Order Cancelling Public Hearing, Approving Proposed Accounting Treatment, Authorizing Extended Test Period, and Approving 2018 CPRE Compliance Report* issued August 30, 2019 in Docket E-2, Sub 1208.

[2] Implementation costs incurred in accordance with Rule R8-71(j)(2) are being directly assigned to the NC Rider CPRE.

[3] This amount represents 50% of the Tranche 1 fees charged by the Independent Administrator that were not funded through reasonable proposal fees and subsequent winners' fees as envisioned in Rule R8-71(d)(10). This shortage has been split equally between DEC and DEP.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
Allocation of Prospective Billing Period CPRE Charges to Customer Classes
Test Period Ending March 31, 2020

Sykes Revised Exhibit No. 3

Line No.	Description	Reference	Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total
	Allocation of CPRE Purchased Power by Customer Class (Prospective Billing Period)							
1	CPRE Purchased Power - Capacity	Exhibit 1						$ 452,411
2	NC Retail Jurisdictional % Based on 2019 Production Plant Allocation Factor	Input						60.07%
3	NC Retail Portion - CPRE Purchased Power - Capacity	L1 * L2						$ 271,749
4								
5	NC Retail 2019 Production Plant Allocation Factors	Input	48.01%	6.46%	29.31%	16.22%	0.00%	100.00%
6								
7	NC CPRE Purchased Power - Capacity Allocated Based on Production Plant Allocation Factor	L3 * L5	$ 130,457	$ 17,547	$ 79,661	$ 44,085	$ -	$ 271,749
8								
9	NC Projected Billing Period MWh Sales	Workpaper 2	16,171,290	1,784,993	10,287,749	9,128,353	377,978	37,750,364
10								
11	**NC CPRE Purchased Power - Capacity ¢/kWh**	**L7 ÷ L9 ÷ 10**	**0.001**	**0.001**	**0.001**	**0.000**	**0.000**	**0.001**
12								
13	CPRE Purchased Power - Energy	Exhibit 1						$ 1,701,927
14	NC Retail Jurisdictional % Based on Projected Billing Period Sales	Workpaper 2						61.35%
15	NC Retail Portion - CPRE Purchased Power - Energy	L13 * L14 [Total Only]	$ 447,279	$ 49,371	$ 284,547	$ 252,480	$ 10,454	$ 1,044,132
16								
17	NC Projected Billing Period MWh Sales	Workpaper 2	16,171,290	1,784,993	10,287,749	9,128,353	377,978	37,750,364
18	**NC CPRE Purchased Power - Energy ¢/kWh**	**L15 ÷ L17 ÷ 10**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**	**0.003**
19								
20	Total of NC CPRE Purchased Power - Capacity and Energy	L7 + L15	$ 577,736	$ 66,917	$ 364,208	$ 296,565	$ 10,454	$ 1,315,881
21								
22	% of NC CPRE Purchased Power - Capacity and Energy		43.90%	5.09%	27.68%	22.54%	0.79%	100%

Line No.	Description	Reference	Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total
	Allocation of CPRE Implementation Costs by Customer Class (Prospective Billing Period)							
23	CPRE Implementation Costs - Total	Exhibit 2						$ 368,383
24	NC Retail Jurisdictional % Based on Composite of Energy and Capacity	(L3 + L15) ÷ (L1 + L13) [Total Only]						61.08%
25	CPRE Implementation Costs - NC Retail Portion	L23 * L24						$ 225,010
26								
27	% of NC CPRE Purchased Power - Capacity and Energy	L22	43.90%	5.09%	27.68%	22.54%	0.79%	100%
28								
29	CPRE Implementation Costs by Customer Class	L25 * L27	$ 98,790	$ 11,443	$ 62,278	$ 50,711	$ 1,788	$ 225,010
30								
31	NC Projected Billing Period MWh Sales	Workpaper 2	16,171,290	1,784,993	10,287,749	9,128,353	377,978	37,750,364
32								
33	**NC CPRE Implementation Cost CPRE Charge ¢/kWh**	**L29 ÷ L31 ÷ 10**	**0.001**	**0.001**	**0.001**	**0.001**	**0.000**	**0.001**

Note: Rounding differences may occur

Duke Energy Progress, LLC **Sykes Revised Exhibit No. 4**
Docket No. E-2, Sub 1254
Allocation of Experience Modification Factor (EMF) Period Charges to Customer Classes
Test Period Ending March 31, 2020

Line No.	Description	Reference	Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total
	Allocation of CPRE Implementation Costs by Customer Class (EMF Period[1])							
1	CPRE Implementation Costs - Total	Exhibit 2						$ 1,200,707
2	NC Retail Jurisdictional % Based on Composite of Energy and Capacity	Exhibit 3 L 24						61.08%
3	CPRE Implementation Costs - NC Retail Portion	L1 * L2						$ 733,398
4								
5	% of NC CPRE Purchased Power - Capacity and Energy	Exhibit 3	43.90%	5.09%	27.68%	22.54%	0.79%	100.00%
6								
7	CPRE Implementation Costs by Customer Class	L3 * L5	$ 321,998	$ 37,296	$ 202,989	$ 165,289	$ 5,827	$ 733,398
8								
9	NC EMF Period MWh Normalized Sales	Workpaper 3	16,191,429	1,939,476	10,847,985	8,524,536	349,444	37,852,870
10								
11	NC CPRE Implementation Cost CPRE Charge ¢/kWh	L7 ÷ L9 ÷ 10	0.002	0.002	0.002	0.002	0.002	0.002
12								
13	CPRE Revenues Realized[2] During the Test Period	Input	0.000	0.000	0.000	0.000	0.000	0.000
14								
15	**EMF Period Over/(Under) Collection**	**L13 - L11**	**(0.002)**	**(0.002)**	**(0.002)**	**(0.002)**	**(0.002)**	**(0.002)**

Note: Rounding differences may occur

[1] For this initial CPRE recovery filing, the EMF period is the 32-month period ending March 31, 2020 as approved in *Order Cancelling Public Hearing, Approving Proposed Accounting Treatment,Authorizing Extended Test Period, and Approving 2018 CPRE Compliance Report* issued August 30, 2019 in Docket E-2, Sub 1208.

[2] For this initial CPRE recovery filing, no revenues were collected during the test period. Therefore, the under-collection for the EMF Period is the total of CPRE Program implementation costs incurred for the August 1, 2017 through March 31, 2020 Test Period.

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
Summary of CPRE Proposed Rider Components
Test Period Ending March 31, 2020

Sykes Revised Exhibit No. 5

Line No.	Description	Reference	Residential ¢/kWh	Small General Service ¢/kWh	Medium General Service ¢/kWh	Large General Service ¢/kWh	Lighting ¢/kWh	Composite ¢/kWh
1	**Prospective Billing Period Rider Charge**							
2	NC CPRE Purchased Power - Capacity ¢/kWh	Exhibit 3, L11	0.001	0.001	0.001	0.000	0.000	0.001
3	NC CPRE Purchased Power - Energy ¢/kWh	Exhibit 3, L18	0.003	0.003	0.003	0.003	0.003	0.003
4	NC CPRE Implementation Cost CPRE Charge ¢/kWh	Exhibit 3, L33	0.001	0.001	0.001	0.001	0.000	0.001
5								
6	**Experience Modification Factor Period Rider Charge**							
7	EMF Period (Over)/Under Collection ¢/kWh	Exhibit 4, L15	0.002	0.002	0.002	0.002	0.002	0.002
8								
9	**Total Proposed CPRE Rider Charge ¢/kWh**		**0.007**	**0.007**	**0.007**	**0.006**	**0.005**	**0.007**

Note: This exhibit excludes the impact of the regulatory fee

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
Proposed Rider CPRE (NC)
Test Period Ending March 31, 2020

Sykes Revised Exhibit No. 6

Duke Energy Progress, LLC
(North Carolina)

RR-32

RIDER CPRE -1
COMPETITIVE PROCUREMENT OF RENEWABLE ENERGY RIDER

APPLICABILITY (North Carolina Only)

Service supplied under the Company's rate schedules is subject to approved adjustments to recover costs associated with implementation of the Company's Competitive Procurement of Renewable Energy (CPRE) Program. Adjustments are made pursuant to North Carolina General Statute 62-110.8(g) and North Carolina Utilities Commission Rule R8-71 as ordered by the North Carolina Utilities Commission.

CPRE PROSPECTIVE COMPONENT AND EXPERIENCE MODIFICATION FACTOR

All service supplied under the Company's rate schedules is subject to an increment per kilowatt hour as set forth below. This adjustment is not included in the Rate Schedules of the Company and therefore, must be applied to the bill as calculated under the applicable rate.

RESIDENTIAL SERVICE			
Prospective Component of CPRE		0.005	¢/kWh
Experience Modification Factor		0.002	¢/kWh
Net CPRE Rider Factor		0.007	¢/kWh
Regulatory Fee Multiplier	x	1.0013	
CPRE Factor		0.007	¢/kWh
SMALL GENERAL SERVICE			
Prospective Component of CPRE		0.005	¢/kWh
Experience Modification Factor		0.002	¢/kWh
Net CPRE Rider Factor		0.007	¢/kWh
Regulatory Fee Multiplier	x	1.0013	
CPRE Factor		0.007	¢/kWh
MEDIUM GENERAL SERVICE			
Prospective Component of CPRE		0.005	¢/kWh
Experience Modification Factor		0.002	¢/kWh
Net CPRE Rider Factor		0.007	¢/kWh
Regulatory Fee Multiplier	x	1.0013	
CPRE Factor		0.007	¢/kWh
LARGE GENERAL SERVICE			
Prospective Component of CPRE		0.004	¢/kWh
Experience Modification Factor		0.002	¢/kWh
Net CPRE Rider Factor		0.006	¢/kWh
Regulatory Fee Multiplier	x	1.0013	
CPRE Factor		0.006	¢/kWh
LIGHTING			
Prospective Component of CPRE		0.003	¢/kWh
Experience Modification Factor		0.002	¢/kWh
Net CPRE Rider Factor		0.005	¢/kWh
Regulatory Fee Multiplier	x	1.0013	
CPRE Factor		0.005	¢/kWh

Effective for service rendered on and after December 1, 2020
NCUC Docket No. E-2, Sub 1254

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
CPRE Forecast for the Prospective Billing Period
Test Period Ending March 31, 2020

REDACTED

Sykes Workpaper No. 1

Line No.	CPRE Forecast (MWhs)	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Total
1														
2														
3	Total DEP													56,071
4														
5														
6	CPRE Forecast ($s)	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Total
7														
8														
9														
10	Total DEP													$2,154,337

Duke Energy Progress, LLC **Sykes Workpaper No. 2**
Docket No. E-2, Sub 1254
Projected Sales for the Billing Period
Test Period Ending March 31, 2020

Billing Period December 2020 - November 2021

North Carolina Retail	**Reference**	**Projected Sales for the Billing Period (MWh)**	**Remove Impact of SC DERP Net Metered Generation (MWhs)**	**Adjusted Sales (MWhs)**
Residential	Company Records	16,171,290		16,171,290
Small General Service		1,784,993		1,784,993
Medium General Service		10,287,749		10,287,749
Large General Service		9,128,353		9,128,353
Lighting		377,978		377,978
Total		37,750,364		37,750,364
South Carolina Retail		6,692,489	43,684	6,736,173
Wholesale		17,041,448		17,041,448
Total Adjusted NC System Sales		61,484,301	43,684	61,527,985
NC as a percentage of total		**61.40%**		**61.35%**
SC as a percentage of total		10.88%		10.95%
Wholesale as a percentage of total		27.72%		27.70%
		100.00%		100.00%

Note: Rounding differences may occur

Duke Energy Progress, LLC
Docket No. E-2, Sub 1254
North Carolina Retail Normalized MWh Sales in the Test Period
Test Period Ending March 31, 2020

Sykes Workpaper No. 3

		Test Period Sales MWhs	Weather Normalization (MWhs)	Customer Growth (MWHs)	Remove Impact of SC (MWhs) DERP Net Metered Generation	Adjusted Projected Sales (MWhs)
NC Retail						
	Residential	15,760,190	330,167	101,073		16,191,429
	Small General Service	1,931,559	7,108	809		1,939,476
	Medium General Service	11,028,202	(161,808)	(18,408)		10,847,985
	Large General Service	8,587,442	(66,882)	3,976		8,524,536
	Lighting	348,533	-	911		349,444
Total		37,655,926	108,585	88,359		37,852,870
SC Retail		6,234,427	3,683	772	43,684	6,282,566
Total Wholesale		17,875,203	299,596	109,141		18,283,940
Total Adjusted NC System Sales		61,765,556	411,864	198,273	43,684	62,419,377

Note: Rounding differences may occur

Duke Energy Progress, LLC **Sykes Workpaper No. 4**
Docket No. E-2, Sub 1254
Actual Sales by Jurisdiction - MWhs Subject to Weather
Test Period Ending March 31, 2020

Line No.	Description	Reference	North Carolina	South Carolina	Retail Total Company	% NC	% SC
1	Residential	Company Records	15,826,068	2,071,132	17,897,200	88.43	11.57
2	Commercial	Company Records	12,241,712	1,687,036	13,928,748	87.89	12.11
3	Industrial	Company Records	8,117,274	2,413,270	10,530,544	77.08	22.92
4	Other Public Authority	Company Records	1,407,881	48,605	1,456,486	96.66	3.34
5	Total Retail Sales Subject to Weather	L1 + L2 + L3 + L4	37,592,935	6,220,043	43,812,978		
6	Lighting	Company Records	62,991	14,384	77,375		
7	Total Retail Sales	L5 + L 6	37,655,926	6,234,427	43,890,353		

Note: Rounding differences may occur

Duke Energy Progress, LLC **Sykes Workpaper No. 5**
Docket No. E-2, Sub 1254
Customer Growth Adjustment to MWh Sales
Test Period Ending March 31, 2020

Line	Reference	Estimation Method[1]	Rate Schedule	NC Proposed KWH Adjustment[1]	SC Proposed KWH Adjustment[1]	Wholesale Proposed KWH Adjustment
1	RES	*Regression*	Residential	101,072,522	7,614,241	
2						
3			**General:**			
4	SGS	*Regression*	General Service Small	808,701	(3,246,403)	
5	MGS	*Customer*	General Service Medium	(18,408,253)	(4,248,451)	
6						
7			Total General	(17,599,552)	(7,494,854)	
8						
9			**Lighting:**			
10	SLS/SLR	*Regression*	Street Lighting	962,758	88,071	
11	SFLS	*Regression*	Sports Field Lighting	(28,414)	(6,525)	
12	TSS/TFS	*Regression*	Traffic Signal Service	(23,629)	571,008	
13			Total Street Lighting	910,715	652,554	
14						
15			Industrial:			
16	LGS	*Customer*	I - Textile	-	-	
17	LGS		I - Nontextile	3,975,554	-	
18			Total Industrial	3,975,554	-	
19						
20						
21			Total	88,359,239	771,941	109,141,457

Notes:

[1] Two approved methods are used for estimating the growth adjustment depending on the class/schedule:
"Regression" refers to the use of Ordinary Least Squares Regression.
"Customer" refers to the use of the Customer by Customer approach. See ND330 for further explanation.

[2] Using the regression method (Residential, Lighting, SGS classes) and a customer by customer method for MGS and Industrial

Duke Energy Progress, LLC **Sykes Workpaper No. 6**
Docket No. E-2, Sub 1254
Weather Normalization Adjustment
Test Period Ending March 31, 2020

Line No.	Description	Reference	Total Company MWh	NC Retail % To Total	NC Retail MWh	SC Retail % To Total	SC Retail MWh
	Residential						
1	Residential		373,365	88.43	330,167	11.57	43,198
	Commercial						
2	Small and Medium General Service		(176,015)	87.89	(154,700)	12.11	(21,315)
	Industrial						
3	Large General Service		(78,438)	77.08	(60,460)	22.92	(17,978)
	OPA						
4	Other Public Authority (Large General Service)		(6,644)	96.66	(6,422)	3.34	(222)
5	Total Retail	L1 + L2 + L3 + L4	112,268		108,585		3,683
6	Wholesale		299,596				
7	Total Company	L5 + L6	411,864		108,585		3,683

Note: Rounding differences may occur

Duke Energy Progress, LLC **Sykes Workpaper No. 7**
Docket No. E-2, Sub 1254
Weather Normalization Adjustment by Class by Month
Test Period Ending March 31, 2020

		Residential MWh Adjustment	Commercial MWh Adjustment	Industrial MWh Adjustment	Other Public Authority MWh Adjustment	Total Retail MWh Adjustment	Wholesale MWh Adjustment
April	**2019**	(47,166)	-	(19,260)	-	(66,426)	-
May	**2019**	(92,074)	(31,596)	(55,583)	-	(179,253)	(130,288)
June	**2019**	(162,445)	(72,838)	(13,276)	(5,613)	(254,173)	(122,615)
July	**2019**	(41,116)	(14,214)	(6,989)	(1,351)	(63,670)	(35,949)
August	**2019**	(159,945)	2,079	997	236	(156,632)	3,596
September	**2019**	(51,257)	(26,965)	(8,430)	(3,053)	(89,706)	(32,160)
October	**2019**	(15,298)	(93,582)	(71,735)	2,686	(177,929)	(5,988)
November	**2019**	123,099	-	68,523	(6,142)	185,480	(27,820)
December	**2019**	(14,980)	-	-	-	(14,980)	(8,607)
January	**2020**	340,724	46,118	18,365	1,428	406,634	377,434
February	**2020**	368,467	14,983	8,951	5,165	397,566	98,166
March	**2020**	125,358	-	-	-	125,358	183,827
12 Months Ended		373,365	(176,015)	(78,438)	(6,644)	112,268	299,596
					Total Retail and Wholesale MWh Adjustment		411,864

Note: Rounding differences may occur

Duke Energy Progress, LLC **Sykes Revised Workpaper No. 8**
Docket No. E-2, Sub 1254
1% Calculation Test
Test Period Ending March 31, 2020

Per Rule R8-71 (j)(9) "the annual increase in the aggregate amount of costs recovered under G.S. 62-110.8(g) in any recovery period from its North Carolina retail customers shall not exceed one percent (1%) of the electric public utility's total North Carolina retail jurisdictional gross revenues for the preceding calendar year determined as of December 31 of the previous calendar year. Any amount in excess of that limit shall be carried over and recovered in the next recovery period when the annual increase in the aggregate amount of costs to be recovered is less than one percent (1%)."

Line No.	Description	EMF Period (Exhibit 4, L3)	Billing Period (Exhibit 3, L3 + L15 + L25)	Total	NC Retail Gross Revenues
1	Amount in current docket	$ 733,398	$ 1,540,891	$ 2,274,290	
2	1% of 2019 NC Retail Gross Revenues of $3,725,835,297			$ 37,258,353	$ 3,725,835,297
3	Excess of Current Docket over 1% NC Retail Gross Revenues			N/A	

Note: Rounding differences may occur