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1 PLACE: Dobbs Building, Raleigh, North Carolina
2 DATE: November 12, 2019
3 DOCKET NO.: E-22, Sub 577
4 TIME IN SESSION: 1:37 p.m. to 1:47 p.m.
5 BEFORE: Commissioner ToNola D. Brown-Bland, Presiding
6 Chair Charlotte A. Mitchell
7 Commissioner Lyons Gray
8 Commissioner Daniel G. Clodfelter
9

10 IN THE MATTER OF:

11 Application by Virginia Electric and Power
12 Company, d/b/a Dominion Energy North Carolina
13 for Approval of Demand-Side Management and Energy
14 Efficiency Cost Recovery Rider Pursuant to
15 G.S. § 62-133.9 and Commission Rule R8-69
16
17
18
19
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23
24

1 A P P E A R A N C E S:

2 FOR VIRGINIA ELECTRIC and POWER COMPANY, d/b/a

3 DOMINION ENERGY NORTH CAROLINA:

4 Brett Breitschwerdt, Esq.

5 McGuireWoods, LLP

6 434 Fayetteville Street, Suite 2600

7 Raleigh, North Carolina 27601

8

9 FOR CAROLINA INDUSTRIAL GROUP FOR FAIR UTILITY

10 RATES I:

11 Warren K. Hicks, Esq.

12 Bailey & Dixon, LLP

13 Post Office Box 1351

14 Raleigh, North Carolina 27602

15

16 FOR THE USING AND CONSUMING PUBLIC:

17 Heather Fennell, Esq.

18 Public Staff - North Carolina Utilities Commission

19 4326 Mail Service Center

20 Raleigh, North Carolina 27699-4300

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NORTH CAROLINA UTILITIES COMMISSION

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**NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP**

DATE: 11-12-18 DOCKET NO.: E-22 Sub 577

ATTORNEY NAME and TITLE: E. Ruth Potts

FIRM NAME: McGuire Woods

ADDRESS: 434 S. Fayetteville St

CITY: Raleigh STATE: _____ ZIP CODE: _____

APPEARING FOR: Dominion Energy North Carolina

APPLICANT: COMPLAINANT: ___ INTERVENOR: ___

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

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**NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP**

DATE: November 12, 2019 **DOCKET NO.:** E-22, Sub 577 DSM/EE Cost Rider

ATTORNEY NAME and TITLE: Warren Kuhn Hicks

FIRM NAME: Bailey & Dixon, LLP

ADDRESS: PO Box 1351

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27602

APPEARING FOR: Carolina Industrial Group for Fair Utility Rates I (CIGFUR I)

APPLICANT: **COMPLAINANT:** **INTERVENOR:**
PROTESTANT: **RESPONDENT:** **DEFENDANT:**

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PUBLIC STAFF - APPEARANCE SLIP

DATE November 12, 2019 DOCKET #: E-22, Sub 577

PUBLIC STAFF MEMBERS Heather Fennell

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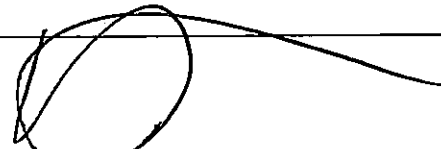
LEGAL heather.fennell@psncuc.nc.gov

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Dominion Exhibi
1
I/A

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-22, SUB 577

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of	
Application of Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina, for Authority to Adjust its Electric Rates and Charges Pursuant to N.C.G.S. § 62-133.9 and Commission Rule R8-69) APPLICATION FOR APPROVAL OF DEMAND-SIDE MANAGEMENT AND ENERGY EFFICIENCY COST RECOVERY RIDER AND REQUEST TO AUTHORIZE CLOSURE OF PROGRAMS

Pursuant to North Carolina General Statutes (“N.C.G.S.”) § 62-133.9 and Rule R8-69 of the Rules and Regulations of the North Carolina Utilities Commission (“NCUC” or the “Commission”), Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (“Dominion Energy North Carolina” or the “Company”), by counsel, hereby applies to the Commission to establish an updated rider to allow the Company to recover its reasonable and prudent demand-side management (“DSM”) and energy efficiency (“EE”) costs, net lost revenues, and Portfolio Performance Incentive (“PPI”) (the “Application”). Through this Application, the Company is also requesting Commission approval to close the previously-approved Phase III North Carolina-only Non-residential Heating and Cooling Efficiency Program and North Carolina-only Non-residential Lighting Systems and Controls Program to participation as of December 31, 2019, in anticipation of Commission approval of the proposed system-wide Phase VII Non-residential Heating and Cooling Efficiency and Non-residential Lighting Systems & Controls Programs to open for participation January 1, 2020. In support thereof, the Company respectfully asserts as follows:

1. The Company is a public utility operating in the State of North Carolina as Dominion Energy North Carolina and is engaged in the business of generating, transmitting, distributing, and selling electric power and energy to the public for compensation. As such, the Company's operations in the State are subject to the jurisdiction of the Commission. The Company is also a public utility under the Federal Power Act, and certain of its operations are subject to the jurisdiction of the Federal Energy Regulatory Commission ("FERC"). The Company is a wholly-owned subsidiary of Dominion Energy, Inc. Dominion Energy North Carolina serves approximately 120,000 customers in North Carolina, with a service territory of about 2,600 square miles in northeastern North Carolina, including Roanoke Rapids, Albemarle, Ahoskie, Elizabeth City, and the Outer Banks. Dominion Energy North Carolina serves major industrial facilities, as well as commercial, governmental, and residential customers. The post office address of Dominion Energy North Carolina is P.O. Box 26666, Richmond, Virginia 23261.

2. The attorneys for the Company are:

Paul F. Pfeffer
Horace P. Payne, Jr.
Dominion Energy Services, Inc.
Legal Department
120 Tredegar Street, RS-2
Richmond, Virginia 23219
(804) 787-5607 (PFP phone)
(804) 819-2682 (HPP phone)
paul.e.pfeffer@dominionenergy.com
horace.p.payne@dominionenergy.com

E. Brett Breitschwerdt
Kristin M. Athens
McGuireWoods LLP
434 Fayetteville Street, Suite 2600
Raleigh, North Carolina 27601
(919) 755-6563 (EBB Phone)
(919) 835-5909 (KMA Phone)
bbreitschwerdt@mcguirewoods.com
kathens@mcguirewoods.com

Copies of all pleadings, testimony, orders, and correspondence in this proceeding should be served upon the attorneys listed above.

3. N.C.G.S. § 62-133.9(d) authorizes the Commission to approve an annual rider to the rates of electric public utilities to recover all reasonable and prudent costs incurred for the adoption and implementation of new demand-side management and energy efficiency (collectively “DSM/EE”) measures (“DSM/EE Programs”), including, but not limited to, all capital costs, administrative costs, implementation costs, incentive payments to program participants, and operating costs. The annual rider shall recover the utility’s forecasted costs during the February 1, 2020, through January 31, 2021, rate period (“Rate Period”), and an experience modification factor (“EMF”) rider shall recover the difference between the utility’s actual reasonable and prudent costs incurred and actual revenues realized during the January 1, 2018, through December 31, 2018, test period (“Test Period”). The Commission is also authorized, pursuant to N.C.G.S. § 62.133.9(d)(2), to approve incentives to utilities for the adoption and implementation of new DSM/EE Programs.

4. Commission Rule R8-69(b) provides that the Commission will annually conduct a proceeding for each electric public utility to establish a DSM/EE rider to recover DSM/EE related costs. On October 14, 2011, the Commission issued an Order

approving the Company's proposed DSM/EE cost recovery rider, Rider C ("2010 Cost Recovery Order").¹ The 2010 Cost Recovery Order also approved the Agreement and Stipulation of Settlement ("Stipulation") agreed to between the Public Staff and the Company, as well as a cost recovery and incentive mechanism attached as Stipulation Exhibit 1 to the Stipulation. The Commission issued an Order on December 13, 2011, in the Company's 2011 cost recovery proceeding approving an updated Rider C as well as an Addendum to the Stipulation, establishing a jurisdictional allocation methodology for the allocation of DSM/EE Program costs between the Company's North Carolina and Virginia jurisdictions.²

5. On December 14, 2012, in the Company's 2012 cost recovery proceeding, the Commission again approved an updated Rider C along with the Company's initial EMF, Rider CE.³ On December 18, 2013, the Commission approved updated Riders C and CE, as well as a second Addendum to the Stipulation addressing assignment of costs for the Company's North Carolina-only Programs.⁴ On December 19, 2014, the Commission approved Riders C and CE presented in the Company's 2014 cost recovery proceeding.⁵ On December 14, 2015, the Commission approved Riders C and CE presented in the Company's 2015 cost recovery proceeding.⁶ On December 19, 2016, the Commission approved Riders C and CE presented in the Company's 2016 cost recovery

¹ *Order Approving Agreement and Stipulation of Settlement, Approving DSM/EE Rider, and Requiring Compliance Filing*, Docket No. E-22, Sub 464 (Oct. 14, 2011).

² *Order Approving DSM/EE Rider and Requiring Customer Notice*, Docket No. E-22, Sub 473 (Dec. 13, 2011).

³ *Order Approving DSM/EE Rider and DSM/EE EMF Riders and Requiring Customer Notice*, Docket No. E-22, Sub 486 (Dec. 14, 2012).

⁴ *Order Approving DSM/EE and DSM/EE EMF Riders and Requiring Customer Notice*, Docket No. E-22, Sub 494 (Dec. 18, 2013).

⁵ *Order Approving DSM/EE and DSM/EE EMF Riders and Requiring Filing of Proposed Customer Notice*, Docket No. E-22, Sub 513 (Dec. 19, 2014).

proceeding.⁷ On December 21, 2017, in the Company's most recent cost recovery proceeding, the Commission approved the currently-effective updated Riders C and CE.⁸

6. On May 22, 2017, the Commission approved a revised cost recovery and incentive mechanism ("Mechanism"), addressing the manner in which the Company would develop its future Rule R8-69 applications for DSM/EE cost recovery.⁹ The Company has developed this Application in accordance with the provisions of the revised Mechanism.

7. Pursuant to the provisions of N.C.G.S. § 62-133.9 and Commission Rule R8-69, the Company requests approval of an updated Rider C to recover its reasonable and prudent costs projected to be incurred for adoption and implementation of the Company's portfolio of DSM/EE Programs, including certain "Common Costs," which are projected costs for items such as program marketing and internal labor that are shared across the Company's DSM/EE Programs. The Company's portfolio of DSM/EE Programs for which Rate Period cost recovery is sought in this proceeding includes: (a) the previously-approved Phase I Air Conditioner Cycling Program;¹⁰ (b) the previously-approved Phase IV Residential Income and Age Qualifying Home Improvement Program;¹¹ (c) the previously-approved Phase V Small Business

⁶ *Order Approving DSM/EE and DSM/EE EMF Riders and Requiring Filing of Proposed Customer Notice*, Docket No. E-22, Sub 524 (Dec. 14, 2015).

⁷ *Order Approving DSM/EE Rider and Requiring Filing of Proposed Customer Notice*, Docket No. E-22, Sub 536 (Dec. 19, 2016).

⁸ *Order Approving DSM/EE Rider and Requiring Filing of Proposed Customer Notice*, Docket No. E-22, Sub 545 (Dec. 21, 2017).

⁹ *Order Approving Revised Cost Recovery and Incentive Mechanism*, Docket No. E-22, Sub 464 (May 22, 2017).

¹⁰ Docket No. E-22, Sub 465. All other Phase I programs except the Residential Air Conditioner Cycling Program have previously been concluded.

¹¹ Docket No. E-22, Sub 523.

Improvement Program;¹² (d) the previously-approved Phase VI Non-Residential Prescriptive Program;¹³ and (e) the recently proposed Phase VII Programs: Residential Home Energy Assessment, Residential Efficient Products Marketplace, Residential Appliance Recycling, Non-residential Window Film, Non-residential Small Manufacturing, Non-residential Office Programs, Non-residential Lighting Systems & Controls, and the Non-residential Heating and Cooling Efficiency.¹⁴

8. Pursuant to N.C.G.S. § 62-133.9(d)(2) and Commission Rule R8-69(c), the Company also requests recovery of net lost revenues and a PPI for the adoption and implementation of the DSM/EE Programs. However, consistent with the Company's annual DSM/EE cost recovery applications, the Company has not projected net lost revenues for the Rate Period; instead, the Company intends to true up net lost revenues through its annual EMF in future proceedings. The Company is also requesting to true up its Test Period recovery of PPI and net lost revenues in accordance with the Mechanism.

9. Consistent with Paragraph 40 of the Mechanism, the Company has developed its revenue requirement using the capital structure and cost of capital as specified by the Company's Treasury Department for use in the Company's June 30, 2019 NCUC ES-1 Report, incorporating a cost of common equity of 9.90%, as approved in the Company's most recent general rate case on December 22, 2016, in Docket No. E-22, Sub 532.¹⁵

10. The Company's Application and prefiled direct testimony are consistent with the terms and conditions of the Mechanism, as approved by the Commission.

¹² Docket No. E-22, Sub 538.

¹³ Docket No. E-22, Sub 543.

¹⁴ See Applications for Approval of new Phase VII DSM/EE Programs filed on July 12, 2019, in Docket No. E-22, Subs 567, 568, 569, 570, 571, 572, 573 and 574, respectively.

Updated Rider C and the EMF rider, Rider CE, are intended to allow the Company to recover \$3,934,290 of DSM/EE expenses and incentives during the Rate Period. This amount includes an under-collection of \$464,010 during the Test Period and \$3,470,280 for expenses and incentives projected to be incurred during the Rate Period.

11. Pursuant to N.C.G.S. § 62-133.9, the Company requests Commission approval of annual Rider C and CE billing adjustments as follows (all shown on a dollars per kWh basis):

<u>Customer Class</u>	<u>Rider C</u> DSM/EE Customer Class Rate (¢/kWh)	<u>Rider CE</u> DSM/EE EMF Customer Class Rate (¢/kWh)	<u>Total Riders C & CE</u> Customer Class Rate (¢/kWh)
Residential	0.109 ¢/kWh	0.016 ¢/kWh	0.125 ¢/kWh
Small General Service & Public Authority	0.158 ¢/kWh	0.018 ¢/kWh	0.176 ¢/kWh
Large General Service	0.097 ¢/kWh	0.011 ¢/kWh	0.108 ¢/kWh
6VP	0.000 ¢/kWh	0.000 ¢/kWh	0.000 ¢/kWh
NS	0.000 ¢/kWh	0.000 ¢/kWh	0.000 ¢/kWh
Outdoor Lighting	0.000 ¢/kWh	0.000 ¢/kWh	0.000 ¢/kWh
Traffic Lighting	0.000 ¢/kWh	0.000 ¢/kWh	0.000 ¢/kWh

12. Consistent with the Company's 2018 DSM/EE cost recovery application, updated Rider C and Rider CE will be in effect for the 12-month period from February 1, 2020, through January 31, 2021, the proposed Rate Period.

13. Pursuant to Commission Rules R8-69(b) and R8-27, the Company requests approval to defer prudently incurred costs to FERC Account 182.3, "Other Regulatory Assets," until recovered. Pursuant to Commission Rule R8-69(b)(6), the Company requests approval to defer the difference between actual reasonable and prudently incurred incremental costs and the related revenues realized under rates in

¹⁵ See Order Granting General Rate Increase, Docket No. E-22, Sub 532 (Dec. 22, 2016).

effect. The Company also requests approval as required under Commission Rule R8-69(b)(6) to defer any Common Costs, including any administrative, general, or other costs not directly related to new DSM/EE Programs. Finally, the Company requests approval to defer costs that the Company incurs in adopting and implementing new DSM/EE measures up to six months prior to the Company filing for Commission approval of such measures in accordance with Commission Rule R8-68.

14. In support of the requested change in rates, the Company has attached hereto, as required by Commission Rule R8-69, the prefiled direct testimony and exhibits of Michael T. Hubbard, Deanna R. Kesler, Jarvis E. Bates, Alan J. Moore, Robert E. Miller, and Debra A. Stephens.

REQUEST TO CLOSE PROGRAMS

15. The Company also hereby requests approval to close the Company's previously-approved Phase III North Carolina-only Non-residential Heating and Cooling Efficiency Program¹⁶ and North Carolina-only Non-residential Lighting Systems and Controls Program¹⁷ to participation as of December 31, 2019 ("Closure Date"), as these Programs are being replaced by the recently proposed system-wide Phase VII Non-residential Heating and Cooling Efficiency and Non-residential Lighting Systems & Controls Programs. The Company further requests that the Commission allow the Company to withdraw rate schedules NRHCE and NRLSC as of the Closure Date.

16. As the Commission is aware, the Company has designed its DSM/EE programs to be managed and operated on a consolidated, system basis in order to minimize program expenses while optimizing program deployment. Specifically, the

¹⁶ See *Order Approving Program*, Docket No. E-22, Sub 507 (Oct. 16, 2018).

¹⁷ See *Order Approving Program*, Docket No. E-22, Sub 508 (Oct. 16, 2018).

Company's Energy Conservation ("EC") group develops the Company's DSM/EE program portfolio to be deployed in phases, with program approval first being sought in Virginia and, if approved in Virginia, then sought in North Carolina. The EC group uses an outside vendor to operate its DSM/EE programs on a system jurisdictional basis. This approach has allowed North Carolina and Virginia to benefit from the efficiencies gained through consolidated operation of the programs, as program expenses have been allocated between the jurisdictions.

17. On May 12, 2019, the VSCC approved the Company's Phase VII Programs, including the Non-residential Heating and Cooling Efficiency and the Non-residential Lighting Systems & Controls replacement Programs.¹⁸ On July 12, 2019, the Company applied for Commission approval to offer the Phase VII Programs on a system-wide basis in North Carolina, including the new Non-residential Heating and Cooling Efficiency Program¹⁹ and Non-residential Lighting Systems & Controls Program.²⁰

18. Closure of the Phase III North Carolina-only Non-residential Heating and Cooling Efficiency and North Carolina-only Non-residential Lighting Systems and Controls Programs to participation as of December 31, 2019, is appropriate as the types of measures currently offered in these North Carolina-only Programs will now be offered through the proposed system-wide Phase VII Non-residential Heating and Cooling Efficiency and Non-residential Lighting Systems & Controls Programs.

¹⁸ *Application of Virginia Electric and Power Company for approval to implement demand-side management programs and for approval of two updated rate adjustment clause pursuant to § 56-585.1 A 5 of the Code of Virginia*, Final Order, PUR-2018-00168 (May 2, 2019).

¹⁹ Application of Dominion Energy North Carolina for Approval of Non-Residential Heating and Cooling Efficiency Program, Docket No. E-22, Sub 574 (July 12, 2019).

²⁰ Application of Dominion Energy North Carolina for Approval of Non-Residential Lighting Systems & Controls Program, Docket No. E-22, Sub 573 (July 12, 2019).

19. Upon Commission approval of this request, the Company will provide notice on the Company's website that the North Carolina-only Non-residential Heating and Cooling Efficiency and North Carolina-only Non-residential Lighting Systems and Controls Programs will no longer be available for measures that commence installation after the Closure Date, and that the Programs will cease to be in effect as of that date. The Company will also remove its application forms for the North Carolina-only Non-Residential Heating and Cooling Efficiency and North Carolina-only Non-residential Lighting Systems and Controls Programs from the Company's website in order to close the Programs on the Closure Date.

WHEREFORE, Dominion Energy North Carolina respectfully requests that the Commission approve the changes to its rates as set forth in Paragraph eleven (11) above, finding them just and reasonable, and authorize closure of the North Carolina-only Non-Residential Heating and Cooling Efficiency and North Carolina-only Non-residential Lighting Systems and Controls Programs as of December 31, 2019.

Respectfully submitted, this the 13th day of August, 2019.

DOMINION ENERGY NORTH CAROLINA

By: /s/E. Brett Breitschwerdt

Counsel

* Confidential pages
 Duled under seal.
 10/11/11

I/A

Dominion Energy North Carolina
 Docket No. E-22, Sub 577

Company Exhibit DRK-1
 Schedule 1
 Page 1 of 2

Revenue Requirement per Appropriate Unit^{1 2}
Rule R8-69(f)(1)(ii)(a)

Program	Total Revenue Requirement (000s)	kW Reductions	MWh Reductions	DSM Cost per kW	EE Cost per MWh
Air Conditioner Cycling Program	9,721	53,032	N/A	\$ 183	N/A
Residential Income and Age Qualifying Home Improvement Program	4,419	842	8,758	N/A	\$ 505
Non-Residential Small Business Improvement Program	9,247	11,676	63,520	N/A	\$ 146
Non-Residential Prescriptive Program	6,352	14,904	87,505	N/A	\$ 73
Residential Appliance Recycling Program	1,863	1,041	6,676	N/A	\$ 279
Residential Efficient Products Marketplace Program	6,820	1,672	128,748	N/A	\$ 53
Residential Home Energy Assessment Program	4,337	1,570	9,348	N/A	\$ 464
Non-Residential Lighting Systems & Controls Program	2,960	2,959	14,271	N/A	\$ 207
Non-Residential Heating & Cooling Efficiency Program	1,958	2,041	9,100	N/A	\$ 215
Non-Residential Window Film Program	454	496	2,034	N/A	\$ 223
Non-Residential Small Manufacturing Program	1,250	754	3,524	N/A	\$ 355
Non-Residential Office Program	1,162	455	5,215	N/A	\$ 223

Note: 1) Exclusive of net lost revenues

Note: 2) Based on Individual Program Evaluation

Avoided Costs per Appropriate Unit
Rule R8-69(f)(1)(ii)(b)

Program	Total Avoided Costs (000s)	Capacity Reductions (kW)	Energy Reductions (MWh)	DSM Avoided Cost per kW	EE Avoided Cost per MWh
Air Conditioner Cycling Program	\$ 25,963	53,032	N/A	\$ 490	\$ -
Residential Income and Age Qualifying Home Improvement Program	\$ 367	842	8,758	\$ 436	\$ 42
Non-Residential Small Business Improvement Program	\$ 3,346	11,676	63,520	\$ 287	\$ 53
Non-Residential Prescriptive Program	\$ 6,488	14,904	87,505	\$ 435	\$ 74
Residential Appliance Recycling Program	\$ 310	1,041	6,676	\$ 297	\$ 46
Residential Efficient Products Marketplace Program	\$ 4,873	1,672	128,748	\$ 2,915	\$ 38
Residential Home Energy Assessment Program	\$ 486	1,570	9,348	\$ 310	\$ 52
Non-Residential Lighting Systems & Controls Program	\$ 735	2,959	14,271	\$ 249	\$ 52
Non-Residential Heating & Cooling Efficiency Program	\$ 502	2,041	9,100	\$ 246	\$ 55
Non-Residential Window Film Program	\$ 115	496	2,034	\$ 232	\$ 56
Non-Residential Small Manufacturing Program	\$ 187	754	3,524	\$ 249	\$ 53
Non-Residential Office Program	\$ 215	455	5,215	\$ 473	\$ 41

Note: Based on Individual Program Evaluation

2020 Summer/Winter Peak & Energy Savings (System-Level at the Meter)
Rule R8-69(f)(1)(ii)(d)(e)

Program	Summer MW Reductions (2020)	Winter MW Reductions (2020)	GWh Reductions (2020)
Air Conditioner Cycling Program	53.03	0.00	0.00
Residential Income and Age Qualifying Home Improvement Program	0.84	1.78	8.76
Non-Residential Small Business Improvement Program	11.68	10.35	63.52
Non-Residential Prescriptive Program	14.90	6.48	87.50
Residential Appliance Recycling Program	1.04	0.34	6.68
Residential Efficient Products Marketplace Program	1.67	1.23	128.75
Residential Home Energy Assessment Program	1.57	-10.71	9.35
Non-Residential Lighting Systems & Controls Program	2.96	1.16	14.27
Non-Residential Heating & Cooling Efficiency Program	2.041	4.78	9.10
Non-Residential Window Film Program	0.496	0.20	2.03
Non-Residential Small Manufacturing Program	0.754	0.41	3.52
Non-Residential Office Program	0.455	1.44	5.22

Note: Based on Individual Program Evaluation

AC Cycling Program UCT
Program Life 15.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 2,923	\$ 5,997	-\$3,073.44	0.49	0.71
2019	\$ -	\$ -	\$ -		
2020	\$ 125	\$ 617	-\$492		
2021	\$ 217	\$ 200	\$ 17		
2022	\$ 237	\$ 200	\$ 37		
2023	\$ 252	\$ 200	\$ 52		
2024	\$ 267	\$ 200	\$ 67		
2025	\$ 285	\$ 200	\$ 85		
2026	\$ 304	\$ 200	\$ 104		
2027	\$ 326	\$ 200	\$ 126		
2028	\$ 345	\$ 200	\$ 145		
2029	\$ 370	\$ 200	\$ 170		
2030	\$ 394	\$ 200	\$ 194		
2031	\$ 413	\$ 200	\$ 213		
2032	\$ 424	\$ 200	\$ 224		
2033	\$ 436	\$ 200	\$ 236		
2034	\$ 448	\$ 200	\$ 248		
2035	\$ 191	\$ -	\$ 191		

Note: Based on Individual Program Evaluation

Income and Age Qualifying Home Improvement UCT
Program Life 15.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 683	\$ 4,157	-\$3,473.90	0.16	0.16
2019	\$ -	\$ -	\$ -		
2020	\$ 32	\$ 4,419	-\$4,387		
2021	\$ 61	\$ -	\$ 61		
2022	\$ 62	\$ -	\$ 62		
2023	\$ 65	\$ -	\$ 65		
2024	\$ 62	\$ -	\$ 62		
2025	\$ 68	\$ -	\$ 68		
2026	\$ 72	\$ -	\$ 72		
2027	\$ 76	\$ -	\$ 76		
2028	\$ 77	\$ -	\$ 77		
2029	\$ 81	\$ -	\$ 81		
2030	\$ 83	\$ -	\$ 83		
2031	\$ 86	\$ -	\$ 86		
2032	\$ 90	\$ -	\$ 90		
2033	\$ 95	\$ -	\$ 95		
2034	\$ 96	\$ -	\$ 96		
2035	\$ 48	\$ -	\$ 48		

Note: Based on Individual Program Evaluation

Small Business Improvement Program UCT
Program Life 14.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 11,855	\$ 8,321	\$3,534.62	1.42	1.07
2019	\$ -	\$ -	\$ -		
2020	\$ 612	\$ 8,846	-\$8,234		
2021	\$ 1,092	\$ -	\$ 1,092		
2022	\$ 1,124	\$ -	\$ 1,124		
2023	\$ 1,173	\$ -	\$ 1,173		
2024	\$ 1,089	\$ -	\$ 1,089		
2025	\$ 1,254	\$ -	\$ 1,254		
2026	\$ 1,332	\$ -	\$ 1,332		
2027	\$ 1,401	\$ -	\$ 1,401		
2028	\$ 1,435	\$ -	\$ 1,435		
2029	\$ 1,514	\$ -	\$ 1,514		
2030	\$ 1,578	\$ -	\$ 1,578		
2031	\$ 1,619	\$ -	\$ 1,619		
2032	\$ 1,678	\$ -	\$ 1,678		
2033	\$ 1,776	\$ -	\$ 1,776		
2034	\$ 800	\$ -	\$ 800		

Note: Based on Individual Program Evaluation

Non-Residential Prescriptive Program UCT
Program Life 6.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 11,910	\$ 5,960	\$5,949.25	2.00	1.42
2019	\$ -	\$ -	\$ -		
2020	\$ 1,341	\$ 6,336	-\$4,996		
2021	\$ 2,358	\$ -	\$ 2,358		
2022	\$ 2,430	\$ -	\$ 2,430		
2023	\$ 2,552	\$ -	\$ 2,552		
2024	\$ 2,488	\$ -	\$ 2,488		
2025	\$ 2,700	\$ -	\$ 2,700		
2026	\$ 1,285	\$ -	\$ 1,285		

Note: Based on Individual Program Evaluation

Residential Home Energy Assessment Program UCT
Program Life 12.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 5,863	\$ 4,039	\$1,823.72	1.45	1.06
2019	\$ -	\$ -	\$ -		
2020	\$ 286	\$ 4,294	-\$4,008		
2021	\$ 555	\$ -	\$ 555		
2022	\$ 640	\$ -	\$ 640		
2023	\$ 706	\$ -	\$ 706		
2024	\$ 590	\$ -	\$ 590		
2025	\$ 729	\$ -	\$ 729		
2026	\$ 767	\$ -	\$ 767		
2027	\$ 829	\$ -	\$ 829		
2028	\$ 835	\$ -	\$ 835		
2029	\$ 888	\$ -	\$ 888		
2030	\$ 901	\$ -	\$ 901		
2031	\$ 931	\$ -	\$ 931		
2032	\$ 441	\$ -	\$ 441		

Note: Based on Individual Program Evaluation

Residential Appliance Recycling Program UCT
Program Life 8.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 1,720	\$ 1,735	-\$15.30	0.99	1.09
2019	\$ -	\$ -	\$ -		
2020	\$ 156	\$ 1,844	-\$1,688		
2021	\$ 271	\$ -	\$ 271		
2022	\$ 280	\$ -	\$ 280		
2023	\$ 294	\$ -	\$ 294		
2024	\$ 302	\$ -	\$ 302		
2025	\$ 312	\$ -	\$ 312		
2026	\$ 331	\$ -	\$ 331		
2027	\$ 353	\$ -	\$ 353		
2028	\$ -	\$ -	\$ -		

Note: Based on Individual Program Evaluation

Residential Efficient Products Marketplace Program UCT
Program Life 16.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 29,565	\$ 6,351	\$23,213.52	4.65	3.72
2019	\$ -	\$ -	\$ -		
2020	\$ 1,398	\$ 6,752	-\$5,354		
2021	\$ 2,579	\$ -	\$ 2,579		
2022	\$ 2,568	\$ -	\$ 2,568		
2023	\$ 2,600	\$ -	\$ 2,600		
2024	\$ 2,605	\$ -	\$ 2,605		
2025	\$ 2,757	\$ -	\$ 2,757		
2026	\$ 2,935	\$ -	\$ 2,935		
2027	\$ 3,040	\$ -	\$ 3,040		
2028	\$ 3,118	\$ -	\$ 3,118		
2029	\$ 3,242	\$ -	\$ 3,242		
2030	\$ 3,354	\$ -	\$ 3,354		
2031	\$ 3,452	\$ -	\$ 3,452		
2032	\$ 3,636	\$ -	\$ 3,636		
2033	\$ 3,929	\$ -	\$ 3,929		
2034	\$ 4,056	\$ -	\$ 4,056		
2035	\$ 4,305	\$ -	\$ 4,305		
2036	\$ 2,020	\$ -	\$ 2,020		

Note: Based on Individual Program Evaluation

Non-Residential Heating & Cooling Efficiency Program UCT
Program Life 15.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 5,675	\$ 1,823	\$3,851.44	3.11	1.34
2019	\$ -	\$ -	\$ -		
2020	\$ 254	\$ 1,938	-\$1,684		
2021	\$ 506	\$ -	\$ 506		
2022	\$ 497	\$ -	\$ 497		
2023	\$ 522	\$ -	\$ 522		
2024	\$ 540	\$ -	\$ 540		
2025	\$ 558	\$ -	\$ 558		
2026	\$ 593	\$ -	\$ 593		
2027	\$ 635	\$ -	\$ 635		
2028	\$ 641	\$ -	\$ 641		
2029	\$ 669	\$ -	\$ 669		
2030	\$ 710	\$ -	\$ 710		
2031	\$ 719	\$ -	\$ 719		
2032	\$ 747	\$ -	\$ 747		
2033	\$ 786	\$ -	\$ 786		
2034	\$ 802	\$ -	\$ 802		
2035	\$ 462	\$ -	\$ 462		

Note: Based on Individual Program Evaluation

Non-Residential Lighting Systems & Controls Program UCT
Program Life 11.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 6,015	\$ 2,757	\$3,258.14	2.18	1.51
2019	\$ -	\$ -	\$ -		
2020	\$ 388	\$ 2,930	-\$2,542		
2021	\$ 675	\$ -	\$ 675		
2022	\$ 696	\$ -	\$ 696		
2023	\$ 730	\$ -	\$ 730		
2024	\$ 748	\$ -	\$ 748		
2025	\$ 779	\$ -	\$ 779		
2026	\$ 829	\$ -	\$ 829		
2027	\$ 872	\$ -	\$ 872		
2028	\$ 892	\$ -	\$ 892		
2029	\$ 945	\$ -	\$ 945		
2030	\$ 978	\$ -	\$ 978		
2031	\$ 438	\$ -	\$ 438		

Note: Based on Individual Program Evaluation

Non-Residential Window Film Program UCT
Program Life 10.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 844	\$ 422	\$421.54	2.00	1.43
2019	\$ -	\$ -	\$ -		
2020	\$ 60	\$ 449	-\$389		
2021	\$ 102	\$ -	\$ 102		
2022	\$ 106	\$ -	\$ 106		
2023	\$ 112	\$ -	\$ 112		
2024	\$ 116	\$ -	\$ 116		
2025	\$ 119	\$ -	\$ 119		
2026	\$ 126	\$ -	\$ 126		
2027	\$ 132	\$ -	\$ 132		
2028	\$ 137	\$ -	\$ 137		
2029	\$ 147	\$ -	\$ 147		
2030	\$ 63	\$ -	\$ 63		

Note: Based on Individual Program Evaluation

Non-Residential Office Program UCT
Program Life 7.00

Year	2020 Pen. Benefits	2020 Pen. Costs	Annual Net Benefits (000s)	2020 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 1,213	\$ 1,082	\$130.54	1.12	1.11
2019	\$ -	\$ -	\$ -		
2020	\$ 108	\$ 1,151	-\$1,043		
2021	\$ 210	\$ -	\$ 210		
2022	\$ 214	\$ -	\$ 214		
2023	\$ 224	\$ -	\$ 224		
2024	\$ 225	\$ -	\$ 225		
2025	\$ 235	\$ -	\$ 235		
2026	\$ 250	\$ -	\$ 250		
2027	\$ 133	\$ -	\$ 133		

Note: Based on Individual Program Evaluation

Non-Residential Small Manufacturing Program
Program Life 12.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 1,671	\$ 1,164	\$507.06	1.44	1.23
2019	\$ -	\$ -	\$ -		
2020	\$ 98	\$ 1,238	-\$1,140		
2021	\$ 174	\$ -	\$ 174		
2022	\$ 179	\$ -	\$ 179		
2023	\$ 186	\$ -	\$ 186		
2024	\$ 191	\$ -	\$ 191		
2025	\$ 199	\$ -	\$ 199		
2026	\$ 213	\$ -	\$ 213		
2027	\$ 230	\$ -	\$ 230		
2028	\$ 229	\$ -	\$ 229		
2029	\$ 242	\$ -	\$ 242		
2030	\$ 252	\$ -	\$ 252		
2031	\$ 261	\$ -	\$ 261		
2032	\$ 120	\$ -	\$ 120		

Note: Based on Individual Program Evaluation

PORTFOLIO
Program Life 16.00

	2020 Pen. Benefits	2020 Pen. Costs		2020 Vintage Year C/B Scores	
Year	Total Benefits (000s)	Total Costs (000s)	Annual Net Benefits (000s)	UCT Ratio	TRC Ratio
NPV	\$ 111,160	\$ 46,004	\$65,155.74	2.42	1.92
2019	\$ -	\$ -	\$ -		
2020	\$ 6,223	\$ 43,148	-\$36,925		
2021	\$ 13,580	\$ 200	\$ 13,380		
2022	\$ 11,598	\$ 200	\$ 11,398		
2023	\$ 12,017	\$ 200	\$ 11,817		
2024	\$ 12,158	\$ 200	\$ 11,958		
2025	\$ 12,654	\$ 200	\$ 12,454		
2026	\$ 11,932	\$ 200	\$ 11,732		
2027	\$ 10,938	\$ 200	\$ 10,738		
2028	\$ 10,749	\$ 200	\$ 10,549		
2029	\$ 11,237	\$ 200	\$ 11,037		
2030	\$ 11,562	\$ 200	\$ 11,362		
2031	\$ 11,283	\$ 200	\$ 11,083		
2032	\$ 10,672	\$ 200	\$ 10,472		
2033	\$ 10,814	\$ 200	\$ 10,614		
2034	\$ 10,104	\$ 200	\$ 9,904		
2035	\$ 9,391	\$ -	\$ 9,391		
2036	\$ 4,052	\$ -	\$ 4,052		

2018 Integrated Resource Plan Forecasted Energy Savings (MWh) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	0	0	0	0	0	0	0	0	0	0
Income and Age Qualifying Home Improvement Program	7,677	9,430	11,182	12,935	13,834	13,923	14,010	14,092	14,171	14,247
Small Business Improvement Program	33,401	52,153	61,749	63,212	64,147	64,653	65,149	65,628	66,091	66,541
Non-Residential Prescriptive Program	81,731	134,339	186,946	213,532	216,827	218,822	220,780	222,671	224,498	226,276

2017 Integrated Resource Plan Update Forecasted Energy Savings (MWh) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	0	0	0	0	0	0	0	0	0	0
Income and Age Qualifying Home Improvement Program	8,107	10,196	12,284	13,380	13,523	13,665	13,802	13,933	14,058	14,179
Small Business Improvement Program	45,033	63,832	73,452	74,546	75,368	76,188	76,986	77,755	78,502	79,233
Non-Residential Prescriptive Program	188,453	277,136	365,820	408,891	413,399	417,897	422,278	426,504	430,603	434,615

Difference in Forecasted Energy Savings (MWh) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	-	-	-	-	-	-	-	-	-	-
Income and Age Qualifying Home Improvement Program	(430)	(766)	(1,102)	(445)	311	258	207	160	113	68
Small Business Improvement Program	(11,631)	(11,679)	(11,703)	(11,334)	(11,221)	(11,535)	(11,837)	(12,127)	(12,411)	(12,692)
Non-Residential Prescriptive Program	(106,722)	(142,797)	(178,873)	(195,359)	(196,572)	(199,075)	(201,498)	(203,833)	(206,105)	(208,339)

2018 Integrated Resource Plan (NC DSM) Forecasted Energy Savings (MWh) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	0	0	0	0	0	0	0	0	0	0
Income and Age Qualifying Home Improvement Program	7,272	8,758	10,244	11,730	13,216	14,702	15,460	15,553	15,641	15,726
Small Business Improvement Program	42,377	63,520	74,885	76,540	78,234	79,968	81,012	81,434	81,841	82,237
Non-Residential Prescriptive Program	34,897	87,505	140,112	166,698	171,842	229,281	276,211	277,701	279,140	280,540

Notes:

- Difference in values are the 2018 Integrated Resource Plan Energy Savings less the 2017 Integrated Resource Plan Update Energy Savings.
- 2019 IRP has not been developed or filed as of the date of this filing

2018 Integrated Resource Plan Forecasted Coincident Capacity Savings (kW) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285
Income and Age Qualifying Home Improvement Program	1,538	1,883	2,229	2,574	2,728	2,746	2,763	2,779	2,795	2,810
Small Business Improvement Program	8,368	13,747	16,364	16,783	17,043	17,188	17,329	17,466	17,598	17,727
Non-Residential Prescriptive Program	12,524	20,390	28,256	31,956	32,433	32,731	33,023	33,306	33,579	33,844

2017 Integrated Resource Plan Update Forecasted Coincident Capacity Savings (kW) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995
Income and Age Qualifying Home Improvement Program	1,575	1,973	2,372	2,553	2,581	2,608	2,634	2,659	2,682	2,705
Small Business Improvement Program	12,990	18,382	21,006	21,315	21,550	21,784	22,012	22,232	22,445	22,654
Non-Residential Prescriptive Program	27,456	40,128	52,799	58,452	59,097	59,739	60,364	60,967	61,552	62,125

Forecasted Coincident Capacity Savings Difference (kW) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290
Income and Age Qualifying Home Improvement Program	(38)	(90)	(143)	21	148	138	129	121	112	104
Small Business Improvement Program	(4,622)	(4,636)	(4,642)	(4,532)	(4,507)	(4,596)	(4,683)	(4,765)	(4,847)	(4,927)
Non-Residential Prescriptive Program	(14,932)	(19,737)	(24,543)	(26,496)	(26,664)	(27,008)	(27,341)	(27,661)	(27,974)	(28,281)

2018 Integrated Resource Plan (NC DSM Case) Forecasted Coincident Capacity Savings (kW) (System-Level at the Generator)

Programs	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Air Conditioner Cycling Program	53,515	53,859	53,859	53,859	53,859	53,859	53,859	53,859	53,859	53,859
Income and Age Qualifying Home Improvement Program	703	841	979	1,117	1,256	1,394	1,457	1,465	1,473	1,481
Small Business Improvement Program	7,818	11,677	13,555	13,855	14,163	14,477	14,655	14,731	14,805	14,877
Non-Residential Prescriptive Program	7,036	14,903	22,769	26,469	27,237	35,508	41,309	41,532	41,747	41,956

Notes:

- Difference in values are the 2018 Integrated Resource Plan Capacity Savings less the 2017 Integrated Resource Plan Update Capacity Savings
- 2019 IRP has not been developed or filed as of the date of this filing

Air Conditioner Cycling Program				
	Participant	Utility	TRC	RIM
Total NPV Benefits	\$ 41,898	\$ 116,063	\$ 116,063	\$ 116,065
Total NPV Costs	\$ -	\$ 165,805	\$ 120,234	\$ 165,805
Net Benefits NPV	\$ 41,898	\$ (49,742)	\$ (4,171)	\$ (49,740)
Benefit/Cost Ratio	N/A	0.70	0.97	0.70
Income and Age Qualifying Home Improvement Program				
	Participant	Utility	TRC	RIM
Total NPV Benefits	\$ 21,847	\$ 9,799	\$ 9,799	\$ 9,799
Total NPV Costs	\$ -	\$ 50,560	\$ 50,560	\$ 74,845
Net Benefits NPV	\$ 21,847	\$ (40,761)	\$ (40,761)	\$ (65,045)
Benefit/Cost Ratio	N/A	0.19	0.19	0.13
Small Business Improvement Program				
	Participant	Utility	TRC	RIM
Total NPV Benefits	\$ 118,579	\$ 71,193	\$ 71,193	\$ 71,193
Total NPV Costs	\$ 37,837	\$ 49,929	\$ 46,913	\$ 138,495
Net Benefits NPV	\$ 80,742	\$ 21,265	\$ 24,280	\$ (67,301)
Benefit/Cost Ratio	3.13	1.43	1.52	0.51
Non-Residential Prescriptive Program				
	Participant	Utility	TRC	RIM
Total NPV Benefits	\$ 296,826	\$ 191,721	\$ 191,721	\$ 191,721
Total NPV Costs	\$ 87,580	\$ 82,227	\$ 97,219	\$ 341,256
Net Benefits NPV	\$ 209,246	\$ 109,494	\$ 94,501	\$ (149,535)
Benefit/Cost Ratio	3.39	2.33	1.97	0.56

Note: Based on Individual Program Evaluation

	PORTFOLIO			
	Participant	Utility	TRC	RIM
Total NPV Benefits	\$ 479,150	\$ 404,781	\$ 404,781	\$ 404,781
Total NPV Costs	\$ 125,417	\$ 348,386	\$ 314,791	\$ 720,265
Net Benefits NPV	\$ 353,733	\$ 56,394	\$ 89,989	\$ (315,485)
Benefit/Cost Ratio	3.82	1.16	1.29	0.56

NC GENERAL RATE CASE: DOCKET E-22, SUB 562				2018												2018 Total	
Phase II EE Programs: Net Energy Savings (KWh) (Cumulative by Month)	Rate Code	Rate Schedule	2018 Percentage	1	2	3	4	5	6	7	8	9	10	11	12	2018 Total	
				Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Residential Heat Pump Tune Up Program:																	
163	Schedule 1	99.0%	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	132,657
164	Schedule 1P	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165	Schedule 1T	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	Schedule 1DF	1.0%	108	108	108	108	108	108	108	108	108	108	108	108	108	108	1,296
Residential Heat Pump Tune Up Sub-Total:			100.0%	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	133,953
Residential Heat Pump Upgrade Program:																	
163	Schedule 1	99.7%	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	76,216
164	Schedule 1P	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	Schedule 1DF	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Upgrade Sub-Total:			100.0%	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	76,474
Residential Home Energy Check Up Program:																	
163	Schedule 1	91.5%	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	41,220
164	Schedule 1P	2.8%	139	139	139	139	139	139	139	139	139	139	139	139	139	139	1,667
165	Schedule 1T	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	Schedule 1DF	2.7%	98	98	98	98	98	98	98	98	98	98	98	98	98	98	1,178
195	Schedule 2B	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Home Energy Check Up Sub-Total:			100.0%	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	44,065
Residential Duct Sealing Program:																	
163	Schedule 1	98.2%	774	774	774	774	774	774	774	774	774	774	774	774	774	774	9,287
166	Schedule 1DF	1.8%	14	14	14	14	14	14	14	14	14	14	14	14	14	14	166
Residential Duct Sealing Sub-Total:			100.0%	774	774	774	774	774	774	774	774	774	774	774	774	774	9,453
Non-Residential Duct Sealing and Testing Program:																	
168	Schedule 5	48.5%	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	283,029
170	Schedule 5P	5.7%	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	2,770	33,237
176	Schedule 6P	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182	Schedule 7	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183	(Variable Pricing)	23.8%	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	138,650
184	Schedule 30	32.5%	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	6,090	73,078
188	Schedule 42	9.3%	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	4,535	54,425
Non-Residential Duct Sealing and Testing Sub-Total:			100.0%	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	582,419
Non-Residential Energy Audit Program:																	
168	Schedule 5	10.1%	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	75,147
170	Schedule 5P	17.4%	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	427,672
176	Schedule 6P	9.2%	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	5,685	68,216
183	(Variable Pricing)	23.3%	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	173,816
184	Schedule 30	0.0%	20	20	20	20	20	20	20	20	20	20	20	20	20	20	241
188	Schedule 42	0.0%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	198
195	Schedule 2B	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Energy Audit Sub-Total:			100.0%	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	745,290
Total:				132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	1,591,654

NOTES:

1. Net energy savings (kWh) are based on DNV GL's analysis of EM&V data from actual program participants.
2. 2018 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2018 that are accumulated and realized between January 1, 2018 through December 31, 2018.

NC GENERAL RATE CASE; DOCKET E-22, SUB 562

Phase III EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2018 Percentage	2018												2018 Total	
				1	2	3	4	5	6	7	8	9	10	11	12		
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.		
Non-Residential Heating and Cooling Efficiency:																	
168	Schedule 5	55.1%		569	569	5,004	10,739	10,739	10,739	10,739	10,739	10,739	10,739	10,739	10,739	10,739	102,789
170	Schedule 5P	0.2%		25	25	25	25	25	25	25	25	25	25	25	25	25	294
	Schedule 10																
183	(Variable Pricing)	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
184	Schedule 30	16.9%		374	374	374	3,374	3,374	3,374	3,374	3,374	3,374	3,374	3,374	3,374	3,374	31,487
188	Schedule 42	27.8%		4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	51,821
Non-Residential Heating and Cooling Efficiency Sub-Total:			100.0%	5,285	5,285	9,721	18,456	18,456	18,456	18,456	18,456	18,456	18,456	18,456	18,456	18,456	186,391
Non-Residential Lighting Systems and Controls:																	
168	Schedule 5	34.9%		74,162	80,490	87,278	89,210	91,287	95,528	99,419	99,419	99,419	105,840	105,840	211,309	1,239,201	
169	Schedule 5C	0.1%		-	-	-	-	-	-	-	-	-	1,508	1,508	1,508	4,524	
170	Schedule 5P	34.3%		92,705	92,705	103,179	103,179	103,179	103,179	103,179	103,179	103,179	103,179	103,179	103,179	103,179	1,217,201
176	Schedule 6P	10.4%		4,053	25,049	25,049	25,049	25,049	25,049	25,049	25,049	25,049	25,049	25,049	25,049	115,427	369,978
	Schedule 10																
183	(Variable Pricing)	11.0%		12,064	12,064	12,064	12,064	12,064	12,064	53,271	53,271	53,271	53,271	53,271	53,271	392,014	
184	Schedule 30	5.2%		15,444	15,444	15,444	15,444	15,444	15,444	15,444	15,444	15,444	15,444	15,444	15,444	185,322	
188	Schedule 42	3.9%		11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	140,033	
Non-Residential Lighting Systems and Controls Sub-Total:			99.9%	210,103	237,421	254,683	256,616	258,593	262,933	308,032	308,032	308,032	315,961	315,961	511,807	3,548,273	
Non-Residential Window Film:																	
168	Schedule 5	100.0%		-	-	-	-	-	-	-	-	301	301	301	301	1,505	
Non-Residential Window Film Sub-Total:			100.0%	-	-	-	-	-	-	-	-	301	301	301	301	1,505	
Total:				215,358	242,706	284,404	275,071	277,168	281,389	326,437	326,728	326,728	334,717	334,717	530,564	3,736,170	

NOTES:

- Net energy savings (kWh) are based on Dominion's planning attribution assumptions applied to DHVGL's deemed energy savings estimates from actual program participants.
- 2018 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2018 that are accumulated and realized between January 1, 2018 through December 31, 2018.

NC GENERAL RATE CASE; DOCKET E-22, SUB 562

Phase IV EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2018 Percentage	2018												2018 Total	
				1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May	6 Jun.	7 Jul.	8 Aug.	9 Sep.	10 Oct.	11 Nov.	12 Dec.		
Residential Income and Age Qualifying Home Improvement:	163	Schedule 1	99.4%	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	14,370	172,444
	168	Schedule 5	0.6%	89	89	89	89	89	89	89	89	89	89	89	89	89	1,073
Residential Income and Age Qualifying Home Improvement Sub-Total:			100.0%	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	173,518
Total:				14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	14,459	173,518

NOTES:

1. Net energy savings (kWh) are based on Dominion's planning attribution assumptions applied to DNV GL's deemed energy savings estimates from actual program participants.
2. 2018 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2018 that are accumulated and realized between January 1, 2018 through December 31, 2018.

NC GENERAL RATE CASE; DOCKET E-22, SUB 562				2018												2018 Total
Phase V EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2018 Percentage	1	2	3	4	5	6	7	8	9	10	11	12	2018 Total
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
Non-Residential Small Business Improvement	168	Schedule 5	100.0%	12,904	15,867	17,613	20,255	37,805	54,905	63,066	63,066	63,066	88,375	88,375	90,460	615,758
Non-Residential Small Business Improvement Sub-Total:			100.0%	12,904	15,867	17,613	20,255	37,805	54,905	63,066	63,066	63,066	88,375	88,375	90,460	615,758
Residential Retail LED:			100.0%	176,692	224,317	246,250	279,920	298,915	323,349	355,403	394,846	440,594	460,821	525,298	576,111	4,302,517
Residential Retail LED Sub-Total:			100.0%	176,692	224,317	246,250	279,920	298,915	323,349	355,403	394,846	440,594	460,821	525,298	576,111	4,302,517
Total:				189,596	240,185	263,863	300,175	336,720	378,254	418,469	457,912	503,660	549,196	613,673	666,571	4,918,274

NOTES:

1. Net energy savings (kWh) are based on Dominion's planning attribution assumptions applied to DNV GL's deemed energy savings estimates from actual program participants.
2. 2018 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, January 1, 2017 through December 31, 2018 that are accumulated and realized over the same period.

NC GENERAL RATE CASE, DOCKET E-22, SUB 562

Phase VI EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2018 Percentage	2018												2018 Total		
				1 Jan.	2 Feb.	3 Mar.	4 Apr.	5 May	6 Jun.	7 Jul.	8 Aug.	9 Sep.	10 Oct.	11 Nov.	12 Dec.			
Non-Residential Prescriptive																		
	168	Schedule 5	9.8%	-	-	-	-	-	-	-	-	-	-	-	-	684	1,965	2,649
	170	Schedule 5P	67.7%	-	-	-	-	-	-	-	-	-	-	-	-	8,135	10,196	18,330
	183	Schedule 10	22.5%	-	-	-	-	-	-	-	-	-	-	-	-	2,541	3,549	6,090
Non-Residential Prescriptive Sub-Total:			100.0%	-	-	-	-	-	-	-	-	-	-	-	-	11,360	15,709	27,070
Total:				-	-	-	-	-	-	-	-	-	-	-	-	11,360	15,709	27,070

NOTES:

1. Net energy savings (kWh) are based on Dominion's planning attribution assumptions applied to DNV GL's deemed energy savings estimates from actual program participants.
2. 2018 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, January 1, 2018 through December 31, 2018 that are accumulated and realized over the same period.

Date	Weather Conditions °F	Event Trigger	Control Mode	Number of Customers Controlled	Number of Customers Enrolled
18-Jun-18	94	Peak Shaving	AC Units	82,260	87,576
19-Jun-18	97	Peak Shaving	AC Units	82,100	87,472
28-Jun-18	90	Peak Shaving	AC Units	81,901	87,078
29-Jun-18	90	Peak Shaving	AC Units	81,834	87,043
2-Jul-18	95	Peak Shaving	AC Units	81,721	86,967
3-Jul-18	94	Peak Shaving	AC Units	81,608	86,857
5-Jul-18	92	Peak Shaving	AC Units	81,529	86,704
10-Jul-18	92	Peak Shaving	AC Units	81,372	86,470
11-Jul-18	91	Peak Shaving	AC Units	81,331	86,433
16-Jul-18	92	Peak Shaving	AC Units	81,239	86,278
17-Jul-18	90	Peak Shaving	AC Units	81,199	86,229
26-Jul-18	88	Peak Shaving	AC Units	69,381	85,966
27-Jul-18	90	Peak Shaving	AC Units	80,997	85,933
6-Aug-18	88	Peak Shaving	AC Units	80,851	85,718
7-Aug-18	92	Peak Shaving	AC Units	80,807	85,658
8-Aug-18	94	Peak Shaving	AC Units	80,751	85,591
9-Aug-18	89	Peak Shaving	AC Units	80,740	85,547
15-Aug-18	89	Peak Shaving	AC Units	80,674	85,434
16-Aug-18	90	Peak Shaving	AC Units	80,671	85,419
17-Aug-18	92	Peak Shaving	AC Units	80,645	85,419
27-Aug-18	91	Peak Shaving	AC Units	80,541	85,248
28-Aug-18	94	Peak Shaving	AC Units	80,506	85,213
29-Aug-18	94	Peak Shaving	AC Units	80,465	85,169
30-Aug-18	92	Peak Shaving	AC Units	80,448	85,130
4-Sep-18	91	Peak Shaving	AC Units	80,384	85,049
5-Sep-18	91	Peak Shaving	AC Units	80,343	85,014
6-Sep-18	91	Peak Shaving	AC Units	80,314	84,956

1. The "Number of Customers Enrolled" is the count of active participants effective the day of the event, defined as gross participants enrolled in the program less deactivations and removals.

2. The "Number of Customers Controlled" further adjusts the "Number of Customers Enrolled" for specific event date opt-outs, participants not in the dispatch log.

Date	Event Duration (minutes)	Hour Ending	kW Demand Requested	kW Demand Reductions Observed
18-Jun-18	180	19:00	50,357	50,357
19-Jun-18	180	17:00	53,382	53,382
28-Jun-18	120	18:00	43,907	43,907
29-Jun-18	180	18:00	40,758	40,758
2-Jul-18	180	18:00	53,136	53,136
3-Jul-18	180	18:00	53,063	53,063
5-Jul-18	180	18:00	46,809	46,809
10-Jul-18	120	18:00	40,528	40,528
11-Jul-18	180	18:00	37,414	37,414
16-Jul-18	180	18:00	49,732	49,732
17-Jul-18	120	16:00	46,619	46,619
26-Jul-18	180	18:00	37,195	37,195
27-Jul-18	180	18:00	46,503	46,503
6-Aug-18	180	18:00	43,344	43,344
7-Aug-18	180	18:00	49,468	49,468
8-Aug-18	180	18:00	49,434	49,434
9-Aug-18	180	18:00	40,213	40,213
15-Aug-18	120	18:00	40,180	40,180
16-Aug-18	180	18:00	43,247	43,247
17-Aug-18	180	17:00	49,369	49,369
27-Aug-18	180	19:00	49,305	49,305
28-Aug-18	180	18:00	43,159	43,159
29-Aug-18	180	18:00	52,319	52,319
30-Aug-18	120	17:00	46,188	46,188
4-Sep-18	180	18:00	49,209	49,209
5-Sep-18	180	18:00	43,071	43,071
6-Sep-18	120	17:00	46,111	46,111

* confidential pages
Filed under seal.
KTM

I/A

Company Exhibit AJM-1
Schedule 1
Page 1 of 6

**Dominion Energy North Carolina
Docket No. E-22, Sub 577
Projected Revenue Requirement for DSM/EE Rider C
For the Rate Period February 1, 2020 - January 31, 2021**

<u>line no.</u>	<u>Rider C</u>	<u>Item Location / Formula</u>
1 Projected Operating Expense Revenue Requirement	\$ 2,970,724	Sch 1, Page 3, Line 5
2 Projected Capital Costs Revenue Requirement	\$ 134,225	Sch 1, Page 3, Line 6 + Line 7 + Line 8 + Line 9
3 Projected Net Lost Revenues	\$ -	Sch 1, Page 3, Line 10
4 Projected Program Performance Incentive Revenue Requirement	\$ <u>365,331</u>	Sch 1, Page 3, Line 11
5 Total Revenue Requirement	\$ 3,470,280	Line 1 + Line 2 + Line 3 + Line 4



Dominion Energy North Carolina
Docket No. E-22, Sub 577
Revenue Requirement for DSM&E Rider C
Projected Rate Base Cost For the Period June 1, 2019 - January 31, 2021

Company Exhibit A.1.1.1
 Schedule 1
 Page 4 of 4

Line	Account	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue		
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036		
1	System Level Annual Fuel to Service	\$ 18,324,488	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2	Projected Capital Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Consolidated Cost Fuel (Line 1 + Line 2)	\$ 18,324,488	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
4	Monthly Depreciation Investment	0.9807%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	0.9809%	
5	Projected System Inventory Depreciation Expense (Line 3 + Line 4)	\$ 183,244,880	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
6	Actual/Projected System Level of Accumulated Depreciation	\$ 6,800,790	\$ 6,786,627	\$ 6,820,901	\$ 6,845,571	\$ 6,849,402	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	\$ 6,849,401	
7	Actual/Projected (Overhead) Net Plant (Line 5 - Line 6)	\$ 179,022,719	\$ 14,500,275	\$ 11,023,305	\$ 10,872,298	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998	\$ 10,911,998
8	Actual/Projected Accumulated Deferred Income Tax	\$ 12,218,186	\$ 2,186,201	\$ 2,124,851	\$ 2,121,189	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	\$ 2,146,879	
9	Monthly Accumulated Net Plant (Line 7 + Line 8)	\$ 69,743,511	\$ 6,671,215	\$ 6,866,481	\$ 6,864,311	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	\$ 4,002,098	
10	Actual/Projected Annual Fuel	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	\$ 9,048,115	
11	Actual/Projected Annual Fuel (Line 9 + Line 10)	\$ 19,171,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	
12	Actual/Projected Annual Fuel (Line 11 + Line 12)	\$ 38,343,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	\$ 36,235,554	
13	Cost of Capital	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	
14	Net Generation Income	\$ 191,717,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	\$ 18,117,777	
15	at Expense 110																				
16	Requirements - Internal Expense on Debt																				
17	at Expense 110																				
18	North Carolina Substantiated Income Tax Chargeup Factor																				
19	20 Revenue Requirement - Common Equity Including Income Taxes	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	
20	21 Revenue Requirement on Rate Base (Line 17 + Line 18)	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	
21	Revenue Requirement on Rate Base (Line 17 + Line 18)	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	\$ 3,899	

* Revenue Expense Deferred Income Tax Balance

For Collection During the Rate Period February 1, 2020 - January 31, 2021

Cost of Capital and Capital Structure (000s)
As of June 30, 2019

line
no.

Description	Average Capitalization	Average Capitalization Ratio	Average Embedded Cost%	Overall Cost Rate
1 Total Long-Term Debt	\$11,302,846	46.653%	4.441%	2.072%
2 Total Preferred Stock	\$0	0.000%	0.000%	0.000%
3 Common Equity	\$12,924,646	53.347%	9.900%	5.281%
4 Total	<u>\$24,227,492</u>	<u>100.000%</u>		<u>7.353%</u>

Dominion Energy North Carolina
Docket No. E-22, Sub 577
DSM/EE Experience Modification Factor (Rider CE) for the Test Period January 1, 2018 through December 31, 2018
For (Refund)/Recovery in the Rate Period February 1, 2020 - January 31, 2021

Company Exhibit AJM-1
Schedule 2
Page 1 of 7

line no.	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Rider CE Total
1 Monthly Revenue Requirement (Page 3; Line 13)	\$ 233,522	\$ 331,569	\$ 304,371	\$ 240,680	\$ 278,025	\$ 342,630	\$ 377,621	\$ 365,502	\$ 311,466	\$ 502,976	\$ 298,023	\$ 409,486	\$ 3,985,871
2 Less: Portion Related to Utility Incentives (Page 3, Lines 10 & 11)	\$ (57,447)	\$ (62,640)	\$ (65,571)	\$ (68,296)	\$ (70,897)	\$ (79,491)	\$ (87,365)	\$ (90,632)	\$ (84,477)	\$ (87,962)	\$ (84,739)	\$ (111,221)	\$ (970,637)
3 Monthly Revenue Requirement Net of Incentives (Line 1 + Line 2)	\$ 176,075	\$ 269,030	\$ 238,800	\$ 172,384	\$ 207,128	\$ 263,139	\$ 290,256	\$ 274,871	\$ 226,989	\$ 415,014	\$ 213,285	\$ 298,265	\$ 3,015,234
4 Monthly Rider C Revenues	\$ 400,621	\$ 257,248	\$ 252,228	\$ 238,027	\$ 239,862	\$ 303,265	\$ 348,882	\$ 293,685	\$ 354,527	\$ 230,152	\$ 300,088	\$ 279,404	\$ 3,495,984
5 Less: Portion Related to Utility Incentives (Rev Req in Previous Rider C Filings)	\$ (35,466)	\$ (22,773)	\$ (22,329)	\$ (21,072)	\$ (21,234)	\$ (26,847)	\$ (30,708)	\$ (25,999)	\$ (31,385)	\$ (20,375)	\$ (26,566)	\$ (24,725)	\$ (309,488)
6 Monthly Rider C Revenues Net of Incentives (Line 4 + Line 5)	\$ 365,155	\$ 234,475	\$ 229,897	\$ 216,955	\$ 218,628	\$ 276,418	\$ 318,174	\$ 267,686	\$ 323,142	\$ 209,778	\$ 273,522	\$ 254,679	\$ 3,186,496
7 Monthly (Over)/Under Recovery Before Carrying Costs (Line 1 - Line 4)	\$ (167,099)	\$ 74,321	\$ 62,145	\$ 2,653	\$ 38,163	\$ 39,366	\$ 30,739	\$ 71,817	\$ (43,091)	\$ 272,824	\$ (12,053)	\$ 130,061	\$ 489,887
8 Monthly (Over)/Under Recovery Excluding Utility Incentives (Line 3 - Line 6)	\$ (189,080)	\$ 34,555	\$ 8,903	\$ (44,572)	\$ (11,500)	\$ (13,279)	\$ (25,918)	\$ 7,185	\$ (108,153)	\$ 205,236	\$ (80,236)	\$ 43,595	\$ (171,263)
9 Deferred Income Tax	\$ (48,448)	\$ 8,854	\$ 2,281	\$ (11,420)	\$ (2,947)	\$ (3,402)	\$ (6,641)	\$ 1,841	\$ (27,199)	\$ 52,587	\$ (20,559)	\$ 11,170	\$ (43,682)
10 Net Monthly (Over)/Under Recovery Net of ADIT and Incentives (Line 8 - Line 9)	\$ (140,632)	\$ 25,701	\$ 6,622	\$ (33,151)	\$ (8,533)	\$ (9,876)	\$ (19,277)	\$ 5,344	\$ (76,954)	\$ 152,649	\$ (59,677)	\$ 32,425	\$ (127,380)
11 Cumulative Net Monthly (Over)/Under Recovery (Net of Incentives)	\$ (140,632)	\$ (114,931)	\$ (108,310)	\$ (141,481)	\$ (150,014)	\$ (159,890)	\$ (178,167)	\$ (173,824)	\$ (252,777)	\$ (100,128)	\$ (159,805)	\$ (127,380)	
12 Two Month Average Cumulative Net (Over)/Under Recovery (Net of Incentives)	\$ (70,316)	\$ (127,782)	\$ (111,621)	\$ (124,885)	\$ (145,737)	\$ (154,952)	\$ (169,529)	\$ (176,495)	\$ (213,300)	\$ (176,453)	\$ (129,967)	\$ (143,593)	
13 Carrying Cost on Cumulative (Over)/Under Recovery [1]	\$ (535)	\$ (972)	\$ (849)	\$ (950)	\$ (1,109)	\$ (1,179)	\$ (1,290)	\$ (1,343)	\$ (1,623)	\$ (1,343)	\$ (989)	\$ (1,093)	\$ (13,276)
14 DSM EE/EMF to be (refunded)/collected during the Rate Period (Line 7 + Line 13)	\$ (167,634)	\$ 73,349	\$ 61,296	\$ 1,703	\$ 37,054	\$ 38,186	\$ 29,448	\$ 70,474	\$ (44,984)	\$ 271,481	\$ (13,052)	\$ 128,988	\$ 476,612
Revenue Requirement for Financing Costs on Current Rider CE (Over) Recovery Net of Utility Incentives and ADIT for Jan 2018 - Dec 2018 (Page 6, Line 5)													\$ (12,602)
Total DSM EE EMF Rider CE Revenue Requirement to be (Refunded)/Collected over the February 1, 2020 - January 31, 2021 Rate Year													\$ 464,010

[1] Pre-tax Overall Weighted Rate of Return Jan - Oct, Approved in Docket No. E-22, Sub 479. Nov and Dec Approved in Docket No. E-22, Sub 532.

Dominion Energy North Carolina
Docket No. E-22, Sub 577
Rate Base Costs For the Test Period January 1, 2018 - December 31, 2018

Company Exhibit A.M-1
Schedule 2
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line no.	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18
1 System Level Plant In Service Air Conditioner Cycling Program	\$ 19,454,944	\$ 19,469,044	\$ 19,488,469	\$ 19,488,369	\$ 19,492,969	\$ 19,505,569	\$ 19,514,644	\$ 19,529,119	\$ 19,549,989	\$ 19,554,894	\$ 19,561,144	\$ 19,575,394	\$ 19,590,319
2 System Depreciation Expense Air Conditioner Cycling Program	\$ 115,919	\$ 116,003	\$ 116,119	\$ 116,107	\$ 116,146	\$ 116,221	\$ 116,275	\$ 116,361	\$ 116,485	\$ 116,389	\$ 116,359	\$ 116,446	\$ 116,450
3 System Accumulated Depreciation Air Conditioner Cycling Program	\$ 6,499,627	\$ 6,612,630	\$ 6,728,749	\$ 6,844,858	\$ 6,961,002	\$ 7,077,223	\$ 7,193,498	\$ 7,309,859	\$ 7,426,344	\$ 7,542,733	\$ 7,659,133	\$ 7,775,579	\$ 7,892,029
4 Cumulative System Net Plant (Line 1 - Line 3) Air Conditioner Cycling Program	\$ 12,958,317	\$ 12,856,414	\$ 12,759,720	\$ 12,641,513	\$ 12,531,967	\$ 12,428,346	\$ 12,321,145	\$ 12,219,260	\$ 12,123,625	\$ 12,011,961	\$ 11,902,011	\$ 11,799,515	\$ 11,698,290
5 System Accumulated Deferred Income Tax Air Conditioner Cycling Program	\$ (2,782,760)	\$ (2,751,337)	\$ (2,720,469)	\$ (2,689,602)	\$ (2,658,734)	\$ (2,627,857)	\$ (2,596,999)	\$ (2,566,132)	\$ (2,535,264)	\$ (2,504,397)	\$ (2,473,530)	\$ (2,442,662)	\$ (2,411,797)
6 Monthly Rate Base System (Line 4 + Line 5) Air Conditioner Cycling Program	\$ 10,175,557	\$ 10,105,077	\$ 10,039,251	\$ 9,951,911	\$ 9,873,233	\$ 9,800,479	\$ 9,724,147	\$ 9,653,128	\$ 9,588,361	\$ 9,507,564	\$ 9,428,461	\$ 9,357,153	\$ 9,266,493
7 Jurisdictional Allocation Factor Air Conditioner Cycling Program	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%	5.8046%
8 North Carolina Rate Base (Line 6 x Line 7) Air Conditioner Cycling Program	\$ 590,650	\$ 588,559	\$ 582,738	\$ 577,669	\$ 573,102	\$ 568,879	\$ 564,448	\$ 560,325	\$ 556,566	\$ 551,676	\$ 547,206	\$ 543,145	\$ 539,044
9 North Carolina Rate Base (2 month average)	\$ 588,605	\$ 584,649	\$ 580,203	\$ 575,385	\$ 570,990	\$ 566,663	\$ 562,387	\$ 558,446	\$ 554,221	\$ 549,581	\$ 545,215	\$ 541,095	
10 Cost of Capital (Page 7, Line 4/12)		0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%	0.6129%
Operating Income (Line 9 * Line 10)	\$ 3,608	\$ 3,583	\$ 3,558	\$ 3,527	\$ 3,500	\$ 3,473	\$ 3,447	\$ 3,423	\$ 3,423	\$ 3,397	\$ 3,368	\$ 3,342	\$ 3,316
Interest Expense LTD Weighted Cost of Debt (Page 7, Line 1/12) Rate Base (2 Month Average = Line 9)	\$ 588,605	\$ 584,649	\$ 580,203	\$ 575,385	\$ 570,990	\$ 566,663	\$ 562,387	\$ 558,446	\$ 554,221	\$ 549,581	\$ 545,215	\$ 541,095	
14 Revenue Requirement - Interest Expense on Debt	\$ 1,025	\$ 1,018	\$ 1,011	\$ 1,002	\$ 995	\$ 987	\$ 980	\$ 973	\$ 965	\$ 957	\$ 950	\$ 943	\$ 935
15 Net Income Related to Common Equity (Line 11 - Line 14)	\$ 2,582	\$ 2,565	\$ 2,540	\$ 2,524	\$ 2,505	\$ 2,488	\$ 2,468	\$ 2,447	\$ 2,450	\$ 2,432	\$ 2,411	\$ 2,483	\$ 2,464
16 North Carolina Jurisdictional Income Tax Gross-up Factor	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%
17 Revenue Requirement - Common Equity Including Income Taxes	\$ 3,472	\$ 3,449	\$ 3,422	\$ 3,394	\$ 3,368	\$ 3,343	\$ 3,317	\$ 3,294	\$ 3,269	\$ 3,242	\$ 3,215	\$ 3,339	\$ 3,313
18 Revenue Requirement on Rate Base (Line 14 + Line 17)	\$ 4,497	\$ 4,467	\$ 4,433	\$ 4,398	\$ 4,363	\$ 4,330	\$ 4,297	\$ 4,267	\$ 4,234	\$ 4,199	\$ 4,197	\$ 4,197	\$ 4,165

Dominion Energy North Carolina
Docket No. E-22, Sub 577
Actual Net Lost Revenues
For the Test Period January 1, 2018 - December 31, 2018

Company Exhibit A/JM-1
 Schedule 2
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line no.	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	Total Test Period
1 Jurisdictional Energy Reductions (kWh)													
Residential Lighting Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Low Income Program (NC Only)	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Lighting Program (NC Trailing EMV Costs Only)	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Tune-up Program	11,183	11,183	11,183	11,183	11,183	11,183	11,183	11,183	11,183	11,183	11,183	11,183	133,953
Residential Heat Pump Upgrade Program	8,373	8,373	8,373	8,373	8,373	8,373	8,373	8,373	8,373	8,373	8,373	8,373	78,474
Residential Duct Testing & Sealing Program	774	774	774	774	774	774	774	774	774	774	774	774	9,287
Residential Home Energy Check-up Program	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	44,065
Non-Residential Duct Testing & Sealing Program	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	582,419
Non-Residential Energy Audit Program	82,107	82,107	82,107	82,107	82,107	82,107	82,107	82,107	82,107	82,107	82,107	82,107	745,290
Non-Residential Lighting Systems and Controls	210,103	237,421	254,689	256,616	259,993	262,933	308,032	308,032	308,032	315,961	315,961	315,961	3,548,273
Non-Residential Heating & Cooling Efficiency	5,255	5,255	5,255	5,255	5,255	5,255	5,255	5,255	5,255	5,255	5,255	5,255	106,391
Non-Residential Window Film	14,460	14,460	14,460	14,460	14,460	14,460	14,460	14,460	14,460	14,460	14,460	14,460	1,505
Residential Income & Age Qualifying Home Improvement Program	12,904	15,857	17,813	20,255	37,805	54,905	63,066	63,066	63,066	63,066	63,066	63,066	615,756
Residential LED	178,692	224,317	243,250	279,820	298,815	323,349	355,403	384,846	440,594	490,821	625,288	678,111	4,302,517
Non Residential Prescriptive	-	-	-	-	-	-	-	-	-	-	-	-	15,709
2 Billing Rate													
Residential Lighting Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Low Income Program (NC Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial Lighting Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Tune-up Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Upgrade Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Duct Testing & Sealing Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Home Energy Check-up Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Duct Testing & Sealing Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Energy Audit Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Lighting Systems and Controls	\$ 0.07577	\$ 0.07354	\$ 0.07319	\$ 0.07479	\$ 0.07219	\$ 0.07421	\$ 0.07731	\$ 0.07748	\$ 0.07691	\$ 0.06821	\$ 0.07284	\$ 0.06955	\$ 0.04778
Non-Residential Heating & Cooling Efficiency	\$ 0.05745	\$ 0.05467	\$ 0.05155	\$ 0.05078	\$ 0.05033	\$ 0.05580	\$ 0.07920	\$ 0.07363	\$ 0.07389	\$ 0.04903	\$ 0.04730	\$ 0.04778	\$ 0.04778
Non-Residential Window Film	\$ 0.05312	\$ 0.05324	\$ 0.05483	\$ 0.05153	\$ 0.05305	\$ 0.05843	\$ 0.05911	\$ 0.05981	\$ 0.05883	\$ 0.05330	\$ 0.05927	\$ 0.05248	\$ 0.05248
Residential Income & Age Qualifying Home Improvement Program	\$ 0.07169	\$ 0.07063	\$ 0.07091	\$ 0.07032	\$ 0.07058	\$ 0.06847	\$ 0.06878	\$ 0.06847	\$ 0.06847	\$ 0.07062	\$ 0.07091	\$ 0.07093	\$ 0.07093
Commercial Small Business Improvement	\$ 0.05770	\$ 0.05912	\$ 0.05946	\$ 0.05755	\$ 0.05800	\$ 0.06254	\$ 0.06157	\$ 0.06248	\$ 0.06135	\$ 0.05633	\$ 0.05778	\$ 0.05788	\$ 0.05788
Residential LED	\$ 0.07051	\$ 0.07057	\$ 0.07057	\$ 0.07056	\$ 0.07054	\$ 0.08459	\$ 0.09456	\$ 0.08459	\$ 0.08456	\$ 0.07051	\$ 0.07056	\$ 0.07055	\$ 0.07055
Non Residential Prescriptive	\$ 0.06760	\$ 0.06638	\$ 0.06765	\$ 0.06684	\$ 0.06497	\$ 0.06580	\$ 0.06953	\$ 0.06915	\$ 0.06915	\$ 0.06389	\$ 0.06485	\$ 0.06296	\$ 0.06296
3 Additional Lost Revenues (Line 1 x Line 2)													
Residential Lighting Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Low Income Program (NC Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial Lighting Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Tune-up Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Upgrade Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Duct Testing & Sealing Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Home Energy Check-up Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Duct Testing & Sealing Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Energy Audit Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Residential Lighting Systems and Controls	\$ 15,919	\$ 17,450	\$ 18,630	\$ 18,420	\$ 18,875	\$ 19,512	\$ 23,814	\$ 23,660	\$ 23,660	\$ 21,552	\$ 22,651	\$ 22,651	\$ 280,058
Non-Residential Heating & Cooling Efficiency	\$ 304	\$ 288	\$ 501	\$ 927	\$ 929	\$ 1,026	\$ 1,462	\$ 1,359	\$ 1,474	\$ 905	\$ 873	\$ 882	\$ 10,938
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 1,022	\$ 1,021	\$ 1,021	\$ 1,021	\$ 1,021	\$ 1,223	\$ 1,223	\$ 1,223	\$ 1,223	\$ 1,021	\$ 1,021	\$ 1,022	\$ 13,071
Commercial Small Business Improvement	\$ 745	\$ 938	\$ 1,047	\$ 1,165	\$ 2,195	\$ 3,434	\$ 3,889	\$ 3,940	\$ 3,899	\$ 4,903	\$ 5,105	\$ 5,223	\$ 38,554
Residential LED	\$ 12,459	\$ 15,827	\$ 17,376	\$ 19,751	\$ 21,085	\$ 27,352	\$ 30,953	\$ 33,400	\$ 37,257	\$ 32,492	\$ 37,065	\$ 40,845	\$ 324,787
Non Residential Prescriptive	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,728
4 Variable O&M Savings	\$ (15)	\$ (8)	\$ (18)	\$ (11)	\$ (21)	\$ (76)	\$ (81)	\$ (169)	\$ (58)	\$ (20)	\$ (55)	\$ (188)	\$ (732)
5 Found Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Net Lost Revenues (Line 3 + Line 4 - Line 5)													
Residential Lighting Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Low Income Program (NC Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial Lighting Program (NC Trailing EMV Costs Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Tune-up Program	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)	\$ (8)
Residential Heat Pump Upgrade Program	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)
Residential Duct Testing & Sealing Program	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)
Residential Home Energy Check-up Program	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)
Non-Residential Duct Testing & Sealing Program	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)
Non-Residential Energy Audit Program	\$ (2)	\$ (1)	\$ (2)	\$ (1)	\$ (2)	\$ (8)	\$ (6)	\$ (13)	\$ (2)	\$ (1)	\$ (3)	\$ (5)	\$ (47)
Non-Residential Lighting Systems and Controls	\$ 15,914	\$ 17,457	\$ 18,623	\$ 18,418	\$ 18,869	\$ 19,498	\$ 23,782	\$ 23,604	\$ 23,648	\$ 21,546	\$ 22,635	\$ 22,635	\$ 280,006
Non-Residential Heating & Cooling Efficiency	\$ 303	\$ 288	\$ 501	\$ 927	\$ 929	\$ 1,024	\$ 1,460	\$ 1,355	\$ 1,474	\$ 903	\$ 872	\$ 879	\$ 10,925
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 1,022	\$ 1,021	\$ 1,021	\$ 1,021	\$ 1,020	\$ 1,224	\$ 1,224	\$ 1,222	\$ 1,223	\$ 1,021	\$ 1,020	\$ 1,020	\$ 13,060
Commercial Small Business Improvement	\$ 745	\$ 938	\$ 1,047	\$ 1,165	\$ 2,195	\$ 3,434	\$ 3,889	\$ 3,829	\$ 3,867	\$ 4,902	\$ 5,100	\$ 5,223	\$ 38,508
Residential LED	\$ 12,454	\$ 15,827	\$ 17,371	\$ 19,747	\$ 21,077	\$ 27,322	\$ 30,916	\$ 33,320	\$ 37,240	\$ 32,493	\$ 37,039	\$ 40,845	\$ 324,411
Non Residential Prescriptive	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,723
Total Lost Revenues All Programs	\$ 30,434	\$ 35,527	\$ 38,559	\$ 41,284	\$ 43,885	\$ 52,470	\$ 60,352	\$ 63,518	\$ 67,465	\$ 60,950	\$ 67,726	\$ 84,209	\$ 646,489

Dominion Energy North Carolina
Docket No. E-22, Sub 577

Company Exhibit AJM-1
Schedule 2
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Refund of Financing Costs on Current Rider CE EMF Over-Recovery Over the Period of January 2018 - December 2018
To Be Refunded Over the Rate Period February 1, 2020 - January 31, 2021

line no.		
1	Test Period (Over)/Under Recovery - Net of Utility Incentives (Net of ADIT), R8-69(b)(6) (Schedule 2, Page 1, Line 10)	<u>\$ (127,381)</u>
2	Overall Cost of Capital Approved in Docket No. E-22, Sub 479 Grossed Up for Taxes	<u>9.13%</u>
3	Monthly Interest Rate (Line 2/12)	<u>0.7610%</u>
4	Number of Months Refund is Outstanding (January 2019 - January 2020)	<u>13</u>
5	Interest to be Paid on Test Period (Over) Recovery Net of ADIT	<u>\$ (12,602)</u>

VIRGINIA ELECTRIC AND POWER COMPANY
Cost of Capital and Capital Structure
13-Month Average
As of December 31, 2018

line no.	Description	Average Capitalization	Average Capitalization Ratio	Average Embedded Cost%	Overall Cost Rate
1	Total Long-Term Debt	11,104,493	46.821%	4.4642%	2.090%
2	Total Preferred Stock	0	0.000%	0.0000%	0.000%
3	Common Equity	12,612,372	53.179%	9.9000%	5.265%
4	Total	<u>\$23,716,865</u>	<u>100.000%</u>		<u>7.355%</u>

file: To Rates Summary ADIT AC Cycling Pro Rata 2019 Filing 8.2.2019

Virginia Power
Estimated ADIT
Dec 2017 - Jan 2020

Year	Month	ADIT
2017	Dec	(2,782,760)
2018	Jan	(2,751,337)
2018	Feb	(2,720,469)
2018	Mar	(2,689,602)
2018	Apr	(2,658,734)
2018	May	(2,627,867)
2018	Jun	(2,596,999)
2018	Jul	(2,566,132)
2018	Aug	(2,535,264)
2018	Sep	(2,504,397)
2018	Oct	(2,473,530)
2018	Nov	(2,442,662)
2018	Dec	(2,411,797)
2019	Jan	(2,376,520)
2019	Feb	(2,344,853)
2019	Mar	(2,313,188)
2019	Apr	(2,281,520)
2019	May	(2,249,854)
2019	Jun	(2,218,188)
2019	Jul	(2,186,520)
2019	Aug	(2,154,854)
2019	Sep	(2,123,188)
2019	Oct	(2,146,879)
2019	Nov	(2,115,213)
2019	Dec	(2,083,546)
2020	Jan	(2,051,226)
2020	Feb	(2,021,237)
2020	Mar	(1,993,827)
2020	Apr	(1,968,913)
2020	May	(1,946,580)
2020	Jun	(1,926,742)
2020	Jul	(1,909,484)
2020	Aug	(1,894,805)
2020	Sep	(1,882,624)
2020	Oct	(1,873,022)
2020	Nov	(1,865,916)
2020	Dec	(1,861,390)
2021	Jan	(1,859,407)

**Virginia Power
State Apportionment
2018**

		<u>Non Current Def</u>
NC	0.03687300	
Current	2.500000%	
Def Current	2.500000%	
Non Current	2.500000%	
	0.092183%	0.00092183
WV	0.02278800	
Current	6.500000%	
Def Current	6.500000%	
Non Current	6.500000%	
	0.148122%	0.00148122
VA	0.93523000	
Current	6.000000%	
Def Current	6.000000%	
Non Current	6.000000%	0.05611380
DC	0.00000000	
Current	8.250000%	
Def Current	8.250000%	
Non Current	8.250000%	0.00000000
	State Rate	0.05851685
	State Tax Effected	0.04622831
	Federal Rate	0.21000000
	Transactional Rate	0.25622831

Dominion Energy North Carolina
Docket No. E-22, Sub 577
Monthly Revenues - Rider C
For the Test Period January 1, 2018 - December 31, 2018

<u>Revenue Class</u>	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>2018 Totals</u>
Residential	\$ 242,210	\$ 150,188	\$ 125,242	\$ 128,467	\$ 123,943	\$ 160,263	\$ 194,320	\$ 187,497	\$ 160,490	\$ 130,324	\$ 129,174	\$ 165,044	\$ 1,897,162
Commercial	\$ 84,572	\$ 78,817	\$ 83,798	\$ 76,015	\$ 90,808	\$ 99,948	\$ 109,175	\$ 114,187	\$ 106,067	\$ 102,262	\$ 82,658	\$ 84,049	\$ 1,111,353
Industrial	\$ 57,797	\$ 13,583	\$ 27,236	\$ 21,365	\$ 9,711	\$ 26,786	\$ 28,255	\$ (25,937)	\$ 71,056	\$ (18,831)	\$ 75,442	\$ 17,028	\$ 303,501
COV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Co/Muni	\$ 16,041	\$ 14,660	\$ 15,951	\$ 12,180	\$ 15,401	\$ 16,257	\$ 16,132	\$ 17,938	\$ 18,914	\$ 16,397	\$ 12,812	\$ 13,283	\$ 183,968
St & Traffic (COVA)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue by Month	\$ 400,621	\$ 257,248	\$ 252,226	\$ 238,027	\$ 239,852	\$ 303,265	\$ 346,882	\$ 293,685	\$ 354,527	\$ 230,152	\$ 300,086	\$ 279,404	\$ 3,495,984

* confidential pages
 Sealed under seal.
 KMM

I/A

DOMINION ENERGY NORTH CAROLINA
 ASSIGNMENT AND ALLOCATION OF COSTS TO NORTH CAROLINA JURISDICTION
 DOCKET NO. E-22, SUB 577

Company Exhibit REM-1
 Schedule 1
 Page 1 of 4

Basis for Determining Cost for North Carolina Jurisdiction

<u>Line</u>	<u>Name of System Program</u>	<u>Program Category</u>	<u>Assignment</u>	<u>Allocation to NC Juris</u>	<u>If Allocated, Allocation Factor</u>
North Carolina Programs (2)					
1	Air Conditioner Cycling Program	Peak-Clipping		X	ICP
2	Residential Income and Age Qualifying Home Improvement Program	Energy Efficiency		X	Energy
3	Qualifying Small Business Improvement Program	Energy Efficiency		X	Energy
4	Residential LED Lighting - NC Only	Energy Efficiency	X		
5	Non-Residential Prescriptive Program	Energy Efficiency		X	Energy
6	Residential Appliance Recycling Program	Energy Efficiency		X	Energy
7	Residential Efficient Products Marketplace Program	Energy Efficiency		X	Energy
8	Residential Home Energy Assessment Program	Energy Efficiency		X	Energy
9	Non-Residential Lighting Systems & Controls Program	Energy Efficiency		X	Energy
10	Non-Residential Heating & Cooling Efficiency Program	Energy Efficiency		X	Energy
11	Non-Residential Window Film Program	Energy Efficiency		X	Energy
12	Non-Residential Small Manufacturing Program	Energy Efficiency		X	Energy
13	Non-Residential Office Program	Energy Efficiency		X	Energy
14	Non-North Carolina Programs (3)	Non-North Carolina Programs			
15	Common Costs	All Programs	X (1)	X (1)	Σ Prog Cost \$ Σ Sys Prog Cost \$

Notes

- 1) Allocation of System-level Common Costs to each Program on the basis of individual Program Costs to System Program Costs. All common costs for NC-only programs are assigned to NC.
- 2) For the projected rate period, refer to Company Exhibit AJM-1, Rider C, Schedule 1, Page 2, Line 4.
- 3) For the projected rate period, refer to Company Exhibit JEB-1, Schedule 4, Page 1

DOMINION ENERGY NORTH CAROLINA
JURISDICTIONAL ALLOCATION FACTORS
FOR THE PROJECTED RATE PERIOD FOR RIDER C AND RIDER CE
TWELVE MONTHS ENDED DECEMBER 31, 2018
DOCKET NO. E-22, SUB 577

Company Exhibit REM-1
 schedule 1
 page 4 of 4

Dominion Energy North Carolina
Year ending December 31, 2018
1CP Methodology - 4 Jurisdiction

NC DSM FACTOR

	<u>Total DOM Zone</u>	<u>VA Juris</u>	<u>VA Non-Juris</u>	<u>FERC</u>	<u>NC Juris</u>
(1) CP (kW) loads at time of DOM Zone Peak (NSPL)	18,059,584	15,164,029	1,574,418	385,220	935,916
(2) Less Non-participating Contract Classes and Exempt/Opt-out MS Customers	1,935,853	0	1,550,633	385,220	0
(3) Adjusted CP loads	16,123,731	15,164,029	23,785	0	935,916
(4) NC DSM FACTOR	100.0000%	94.0479%	0.1475%	0.0000%	5.8046%

NC EE FACTOR

	<u>Total DOM Zone</u>	<u>VA Juris</u>	<u>VA Non-Juris</u>	<u>FERC</u>	<u>NC Juris</u>
(1) Annual Energy (MWh)	91,495,232	71,920,962	12,258,874	2,736,338	4,579,058
(2) Less Non-participating Contract Classes and Exempt/Opt-out MS Customers	14,817,718	0	12,081,380	2,736,338	0
(3) Adjusted energy	76,677,514	71,920,962	177,494	0	4,579,058
(4) NC DSM FACTOR	100.0000%	93.7967%	0.2315%	0.0000%	5.9718%

DOMINION ENERGY NORTH CAROLINA
ALLOCATION FACTORS FOR THE COSTS OF THE APPROVED DSM PROGRAMS TO THE CUSTOMER CLASSES
DOCKET NO. E-22, SUB 577

Company Exhibit REM-1
Schedule 2
Page 1 of 2

<u>Line</u>	<u>Name of Program</u>	<u>Program Category</u>	<u>Total Rider Revenue Requirement</u> <u>Customer Class Assignment or Allocation Factor</u>	
1	Air Conditioner Cycling Program	Peak-Clipping	Assigned - Residential Class	
2	Residential Income and Age Qualifying Home Improvement Pro	Energy Efficiency	Assigned - Residential Class	
3	Qualifying Small Business Improvement Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
4	Residential LED Lighting - NC Only	Energy Efficiency	Assigned - Residential Class	
5	Non-Residential Prescriptive Program	Energy Efficiency	Assigned - Residential Class	
6	Residential Appliance Recycling Program	Energy Efficiency	Assigned - Residential Class	
7	Residential Efficient Products Marketplace Program	Energy Efficiency	Assigned - Residential Class	
8	Residential Home Energy Assessment Program	Energy Efficiency	Assigned - Residential Class	
9	Non-Residential Lighting Systems & Controls Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
10	Non-Residential Heating & Cooling Efficiency Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
11	Non-Residential Window Film Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
12	Non-Residential Small Manufacturing Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
13	Non-Residential Office Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)

Note

1) Energy Allocation Factor for Test Year is Adjusted for Opt-Out customers and for customer classes not participating in the program (Residential, Street and Outdoor Lights, Traffic Lights). Allocation Factors are calculated in Company Exhibit REM-1, Schedule 2, Page 2 for the EMF true-up and for the Projected Rate Period.

DOMINION ENERGY NORTH CAROLINA
 FOR THE PROJECTED RATE PERIOD FOR RIDER C AND RIDER CE
 ADJUSTED FOR OPT - OUT CUSTOMERS AND CUSTOMER CLASSES NOT PARTICIPATING IN PROGRAMS
 TWELVE MONTHS ENDED DECEMBER 31, 2018
 DOCKET NO. E-22, SUB 577

Company Exhibit REM-1
 Schedule 2
 Page 2 of 2

Dominion Energy North Carolina

Year ending December 31, 2018

1CP Methodology (NSPL) NC Class

NC DSM FACTOR

	<u>Total NC Class</u>	<u>Residential</u>	<u>SGS</u>	<u>LGS</u>	<u>6VP</u>	<u>Schedule NS</u>	<u>ST & Outdoor Lighting</u>	<u>Traffic Lighting</u>
(1) CP (kW) loads at time of DOM Zone Peak (NSPL)	935,916	670,355	136,647	63,415	27,528	37,906	0	64
(2) Less Opt-out customers and directly assigned classes	771,448	670,355	940	34,652	27,528	37,906	0	64
(3) Adjusted CP loads	164,471	0	135,708	28,763	0	0	0	0
(4) Factor 1 NC DSM	100.0000%	0.0000%	82.5118%	17.4882%	0.0000%	0.0000%	0.0000%	0.0000%

NC EE FACTOR

	<u>Total NC Class</u>	<u>Residential</u>	<u>SGS</u>	<u>LGS</u>	<u>6VP</u>	<u>Schedule NS</u>	<u>ST & Outdoor Lighting</u>	<u>Traffic Lighting</u>
(1) Annual Energy (MWh)	4,579,058	1,781,071	873,326	686,156	280,465	932,119	25,368	552
(2) Less Opt-out customers and directly assigned classes	3,391,937	1,781,071	10,326	362,036	280,465	932,119	25,368	552
(3) Adjusted energy	1,187,121	0	863,001	324,120	0	0	0	0
(4) Factor 3 NC DSM	100.0000%	0.0000%	72.6970%	27.3030%	0.0000%	0.0000%	0.0000%	0.0000%

DOMINION ENERGY NORTH CAROLINA
 DSM/EE EXPERIENCE MODIFICATION FACTOR (RIDER CE) FOR THE TEST PERIOD JANUARY 1, 2018 THROUGH DECEMBER 31, 2018
 ASSIGNMENT AND ALLOCATION TO CUSTOMER CLASSES
 DOCKET NO. E-22, SUB 577

Company Exhibit No. REM-1
 Schedule 3
 Page 2 of 4

Line		North Carolina Jurisdiction	Residential	SGS Co & Muni	LGS	6 VP	Schedule NS	ST & Outdoor Lighting	Traffic Lighting
1	Jurisdictional Program Revenue Requirement From Exhibit No. REM-1 Sch 2 Pg 1 Lln 4								
	Residential Programs	\$2,309,413							
	Non-residential Programs	\$1,676,358							
	Jurisdictional Program Revenue Requirement AJM-1 Sch 2 Pg 1 Ln 1	\$3,985,871							
2	<u>Monthly Rider C Revenues</u>								
	Residential Programs	\$2,025,572							
	Non-residential Programs	\$1,470,412							
	Monthly Revenue From Exhibit No. AJM-1 Sch 2 Pg 1 Ln 4	\$3,495,984							
3	<u>(Over) / Under Recovery (Ln 1 - Ln 2)</u>								
	Residential Programs	\$283,840							
	Non-residential Programs	\$206,047							
	(Over) / Under Recovery From Exhibit No. AJM-1 Rider CE Sch 2 Pg 1 Ln 7	\$489,887							
4	<u>Deferred Income Tax</u>								
	Residential Programs	(\$25,425)							
	Non-residential Programs	(\$18,452)							
	Deferred Income Tax From Exhibit No. AJM-1 Rider CE Sch 2 Pg 1 Ln 9	(\$43,882)							
5	<u>Net (Over) / Under Recovery (Ln 3 - Ln 4)</u>								
	Residential Programs	\$309,266							
	Non-residential Programs	\$224,503							
	Net (Over) / Under Recovery From all Programs	\$533,769							
6	<u>Carrying Cost on Cumulative (Over) / Under Recovery</u>								
	Residential Programs	(\$7,692)							
	Non-residential Programs	(\$3,583)							
	From Exhibit No. AJM-1 Rider CE Sch 2 Pg 1 Ln 13	(\$13,275)							
7	<u>Financing Costs Rider CE (Over)-recovery</u>								
	Residential Programs	(\$7,301)							
	Non-residential Programs	(\$3,300)							
	From Exhibit No. AJM-1 Rider CE Sch 2 Pg 1 Ln 15	(\$12,602)							
8	<u>DSM EE/EMF to be (refunded)/collected during the Rate Period January 1, 2018 - December 31, 2018 (Ln 3 + Ln 6 + Ln 7)</u>								
	Residential Programs	\$268,847							
	Non-residential Programs	\$195,163							
	DSM EE/EMF to be (refunded)/collected From Exhibit No. AJM-1 Rider CE Sch 2 Pg 1 Ln 16)	\$464,010							
9	<u>Assignment / Allocation of DSM / EE EMF Rider CE Revenue Requirement to Customer Classes</u>								
	Residential Programs	\$268,847	\$268,847	\$0	\$0	\$0	\$0	\$0	\$0
	Non-residential Programs								
	Factor to Allocate Energy Efficiency Programs From Exhibit No. REM-1 Sch 2 Pg 2	100.0000%	0.0000%	72.6970%	27.3030%	0.0000%	0.0000%	0.0000%	0.0000%
	Non-residential Programs	\$195,163	\$0	\$141,877	\$53,285	\$0	\$0	\$0	\$0
	Check	\$464,010							

DOMINION ENERGY NORTH CAROLINA
 DSM/EE (RIDER C) FOR THE PROJECTED RATE PERIOD FEBRUARY 1, 2020 THROUGH JANUARY 31, 2021
 ASSIGNMENT AND ALLOCATION TO CUSTOMER CLASSES
 DOCKET NO. E-22, SUB 577

Company Exhibit REM-1
 Schedule 3
 Page 4 of 4

Line

1 NC Jurisdiction Program Revenue Requirement
From Exhibit No. REM-1 Sch 3 Pg 3 Ln 3
 Residential Programs
 Non-residential Programs
 NC Class Revenue Requirement

\$1,780,344
\$1,689,935
 \$3,470,280

2 Assignment / Allocation of DSM / EE
Rider C Revenue Requirement to NC Customer Classes
 Residential Programs
 Non-residential Programs
 Factor to Allocate Energy Efficiency Programs
 From Exhibit No. REM-1 Sch 2 Pg 2
 Non-residential Programs
 Check

North Carolina Jurisdiction	Residential	SGS Co & Muni	LGS	6 VP	Schedule NS	ST & Outdoor Lighting	Traffic Lighting
\$1,780,344	\$1,780,344	\$0	\$0	\$0	\$0	\$0	\$0
100.0000%	0.0000%	72.6970%	27.3030%	0.0000%	0.0000%	0.0000%	0.0000%
\$1,689,936	\$0	\$1,228,533	\$461,403	\$0	\$0	\$0	\$0
\$3,470,280							

DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 577

Rule R8-69(f) Filing Requirements and Procedure.

- (1) Each utility shall submit to the Commission all of the following information and data in its application:
- ii) For each measure for which cost recovery is requested through the DSM/EE rider:
- b. total costs that the utility does not expect to incur during the rate period as a direct result of the measure in the aggregate and broken down by type of cost, per appropriate capacity, energy and measure unit metric, and the proposed jurisdictional allocation factors, as well as any changes in the estimate future amounts since last filed with the Commission;

In the table below, the Company shows factors that allocate the total system expenses directly attributable to the measures which the Company requests cost recovery through the DSM/EE rider that are not expected to be incurred during the rate period February 1, 2020 through January 31, 2021. The demand allocation factor is based on the summer/winter peak and average methodology and is provided for the twelve months ended December 31, 2018. The energy allocation factor is provided for the twelve months ended December 31, 2018.

Program	NC Jurisdictional Demand Allocator	NC Jurisdictional Energy Allocator
Residential Lighting (PPI Only)	4.9507%	5.0924%
Air Conditioner Cycling Program	4.9507%	5.0924%
Residential NC Only Low Income Program	4.9507%	5.0924%
Commercial HVAC Upgrade Program	4.9507%	5.0924%
Commercial Lighting Program	4.9507%	5.0924%
Residential Heat Pump Tune-up Program	4.9507%	5.0924%
Residential Heat Pump Upgrade Program	4.9507%	5.0924%
Residential Duct Testing & Sealing Program	4.9507%	5.0924%
Residential Home Energy Check-Up Program	4.9507%	5.0924%
Non-Residential Duct Testing & Sealing Program	4.9507%	5.0924%

DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 577

Program	NC Jurisdictional Demand Allocator	NC Jurisdictional Energy Allocator
Non-Residential Energy Audit Program	4.9507%	5.0924%
Non-Residential Window Film Program	4.9507%	5.0924%
Non-Residential Heating & Cooling Efficiency Program	4.9507%	5.0924%
Non-Residential Lighting Systems & Controls Program	4.9507%	5.0924%
Residential Income and Age Qualifying Home Improvement Program	4.9507%	5.0924%
Qualifying Small Business Improvement Program	4.9507%	5.0924%
Residential LED Lighting - NC Only	4.9507%	5.0924%
Non-Residential Prescriptive Program	4.9507%	5.0924%
Residential Appliance Recycling Program	4.9507%	5.0924%
Residential Efficient Products Marketplace Program	4.9507%	5.0924%
Residential Home Energy Assessment Program	4.9507%	5.0924%
Non-Residential Lighting Systems & Controls Program	4.9507%	5.0924%
Non-Residential Heating & Cooling Efficiency Program	4.9507%	5.0924%
Non-Residential Window Film Program	4.9507%	5.0924%
Non-Residential Small Manufacturing Program	4.9507%	5.0924%
Non-Residential Office Program	4.9507%	5.0924%

**DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 577**

Rule R8-69 (f) Filing Requirements and Procedure.

(1) Each utility shall submit to the Commission all of the following information and data in its application:

viii) All workpapers supporting the calculations and adjustments described above:

Pages 3 - 4 of this Schedule 4 calculate the allocation factors listed below:

Used to Allocate System Expenses Not Expected to Be Incurred During the Rate Period

- 1) Factor 1 Summer Winter Peak and Average ("SWPA") — System to Jurisdiction
 - a. NC Juris = 4.9507%
- 2) Factor 3 — System to Jurisdiction
 - a. NC Juris = 5.0924%

DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22 , SUB 577
12 MONTHS ENDING DECEMBER 31, 2018
SUMMER WINTER PEAK AND AVERAGE

Dominion Energy North Carolina						
12 Months Ending December 31, 2018						
Summer Winter Peak & Average						
FACTOR 1		Total System	Va Juris	Va Non-Juris	FERC	N C Juris
(1)	Energy-Production	89,918,644	71,450,024	12,258,874	1,630,688	4,579,058
(2)	Ave. Demand (Ln 1 / # hrs in year)	10,264,685	8,156,395	1,399,415	186,152	522,723
(3)	Class Avg. Demand as % of system	100.0000%	79.4607%	13.6333%	1.8135%	5.0924%
(4)	Winter Coincident Peak	17,887,645	15,142,090	1,574,418	235,220	935,916
	Sunday, January 07, 2018	800				
(5)	Summer Coincident Peak	16,958,384	14,061,656	1,881,941	296,382	718,405
	Monday, July 02, 2018	1700				
(6)	Avg. Peak Demand [(Lns 4+5)/2]	17,423,014	14,601,873	1,728,180	265,801	827,161
(7)	Avg. Peak Demand as % of system	100.0000%	83.8080%	9.9189%	1.5256%	4.7475%
(8)	Sys. Ln 2 / Sys Ln 6 =	58.9145%	6,047,390	4,805,301	824,459	109,670
	Class Ave. Dem.% Ln 3 x	58.9145%	58.9145%	46.8139%	8.0320%	1.0684%
(9)	1 - Sys. Line 8 =	41.0855%	7,158,329	5,999,250	710,031	109,206
	Class Ave. Pk. Dem. % Ln 7 x	41.0855%	41.0855%	34.4329%	4.0752%	0.6268%
(10)	Factor 1/61 (8+9)	99.9999%	81.2468%	12.1072%	1.6952%	4.9507%
(11)	Rounding		0.0001%	0.0000%	0.0000%	0.0000%
(12)	Factor 1/61	100.0000%	81.2469%	12.1072%	1.6952%	4.9507%

DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22 , SUB 577
12 MONTHS ENDING DECEMBER 31, 2018
SUMMER WINTER PEAK AND AVERAGE

Dominion Energy North Carolina						
12 Months Ending December 31, 2018						
Summer Winter Peak & Average						
FACTOR 3/63		Total System	Va Juris	Va Non-Juris	FERC	N C Juris
Energy production		89,918,644	71,450,024	12,258,874	1,630,688	4,579,058
Factor 3/63		99.9999%	79.4607%	13.6333%	1.8135%	5.0924%
			0.0001%	0.0000%	0.0000%	0.0000%
Factor 3/63		100.0000%	79.4608%	13.6333%	1.8135%	5.0924%

I/A

Docket No. E-22, Sub 577

RIDER C
 FORECAST KWH SALES AND CUSTOMERS
 BY REVENUE CLASS
 12 MONTHS ENDED January 31, 2021

----- REVENUE CLASS=A. RESIDENTIAL -----

YR	MONTH	FORECAST CUST	FORECAST KWH
2020	2	103,201	153,783,707
2020	3	103,218	129,396,713
2020	4	103,226	99,682,924
2020	5	103,243	104,391,191
2020	6	103,267	140,679,788
2020	7	103,295	180,187,511
2020	8	103,332	177,003,043
2020	9	103,352	122,324,272
2020	10	103,377	103,055,175
2020	11	103,417	101,120,262
2020	12	103,460	156,597,639
2021	1	103,496	180,690,294
-----			-----
TOTAL			1,648,912,519

----- REVENUE CLASS=B. COMMERCIAL -----

YR	MONTH	FORECAST CUST	FORECAST KWH
2020	2	15,700	53,956,245
2020	3	15,703	56,831,208
2020	4	15,706	53,191,400
2020	5	15,709	61,278,334
2020	6	15,712	68,580,250
2020	7	15,715	77,834,147
2020	8	15,718	81,162,685
2020	9	15,720	70,977,304
2020	10	15,723	69,465,728
2020	11	15,725	59,286,014
2020	12	15,728	63,043,568
2021	1	15,730	67,834,344
-----			-----
TOTAL			783,441,227

VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RIDER C
 FORECAST KWH SALES AND CUSTOMERS
 BY REVENUE CLASS
 12 MONTHS ENDED January 31, 2021

----- REVENUE CLASS=C. INDUSTRIAL -----

YR	MONTH	FORECAST CUST	FORECAST KWH
2020	2	56	126,109,493
2020	3	56	132,539,542
2020	4	56	159,598,906
2020	5	56	153,681,207
2020	6	56	146,450,067
2020	7	56	162,019,499
2020	8	56	133,252,875
2020	9	56	161,512,722
2020	10	56	145,342,134
2020	11	56	149,685,239
2020	12	56	138,958,749
2021	1	56	152,429,681
-----			-----
TOTAL			1,761,580,114

----- REVENUE CLASS=D. OUTDOOR LIGHTING & TRAFFIC -----

YR	MONTH	FORECAST CUST	FORECAST KWH
2020	2	385	697,559
2020	3	385	705,442
2020	4	385	653,696
2020	5	385	742,836
2020	6	385	745,868
2020	7	385	699,782
2020	8	385	733,538
2020	9	385	650,260
2020	10	385	695,335
2020	11	385	685,734
2020	12	385	661,731
2021	1	385	740,193
-----			-----
TOTAL			8,411,974

VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RIDER C
 FORECAST KWH SALES AND CUSTOMERS
 BY REVENUE CLASS
 12 MONTHS ENDED January 31, 2021

----- REVENUE CLASS=E. PUBLIC AUTHORITY -----

YR	MONTH	FORECAST CUST	FORECAST KWH
2020	2	1,859	10,640,415
2020	3	1,859	10,549,170
2020	4	1,859	9,130,050
2020	5	1,859	9,826,332
2020	6	1,859	10,917,455
2020	7	1,860	11,509,586
2020	8	1,859	11,774,829
2020	9	1,857	10,867,787
2020	10	1,857	10,104,172
2020	11	1,856	9,159,348
2020	12	1,856	9,697,908
2021	1	1,857	10,920,064
-----			-----
TOTAL			125,097,116
			=====
			4,327,442,950

FORECAST KWH SALES BY REVENUE CLASS AND RATE SCHEDULE

----- REVENUE CLASS=A. RESIDENTIAL -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	FORECAST KWH
1DF	2,912,215
1	1,627,882,011
1P	9,492,721
1T	1,062,146
1W	92,594
26	7,470,833

RC	1,648,912,519

----- REVENUE CLASS=B. COMMERCIAL -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	FORECAST KWH
5	512,083,429
5C	5,728,024
5P	131,218,008
7	1,317,768
6C	2,052,855
6P	85,893,826
10	36,706,413
26	8,440,903

RC	783,441,227

----- REVENUE CLASS=C. INDUSTRIAL -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	FORECAST KWH
5	13,858,503
5P	1,019,660
6P	177,711,266
6L	420,224,328

* SCHEDULE NS AND ALL OPT-OUTS ARE ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2018.

----- REVENUE CLASS=C. INDUSTRIAL -----

(continued)

RATE SCHEDULE	12 MOS ENDED 01/31/2021 FORECAST KWH
6VP	239,610,227
10	99,342,954
NS	922,168,887
26	395,020
-----	-----
RC	1,874,330,846

----- REVENUE CLASS=D. OUTDOOR LIGHTING & TRAFFIC -----

RATE SCHEDULE	12 MOS ENDED 01/31/2021 FORECAST KWH
30T	535,554
26	7,876,420
-----	-----
RC	8,411,974

----- REVENUE CLASS=E. PUBLIC AUTHORITY -----

RATE SCHEDULE	12 MOS ENDED 01/31/2021 FORECAST KWH
5P	2,771,742
6C	2,589,968
6P	0
30	78,032,615
42	41,362,659
26	340,133
-----	-----
RC	125,097,116
	=====
	4,440,193,682

* SCHEDULE NS AND ALL OPT-OUTS ARE ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2018.

SUMMARY OF FORECAST NET KWH SALES BY RATE SCHEDULE

RATE SCHEDULE	12 MOS ENDED	OPT OUT KWH	12 MOS ENDED
	01/31/2021 FORECAST KWH		01/31/2021 NET FORECAST KWH
1DF	2,912,215	0	2,912,215
1	1,627,882,011	0	1,627,882,011
1P	9,492,721	0	9,492,721
1T	1,062,146	0	1,062,146
1W	92,594	0	92,594
5	525,941,932	4,280,838	521,661,094
5C	5,728,024	0	5,728,024
5P	135,009,410	5,540,362	129,469,048
7	1,317,768	0	1,317,768
6C	4,642,823	0	4,642,823
6P	263,605,093	154,964,256	108,640,837
6L	420,224,328	165,932,415	254,291,913
6VP	239,610,227	273,539,536	0
10	136,049,367	27,011,247	109,038,120
30	78,032,615	0	78,032,615
30T	535,554	0	535,554
42	41,362,659	0	41,362,659
NS	922,168,887	922,168,887	0
26	24,523,309	0	24,523,309
	=====	=====	=====
	4,440,193,682	1,553,437,541	2,920,685,450

* SCHEDULE NS AND ALL OPT-OUTS ARE ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2018.

REFLECTS FORECASTED NET KWH SALES
 12 MONTHS ENDED January 31, 2021
 KWH CATEGORIZED BY CUSTOMER CLASSES AND RATES SCHEDULES

----- CUSTOMER CLASS=RESIDENTIAL -----

	12 MOS ENDED 01/31/2021
RATE SCHEDULE	NET FORECAST KWH
1	1,627,882,011
1DF	2,912,215
1P	9,492,721
1T	1,062,146
1W	92,594

CLASS	1,641,441,686

----- CUSTOMER CLASS=SMALL GENERAL SERVICE & PUBLIC AUTHORITY -----

	12 MOS ENDED 01/31/2021
RATE SCHEDULE	NET FORECAST KWH
30	78,032,615
42	41,362,659
5	521,661,094
5C	5,728,024
5P	129,469,048
7	1,317,768

CLASS	777,571,209

----- CUSTOMER CLASS=LARGE GENERAL SERVICE -----

	12 MOS ENDED 01/31/2021
RATE SCHEDULE	NET FORECAST KWH
10	109,038,120
6C	4,642,823
6L	254,291,913
6P	108,640,837

CLASS	476,613,693

REFLECTS FORECASTED NET KWH SALES
12 MONTHS ENDED January 31, 2021
KWH CATEGORIZED BY CUSTOMER CLASSES AND RATES SCHEDULES

----- CUSTOMER CLASS=6VP -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	NET FORECAST KWH
6VP	0

----- CUSTOMER CLASS=NS -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	NET FORECAST KWH
NS	0

----- CUSTOMER CLASS=OUTDOOR LIGHTING -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	NET FORECAST KWH
26	24,523,309

----- CUSTOMER CLASS=TRAFFIC LIGHTING -----

	12 MOS ENDED
RATE	01/31/2021
SCHEDULE	NET FORECAST KWH
30T	535,554
	=====
	2,920,685,450

ALLOCATION OF NC JURISDICTIONAL REVENUE REQUIREMENT
 TO THE CUSTOMER CLASSES AND CALCULATION OF RIDER C CUSTOMER CLASS RATES
 REFLECTS FORECASTED NET KWH SALES

CUSTOMER CLASS	CUST CLASS ALLOCATED REVENUE REQ(1)	12 MOS ENDED 01/31/2021 NET FORECAST KWH	CUSTOMER CLASS RATE W/OUT REG FEE	CUSTOMER CLASS RATE WITH REG FEE
RESIDENTIAL	\$1,780,344	1,641,441,686	\$0.00108	\$0.00109
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	\$1,228,533	777,571,209	\$0.00158	\$0.00158
LARGE GENERAL SERVICE	\$461,403	476,613,693	\$0.00097	\$0.00097
6VP	\$0	0	0	0
NS	\$0	0	0	0
OUTDOOR LIGHTING	\$0	24,523,309	\$0.00000	\$0.00000
TRAFFIC LIGHTING	\$0	535,554	\$0.00000	\$0.00000
	=====	=====		
	\$3,470,280	2,920,685,450		

(1) FROM REM SCHEDULE 3 PAGE 4

**VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RATES SCHEDULES BY CUSTOMER CLASS
 (RIDER C RATES INCLUDE NORTH CAROLINA REGULATORY FEE)**

CUSTOMER CLASS	RATE SCHEDULE	RIDER C RATE
RESIDENTIAL	1	\$ 0.00109
	1DF	\$ 0.00109
	1P	\$ 0.00109
	1T	\$ 0.00109
	1W	\$ 0.00109
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	30	\$ 0.00158
	42	\$ 0.00158
	5	\$ 0.00158
	5C	\$ 0.00158
	5P	\$ 0.00158
	7	\$ 0.00158
LARGE GENERAL SERVICE	10	\$ 0.00097
	6C	\$ 0.00097
	6P	\$ 0.00097
	6L	\$ 0.00097
	RTP With Customer Baseline Load	\$ 0.00097
	RTP Economic Development	\$ 0.00097
6VP	6VP	\$ -
NS	NS	\$ -
OUTDOOR LIGHTING	26	\$ -
TRAFFIC LIGHTING	30T	\$ -

**VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
OPT-OUT NON-RESIDENTIAL CUSTOMERS**

Month	Year	Total Monthly KWH
January	2018	127,048,989
February	2018	118,784,916
March	2018	119,104,921
April	2018	121,187,157
May	2018	135,742,606
June	2018	140,563,180
July	2018	137,982,479
August	2018	142,290,712
September	2018	119,053,401
October	2018	136,112,471
November	2018	129,308,415
December	2018	126,258,295
TOTAL		1,553,437,541

Virginia Electric and Power Company

RIDER CDEMAND SIDE MANAGEMENT/ENERGY EFFICIENCY RIDER

The following Dominion Energy North Carolina filed Rate Schedules shall be increased by the applicable cents per kilowatt-hour charge.

Rate Schedule	Cents per kWh Charge
Schedule 1	0.109 ¢/kWh
Schedule 1DF	0.109 ¢/kWh
Schedule 1P	0.109 ¢/kWh
Schedule 1T	0.109 ¢/kWh
Schedule 1W	0.109 ¢/kWh
Schedule 5	0.158 ¢/kWh
Schedule 5C	0.158 ¢/kWh
Schedule 5P	0.158 ¢/kWh
Schedule 6C	0.097 ¢/kWh
Schedule 6L	0.097 ¢/kWh
Schedule 6P	0.097 ¢/kWh
Schedule 6VP	0.000 ¢/kWh
Schedule 7	0.158 ¢/kWh
Schedule LGS RTP With Customer Baseline Load	0.097 ¢/kWh
Schedule LGS – RTP Economic Development	0.097/kWh
Schedule NS	0.000 ¢/kWh
Schedule 10	0.097 ¢/kWh
Schedule 26	0.000 ¢/kWh
Schedule 30	0.158 ¢/kWh
Schedule 30T	0.000 ¢/kWh
Schedule 42	0.158 ¢/kWh

Filed 08-13-19
Electric-North Carolina

Superseding Filing Effective For Usage On
and After 02-01-19. This Filing Effective
For Usage On and After 02-01-20.

VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RIDER CE

Docket No. E-22, Sub 577 ALLOCATION OF NC JURISDICTIONAL REVENUE REQUIREMENT
 TO THE CUSTOMER CLASSES AND CALCULATION OF RIDER CE CUSTOMER CLASS RATES
 REFLECTS FORECASTED NET KWH SALES

Company Exhibit DAS-1
 Schedule 4
 Page 1 of 2

CUSTOMER CLASS	CUST CLASS ALLOCATED REVENUE REQ(1)	12 MOS ENDED 01/31/2021 NET FORECAST KWH	CUSTOMER CLASS RATE W/OUT REG FEE	CUSTOMER CLASS RATE WITH REG FEE
RESIDENTIAL	\$268,847	1,641,441,686	\$0.00016	\$0.00016
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	\$141,877	777,571,209	\$0.00018	\$0.00018
LARGE GENERAL SERVICE	\$53,286	476,613,693	\$0.00011	\$0.00011
6VP	\$0	0	0	0
NS	\$0	0	0	0
OUTDOOR LIGHTING	\$0	24,523,309	\$0.00000	\$0.00000
TRAFFIC LIGHTING	\$0	535,554	\$0.00000	\$0.00000
	=====	=====		
	\$464,010	2,920,685,450		

(1) FROM REM SCHEDULE 3 PAGE 4

**VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RATES SCHEDULES BY CUSTOMER CLASS
 (RIDER CE RATES INCLUDE NORTH CAROLINA REGULATORY FEE)**

CUSTOMER CLASS	RATE SCHEDULE	RIDER CE RATE
RESIDENTIAL	1	\$ 0.00016
	1DF	\$ 0.00016
	1P	\$ 0.00016
	1T	\$ 0.00016
	1W	\$ 0.00016
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	30	\$ 0.00018
	42	\$ 0.00018
	5	\$ 0.00018
	5C	\$ 0.00018
	5P	\$ 0.00018
	7	\$ 0.00018
LARGE GENERAL SERVICE	10	\$ 0.00011
	6C	\$ 0.00011
	6P	\$ 0.00011
	6L	\$ 0.00011
	RTP With Customer Baseline Load	\$ 0.00011
	RTP Economic Development	\$ 0.00011
6VP	6VP	\$ -
NS	NS	\$ -
OUTDOOR LIGHTING	26	\$ -
TRAFFIC LIGHTING	30T	\$ -

Virginia Electric and Power Company

RIDER CE
DSM/EE EXPERIENCE MODIFICATION FACTOR
(DSM/EE EMF)

The following Dominion Energy North Carolina filed Rate Schedules shall be increased by the applicable cents per kilowatt-hour charge.

Rate Schedule	Cents per kWh Charge
Schedule 1	0.016 ¢/kWh
Schedule 1DF	0.016 ¢/kWh
Schedule 1P	0.016 ¢/kWh
Schedule 1T	0.016 ¢/kWh
Schedule 1W	0.016 ¢/kWh
Schedule 5	0.018 ¢/kWh
Schedule 5C	0.018 ¢/kWh
Schedule 5P	0.018 ¢/kWh
Schedule 6C	0.011 ¢/kWh
Schedule 6L	0.011 ¢/kWh
Schedule 6P	0.011 ¢/kWh
Schedule 6VP	0.000 ¢/kWh
Schedule 7	0.018 ¢/kWh
Schedule LGS RTP With Customer Baseline Load	0.011 ¢/kWh
Schedule LGS – RTP Economic Development	0.011 ¢/kWh
Schedule NS	0.000 ¢/kWh
Schedule 10	0.011 ¢/kWh
Schedule 26	0.000 ¢/kWh
Schedule 30	0.018 ¢/kWh
Schedule 30T	0.000 ¢/kWh
Schedule 42	0.018 ¢/kWh

Filed 08-13-19
Electric-North Carolina

Superseding Filing Effective For Usage On
and After 02-01-19. This Filing Effective
For Usage On and After 02-01-20.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL INCOME & AGE QUALIFYING HOME IMPROVEMENT PROGRAM

RATE SCHEDULE 1

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	362,241	\$25,608	\$0.07069
2	2018	2	289,996	\$20,481	\$0.07063
3	2018	3	266,726	\$18,834	\$0.07061
4	2018	4	245,155	\$17,314	\$0.07062
5	2018	5	189,460	\$13,372	\$0.07058
6	2018	6	227,786	\$19,296	\$0.08471
7	2018	7	221,203	\$18,753	\$0.08478
8	2018	8	274,940	\$23,287	\$0.08470
9	2018	9	237,424	\$20,116	\$0.08473
10	2018	10	191,756	\$13,541	\$0.07062
11	2018	11	193,029	\$13,630	\$0.07061
12	2018	12	243,032	\$17,171	\$0.07065

* All participants were served under Schedule 1, therefore Base Revenue reflects Rate Schedule 1 non-fuel revenues excluding the Basic Customer Charge and excludes base fuel, Rider A, and Rider B fuel rates.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL RETAIL LED LIGHTING PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	175,353,108	\$12,363,900	\$0.07051
2	2018	2	122,114,901	\$8,617,706	\$0.07057
3	2018	3	118,302,251	\$8,349,146	\$0.07057
4	2018	4	121,702,819	\$8,587,889	\$0.07056
5	2018	5	99,798,185	\$7,039,875	\$0.07054
6	2018	6	133,992,180	\$11,334,609	\$0.08459
7	2018	7	154,548,777	\$13,068,859	\$0.08456
8	2018	8	192,185,511	\$16,257,141	\$0.08459
9	2018	9	130,465,312	\$11,031,643	\$0.08456
10	2018	10	137,939,846	\$9,726,282	\$0.07051
11	2018	11	85,501,394	\$6,033,386	\$0.07056
12	2018	12	127,183,963	\$8,972,395	\$0.07055

* Base Revenue reflects Schedule 1, 1P, and 1T non-fuel revenues, excluding Basic Customer Charge and excludes base fuel, Rider A and Rider B fuel rates.

** Columns (C) & (D) are the sum of the kWh and the base revenue shown in Schedule 7 on pages 2 to 4 in Columns (C) & (D) of each rate table.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL RETAIL LED LIGHTING PROGRAM

RATE SCHEDULE 1

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	174,355,335	\$12,311,275	\$0.07061
2	2018	2	121,483,725	\$8,579,799	\$0.07063
3	2018	3	117,717,598	\$8,313,078	\$0.07062
4	2018	4	121,065,258	\$8,549,340	\$0.07062
5	2018	5	99,192,845	\$7,003,514	\$0.07061
6	2018	6	133,091,145	\$11,273,185	\$0.08470
7	2018	7	153,475,610	\$12,997,811	\$0.08469
8	2018	8	191,046,169	\$16,180,723	\$0.08470
9	2018	9	129,460,132	\$10,965,499	\$0.08470
10	2018	10	137,096,573	\$9,678,759	\$0.07060
11	2018	11	84,908,393	\$5,996,488	\$0.07062
12	2018	12	126,489,311	\$8,933,691	\$0.07063

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL RETAIL LED LIGHTING PROGRAM

RATE SCHEDULE 1P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	870,442	\$44,706	\$0.05136
2	2018	2	558,449	\$32,976	\$0.05905
3	2018	3	520,348	\$31,744	\$0.06101
4	2018	4	564,805	\$33,763	\$0.05978
5	2018	5	546,723	\$32,417	\$0.05929
6	2018	6	807,410	\$54,029	\$0.06692
7	2018	7	955,623	\$61,354	\$0.06420
8	2018	8	1,027,942	\$66,938	\$0.06512
9	2018	9	905,388	\$57,851	\$0.06390
10	2018	10	763,636	\$42,026	\$0.05503
11	2018	11	544,511	\$33,610	\$0.06173
12	2018	12	627,843	\$34,416	\$0.05482

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL RETAIL LED LIGHTING PROGRAM

RATE SCHEDULE 1T

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	127,331	\$7,919	\$0.06219
2	2018	2	72,727	\$4,931	\$0.06780
3	2018	3	64,305	\$4,324	\$0.06724
4	2018	4	72,756	\$4,786	\$0.06578
5	2018	5	58,617	\$3,944	\$0.06728
6	2018	6	93,625	\$7,395	\$0.07899
7	2018	7	117,544	\$9,694	\$0.08247
8	2018	8	111,400	\$9,480	\$0.08510
9	2018	9	99,792	\$8,293	\$0.08310
10	2018	10	79,637	\$5,497	\$0.06903
11	2018	11	48,490	\$3,288	\$0.06781
12	2018	12	66,809	\$4,288	\$0.06418

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	2,182,756	\$125,390	\$0.05745
2	2018	2	1,994,395	\$107,835	\$0.05407
3	2018	3	1,937,463	\$99,942	\$0.05158
4	2018	4	2,174,495	\$110,423	\$0.05078
5	2018	5	1,998,535	\$100,623	\$0.05035
6	2018	6	2,646,782	\$147,169	\$0.05560
7	2018	7	3,028,352	\$239,851	\$0.07920
8	2018	8	3,064,685	\$225,640	\$0.07363
9	2018	9	2,750,690	\$219,764	\$0.07989
10	2018	10	2,953,505	\$144,804	\$0.04903
11	2018	11	2,066,895	\$97,756	\$0.04730
12	2018	12	1,970,025	\$94,134	\$0.04778

* Base Revenue reflects Schedule 10, 30, 42, 5, 5P, and 6P non-fuel revenues, excluding Basic Customer Charge and excludes base fuel, Rider A and Rider B fuel rates.

** Columns (C) & (D) are the sum of the kWh and the base revenue shown in Schedule 8 on pages 2 to 7 in Columns (C) & (D) of each rate table.

DOCKET NO. E-22, SUB 577

**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 10

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	1,381,951	\$68,369	\$0.04947
2	2018	2	1,400,866	\$54,678	\$0.03903
3	2018	3	1,479,348	\$58,024	\$0.03922
4	2018	4	1,405,402	\$55,042	\$0.03916
5	2018	5	1,289,658	\$46,575	\$0.03611
6	2018	6	1,630,900	\$67,306	\$0.04127
7	2018	7	2,011,671	\$156,408	\$0.07775
8	2018	8	1,897,580	\$132,457	\$0.06980
9	2018	9	2,046,885	\$160,377	\$0.07835
10	2018	10	1,622,008	\$56,295	\$0.03471
11	2018	11	1,423,963	\$44,725	\$0.03141
12	2018	12	1,491,452	\$52,596	\$0.03526

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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 AVERAGE BASE RATES FOR THE TEST PERIOD
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 30

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	41,040	\$2,571	\$0.06265
2	2018	2	51,120	\$3,569	\$0.06982
3	2018	3	52,560	\$3,511	\$0.06680
4	2018	4	48,960	\$3,232	\$0.06601
5	2018	5	59,040	\$3,873	\$0.06560
6	2018	6	97,920	\$6,738	\$0.06881
7	2018	7	86,400	\$5,989	\$0.06932
8	2018	8	91,440	\$6,247	\$0.06832
9	2018	9	99,360	\$6,851	\$0.06895
10	2018	10	95,040	\$5,932	\$0.06242
11	2018	11	64,080	\$4,611	\$0.07196
12	2018	12	53,280	\$3,581	\$0.06721

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 42

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	407,620	\$21,138	\$0.05186
2	2018	2	219,460	\$11,344	\$0.05169
3	2018	3	65,600	\$3,565	\$0.05434
4	2018	4	386,520	\$20,118	\$0.05205
5	2018	5	261,660	\$13,702	\$0.05237
6	2018	6	287,040	\$22,452	\$0.07822
7	2018	7	324,700	\$25,159	\$0.07748
8	2018	8	290,100	\$22,457	\$0.07741
9	2018	9	105,760	\$8,504	\$0.08041
10	2018	10	498,440	\$25,961	\$0.05208
11	2018	11	262,720	\$13,984	\$0.05323
12	2018	12	72,800	\$3,985	\$0.05474

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	206,665	\$11,784	\$0.05702
2	2018	2	155,969	\$9,173	\$0.05881
3	2018	3	163,375	\$9,616	\$0.05886
4	2018	4	163,493	\$9,451	\$0.05781
5	2018	5	167,117	\$9,432	\$0.05644
6	2018	6	275,642	\$16,978	\$0.06159
7	2018	7	282,821	\$17,619	\$0.06230
8	2018	8	446,165	\$27,723	\$0.06214
9	2018	9	139,385	\$8,371	\$0.06006
10	2018	10	414,817	\$23,359	\$0.05631
11	2018	11	95,692	\$5,191	\$0.05425
12	2018	12	178,936	\$10,265	\$0.05737

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 5P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	75,640	\$8,533	\$0.11281
2	2018	2	78,420	\$8,908	\$0.11359
3	2018	3	87,300	\$9,947	\$0.11394
4	2018	4	88,040	\$9,117	\$0.10356
5	2018	5	116,660	\$11,196	\$0.09597
6	2018	6	163,040	\$13,143	\$0.08061
7	2018	7	157,880	\$16,436	\$0.10410
8	2018	8	155,080	\$16,617	\$0.10715
9	2018	9	173,540	\$14,397	\$0.08296
10	2018	10	145,360	\$13,551	\$0.09322
11	2018	11	102,360	\$10,349	\$0.10110
12	2018	12	75,348	\$7,545	\$0.10014

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL HEATING & COOLING EFFICIENCY

RATE SCHEDULE 6P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	69,840	\$12,995	\$0.18607
2	2018	2	88,560	\$20,163	\$0.22768
3	2018	3	89,280	\$15,279	\$0.17114
4	2018	4	82,080	\$13,463	\$0.16402
5	2018	5	104,400	\$15,845	\$0.15177
6	2018	6	192,240	\$20,552	\$0.10691
7	2018	7	164,880	\$18,240	\$0.11063
8	2018	8	184,320	\$20,139	\$0.10926
9	2018	9	185,760	\$21,264	\$0.11447
10	2018	10	177,840	\$19,706	\$0.11081
11	2018	11	118,080	\$18,896	\$0.16003
12	2018	12	98,209	\$16,162	\$0.16457

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	5,273,042	\$399,519	\$0.07577
2	2018	2	4,430,597	\$325,839	\$0.07354
3	2018	3	3,868,420	\$282,957	\$0.07315
4	2018	4	4,821,345	\$346,097	\$0.07178
5	2018	5	4,251,500	\$306,931	\$0.07219
6	2018	6	4,955,940	\$367,775	\$0.07421
7	2018	7	5,096,279	\$393,990	\$0.07731
8	2018	8	5,409,496	\$419,128	\$0.07748
9	2018	9	4,957,787	\$380,807	\$0.07681
10	2018	10	5,481,099	\$373,850	\$0.06821
11	2018	11	4,230,933	\$307,330	\$0.07264
12	2018	12	3,557,451	\$247,424	\$0.06955

* Base Revenue reflects Schedule 10, 30, 42, 5, 5P, and 6P non-fuel revenues, excluding Basic Customer Charge and excludes base fuel, Rider A and Rider B fuel rates.

** Columns (C) & (D) are the sum of the kWh and the base revenue shown in Schedule 9 on pages 2 to 7 in Columns (C) & (D) of each rate table.

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NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 10

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	696,797	\$36,857	\$0.05289
2	2018	2	747,370	\$31,777	\$0.04252
3	2018	3	791,125	\$33,389	\$0.04220
4	2018	4	766,292	\$32,345	\$0.04221
5	2018	5	779,100	\$30,370	\$0.03898
6	2018	6	802,537	\$35,189	\$0.04385
7	2018	7	698,497	\$54,987	\$0.07872
8	2018	8	810,301	\$60,595	\$0.07478
9	2018	9	838,753	\$67,846	\$0.08089
10	2018	10	763,797	\$29,543	\$0.03868
11	2018	11	745,873	\$25,969	\$0.03482
12	2018	12	828,736	\$32,305	\$0.03898

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 30

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	13,364	\$840	\$0.06286
2	2018	2	21,056	\$1,201	\$0.05704
3	2018	3	15,496	\$936	\$0.06040
4	2018	4	16,276	\$941	\$0.05782
5	2018	5	25,127	\$1,357	\$0.05401
6	2018	6	36,001	\$2,150	\$0.05972
7	2018	7	35,863	\$2,160	\$0.06023
8	2018	8	36,338	\$2,190	\$0.06027
9	2018	9	45,981	\$2,719	\$0.05913
10	2018	10	40,449	\$2,137	\$0.05283
11	2018	11	27,698	\$1,489	\$0.05376
12	2018	12	18,999	\$1,159	\$0.06100

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 42

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	107,760	\$5,299	\$0.04917
2	2018	2	90,960	\$4,392	\$0.04828
3	2018	3	93,200	\$4,633	\$0.04971
4	2018	4	84,080	\$4,151	\$0.04937
5	2018	5	93,680	\$4,772	\$0.05094
6	2018	6	159,440	\$12,174	\$0.07635
7	2018	7	178,320	\$13,602	\$0.07628
8	2018	8	165,280	\$12,617	\$0.07634
9	2018	9	179,360	\$13,657	\$0.07614
10	2018	10	160,000	\$8,077	\$0.05048
11	2018	11	98,080	\$4,869	\$0.04964
12	2018	12	80,880	\$3,998	\$0.04943

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	1,631,871	\$103,523	\$0.06344
2	2018	2	1,215,226	\$75,747	\$0.06233
3	2018	3	788,580	\$48,026	\$0.06090
4	2018	4	1,472,346	\$95,064	\$0.06457
5	2018	5	1,157,764	\$72,027	\$0.06221
6	2018	6	1,392,865	\$93,553	\$0.06717
7	2018	7	1,477,594	\$98,290	\$0.06652
8	2018	8	1,637,345	\$108,219	\$0.06609
9	2018	9	967,331	\$62,623	\$0.06474
10	2018	10	1,763,199	\$107,735	\$0.06110
11	2018	11	1,117,647	\$70,499	\$0.06308
12	2018	12	841,029	\$49,931	\$0.05937

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 5P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	1,138,285	\$90,452	\$0.07946
2	2018	2	909,650	\$78,678	\$0.08649
3	2018	3	812,739	\$69,034	\$0.08494
4	2018	4	1,119,046	\$90,786	\$0.08113
5	2018	5	971,279	\$80,612	\$0.08300
6	2018	6	1,178,357	\$93,997	\$0.07977
7	2018	7	1,222,000	\$96,485	\$0.07896
8	2018	8	1,272,637	\$104,836	\$0.08238
9	2018	9	1,103,552	\$85,833	\$0.07778
10	2018	10	1,186,539	\$93,940	\$0.07917
11	2018	11	941,280	\$75,587	\$0.08030
12	2018	12	736,212	\$59,506	\$0.08083

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL LIGHTING SYSTEMS & CONTROLS

RATE SCHEDULE 6P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	1,684,965	\$162,548	\$0.09647
2	2018	2	1,446,335	\$134,044	\$0.09268
3	2018	3	1,367,280	\$126,939	\$0.09284
4	2018	4	1,363,305	\$122,810	\$0.09008
5	2018	5	1,224,550	\$117,793	\$0.09619
6	2018	6	1,386,740	\$130,712	\$0.09426
7	2018	7	1,484,005	\$128,466	\$0.08657
8	2018	8	1,487,595	\$130,671	\$0.08784
9	2018	9	1,822,810	\$148,129	\$0.08126
10	2018	10	1,567,115	\$132,418	\$0.08450
11	2018	11	1,300,355	\$128,917	\$0.09914
12	2018	12	1,051,595	\$100,525	\$0.09559

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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QUALIFYING SMALL BUSINESS IMPROVEMENT PROGRAM

RATE SCHEDULE 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	262,024	\$15,143	\$0.05779
2	2018	2	190,301	\$11,251	\$0.05912
3	2018	3	144,977	\$8,620	\$0.05946
4	2018	4	252,667	\$14,542	\$0.05755
5	2018	5	221,485	\$12,864	\$0.05808
6	2018	6	310,639	\$19,458	\$0.06264
7	2018	7	377,239	\$23,266	\$0.06167
8	2018	8	388,375	\$24,266	\$0.06248
9	2018	9	267,596	\$16,416	\$0.06135
10	2018	10	346,938	\$19,565	\$0.05639
11	2018	11	204,381	\$11,805	\$0.05776
12	2018	12	202,285	\$11,708	\$0.05788

* All participants were served under Schedule 5, therefore Base Revenue reflects Rate Schedule 5 non-fuel revenues excluding the Basic Customer Charge and excludes base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL WINDOW FILM PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	82,762	\$4,562	\$0.05512
2	2018	2	70,675	\$3,784	\$0.05354
3	2018	3	55,788	\$3,059	\$0.05483
4	2018	4	64,798	\$3,339	\$0.05153
5	2018	5	48,594	\$2,578	\$0.05305
6	2018	6	62,018	\$3,687	\$0.05945
7	2018	7	79,305	\$4,688	\$0.05911
8	2018	8	69,674	\$4,167	\$0.05981
9	2018	9	83,023	\$4,884	\$0.05883
10	2018	10	58,389	\$3,112	\$0.05330
11	2018	11	47,700	\$4,640	\$0.09727
12	2018	12	75,300	\$6,964	\$0.09248

* Base Revenue reflects Schedule 5 and 5P non-fuel revenues, excluding Basic Customer Charge and excludes base fuel, Rider A and Rider B fuel rates.

** Columns (C) & (D) are the sum of the kWh and the base revenue shown in Schedule 11 on pages 2 to 3 in Columns (C) & (D) of each rate table.

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NON-RESIDENTIAL WINDOW FILM PROGRAM

RATE SCHEDULE 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	82,762	\$4,562	\$0.05512
2	2018	2	70,675	\$3,784	\$0.05354
3	2018	3	55,788	\$3,059	\$0.05483
4	2018	4	64,798	\$3,339	\$0.05153
5	2018	5	48,594	\$2,578	\$0.05305
6	2018	6	62,018	\$3,687	\$0.05945
7	2018	7	79,305	\$4,688	\$0.05911
8	2018	8	69,674	\$4,167	\$0.05981
9	2018	9	83,023	\$4,884	\$0.05883
10	2018	10	58,389	\$3,112	\$0.05330
11	2018	11	-	\$0	\$0.00000
12	2018	12	-	\$0	\$0.00000

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL WINDOW FILM PROGRAM

RATE SCHEDULE 5P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	-	\$0	\$0.00000
2	2018	2	-	\$0	\$0.00000
3	2018	3	-	\$0	\$0.00000
4	2018	4	-	\$0	\$0.00000
5	2018	5	-	\$0	\$0.00000
6	2018	6	-	\$0	\$0.00000
7	2018	7	-	\$0	\$0.00000
8	2018	8	-	\$0	\$0.00000
9	2018	9	-	\$0	\$0.00000
10	2018	10	-	\$0	\$0.00000
11	2018	11	47,700	\$4,640	\$0.09727
12	2018	12	75,300	\$6,964	\$0.09248

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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NON-RESIDENTIAL PRESCRIPTIVE PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	2,117,779	\$143,163	\$0.06760
2	2018	2	1,950,967	\$133,398	\$0.06838
3	2018	3	1,898,502	\$128,433	\$0.06765
4	2018	4	1,962,837	\$129,620	\$0.06604
5	2018	5	1,896,478	\$126,454	\$0.06668
6	2018	6	2,330,928	\$151,438	\$0.06497
7	2018	7	2,432,513	\$167,785	\$0.06898
8	2018	8	2,544,793	\$176,952	\$0.06953
9	2018	9	2,354,461	\$160,467	\$0.06815
10	2018	10	2,403,310	\$153,558	\$0.06389
11	2018	11	1,890,651	\$122,620	\$0.06486
12	2018	12	1,946,561	\$122,548	\$0.06296

* Base Revenue reflects Schedule 10, 5, and 5P non-fuel revenues, excluding Basic Customer Charge and excludes base fuel, Rider A and Rider B fuel rates.

** Columns (C) & (D) are the sum of the kWh and the base revenue shown in Schedule 12 on pages 2 to 4 in Columns (C) & (D) of each rate table.

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 NORTH CAROLINA JURISDICTIONAL**

NON-RESIDENTIAL PRESCRIPTIVE PROGRAM

RATE SCHEDULE 10

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	429,460	\$18,923	\$0.04406
2	2018	2	424,256	\$16,894	\$0.03982
3	2018	3	399,325	\$15,904	\$0.03983
4	2018	4	429,828	\$17,162	\$0.03993
5	2018	5	415,514	\$15,172	\$0.03651
6	2018	6	506,035	\$18,826	\$0.03720
7	2018	7	523,645	\$27,675	\$0.05285
8	2018	8	517,845	\$25,889	\$0.04999
9	2018	9	521,982	\$30,133	\$0.05773
10	2018	10	512,069	\$17,977	\$0.03511
11	2018	11	454,587	\$14,466	\$0.03182
12	2018	12	446,640	\$16,029	\$0.03589

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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**NORTH CAROLINA DEMAND SIDE MANAGEMENT
 AVERAGE BASE RATES FOR THE TEST PERIOD
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RATE SCHEDULE 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	325,719	\$16,932	\$0.05198
2	2018	2	303,911	\$16,081	\$0.05291
3	2018	3	286,277	\$15,262	\$0.05331
4	2018	4	307,509	\$16,126	\$0.05244
5	2018	5	280,364	\$14,987	\$0.05346
6	2018	6	315,293	\$18,670	\$0.05921
7	2018	7	349,468	\$20,539	\$0.05877
8	2018	8	341,548	\$20,227	\$0.05922
9	2018	9	329,779	\$19,482	\$0.05908
10	2018	10	329,741	\$17,047	\$0.05170
11	2018	11	266,266	\$14,155	\$0.05316
12	2018	12	308,372	\$16,080	\$0.05214

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.

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RATE SCHEDULE 5P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2018	1	1,362,600	\$107,308	\$0.07875
2	2018	2	1,222,800	\$100,423	\$0.08213
3	2018	3	1,212,900	\$97,267	\$0.08019
4	2018	4	1,225,500	\$96,332	\$0.07861
5	2018	5	1,200,600	\$96,295	\$0.08021
6	2018	6	1,509,600	\$113,942	\$0.07548
7	2018	7	1,559,400	\$119,571	\$0.07668
8	2018	8	1,685,400	\$130,836	\$0.07763
9	2018	9	1,502,700	\$110,852	\$0.07377
10	2018	10	1,561,500	\$118,534	\$0.07591
11	2018	11	1,169,798	\$93,999	\$0.08035
12	2018	12	1,191,549	\$90,439	\$0.07590

* Base Revenue reflects the applicable rate schedules' non-fuel revenues, excluding Basic Customer Charge, base fuel, Rider A, and Rider B fuel rates.