

INFORMATION SHEET

PRESIDING: Commissioner Brown-Bland, presiding; Chairman Finley and Commissioners Dockham, Patterson, Gray, Clodfelter and Mitchell

PLACE: Dobbs Building, Room 2115, Raleigh, NC

DATE: November 8, 2018

TIME: 9:40 a.m. – 9:49 a.m.

DOCKET NO.: E-22, Sub 556

COMPANY: Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina

DESCRIPTION: Application pursuant to G.S. § 62-133.9 and NCUC Rule R8-69 for Approval of Demand-Side Management and Energy Efficiency Cost Recovery Rider.

VOLUME: 2

APPEARANCES

VIRGINIA ELECTRIC AND POWER COMPANY, d/b/a DOMINION ENERGY NORTH CAROLINA:

Andrea Kells, Esq.

Brett Breitschwerdt, Esq.

Ralph McDonald, Esq.

FOR THE USING AND CONSUMING PUBLIC:

Heather Fennell, Esq., Public Staff

WITNESSES

See attached.

EXHIBITS

See attached.

COPIES ORDERED: E-mail: Kells and Fennell

REPORTED BY: Kim Mitchell

TRANSCRIBED BY: Kim Mitchell

DATE TRANSCRIBED: November 26, 2018

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Clerk's Office
N.C. Utilities Commission

1 PLACE: Dobbs Building, Raleigh, North Carolina
2 DATE: November 8, 2018
3 DOCKET NO.: E-22, Sub 556
4 TIME IN SESSION: 9:40 a.m. - 9:49 a.m.
5 BEFORE: Commissioner ToNola D. Brown-Bland, Presiding
6 Chairman Edward S. Finley, Jr.
7 Commissioner Jerry C. Dockham
8 Commissioner James G. Patterson
9 Commissioner Lyons Gray
10 Commissioner Daniel G. Clodfelter
11 Commissioner Charlotte A. Mitchell
12
13

14 IN THE MATTER OF:

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

20 R8-69

21 Volume 2
22
23
24

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NORTH CAROLINA UTILITIES COMMISSION

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NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

OFFICIAL COPY

Nov 28 2018

DATE 11/18/2018
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 TITLE Counsel
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 CITY Raleigh NC
 ZIP 27613

APPEARING FOR: Dominion

APPLICANT COMPLAINANT _____ INTERVENOR _____
 PROTESTANT _____ RESPONDENT _____ DEFENDANT _____

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NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP

DATE 11/8/14
DOCKET #: F-22, Sub 556/
NAME OF ATTORNEY E. Brett Breitschwert
TITLE Partner
FIRM NAME McViney Woody
ADDRESS 434 Fayetteville St
CITY _____
ZIP _____

APPEARING FOR: Dominion Energy North Carolina

APPLICANT COMPLAINANT _____ INTERVENOR _____
PROTESTANT _____ RESPONDENT _____ DEFENDANT _____

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NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP

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Nov 28 2018

DATE 11.8.18
DOCKET #: E-22, SUB 554
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CITY Raleigh, NC ~~27602~~
ZIP 27602

APPEARING FOR: _____

APPLICANT _____ COMPLAINANT _____ INTERVENOR
PROTESTANT _____ RESPONDENT _____ DEFENDANT _____

CAROLINA INDUSTRIAL GROUP FOR FAIR UTILITY RATES (CIGFAR)

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NORTH CAROLINA UTILITIES COMMISSION
PUBLIC STAFF - APPEARANCE SLIP

DATE November 8, 2018 DOCKET #: E-22, Sub 556

PUBLIC STAFF MEMBER Heather D. Fennell

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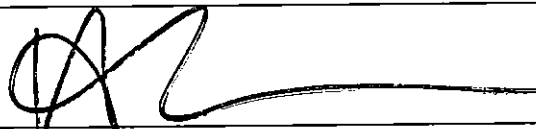
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Signature of Public Staff Member

J/A

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Nov 28 2018



**Dominion
Energy®**

**Application of Virginia
Electric and Power
Company, d/b/a Dominion
Energy North Carolina,
Direct Testimony and
Exhibits**

**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 NCUC
Rule R8-69**

Docket No. E-22, Sub 556

Filed: August 21, 2018

**Dominion Energy North Carolina
Application for Approval of Cost Recovery for Demand-Side
Management and Energy Efficiency Measures**

DOCKET NO. E-22, SUB 556

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STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-22, SUB 556

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

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

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”). 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, Ahsokie, 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:

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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, 2019, through January 31, 2020, 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, 2017, through December 31, 2017, 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 cost recovery mechanism, 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

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).

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 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

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).

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).

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 III DSM/EE programs: Non-residential Lighting Systems & Controls Program, Non-residential Heating & Cooling Efficiency Program, and Non-residential Window Film Program;¹¹ (c) the previously-approved Phase IV Residential Income and Age Qualifying Home Improvement Program;¹² (d) the previously-approved Phase V Small Business Improvement Program;¹³ (e) the previously-approved Residential Retail LED Lighting program;¹⁴ and (f) the previously-approved Phase VI Non-Residential Prescriptive Program.¹⁵ Dominion Energy North Carolina has also filed for Commission approval to prospectively offer two of the Phase III Programs, the Non-residential Heating and Cooling Efficiency Program and the Non-residential Lighting

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, Subs 507, 508, and 509. On August 16, 2018, the Company filed a motion in Docket No. E-22, Sub 509 requesting Commission approval to close the Non-residential Window Film Program.

¹² Docket No. E-22, Sub 523.

¹³ Docket No. E-22, Sub 538.

¹⁴ Docket No. E-22, Sub 539. On August 16, 2018, the Company filed a motion in Docket No. E-22, Sub 539 requesting Commission approval to close the Residential Retail LED Lighting Program.

¹⁵ Docket No. E-22, Sub 543.

Systems and Controls Program, on a North Carolina-only basis beginning on January 1, 2019.¹⁶

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 2015, 2016, and 2017 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, 2018 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 532.¹⁷

10. The Company's Application and prefiled direct testimony are consistent with the terms and conditions of the Mechanism, as approved by the Commission. Updated Rider C and the EMF rider, Rider CE, are intended to allow the Company to recover \$4,350,223 of DSM/EE expenses and incentives during the Rate Period. This

¹⁶ See Applications for approval of transition of Non-Residential Heating and Cooling Efficiency Program and Non-residential Lighting Systems and Controls Program to North Carolina-only basis, Docket No. E-22, Subs 507, 508 (Aug. 16, 2018).

¹⁷ See *Order Granting General Rate Increase*, Docket No. E-22, Sub 532 (Dec. 22, 2016).

amount includes an under-collection of \$1,839,922 during the Test Period and \$2,510,301 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	0.062 ¢/kWh	0.059 ¢/kWh	0.121 ¢/kWh
Small General Service & Public Authority	0.140 ¢/kWh	0.082 ¢/kWh	0.222 ¢/kWh
Large General Service	0.147 ¢/kWh	0.086 ¢/kWh	0.233 ¢/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. Updated Rider C and Rider CE will be in effect for the 12-month period from February 1, 2019, through January 31, 2020, the proposed Rate Period. As noted in Company Witness Alan J. Moore's direct testimony, Commission Rule R8-69(a) provides that the Rate Period for DSM/EE cost recovery is the same as the period during which the rider established under Commission Rule R8-55, the Company's fuel factor, is in effect. Therefore, and as discussed in Company Witness Michael T. Hubbard's direct testimony, in previous years, the Company has proposed Rider C rates to be effective for a calendar year Rate Period, consistent with the rate period previously used for fuel factor riders under Rule R8-55. Based on discussions with the Public Staff following the conclusion of the Company's 2017 rider proceedings, the Company is proposing for updated Riders C and CE to be effective for a February 1, 2019, through

January 31, 2020, Rate Period, and is proposing the same adjustment in its cost recovery rider applications filed pursuant to Rules R8-55 and R8-67. The Company is requesting this adjustment to the annual Rate Period in order to extend the time for the Commission to issue orders in the Company's three annual rider proceedings filed pursuant to NCUC Rules R8-55, R8-67, and R8-69, respectively, and to then allow the Company additional time to finalize rates and customer notices (including allowing reasonable time for Public Staff review) prior to the updated annual riders' effective date. The Company intends to continue to use a February 1 through January 31 rate period in future rider cases.

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 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, J. Clayton Crouch, and Debra A. Stephens.

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.

Respectfully submitted, this the 21st day of August, 2018.

DOMINION ENERGY NORTH CAROLINA

By: /s/E. Brett Breitschwerdt

Counsel

Counsel for Virginia Electric and Power Company,
d/b/a Dominion Energy North Carolina

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November 2, 2018

VIA ELECTRONIC FILING

Ms. M. Lynn Jarvis, Chief Clerk
North Carolina Utilities Commission
Dobbs Building
430 North Salisbury Street
Raleigh, North Carolina 27603

Re: Application of Dominion Energy North Carolina for Approval of Cost
Recovery for Demand-Side Management Programs and Energy Efficiency
Measures
Docket No. E-22, Sub 556

Dear Ms. Jarvis:

With this letter, Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina ("DENC" or the "Company") advises the North Carolina Utilities Commission ("Commission") that the Company is not filing rebuttal testimony in this proceeding. On October 25, 2018, the Public Staff filed the testimony of David M. Williamson and Michael C. Maness, describing the Public Staff's investigation of the Company's August 21, 2018 request for cost recovery and recommending that the Commission approve Riders C and CE, as proposed in DENC's Application. The Public Staff's witnesses also recommended that any impact to the Vintage 2017 and 2018 savings for the Company's North Carolina-only Residential RLED Program resulting from changes to the 2018 EM&V Report as filed on October 25, 2018 be addressed in DENC's 2019 cost recovery proceeding. The Company accepts this recommendation and, in light of the Public Staff's other recommendations for approval of Riders C and CE, files this letter in lieu of rebuttal testimony in this proceeding.

Please do not hesitate to contact me if you have any questions. Thank you for your assistance in this matter.

Very truly yours,

/s/Andrea R. Kells

ARK/mth

cc: Parties of Record

DENC Exhibit 2
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CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Letter in Lieu of Rebuttal Testimony, as filed in Docket No. E-22, Sub 556, was served electronically or via U.S. mail, first-class, postage prepaid, upon all parties of record.

This, the 2nd day of November, 2018.

/s/Andrea R. Kells

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*Attorney for Virginia Electric and Power
Company, d/b/a Dominion Energy North
Carolina*

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Revenue Requirement per Appropriate Unit¹²
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	10,141	63,793	N/A	\$ 159	N/A
Non-Residential Heating & Cooling Efficiency Program	132	41	169	N/A	\$ 785
Non-Residential Lighting Systems & Controls Program	276	219	1,214	N/A	\$ 227
Residential Income and Age Qualifying Home Improvement Program	4,180	746	7,698	N/A	\$ 543
Non-Residential Small Business Improvement Program	7,969	6,236	34,043	N/A	\$ 234
Non-Residential Prescriptive Program	6,540	12,455	81,270	N/A	\$ 80

Note: 1) Exclusive of net lost revenues

Note: 2) Based on Individual Program Evaluation

Avoided Costs per Appropriate Unit
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	\$ 2,324	63,793	N/A	\$ 36	\$ -
Non-Residential Heating & Cooling Efficiency Program	\$ 8	41	169	\$ 190	\$ 46
Non-Residential Lighting Systems & Controls Program	\$ 50	219	1,214	\$ 228	\$ 41
Residential Income and Age Qualifying Home Improvement	\$ 298	746	7,698	\$ 400	\$ 39
Non-Residential Small Business Improvement Program	\$ 1,463	6,236	34,043	\$ 235	\$ 43
Non-Residential Prescriptive Program	\$ 3,249	12,455	81,270	\$ 261	\$ 40

Note: Based on Individual Program Evaluation

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North Carolina only Non-Residential Heating and Cooling Efficiency Program UCT
Program Life 15.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 283	\$ 90	\$192.90	3.15	3.38
2018	\$ -	\$ -	\$ -		
2019	\$ 8	\$ 95	-\$88		
2020	\$ 65	\$ -	\$ 65		
2021	\$ 66	\$ -	\$ 66		
2022	\$ 18	\$ -	\$ 18		
2023	\$ 19	\$ -	\$ 19		
2024	\$ 20	\$ -	\$ 20		
2025	\$ 21	\$ -	\$ 21		
2026	\$ 22	\$ -	\$ 22		
2027	\$ 23	\$ -	\$ 23		
2028	\$ 24	\$ -	\$ 24		
2029	\$ 25	\$ -	\$ 25		
2030	\$ 26	\$ -	\$ 26		
2031	\$ 27	\$ -	\$ 27		
2032	\$ 28	\$ -	\$ 28		
2033	\$ 30	\$ -	\$ 30		
2034	\$ 14	\$ -	\$ 14		

Note: Based on Individual Program Evaluation

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North Carolina-only Non-Residential Heating and Cooling Efficiency Program UCT
Program Life 15.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 203	\$ 90	\$113.33	2.26	2.43
2018	\$ -	\$ -	\$ -		
2019	\$ 10	\$ 95	-\$85		
2020	\$ 18	\$ -	\$ 18		
2021	\$ 18	\$ -	\$ 18		
2022	\$ 18	\$ -	\$ 18		
2023	\$ 19	\$ -	\$ 19		
2024	\$ 20	\$ -	\$ 20		
2025	\$ 20	\$ -	\$ 20		
2026	\$ 22	\$ -	\$ 22		
2027	\$ 24	\$ -	\$ 24		
2028	\$ 24	\$ -	\$ 24		
2029	\$ 25	\$ -	\$ 25		
2030	\$ 25	\$ -	\$ 25		
2031	\$ 27	\$ -	\$ 27		
2032	\$ 28	\$ -	\$ 28		
2033	\$ 29	\$ -	\$ 29		
2034	\$ 15	\$ -	\$ 15		

Note: Based on Individual Program Evaluation

North Carolina only Non-Residential Lighting Systems and Controls Program UCT
Program Life 10.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 1,261	\$ 203	\$1,057.73	6.20	4.81
2018	\$ -	\$ -	\$ -		
2019	\$ 50	\$ 216	-\$166		
2020	\$ 360	\$ -	\$ 360		
2021	\$ 363	\$ -	\$ 363		
2022	\$ 109	\$ -	\$ 109		
2023	\$ 114	\$ -	\$ 114		
2024	\$ 116	\$ -	\$ 116		
2025	\$ 120	\$ -	\$ 120		
2026	\$ 128	\$ -	\$ 128		
2027	\$ 134	\$ -	\$ 134		
2028	\$ 138	\$ -	\$ 138		
2029	\$ 66	\$ -	\$ 66		

Note: Based on Individual Program Evaluation

AC Cycling Program UCT
Program Life 15.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 7,497	\$ 6,150	\$1,347.11	1.22	1.94
2018	\$ -	\$ -	\$ -		
2019	\$ 86	\$ 4,349	-\$4,263		
2020	\$ 2,572	\$ 240	\$ 2,332		
2021	\$ 2,594	\$ 240	\$ 2,354		
2022	\$ 307	\$ 240	\$ 67		
2023	\$ 327	\$ 240	\$ 87		
2024	\$ 348	\$ 240	\$ 108		
2025	\$ 372	\$ 240	\$ 132		
2026	\$ 393	\$ 240	\$ 153		
2027	\$ 424	\$ 240	\$ 184		
2028	\$ 449	\$ 240	\$ 209		
2029	\$ 482	\$ 240	\$ 242		
2030	\$ 513	\$ 240	\$ 273		
2031	\$ 537	\$ 240	\$ 297		
2032	\$ 552	\$ 240	\$ 312		
2033	\$ 567	\$ 240	\$ 327		
2034	\$ 242	\$ -	\$ 242		

Note: Based on Individual Program Evaluation

Income and Age Qualifying Home Improvement
Program Life 15.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Pen. Benefits	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 942	\$ 3,932	-\$2,990.58	0.24	0.24
2018	\$ -	\$ -	\$ -		
2019	\$ 33	\$ 4,180	-\$4,148		
2020	\$ 179	\$ -	\$ 179		
2021	\$ 180	\$ -	\$ 180		
2022	\$ 71	\$ -	\$ 71		
2023	\$ 74	\$ -	\$ 74		
2024	\$ 75	\$ -	\$ 75		
2025	\$ 77	\$ -	\$ 77		
2026	\$ 82	\$ -	\$ 82		
2027	\$ 87	\$ -	\$ 87		
2028	\$ 88	\$ -	\$ 88		
2029	\$ 92	\$ -	\$ 92		
2030	\$ 95	\$ -	\$ 95		
2031	\$ 98	\$ -	\$ 98		
2032	\$ 102	\$ -	\$ 102		
2033	\$ 108	\$ -	\$ 108		
2034	\$ 51	\$ -	\$ 51		

Note: Based on Individual Program Evaluation

Small Business Improvement Program
Program Life 14.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 9,821	\$ 7,301	\$2,519.43	1.35	1.03
2018	\$ -	\$ -	\$ -		
2019	\$ 308	\$ 7,762	-\$7,454		
2020	\$ 2,345	\$ -	\$ 2,345		
2021	\$ 2,354	\$ -	\$ 2,354		
2022	\$ 681	\$ -	\$ 681		
2023	\$ 710	\$ -	\$ 710		
2024	\$ 730	\$ -	\$ 730		
2025	\$ 758	\$ -	\$ 758		
2026	\$ 805	\$ -	\$ 805		
2027	\$ 845	\$ -	\$ 845		
2028	\$ 869	\$ -	\$ 869		
2029	\$ 916	\$ -	\$ 916		
2030	\$ 949	\$ -	\$ 949		
2031	\$ 981	\$ -	\$ 981		
2032	\$ 1,015	\$ -	\$ 1,015		
2033	\$ 479	\$ -	\$ 479		

Note: Based on Individual Program Evaluation

Non-Residential Prescriptive Program
Program Life 6.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 20,706	\$ 5,960	\$14,746.27	3.47	2.48
2018	\$ -	\$ -	\$ -		
2019	\$ 1,126	\$ 6,335	-\$5,209		
2020	\$ 7,713	\$ -	\$ 7,713		
2021	\$ 7,757	\$ -	\$ 7,757		
2022	\$ 2,433	\$ -	\$ 2,433		
2023	\$ 2,551	\$ -	\$ 2,551		
2024	\$ 2,601	\$ -	\$ 2,601		
2025	\$ 1,196	\$ -	\$ 1,196		

Note: Based on Individual Program Evaluation

PORTFOLIO
Program Life 15.00

Year	2018 Pen. Benefits	2018 Pen. Costs	Annual Net Benefits (000s)	2018 Vintage Year C/B Scores	
	Total Benefits (000s)	Total Costs (000s)		UCT Ratio	TRC Ratio
NPV	\$ 39,563	\$ 19,704	\$19,858.65	2.01	1.79
2018	\$ -	\$ -	\$ -		
2019	\$ 1,578	\$ 18,758	-\$17,179		
2020	\$ 13,047	\$ 240	\$ 12,807		
2021	\$ 13,136	\$ 240	\$ 12,896		
2022	\$ 3,549	\$ 240	\$ 3,309		
2023	\$ 3,721	\$ 240	\$ 3,481		
2024	\$ 3,815	\$ 240	\$ 3,575		
2025	\$ 2,470	\$ 240	\$ 2,230		
2026	\$ 1,348	\$ 240	\$ 1,108		
2027	\$ 1,426	\$ 240	\$ 1,186		
2028	\$ 1,480	\$ 240	\$ 1,240		
2029	\$ 1,489	\$ 240	\$ 1,249		
2030	\$ 1,488	\$ 240	\$ 1,248		
2031	\$ 1,544	\$ 240	\$ 1,304		
2032	\$ 1,595	\$ 240	\$ 1,355		
2033	\$ 1,075	\$ 240	\$ 835		
2034	\$ 257	\$ -	\$ 257		

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	0	0	0	0	0	0	0	0	0	0
Non-Residential Lighting Systems & Controls Program	159,339	193,288	198,635	204,087	209,646	212,664	213,495	214,311	215,099	215,860
Non-Residential Heating and Cooling Efficiency Program	70,367	108,956	113,859	118,852	123,935	126,804	127,705	128,590	129,445	130,270
Income and Age Qualifying Home Improvement Program	6,155	7,677	9,430	11,182	12,935	13,834	13,923	14,010	14,092	14,171
Small Business Improvement Program	17,389	33,401	52,153	61,749	63,212	64,147	64,653	65,149	65,628	66,091
Non-Residential Prescriptive Program	29,124	81,731	134,339	186,946	213,532	216,827	218,822	220,780	222,671	224,498

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	0	0	0	0	0	0	0	0	0	0
Non-Residential Lighting Systems & Controls Program	166,114	194,205	198,620	203,123	206,192	208,025	209,853	211,634	213,352	215,019
Non-Residential Heating and Cooling Efficiency Program	131,454	156,422	159,586	162,808	165,248	166,992	168,731	170,426	172,061	173,647
Income and Age Qualifying Home Improvement Program	6,018	8,107	10,196	12,284	13,380	13,523	13,665	13,802	13,933	14,058
Small Business Improvement Program	28,980	45,033	63,832	73,452	74,546	75,368	76,188	76,986	77,755	78,502
Non-Residential Prescriptive Program	99,769	188,453	277,136	365,820	408,891	413,399	417,897	422,278	426,504	430,603

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	-	-	-	-	-	-	-	-	-	0
Non-Residential Lighting Systems & Controls Program	(6,774)	(917)	14	964	3,454	4,639	3,642	2,676	1,747	841
Non-Residential Heating and Cooling Efficiency Program	(61,087)	(47,466)	(45,727)	(43,956)	(41,313)	(40,188)	(41,027)	(41,836)	(42,616)	(43,376)
Income and Age Qualifying Home Improvement Program	136	(430)	(766)	(1,102)	(445)	311	258	207	160	113
Small Business Improvement Program	(11,591)	(11,631)	(11,679)	(11,703)	(11,334)	(11,221)	(11,535)	(11,837)	(12,127)	(12,411)
Non-Residential Prescriptive Program	(70,646)	(106,722)	(142,797)	(178,873)	(195,359)	(196,572)	(199,075)	(201,498)	(203,833)	(206,105)

Notes:

Difference values are the 2018 Integrated Resource Plan Energy Savings less the 2017 Integrated Resource Plan Update Energy Savings.

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285	91,285
Non-Residential Lighting Systems & Controls Program	25,640	30,603	31,450	32,313	33,192	33,639	33,770	33,899	34,023	34,144
Non-Residential Heating and Cooling Efficiency Program	27,747	40,863	42,700	44,570	46,474	47,470	47,807	48,138	48,457	48,766
Income and Age Qualifying Home Improvement Program	1,182	1,538	1,883	2,229	2,574	2,728	2,746	2,763	2,779	2,795
Small Business Improvement Program	3,772	8,368	13,747	16,364	16,783	17,043	17,188	17,329	17,466	17,598
Non-Residential Prescriptive Program	4,638	12,524	20,390	28,256	31,956	32,433	32,731	33,023	33,306	33,579

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995	77,995
Non-Residential Lighting Systems & Controls Program	26,505	30,582	31,277	31,986	32,451	32,740	33,027	33,307	33,577	33,839
Non-Residential Heating and Cooling Efficiency Program	50,245	58,729	59,917	61,126	62,013	62,667	63,319	63,954	64,566	65,160
Income and Age Qualifying Home Improvement Program	1,177	1,575	1,973	2,372	2,553	2,581	2,608	2,634	2,659	2,682
Small Business Improvement Program	8,382	12,990	18,382	21,006	21,315	21,550	21,784	22,012	22,232	22,445
Non-Residential Prescriptive Program	14,784	27,456	40,128	52,799	58,452	59,097	59,739	60,364	60,967	61,552

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

Programs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Air Conditioner Cycling Program	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290	13,290
Non-Residential Lighting Systems & Controls Program	(855)	21	172	326	741	899	743	592	447	305
Non-Residential Heating and Cooling Efficiency Program	(22,498)	(17,866)	(17,217)	(16,557)	(15,539)	(15,197)	(15,512)	(15,816)	(16,109)	(16,394)
Income and Age Qualifying Home Improvement Program	6	(38)	(90)	(143)	21	148	138	129	121	112
Small Business Improvement Program	(4,610)	(4,622)	(4,636)	(4,642)	(4,532)	(4,507)	(4,596)	(4,683)	(4,765)	(4,847)
Non-Residential Prescriptive Program	(10,126)	(14,932)	(19,737)	(24,543)	(26,496)	(26,664)	(27,008)	(27,341)	(27,661)	(27,974)

Notes:

- Difference values are the 2018 Integrated Resource Plan Capacity Savings less the 2017 Integrated Resource Plan Update Capacity Savings.

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Air Conditioner Cycling Program				
	Participant	Utility	TRG	RIM
Total NPV Benefits	\$ 46,885	\$ 127,965	\$ 127,965	\$ 127,965
Total NPV Costs	\$ -	\$ 148,033	\$ 97,042	\$ 148,033
Net Benefits NPV	\$ 46,885	\$ (20,069)	\$ 30,923	\$ (20,069)
Benefit/Cost Ratio	N/A	0.86	1.32	0.86
Income and Age Qualifying Home Improvement Program				
	Participant	Utility	TRG	RIM
Total NPV Benefits	\$ 22,616	\$ 11,187	\$ 11,187	\$ 11,187
Total NPV Costs	\$ -	\$ 46,261	\$ 46,261	\$ 71,402
Net Benefits NPV	\$ 22,616	\$ (35,074)	\$ (35,074)	\$ (60,215)
Benefit/Cost Ratio	N/A	0.24	0.24	0.16
Small Business Improvement Program				
	Participant	Utility	TRG	RIM
Total NPV Benefits	\$ 94,867	\$ 59,330	\$ 59,330	\$ 59,330
Total NPV Costs	\$ 46,247	\$ 46,475	\$ 55,527	\$ 113,023
Net Benefits NPV	\$ 48,619	\$ 12,855	\$ 3,803	\$ (53,693)
Benefit/Cost Ratio	2.05	1.28	1.07	0.52

Note: Based on Individual Program Evaluation

	Portfolio			
	Participant	Utility	TRG	RIM
Total NPV Benefits	\$ 412,906	\$ 347,127	\$ 347,127	\$ 347,127
Total NPV Costs	\$ 128,735	\$ 280,287	\$ 261,346	\$ 588,351
Net Benefits NPV	\$ 284,171	\$ 66,840	\$ 85,781	\$ (241,224)
Benefit/Cost Ratio	3.21	1.24	1.33	0.59

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DSM Program	Actual NC EM&V Costs During Rate Period (12 Months Ended Dec 2017)
Residential Air Conditioner Cycling	
Residential Heat Pump Tune-Up	
Residential Heat Pump Upgrade	
Residential Duct Sealing	
Residential Home Energy Check-Up	
Non-Residential Duct Testing & Sealing	
Non-Residential Energy Audit	
Non Residential Heating & Cooling Efficiency	
Non Residential Lighting Systems & Controls	
Non Residential Solar Window Film	
Residential Income & Age Qualifying Home Improvement	
Residential Small Business Improvement Program	
Residential Retail LED Lighting Program (NC only)	

DSM Program	Projected NC EM&V Costs During 2019
Residential Air Conditioner Cycling	
Non Residential Heating & Cooling Efficiency (NC only)	
Non Residential Lighting Systems & Controls (NC only)	
Non Residential Solar Window Film	
Residential Income and Age Qualifying	
Non Residential Small Business Improvement	
Residential Retail LED Lighting Program (NC only)	
Non-Residential Prescriptive Program	

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INC GENERAL RATE CASE, DOCKET E-22, SUB 558				2017												2017 Total		
Phase II EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2017 Percentage	1	2	3	4	5	6	7	8	9	10	11	12	2017 Total		
				Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
Residential Heat Pump Tune Up Program:																		
163	Schedule 1	99.0%		10,185	10,713	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	11,055	131,448	
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	1,296	
Residential Heat Pump Tune Up Sub-Total:				100.0%	10,293	10,821	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	132,744	
Residential Heat Pump Upgrade Program:																		
163	Schedule 1	99.3%		5,799	6,207	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	6,352	75,468	
164	Schedule 1P	0.3%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
165	Schedule 1DF	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Residential Heat Pump Upgrade Sub-Total:				100.0%	5,760	6,237	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	75,756
Residential Home Energy Check Up Program:																		
163	Schedule 1	93.6%		598	2,844	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	37,892	
164	Schedule 1P	3.8%		-	139	139	139	139	139	139	139	139	139	139	139	139	1,528	
165	Schedule 1T	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
166	Schedule 1DF	2.7%		-	98	98	98	98	98	98	98	98	98	98	98	98	1,080	
195	Schedule 26	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Residential Home Energy Check Up Sub-Total:				100.0%	598	3,181	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	40,499
Residential Duct Sealing Program:																		
163	Schedule 1	98.3%		683	753	774	774	774	774	774	774	774	774	774	774	774	9,180	
166	Schedule 1DF	1.8%		24	24	24	24	24	24	24	24	24	24	24	24	24	266	
Residential Duct Sealing Sub-Total:				100.0%	683	759	774	774	774	774	774	774	774	774	774	774	774	9,346
Non-Residential Duct Sealing and Testing Program:																		
168	Schedule 5	50.5%		22,869	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	23,586	292,312	
170	Schedule 5P	8.0%		3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	43,224	
176	Schedule 6P	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
182	Schedule 7	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
183	Schedule 10 (Variable Pricing)	20.3%		-	-	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	11,554	115,542	
184	Schedule 30	13.3%		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	6.7%		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%	35,214	35,981	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	558,594
Non-Residential Energy Audit Program:																		
168	Schedule 5	9.9%		930	3,041	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	6,262	66,656	
170	Schedule 5P	57.6%		23,793	32,832	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	35,639	419,018	
176	Schedule 6P	9.5%		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	69,216	
183	Schedule 10 (Variable Pricing)	23.5%		8,801	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	14,485	168,132	
184	Schedule 30	0.0%		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	198	
195	Schedule 26	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-Residential Energy Audit Sub-Total:				100.0%	39,305	56,082	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	728,462
Total:					92,903	114,051	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	132,624	1,513,339

NOTES:

- Net energy savings (kWh) are based on DNV GL's analysis of EMSV data from actual program participants.
- 2017 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2017 that are accumulated and realized between January 1, 2017 through December 31, 2017.

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NC GENERAL RATE CASE; DOCKET E-22, SUB 532

Phase III EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2017 Percentage	2017												2017 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 Heating and Cooling Efficiency:																		
	168	Schedule 5	6.8%	72	72	72	72	72	72	72	72	72	72	569	569	569	569	2,850
	170	Schedule 5P	0.4%	-	-	-	-	-	-	25	25	25	25	25	25	25	25	172
	183	Schedule 10 (Variable Pricing)	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	184	Schedule 30	10.7%	374	374	374	374	374	374	374	374	374	374	374	374	374	374	4,483
	188	Schedule 42	82.7%	-	-	-	-	-	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	4,318	34,547
Non-Residential Heating and Cooling Efficiency Sub-Total:				100.0%	445	445	445	445	4,764	4,788	4,788	4,788	4,788	5,285	5,285	5,285	5,285	42,051
Non-Residential Lighting Systems and Controls:																		
	168	Schedule 5	34.7%	35,590	35,590	45,066	51,141	56,325	56,325	56,325	63,884	71,538	73,011	74,119	74,152	74,152	74,152	693,076
	170	Schedule 5P	46.8%	54,471	57,343	57,343	62,133	86,777	86,777	86,777	86,777	86,777	92,705	92,705	92,705	92,705	92,705	949,216
	176	Schedule 6P	2.4%	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	4,059	48,709
	183	Schedule 10 (Variable Pricing)	7.1%	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	12,064	144,772
	184	Schedule 30	3.3%	-	-	-	821	993	993	993	993	993	15,444	15,444	15,444	15,444	15,444	55,565
	188	Schedule 42	6.2%	6,860	6,860	6,860	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	11,669	125,605
Non-Residential Lighting Systems and Controls Sub-Total:				100.0%	113,044	115,917	125,393	141,887	171,887	171,887	171,887	179,447	207,479	208,952	210,060	210,103	210,103	2,027,944
Total:					113,490	116,362	125,839	142,333	176,651	176,676	176,676	184,235	212,764	214,238	215,345	215,388	215,388	2,069,995

NOTES:

- 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.
- 2017 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2017 that are accrued and realized between January 1, 2017 through December 31, 2017.

Company Exhibit DRK-1
 Schedule 6
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NC GENERAL RATE CASE: DOCKET E-22, SUB 532			2017												2017 Total	
Phase IV EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2017 Percentage	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		2,738	696	735	475	288	180	121	365	354		291	1,077	
	163	Schedule 1	99.3%	9,740	10,436	11,171	11,646	11,934	12,113	12,235	12,600	12,954	12,954	13,245	14,322	145,350
	168	Schedule 5														
	168	Schedule 5	0.7%	89	89	89	89	89	89	89	89	89	89	89	89	1,073
Residential Income and Age Qualifying Home Improvement Sub-Total:				9,829	10,526	11,260	11,735	12,023	12,203	12,324	12,689	13,043	13,043	13,334	14,412	146,423
Total:			100.0%	9,829	10,526	11,260	11,735	12,023	12,203	12,324	12,689	13,043	13,043	13,334	14,412	146,423

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. 2017 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, June 1, 2016 through December 31, 2017 that are accumulated and realized between January 1, 2017 through December 31, 2017.

Company Exhibit DRK-1
 Schedule 6
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INC GENERAL RATE CASE, DOCKET E-22, SUB 556

Phase V EE Programs: Net Energy Savings (kWh) (Cumulative by Month)	Rate Code	Rate Schedule	2017* Percentage	2017												2017 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 Small Business Improvement	168	Schedule 5	100.0%							1,049	3,982							7,873	39,109
Non-Residential Small Business Improvement Sub-Total:	168	Schedule 5	100.0%							1,049	3,982	5,031	5,031	5,031	5,031	5,031	5,031	12,904	39,109
Residential Retail LED:												13,955	40,158	40,685	67,096	45,712			
Residential Retail LED Sub-Total:			100.0%									13,955	54,112	84,787	151,893	187,605			512,362
Total:			100.0%							1,049	3,982	18,986	59,143	99,828	156,924	210,509			551,471

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. 2017 Total Energy savings (kWh) are inclusive of EE measures installed on, or after, January 1, 2017 through December 31, 2017 that are accumulated and realized over the same period.

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Date	Weather Conditions °F	Event Trigger	Control Mode	Number of Customers Controlled	Number of Customers Enrolled
12-Jun-17	91	Peak Shaving	AC Units	81,795	97,838
13-Jun-17	90	Peak Shaving	AC Units	81,623	97,716
22-Jun-17	87	Peak Shaving	AC Units	81,553	97,251
3-Jul-17	93	Peak Shaving	AC Units	81,510	96,975
7-Jul-17	89	Peak Shaving	AC Units	81,490	96,937
11-Jul-17	95	Peak Shaving	AC Units	81,443	96,913
12-Jul-17	98	Peak Shaving	AC Units	81,331	96,878
13-Jul-17	98	Peak Shaving	AC Units	81,153	96,742
14-Jul-17	97	Peak Shaving	AC Units	80,973	96,520
18-Jul-17	91	Peak Shaving	AC Units	80,945	96,254
19-Jul-17	94	Peak Shaving	AC Units	80,853	96,155
20-Jul-17	97	Peak Shaving	AC Units	80,752	96,022
21-Jul-17	97	Peak Shaving	AC Units	80,668	95,877
24-Jul-17	94	Peak Shaving	AC Units	80,645	95,798
27-Jul-17	88	Peak Shaving	AC Units	68,663	95,622
1-Aug-17	89	Peak Shaving	AC Units	68,658	95,546
2-Aug-17	89	Peak Shaving	AC Units	68,654	95,523
3-Aug-17	92	Peak Shaving	AC Units	68,652	95,486
4-Aug-17	90	Peak Shaving	AC Units	68,632	95,404
16-Aug-17	90	Peak Shaving	AC Units	68,621	95,025
17-Aug-17	85	Peak Shaving	AC Units	68,614	95,003
18-Aug-17	91	Peak Shaving	AC Units	80,611	94,962
21-Aug-17	88	Peak Shaving	AC Units	80,596	94,918
22-Aug-17	90	Peak Shaving	AC Units	80,559	94,868
23-Aug-17	85	Peak Shaving	AC Units	80,540	94,805
5-Sep-17	86	Peak Shaving	AC Units	80,576	94,514
20-Sep-17	88	Peak Shaving	AC Units	81,873	94,169
21-Sep-17	88	Peak Shaving	AC Units	81,852	94,134
25-Sep-17	87	Peak Shaving	AC Units	81,816	94,080

Definitions:

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.

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Program ID	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13	Column 14	Column 15
Sub	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Phase 1 Total	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647	281,647
Phase 2 Total	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740	22,740
Phase 3 Total	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229	244,229
Grand Total	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616	548,616
Program Capital Fund	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219	1,733,219
Program Capital Fund	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215	43,215
Program and Common Fund Total	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434
Grand Total	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434	1,776,434

1. Totals = Total of all subtotals
 2. Due to rounding errors, some amounts may not sum exactly
 3. Cash includes PP & Loan Revenue

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Demand Side Management (DSM)
Projected System Costs
Program: Load Control - Phase 1
Start: Feb 2019 to Jan 2020
Deliver:

DOCKET NO. E-22, SUB 556

Company Exhibit E2-1
Schedule 2
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CONFIDENTIAL INFORMATION REDACTED

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Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
[REDACTED]													
Grand Total	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687	\$ 391,687

- Notes:
1. System = Total of All Interactions
 2. Res. = Residential; Com. = Commercial; Bus Res. = Non-Residential
 3. Costs exclude PPI & Load Resources

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Program	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Programs													
[REDACTED]													
Total of Program Costs													
Grand Total	\$	\$12,240	\$	\$12,240	\$	\$13,360	\$	\$13,360	\$	\$15,960	\$	\$15,960	\$19,670

Notes:
 1. System = Total of All Jurisdictions
 2. Res. = Residential; Com. = Commercial; Non Res. = Non Residential
 3. Costs exclude PPI & Lead Allowance

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Demand Side Management (DSM)
Projected System Costs
Financial Cost Data - 2018-2020
Date: 7/14/2018 10:40:13 AM

DOCKET NO. E-22, SUB 556

Company Exhibit 22-1
Schedule 1
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Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
[REDACTED]												

Notes:

1. System is Total of All Jurisdictions
2. Sys. is Residential, Com. & Commercial, Non Res. & Non Residential
3. Costs exclude PWT & In-It Recoveries

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Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column	Column
1	2	3	4	5	6	7	8	9	10	11	12	13
2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	Base Year
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	2019

Programs
PCB-1

[Redacted Table Content]

Notes:

- System is Total of All Applications
- Costs are for the entire system, including the cost of the system and the cost of the system.
- Costs include PVI & Load Recovery

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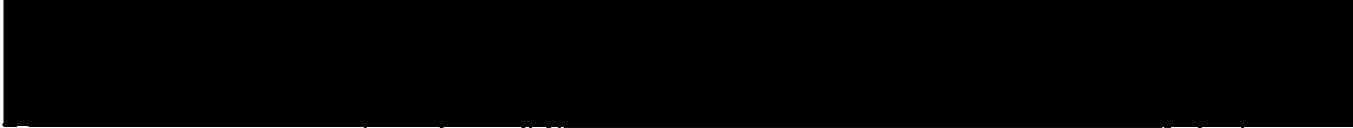
Demand Side Management (DSM)

DOCKET NO. E-22, SUB 556

Projected System Costs
Estimated Cost Dollars - 2018-2020
Data as of 10/23/18 10:30 AM
Dollars

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Programs	Column 1 2018	Column 2 2018	Column 3 2019	Column 4 2019	Column 5 2019	Column 6 2019	Column 7 2019	Column 8 2019	Column 9 2019	Column 10 2019	Column 11 2019	Column 12 2020	Column 13 2020	Column 14 2020
Programs	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar



Notes:

- 1. System = Total of All Jurisdictions
- 2. Max. = Maximum Cost, = Capacity Cost, = Non Residential
- 3. Costs exclude PPA & Load Resources

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Common Costs

	Column 1 Feb	Column 2 Mar	Column 3 Apr	Column 4 May	Column 5 Jun	Column 6 Jul	Column 7 Aug	Column 8 Sep	Column 9 Oct	Column 10 Nov	Column 11 Dec	Column 12 Jan	Column 13
Energy Conservation Labor													
Customer Communication	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897	25,897
Consultant Support													
Dues & Associations	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533	8,533
Energy Conservation Staff Support	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333	3,333
Total Common Costs	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092	\$ 199,092

Notes:

1. System = Total of All Jurisdictions

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 Nov 28 2018

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Demand Side Management (DSM)

Program Cost Details - Non-NC DSM Programs

DOCKET NO. E-22, SUB 556

Company Exhibit 323-
Schedule 4
Page 1 of 1

Rate Yr: Feb 2015 to Jan 2020
Dollars

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Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Other

DSM Phase II Program												
Total	\$	\$1,605	\$	\$1,605	\$	\$1,605	\$	\$1,605	\$	\$1,605	\$	\$1,605

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- Notes:
- System = Total of All Jurisdictions
 - Rate = Residential; Cost = Commercial; Non-Residential
 - All the costs on this page are only for the purpose of allocating project of common costs among programs. Dominion NC Power is not requesting any cost recovery for DSM Phase II OG program. The DSM program costs shown above are direct costs. However, the total types of costs for these programs that are not requested in this filing include direct costs, common costs, PPL, non-revenue, etc.

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Row	Projected by Program Total		Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2019	Year 2020	Total
			Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan			
1	DSM I	Res	Lighting	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	3 388	40 653
2	DSM I	Res	Air Conditioner Cycling	559	559	559	559	559	559	559	559	559	559	559	559	559	6 713
3	DSM I	Res	Low Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	DSM I	Com	Lighting	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	2 280	27 365
5	DSM I	Com	HVAC	435	435	435	435	435	435	435	435	435	435	435	435	435	5 215
6	DSM I	Com	Lighting - NC	367	367	367	367	367	367	367	367	367	367	367	367	367	4 399
7	DSM I	Com	HVAC Upgrade - NC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	DSM II	Res	Heat Pump Tune-Up	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	DSM II	Res	Heat Pump Upgrade	288	288	288	288	288	288	288	288	288	288	288	288	288	3 455
10	DSM II	Res	Duct Sealing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	DSM II	Res	Home Energy Check-Up	16	16	16	16	16	16	16	16	16	16	16	16	16	194
12	DSM II	Non Res.	Duct Testing & Sealing	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	5 543	66 517
13	DSM II	Non Res.	Energy Audit	527	527	527	527	527	527	527	527	527	527	527	527	527	6 339
14	DSM III	Non Res.	Lighting Systems & Controls	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	4 782	57 283
15	DSM III	Non Res.	Heating & Cooling Efficiency	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	2 993	35 919
16	DSM III	Non Res.	Window Film	813	813	813	813	813	813	813	813	813	813	813	813	813	9 756
17	DSM III	Non Res.	Lighting Systems & Controls - NC Only	180	180	180	180	180	180	180	180	180	180	180	180	180	2 160
18	DSM III	Non Res.	Heating & Cooling Efficiency - NC Only	80	80	80	80	80	80	80	80	80	80	80	80	80	955
19	DSM IV	Res.	Income and Age Qualifying Home Improve	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	DSM V	Non Res.	Qualifying 5m All Business Improvement	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	1 037	12 445
21	DSM V	Res.	LED Lighting - NC Only	932	932	932	932	932	932	932	932	932	932	932	932	932	11 181
22	DSM VI	Non Res.	Prescriptive	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	1 025	12 304
23	Projected	Total		25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	25 245	302 935

From DSM E-22, Sub 543
 Company Exhibit No. JEB-1
 Schedule 1
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Year 2018

System Program	Projected Direct Costs			
Res.	Air Conditioner Cycling	1.0%	\$ 3,854	
Non Res.	Window Film	1.0%	1,371	
Non Res.	Heating & Cooling Efficiency	1.0%	1,212	
Non Res.	Lighting Systems & Controls	1.0%	5,854	
Non Res.	Qualifying Small Business Improvement	1.0%	4,013	
Res.	LED Lighting - NC Only	1.0%	11,181	
Non Res.	Prescriptive	1.0%	3,828	
Total			\$ 32,528,442	29,913

From DSM E-22, Sub XXX
 Company Exhibit No. JEB-1
 Schedule 1
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Year 2019

System Program	Projected Direct Costs			
Res.	Air Conditioner Cycling	1.0%	\$ 4,058	
Non Res.	Window Film	1.0%	-	
Non Res.	Heating & Cooling Efficiency - NC Only	1.0%	955	
Non Res.	Lighting Systems & Controls - NC Only	1.0%	2,160	
Non Res.	Qualifying Small Business Improvement	1.0%	4,667	
Res.	LED Lighting - NC Only	1.0%	-	
Non Res.	Prescriptive	1.0%	3,810	
Total			\$ 21,908,839	\$ 15,650

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Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2017
 AC Cycling Program
 Dollars

Company Exhibit JEB-1
 Schedule 6
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Row	Col1		Col2	
	Vintage Year 2017 Planned		Vintage Year 2017 Actual	
1				
2				
3				
4	System Net Benefit			(\$1,777,133)
5	Jurisdictional Allocation %			5.4105%
6				
7	NC Net Benefit			(\$96,152)
8	NC DR Program Incentive %	9.08%		9.08%
9	NC DR Program Incentive %	\$0		(\$8,731)
10				
11	Years to Spread Benefit	10		10
12	Financial Rate	6.22%		6.22%
13	Amortized Benefit	\$4,666		(\$1,199)

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation; 9.08% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Planning Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "kW verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

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Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2017
 Non Res Lighting & Controls
 Dollars

Company Exhibit JEB-1
 Schedule 6
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Row		Col1 Vintage Year 2017 Planned	Col2 Vintage Year 2017 Actual
1			
2			
3			
4	System Net Benefit		\$12,539,052
5	Jurisdictional Allocation %		6.0132%
6			
7	NC Net Benefit		\$753,998
8	NC EE Program Incentive %	14.76%	14.76%
9	NC EE Program Incentive \$	\$0	\$111,290
10			
11	Years to Spread Benefit	10	10
12	Financial Rate	6.22%	6.22%
13	Amortized Benefit	\$3,473	\$15,281

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 14.76% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Planning Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
Program Performance Incentive (PPI) Trueup for Year 2017
Non Res HVAC
Dollars

Company Exhibit JEB-1
Schedule 6
Page 3 of 8

Row		Col1 Vintage Year 2017 Planned	Col2 Vintage Year 2017 Actual
1			
2			
3			
4	System Net Benefit		\$3,358,054
5	Jurisdictional Allocation %		6.0132%
6			
7	NC Net Benefit		\$201,927
8	NC EE Program Incentive %	14.76%	14.76%
9	NC EE Program Incentive \$	\$0	\$29,804
10			
11	Years to Spread Benefit	10	10
12	Financial Rate	6.22%	6.22%
13	Amortized Benefit	\$1,225	\$4,092

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 14.76% Incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Planning Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2017
 Non Res Window Film
 Dollars

Company Exhibit JEB-1
 Schedule 6
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Row	Col1 Vintage Year 2017 Planned	Col2 Vintage Year 2017 Actual
1		
2		
3		
4	System Net Benefit	\$1,034,829
5	Jurisdictional Allocation %	6.0132%
6		
7	NC Net Benefit	\$62,226
8	NC EE Program Incentive %	14.76%
9	NC EE Program Incentive \$	\$9,185
10		
11	Years to Spread Benefit	10
12	Financial Rate	6.22%
13	Amortized Benefit	\$1,261

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 14.76% Incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Planning Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2017
 Non Res Small Business
 Dollars

Company Exhibit JEB-1
 Schedule 6
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Row		Col1 Vintage Year 2017 Planned	Col2 Vintage Year 2017 Actual
1			
2			
3			
4	System Net Benefit		\$6,918,871
5	Jurisdictional Allocation %		6.0132%
6			
7	NC Net Benefit		\$416,046
8	NC EE Program Incentive %	14.76%	14.76%
9	NC EE Program Incentive \$	\$0	\$61,408
10			
11	Years to Spread Benefit	10	10
12	Financial Rate	6.22%	6.22%
13	Amortized Benefit	\$3,509	\$8,432

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 14.76% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Planning Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2016 - EM&V Correction
 Non Res Duct
 Dollars

Company Exhibit JEB-1
 Schedule 6
 Page 6 of 8

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Row	Col1 Vintage Year 2016 Planned	Col2 Vintage Year 2016 Actual
1		
2		
3	System Net Benefit	\$20,721,161
4	Jurisdictional Allocation %	6.0314%
5		
6	NC Net Benefit	\$1,249,776
7	NC EE Program Incentive %	13.0%
8	NC EE Program Incentive \$	\$0
9		
10	Years to Spread Benefit	10
11	Financial Rate	6.29%
12	Amortized Benefit	\$3,804

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 13% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Rate Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2016 - EM&V Correction
 Non Res Lighting & Controls
 Dollars

Company Exhibit JEB-1
 Schedule 6
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 Aug 21 2018
 Nov 28 2018

Row		Col1 Vintage Year 2016 Planned	Col2 Vintage Year 2016 Actual
1			
2			
3	System Net Benefit		\$21,688,005
4	Jurisdictional Allocation %		6.0314%
5			
6	NC Net Benefit		\$1,308,090
7	NC EE Program Incentive %	13.0%	13.0%
8	NC EE Program Incentive \$	\$0	\$170,052
9			
10	Years to Spread Benefit	10	10
11	Financial Rate	6.29%	6.29%
12	Amortized Benefit	\$3,434	\$23,418

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 13% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Rate Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "KWH verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

Demand Side Management
 Program Performance Incentive (PPI) Trueup for Year 2016 - EM&V Correction
 Non Res HVAC
 Dollars

Company Exhibit JEB-1
 Schedule 6
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Row	Col1 Vintage Year 2016 Planned	Col2 Vintage Year 2016 Actual
1		
2		
3	System Net Benefit	\$11,999,714
4	Jurisdictional Allocation %	6.0314%
5		
6	NC Net Benefit	\$723,751
7	NC EE Program Incentive %	13.0%
8	NC EE Program Incentive \$	\$94,088
9		
10	Years to Spread Benefit	10
11	Financial Rate	6.29%
12	Amortized Benefit	\$1,160

Notes:

- 1 Jurisdictional allocation factors are from Rate Department.
- 2 From the NC Stipulation: 13% incentive; 10 year benefit amortization
- 3 The financial rate for the amortization is from the Rate Department.
- 4 Starting in 2015, the Planned Benefit was estimate of 1% of NC program costs

System Benefits:

- 1 Using measure life years from the program summaries in the original DSM case filing.
- 2 Using "kWh verified per unit savings" from EM&V filing
- 3 Counts from EM&V filing.

System Costs:

- 1 Program costs include direct costs.

I/A

Demand Side Management (DSM)
System DSM Programs & Common Cost O&M Expense Actuals (1)
Test Period: Jan 2017 to Dec 2017
In Dollars

DOCKET NO. E-22, SUB 556

Company Exhibit IEB-1
Schedule 7
Page 1 of 1

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Table with columns for Year 2017 (Jan-Dec) and 12 Month Total. Rows include Subtotal 1, Subtotal 2, Subtotal 3, Subtotal 4, Subtotal 5, Common Costs, and Total AE O&M Costs. Values are in dollars.

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Notes:
1 This schedule does not include PPI, Lost Revenues or Capital. Nor does it include Electric Vehicles (which is Virginia only).
2 The DSM I Commercial HVAC and DSM I Commercial Lighting Programs became 100% NC only Programs on January 1, 2014 (see Docket No. E-22 SUB 447 Commercial HVAC and Commercial Lighting Final Orders dated 12/16/2013).
3 The DSM I Residential Low Income Program became 100% NC only on January 1, 2015 (see Docket No. E-22 SUB 513).
4 The Virginia only costs are for purposes of allocating common costs among programs. Dominion Energy NC is not requesting cost recovery for DSM Phase IV Appliance Recycling or Phase VI Non Residential Prescriptive programs or the DG program in this filing.

I/A

**Dominion North Carolina Power
Docket No. E-22, Sub 556
Projected Revenue Requirement for DSM/EE Rider C
For the Rate Period February 1, 2019 - January 31, 2020**

<u>line no.</u>	<u>Rider C</u>	<u>Item Location / Formula</u>
1 Projected Operating Expense Revenue Requirement	\$ 2,071,198	Sch 1, Page 3, Line 5
2 Projected Capital Costs Revenue Requirement	\$ 136,168	Sch 1, Page 3, Line 6 + Line 7 + Line 8
3 Projected Net Lost Revenues	\$ -	Sch 1, Page 3, Line 9
4 Projected Program Performance Incentive Revenue Requirement	\$ <u>302,935</u>	Sch 1, Page 3, Line 10
5 Total Revenue Requirement	\$ 2,510,301	Line 1 + Line 2 + Line 3 + Line 4

**Dominion Energy North Carolina
Docket No. E-22, Sub 556
Projected Revenue Requirement for DSM/EE Rider C
For the Rate Period February 1, 2019 - January 31, 2020**

	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Rate Period Total
1 System Program Projected Operating Expenses													
Air Conditioner Cycling Program													
Commercial HVAC Upgrade Program													
Commercial Lighting Program													
Commercial Heat Pump Tune-Up Program													
Residential Heat Pump Upgrade Program													
Residential Heat Pump Tune-Up 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 Window Film Program													
Non-Residential Heating & Cooling Efficiency Program													
Non-Residential Lighting Systems & Controls Program													
Residential Income and Age Qualifying Home Improvement Program													
Qualifying Small Business Improvement Program													
Residential LED Lighting - NC Only													
Non-Residential Prescriptive Program													
2 Allocate System Common Costs to Programs													
Air Conditioner Cycling Program	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 760,430
Commercial HVAC Upgrade Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Lighting Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Heat Pump Tune-Up Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Upgrade Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Tune-Up 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 Window Film Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Heating & Cooling Efficiency Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Lighting Systems & Controls Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Income and Age Qualifying Home Improvement Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Qualifying Small Business Improvement Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential LED Lighting - NC Only	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Prescriptive Program	-	-	-	-	-	-	-	-	-	-	-	-	-
3 System Projected Operating Expenses Including Allocated Common Costs													
Air Conditioner Cycling Program	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 83,389	\$ 760,430
Commercial HVAC Upgrade Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Lighting Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Heat Pump Tune-Up Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Upgrade Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Heat Pump Tune-Up 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 Window Film Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Heating & Cooling Efficiency Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Lighting Systems & Controls Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Income and Age Qualifying Home Improvement Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Qualifying Small Business Improvement Program	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential LED Lighting - NC Only	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Residential Prescriptive Program	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Jurisdictional Assignment Factors													
Air Conditioner Cycling Program	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%
Commercial HVAC Upgrade Program	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Commercial Lighting Program	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Commercial Heat Pump Tune-Up Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Heat Pump Upgrade Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Heat Pump Tune-Up Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Duct Testing & Sealing Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Home Energy Check-Up Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Duct Testing & Sealing Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Energy Audit Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Window Film Program	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Non-Residential Heating & Cooling Efficiency Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Lighting Systems & Controls Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Income and Age Qualifying Home Improvement Program	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Qualifying Small Business Improvement Program	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Residential LED Lighting - NC Only	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Prescriptive Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%

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**Dominion Energy North Carolina
Docket No. E-22, Sub 556
Projected Revenue Requirement for DSMEE Rider C
For the Rate Period February 1, 2019 - January 31, 2020**

line no.	Projection Feb-19	Projection Mar-19	Projection Apr-19	Projection May-19	Projection Jun-19	Projection Jul-19	Projection Aug-19	Projection Sep-19	Projection Oct-19	Projection Nov-19	Projection Dec-19	Projection Jan-20	Rate Period Total
5 Projected NC Jurisdiction Operating Expenses (Line 3 * Line 4)	[REDACTED]												
Air Conditioner Cycling Program													
Commercial HVAC Upgrade Program													
Commercial Lighting Program													
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 Window Film Program													
Non-Residential Heating & Cooling Efficiency Program													
Non-Residential Lighting Systems & Controls Program													
Residential Income and Age Qualifying Home Improvement Program													
Qualifying Small Business Improvement Program													
Residential LED Lighting - NC Only													
Non-Residential Prescriptive Program													
6 Projected NC Jurisdiction Depreciation Expense (Page 4, Line 5 * Line 10)	\$ 6,506	\$ 6,533	\$ 6,560	\$ 6,587	\$ 6,613	\$ 6,640	\$ 6,667	\$ 6,694	\$ 6,721	\$ 6,748	\$ 6,775	\$ 6,801	\$ 79,845
Air Conditioner Cycling Program													
7 Projected NC Jurisdiction Property Taxes	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 789	\$ 9,471
Air Conditioner Cycling Program													
8 Projected NC Jurisdiction Rate Base Costs (Page 4, Line 21)	\$ 3,956	\$ 3,950	\$ 3,944	\$ 3,937	\$ 3,927	\$ 3,917	\$ 3,905	\$ 3,892	\$ 3,878	\$ 3,863	\$ 3,847	\$ 3,836	\$ 46,852
Air Conditioner Cycling Program													
9 NC Jurisdiction Projected Net Lost Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 NC Jurisdiction Projected Program Performance Incentive (PPI)	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 40,653
Residential Lighting (PPI Only)	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 559	\$ 6,713
Air Conditioner Cycling Program	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 5,215
Commercial HVAC Upgrade Program	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 31,764
Commercial Lighting Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Tune-up Program	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 3,455
Residential Heat Pump Upgrade Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Duct Testing & Sealing Program	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 194
Residential Home Energy Check-Up Program	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 66,517
Non-Residential Duct Testing & Sealing Program	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 6,319
Non-Residential Energy Audit Program	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 813	\$ 9,756
Non-Residential Window Film Program	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 3,073	\$ 36,874
Non-Residential Heating & Cooling Efficiency Program	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 4,962	\$ 59,544
Non-Residential Lighting Systems & Controls Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income and Age Qualifying Home Improvement Program	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 1,037	\$ 12,445
Qualifying Small Business Improvement Program	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 932	\$ 11,181
Residential LED Lighting - NC Only	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 1,025	\$ 12,304
Non-Residential Prescriptive Program													
11 Projected Revenue Requirement (Sum Lines 5 through 10)	\$ 223,474	\$ 223,495	\$ 190,183	\$ 190,202	\$ 236,018	\$ 236,035	\$ 236,050	\$ 236,064	\$ 184,677	\$ 184,689	\$ 184,699	\$ 184,715	\$ 2,510,301
Residential Lighting (PPI Only)													
Air Conditioner Cycling Program													
Commercial HVAC Upgrade Program													
Commercial Lighting Program													
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 Window Film Program													
Non-Residential Heating & Cooling Efficiency Program													
Non-Residential Lighting Systems & Controls Program													
Residential Income and Age Qualifying Home Improvement Program													
Qualifying Small Business Improvement Program													
Residential LED Lighting - NC Only													
Non-Residential Prescriptive Program													

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Nov 28 2018

Dominion Energy North Carolina
Docket No. E-22, Sub 556
Revenue Requirement for DSM/EE Rider C
Projected Rate Base Cost For the Period June 1, 2018 - January 31, 2020

line no.	Actual June-18	Projection July-18	Projection Aug-18	Projection Sep-18	Projection Oct-18	Projection Nov-18	Projection Dec-18	Projection Jan-19	Projection Feb-19	Projection Mar-19	Projection Apr-19	Projection May-19	Projection June-19	Projection July-19	Projection Aug-19	Projection Sep-19	Projection Oct-19	Projection Nov-19	Projection Dec-19	Projection Jan-20	
1 System Level Actual Plant In Service Air Conditioner Cycling Program	\$ 19,514,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2 Projected Capital Expenditures Air Conditioner Cycling Program	0	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	\$ 83,333	
3 Cumulative Gross Plant (Line 1 + Line 2) Air Conditioner Cycling Program	\$ 19,514,644	\$ 19,597,977	\$ 19,681,311	\$ 19,764,644	\$ 19,847,977	\$ 19,931,311	\$ 20,014,644	\$ 20,097,977	\$ 20,181,311	\$ 20,264,644	\$ 20,347,977	\$ 20,431,311	\$ 20,514,644	\$ 20,597,977	\$ 20,681,311	\$ 20,764,644	\$ 20,847,977	\$ 20,931,311	\$ 21,014,644	\$ 21,097,977	
4 Monthly Depreciation Percentages Air Conditioner Cycling Program	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	0.5958%	
5 Projected System Monthly Depreciation Expense (Line 3 * Line 4) Air Conditioner Cycling Program	\$	\$ 118,771	\$ 117,268	\$ 117,784	\$ 118,281	\$ 118,757	\$ 119,254	\$ 119,750	\$ 120,247	\$ 120,744	\$ 121,240	\$ 121,737	\$ 122,233	\$ 122,730	\$ 123,228	\$ 123,723	\$ 124,218	\$ 124,716	\$ 125,212	\$ 125,709	
6 Actual/Projected System Level of Accumulated Depreciation Air Conditioner Cycling Program	\$	\$ 7,108,607	\$ 7,303,438	\$ 7,420,706	\$ 7,538,470	\$ 7,656,731	\$ 7,775,488	\$ 7,894,742	\$ 8,014,493	\$ 8,134,740	\$ 8,255,483	\$ 8,376,723	\$ 8,498,460	\$ 8,620,693	\$ 8,743,422	\$ 8,866,649	\$ 8,990,371	\$ 9,114,590	\$ 9,239,306	\$ 9,364,518	\$ 9,490,227
7 Actual/Projected Cumulative Net Plant (Line 3 - Line 6) Air Conditioner Cycling Program	\$	\$ 12,327,977	\$ 12,294,540	\$ 12,260,605	\$ 12,226,174	\$ 12,191,247	\$ 12,155,822	\$ 12,119,902	\$ 12,083,485	\$ 12,046,571	\$ 12,009,161	\$ 11,971,254	\$ 11,932,851	\$ 11,893,951	\$ 11,854,555	\$ 11,814,562	\$ 11,774,273	\$ 11,733,387	\$ 11,692,005	\$ 11,650,128	\$ 11,607,750
8 Actual/Projected Accumulated Deferred Income Tax Air Conditioner Cycling Program	\$	\$ (2,849,688)	\$ (7,820,283)	\$ (2,580,658)	\$ (2,581,454)	\$ (2,532,049)	\$ (2,502,644)	\$ (2,473,241)	\$ (2,443,834)	\$ (2,420,363)	\$ (2,387,813)	\$ (2,377,322)	\$ (2,350,573)	\$ (2,344,283)	\$ (2,331,534)	\$ (2,321,327)	\$ (2,313,578)	\$ (2,308,372)	\$ (2,305,625)	\$ (2,305,416)	\$ (2,274,770)
9 Monthly Actual/Projected Rate Base (Line 7 + Line 8) Air Conditioner Cycling Program	\$	\$ 9,878,310	\$ 9,874,377	\$ 9,669,746	\$ 9,684,720	\$ 9,633,198	\$ 9,633,179	\$ 9,640,661	\$ 9,637,631	\$ 9,628,208	\$ 9,611,548	\$ 9,593,832	\$ 9,573,276	\$ 9,549,668	\$ 9,523,021	\$ 9,493,335	\$ 9,460,894	\$ 9,425,015	\$ 9,386,380	\$ 9,344,708	\$ 9,332,980
10 Jurisdictional Allocation Factors Air Conditioner Cycling Program	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	
11 North Carolina Actual/Projected Rate Base (Line 9 * Line 10) Air Conditioner Cycling Program	\$	\$ 529,645	\$ 529,427	\$ 523,142	\$ 522,910	\$ 522,611	\$ 522,285	\$ 521,933	\$ 521,455	\$ 520,828	\$ 520,033	\$ 519,080	\$ 517,962	\$ 516,585	\$ 515,243	\$ 513,637	\$ 511,871	\$ 509,940	\$ 507,820	\$ 505,595	\$ 504,961
12 Rate Base (2 month average)	\$	\$ 521,140	\$ 520,429	\$ 519,556	\$ 518,521	\$ 517,324	\$ 515,964	\$ 514,440	\$ 512,754	\$ 510,908	\$ 508,895	\$ 506,723	\$ 505,278								
13 Cost of Capital	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	0.8107%	
14 Net Operating Income Less Interest Expense LTD	\$	\$ 3,183	\$ 3,178	\$ 3,173	\$ 3,167	\$ 3,159	\$ 3,151	\$ 3,142	\$ 3,131	\$ 3,120	\$ 3,108	\$ 3,095	\$ 3,088								
15 Weighted Cost of Debt	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	0.1799%	
16 Rate Base	\$	\$ 521,140	\$ 520,429	\$ 519,556	\$ 518,521	\$ 517,324	\$ 515,964	\$ 514,440	\$ 512,754	\$ 510,908	\$ 508,895	\$ 506,723	\$ 505,278								
17 Revenue Requirement - Interest Expense on Debt	\$	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	\$ 828	
18 Net Income Related to Common Equity	\$	\$ 2,245	\$ 2,242	\$ 2,235	\$ 2,234	\$ 2,228	\$ 2,223	\$ 2,218	\$ 2,212	\$ 2,206	\$ 2,201	\$ 2,192	\$ 2,183	\$ 2,177							
19 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%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	74.38%	
20 Revenue Requirement - Common Equity Including Income Taxes	\$	\$ 3,078	\$ 3,016	\$ 3,009	\$ 3,004	\$ 2,998	\$ 2,993	\$ 2,987	\$ 2,981	\$ 2,975	\$ 2,969	\$ 2,963	\$ 2,957	\$ 2,951	\$ 2,945	\$ 2,939	\$ 2,933	\$ 2,927	\$ 2,921	\$ 2,915	\$ 2,909
21 Revenue Requirement on Rate Base (Line 17 + Line 20)	\$	\$ 3,956	\$ 3,956	\$ 3,944	\$ 3,937	\$ 3,927	\$ 3,917	\$ 3,907	\$ 3,897	\$ 3,887	\$ 3,877	\$ 3,867	\$ 3,857	\$ 3,847	\$ 3,837	\$ 3,827	\$ 3,817	\$ 3,807	\$ 3,797	\$ 3,787	

Dominion Energy North Carolina
Docket No. E-22, Sub 556

For Collection During the Rate Period February 1, 2019 - January 31, 2020

**Cost of Capital and Capital Structure (000s)
As of June 30, 2018**

line
no.

<u>Description</u>	<u>Average Capitalization</u>	<u>Average Capitalization Ratio</u>	<u>Average Embedded Cost%</u>	<u>Overall Cost Rate</u>
1 Total Long-Term Debt	\$11,087,822	47.787%	4.519%	2.159%
2 Total Preferred Stock	\$0	0.000%	0.000%	0.000%
3 Common Equity	\$12,114,780	52.213%	9.900%	5.169%
4 Total	<u>\$23,202,602</u>	<u>100.000%</u>		<u>7.328%</u>

**Dominion Energy North Carolina
Docket No. E-22, Sub 556
Projected Revenue Requirement For DSM/EE Rider C
For the Rate Period February 1, 2019 - January 31, 2020**

R8-69 (f)(1)(ii)(a) System Rate Period Revenue Requirement per Program (excludes net lost revenue)

Program	O&M (1)	Depreciation Expense	Cost of Capital	Utility Incentives	Total Costs and Incentives
Air Conditioner Cycling Program		\$1,475,735	\$865,945	\$124,071	
Residential NC Only Low Income Program		\$0	\$0	\$0	
Commercial HVAC Upgrade Program		\$0	\$0	\$5,215	
Commercial Lighting Program		\$0	\$0	\$31,764	
Residential Heat Pump Tune-up Program		\$0	\$0	\$0	
Residential Heat Pump Upgrade Program		\$0	\$0	\$57,450	
Residential Duct Testing & Sealing Program		\$0	\$0	\$0	
Residential Home Energy Check-Up Program		\$0	\$0	\$3,233	
Non-Residential Duct Testing & Sealing Program		\$0	\$0	\$1,106,191	
Non-Residential Energy Audit Program		\$0	\$0	\$105,081	
Non-Residential Window Film Program		\$0	\$0	\$162,239	
Non-Residential Heating & Cooling Efficiency Program		\$0	\$0	\$36,874	
Non-Residential Lighting Systems & Controls Program		\$0	\$0	\$59,544	
Residential Income and Age Qualifying Home Improvement Program		\$0	\$0	\$0	
Qualifying Small Business Improvement Program		\$0	\$0	\$206,962	
Residential LED Lighting - NC Only		\$0	\$0	\$11,181	
Non-Residential Prescriptive Program		\$0	\$0	\$204,625	
Common Costs	\$2,318,260				\$2,318,260

R8-69 (f)(1)(ii)(a) North Carolina Jurisdictional Rate Period Revenue Requirement per Program (excludes net lost revenue)

Program	O&M (1)	Depreciation Expense	Cost of Capital	Utility Incentives	Total Costs and Incentives
Residential Lighting Program (PPI Only)		\$0	\$0	\$40,653	
Air Conditioner Cycling Program		\$79,845	\$46,852	\$6,713	
Residential NC Only Low Income Program		\$0	\$0	\$0	
Commercial HVAC Upgrade Program		\$0	\$0	\$5,215	
Commercial Lighting Program		\$0	\$0	\$31,764	
Residential Heat Pump Tune-up Program		\$0	\$0	\$0	
Residential Heat Pump Upgrade Program		\$0	\$0	\$3,455	
Residential Duct Testing & Sealing Program		\$0	\$0	\$0	
Residential Home Energy Check-Up Program		\$0	\$0	\$194	
Non-Residential Duct Testing & Sealing Program		\$0	\$0	\$66,517	
Non-Residential Energy Audit Program		\$0	\$0	\$6,319	
Non-Residential Window Film Program		\$0	\$0	\$9,756	
Non-Residential Heating & Cooling Efficiency Program		\$0	\$0	\$36,874	
Non-Residential Lighting Systems & Controls Program		\$0	\$0	\$59,544	
Residential Income and Age Qualifying Home Improvement Program		\$0	\$0	\$0	
Qualifying Small Business Improvement Program		\$0	\$0	\$12,445	
Residential LED Lighting - NC Only		\$0	\$0	\$11,181	
Non-Residential Prescriptive Program		\$0	\$0	\$12,304	

(1) O&M Includes AC Cycling Property Taxes

I/A

Dominion Energy North Carolina Power
Docket No. E-22, Sub 556
DSM/EE Experience Modification Factor (Rider CE) for the Test Period January 1, 2017 through December 31, 2017
For (Refund)/Recovery in the Rate Period February 1, 2019 - January 31, 2020

Line No.	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Rider CE Total
1 Monthly Revenue Requirement (Page 3; Line 12)	\$ 293,162	\$ 207,302	\$ 222,602	\$ 208,761	\$ 224,379	\$ 216,319	\$ 420,355	\$ 312,525	\$ 326,137	\$ 306,966	\$ 293,691	\$ 313,693	\$ 3,340,880
2 Less: Portion Related to Utility Incentives (Page 3, Lines 9 & 10)	\$ (37,374)	\$ (38,419)	\$ (40,503)	\$ (41,092)	\$ (43,192)	\$ (45,686)	\$ (58,284)	\$ (63,213)	\$ (63,514)	\$ (65,147)	\$ (66,843)	\$ (70,529)	\$ (633,793)
3 Monthly Revenue Requirement Net of Incentives (Line 1 + Line 2)	\$ 255,789	\$ 168,883	\$ 182,099	\$ 167,669	\$ 181,187	\$ 170,633	\$ 362,071	\$ 249,311	\$ 262,622	\$ 241,821	\$ 226,848	\$ 243,163	\$ 2,707,087
4 Monthly Rider C Revenues	\$ 115,800	\$ 115,652	\$ 120,922	\$ 128,111	\$ 95,996	\$ 148,357	\$ 189,441	\$ 137,382	\$ 168,079	\$ 99,947	\$ 145,127	\$ 148,846	\$ 1,611,639
5 Less: Portion Related to Utility Incentives (Rev Req in Previous Rider C Filings)	\$ (12,890)	\$ (12,874)	\$ (13,461)	\$ (14,261)	\$ (10,689)	\$ (16,514)	\$ (21,089)	\$ (15,293)	\$ (18,710)	\$ (11,126)	\$ (16,155)	\$ (16,346)	\$ (179,402)
6 Monthly Rider C Revenues Net of Incentives (Line 4 + Line 5)	\$ 102,910	\$ 102,778	\$ 107,462	\$ 113,850	\$ 85,307	\$ 131,842	\$ 168,353	\$ 122,089	\$ 149,369	\$ 88,821	\$ 128,972	\$ 132,500	\$ 1,432,237
7 Monthly (Over)/Under Recovery Before Carrying Costs (Line 1 - Line 4)	\$ 177,382	\$ 91,630	\$ 101,879	\$ 80,651	\$ 128,383	\$ 66,983	\$ 230,914	\$ 173,143	\$ 158,038	\$ 207,021	\$ 144,333	\$ 165,843	\$ 1,729,222
8 Monthly (Over)/Under Recovery Excluding Utility Incentives (Line 3 - Line 6)	\$ 152,879	\$ 66,105	\$ 74,637	\$ 53,819	\$ 95,877	\$ 37,791	\$ 193,718	\$ 127,222	\$ 113,253	\$ 153,000	\$ 93,866	\$ 112,564	\$ 1,274,831
9 Deferred Income Tax	\$ 59,322	\$ 25,651	\$ 28,961	\$ 20,883	\$ 37,203	\$ 14,664	\$ 75,168	\$ 49,366	\$ 43,946	\$ 59,369	\$ 36,423	\$ 43,717	\$ 494,673
10 Net Monthly (Over)/Under Recovery Net of ADIT and Incentives (Line 8 - Line 9)	\$ 93,557	\$ 40,454	\$ 45,676	\$ 32,936	\$ 58,674	\$ 23,127	\$ 118,549	\$ 77,856	\$ 69,308	\$ 93,631	\$ 57,443	\$ 68,847	\$ 780,158
11 Cumulative Net Monthly (Over)/Under Recovery (Net of Incentives)	\$ 93,557	\$ 134,012	\$ 179,687	\$ 212,623	\$ 271,297	\$ 294,424	\$ 412,973	\$ 490,829	\$ 560,137	\$ 653,768	\$ 711,211	\$ 780,158	
12 Two Month Average Cumulative Net (Over)/Under Recovery (Net of Incentives)	\$ 46,778	\$ 113,784	\$ 158,849	\$ 196,155	\$ 241,960	\$ 292,860	\$ 353,698	\$ 451,901	\$ 525,483	\$ 606,953	\$ 682,490	\$ 745,685	
13 Carrying Cost on Cumulative (Over)/Under Recovery [1]	\$ 338	\$ 868	\$ 1,184	\$ 1,493	\$ 1,841	\$ 2,153	\$ 2,692	\$ 3,439	\$ 3,999	\$ 4,819	\$ 5,184	\$ 5,675	\$ 33,521
14 DSM EE/EMF to be (refunded)/collected during the Rate Period (Line 7 + Line 13)	\$ 177,718	\$ 92,516	\$ 102,873	\$ 82,144	\$ 130,224	\$ 69,116	\$ 233,606	\$ 178,582	\$ 162,057	\$ 211,640	\$ 149,747	\$ 172,518	\$ 1,762,743
15 Revenue Requirement for Financing Costs on Current Rider CE (Over) Recovery Net of Utility Incentives and ADIT for Jan 2017 - Dec 2017 (Page 6, Line 5)													\$ 77,179
16 Total DSM EE EMF Rider CE Revenue Requirement to be (Refunded)/Collected over the 16 January 1, 2019 - December 31, 2019 Rate Year													\$ 1,839,922

[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.

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Nov 28 2018

Dominion Energy North Carolina
Docket No. E-22, Sub 556
Actual Revenue Requirement for DSM/EE EMF Rider CE
For the Test Period January 1, 2017 - December 31, 2017

line no.	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Actual Nov-17	Actual Dec-17	Total Test Period
1 System Program Operating Expenses													
Air Conditioner Cycling Program													
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													
Non-Residential Heating & Cooling Efficiency													
Non-Residential Window Film													
Residential Income & Age Qualifying Home Improvement Program													
Commercial Small Business Improvement													
Residential LED													
2 Allocate System Common Costs to Programs													
Air Conditioner Cycling Program	\$ 21,030	\$ 40,808	\$ (2,459)	\$ 18,480	\$ 18,479	\$ 36,146	\$ 25,446	\$ 29,903	\$ 29,335	\$ 42,028	\$ 29,908	\$ 8,682	\$ 297,760
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	\$ 1,808	\$ 3,703	\$ (223)	\$ 1,677	\$ 1,677	\$ 3,280	\$ 2,309	\$ 2,713	\$ 2,662	\$ 3,814	\$ 2,714	\$ 788	\$ 27,022
Residential Heat Pump Upgrade Program	\$ 2,159	\$ 4,189	\$ (252)	\$ 1,897	\$ 1,897	\$ 3,711	\$ 2,612	\$ 3,070	\$ 3,012	\$ 4,315	\$ 3,070	\$ 891	\$ 30,571
Residential Duct Testing & Sealing Program	\$ 886	\$ 1,718	\$ (104)	\$ 778	\$ 778	\$ 1,522	\$ 1,072	\$ 1,259	\$ 1,235	\$ 1,770	\$ 1,259	\$ 368	\$ 12,538
Residential Home Energy Check-up Program	\$ 1,961	\$ 3,806	\$ (229)	\$ 1,724	\$ 1,723	\$ 3,371	\$ 2,373	\$ 2,789	\$ 2,736	\$ 3,920	\$ 2,789	\$ 810	\$ 27,774
Non-Residential Duct Testing & Sealing Program	\$ 5,225	\$ 10,139	\$ (611)	\$ 4,591	\$ 4,591	\$ 8,981	\$ 6,322	\$ 7,429	\$ 7,288	\$ 10,442	\$ 7,431	\$ 2,157	\$ 73,960
Non-Residential Energy Audit Program	\$ 962	\$ 1,868	\$ (113)	\$ 846	\$ 846	\$ 1,654	\$ 1,165	\$ 1,368	\$ 1,343	\$ 1,923	\$ 1,369	\$ 397	\$ 13,628
Non-Residential Lighting Systems and Controls	\$ 24,561	\$ 47,658	\$ (2,872)	\$ 21,562	\$ 21,562	\$ 42,217	\$ 29,720	\$ 34,923	\$ 34,259	\$ 49,084	\$ 34,929	\$ 10,140	\$ 347,782
Non-Residential Heating & Cooling Efficiency	\$ 4,825	\$ 9,362	\$ (564)	\$ 4,240	\$ 4,239	\$ 8,293	\$ 5,838	\$ 6,860	\$ 6,730	\$ 9,642	\$ 6,861	\$ 1,992	\$ 69,317
Non-Residential Window Film	\$ 1,521	\$ 2,951	\$ (178)	\$ 1,336	\$ 1,336	\$ 2,614	\$ 1,840	\$ 2,183	\$ 2,121	\$ 3,039	\$ 2,183	\$ 628	\$ 21,536
Residential Income & Age Qualifying Home Improvement Program	\$ 14,364	\$ 27,872	\$ (1,680)	\$ 12,622	\$ 12,622	\$ 24,889	\$ 17,381	\$ 20,424	\$ 20,038	\$ 28,706	\$ 20,427	\$ 5,830	\$ 203,392
Commercial Small Business Improvement	\$ 10,428	\$ 20,235	\$ (1,220)	\$ 9,183	\$ 9,163	\$ 17,924	\$ 12,818	\$ 14,827	\$ 14,546	\$ 20,840	\$ 14,830	\$ 4,305	\$ 147,661
Residential LED	\$ 1,766	\$ 3,427	\$ (207)	\$ 1,552	\$ 1,552	\$ 3,036	\$ 2,137	\$ 2,511	\$ 2,463	\$ 3,529	\$ 2,512	\$ 729	\$ 25,007
3 System Operating Expenses Including Allocated Common Costs													
Air Conditioner Cycling Program													
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													
Non-Residential Heating & Cooling Efficiency													
Non-Residential Window Film													
Residential Income & Age Qualifying Home Improvement Program													
Commercial Small Business Improvement													
Residential LED													
4 Jurisdictional Assignment Factors													
Air Conditioner Cycling Program	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%
Residential Lighting Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Low Income Program (NC Only)	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%
Commercial Lighting Program (NC Trailing EMV Costs Only)	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%
Residential Heat Pump Tune-up Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Heat Pump Upgrade Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Duct Testing & Sealing Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Home Energy Check-up Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Duct Testing & Sealing Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Energy Audit Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Lighting Systems and Controls	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Heating & Cooling Efficiency	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Non-Residential Window Film	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential Income & Age Qualifying Home Improvement Program	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Commercial Small Business Improvement	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%	6.0132%
Residential LED	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%

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Dominion Energy North Carolina
Docket No. E-22, Sub 556
Actual Revenue Requirement for DSM/EE EMF Rider CE
For the Test Period January 1, 2017 - December 31, 2017

line no.	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Actual Nov-17	Actual Dec-17	Total Test Period
5 NC Jurisdiction Operating Expenses (Line 3 * Line 4)													
Air Conditioner Cycling Program													
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													
Non-Residential Heating & Cooling Efficiency													
Non-Residential Window Film													
Residential Income & Age Qualifying Home Improvement Program													
Commercial Small Business Improvement													
Residential LED													
6 NC Jurisdiction Property Taxes													
Air Conditioner Cycling Program	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 770	\$ 9,240
7 NC Jurisdiction Depreciation Expense (Page 4, Line 2 * Line 7)													
Air Conditioner Cycling Program	\$ 5,699	\$ 5,699	\$ 5,700	\$ 5,699	\$ 8,406	\$ 8,246	\$ 6,247	\$ 6,252	\$ 6,253	\$ 6,255	\$ 6,263	\$ 6,272	\$ 74,991
8 NC Jurisdiction Rate Base Costs (Page 4, Line 18)													
Air Conditioner Cycling Program	\$ 5,299	\$ 5,262	\$ 5,226	\$ 5,187	\$ 5,137	\$ 5,090	\$ 5,051	\$ 5,012	\$ 4,973	\$ 4,933	\$ 4,866	\$ 4,835	\$ 61,071
9 NC Jurisdiction Net Lost Revenues (Page 5, Line 6)													
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	\$ 761	\$ 801	\$ 826	\$ 827	\$ 827	\$ 891	\$ 890	\$ 989	\$ 991	\$ 827	\$ 826	\$ 824	\$ 10,480
Residential Heat Pump Upgrade Program	\$ 426	\$ 461	\$ 472	\$ 472	\$ 472	\$ 566	\$ 566	\$ 566	\$ 566	\$ 472	\$ 472	\$ 471	\$ 5,991
Residential Duct Testing & Sealing Program	\$ 52	\$ 57	\$ 58	\$ 58	\$ 58	\$ 70	\$ 70	\$ 70	\$ 70	\$ 58	\$ 58	\$ 58	\$ 737
Residential Home Energy Check-up Program	\$ 44	\$ 236	\$ 272	\$ 272	\$ 272	\$ 326	\$ 326	\$ 326	\$ 326	\$ 272	\$ 272	\$ 271	\$ 3,216
Non-Residential Duct Testing & Sealing Program	\$ 2,355	\$ 2,181	\$ 2,843	\$ 2,774	\$ 2,853	\$ 3,195	\$ 3,709	\$ 3,843	\$ 3,320	\$ 3,151	\$ 2,869	\$ 2,870	\$ 35,882
Non-Residential Energy Audit Program	\$ 2,798	\$ 4,062	\$ 4,465	\$ 4,371	\$ 4,339	\$ 4,314	\$ 4,653	\$ 4,650	\$ 4,556	\$ 4,448	\$ 4,531	\$ 4,520	\$ 51,948
Non-Residential Lighting Systems and Controls	\$ 6,676	\$ 8,379	\$ 9,211	\$ 9,928	\$ 11,777	\$ 13,100	\$ 13,901	\$ 14,607	\$ 15,751	\$ 15,439	\$ 15,306	\$ 15,418	\$ 151,485
Non-Residential Heating & Cooling Efficiency	\$ 29	\$ 20	\$ 20	\$ 19	\$ 202	\$ 266	\$ 11,127	\$ 14,143	\$ 10,107	\$ 10,652	\$ 8,215	\$ 7,945	\$ 62,745
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 732	\$ 765	\$ 838	\$ 873	\$ 894	\$ 1,058	\$ 1,101	\$ 1,130	\$ 1,165	\$ 970	\$ 991	\$ 1,070	\$ 11,637
Commercial Small Business Improvement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73	\$ 344	\$ 352	\$ 342	\$ 317	\$ 294	\$ 813	\$ 2,538
Residential LED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,241	\$ 4,823	\$ 7,044	\$ 11,289	\$ 14,667	\$ 39,065
10 NC Jurisdiction Program Performance Incentive (PPI)													
Air Conditioner Cycling Program	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (100)	\$ (1,199)
Residential Lighting Program	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 3,388	\$ 40,653
Residential Low Income Program (NC Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 435	\$ 5,215
Commercial Lighting Program (NC Trailing EMV Costs Only)	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 2,647	\$ 31,764
Residential Heat Pump Tune-up Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Heat Pump Upgrade Program	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 288	\$ 3,455
Residential Duct Testing & Sealing Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Home Energy Check-up Program	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 16	\$ 194
Non-Residential Duct Testing & Sealing Program	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 5,543	\$ 66,517
Non-Residential Energy Audit Program	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 527	\$ 6,319
Non-Residential Lighting Systems and Controls	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 4,461	\$ 53,529
Non-Residential Heating & Cooling Efficiency	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 2,892	\$ 34,707
Non-Residential Window Film	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 699	\$ 8,385
Residential Income & Age Qualifying Home Improvement Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial Small Business Improvement	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 703	\$ 8,432
Residential LED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 Revenue Requirement (Sum Lines 5 through 10)													
Air Conditioner Cycling Program													
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													
Non-Residential Heating & Cooling Efficiency													
Non-Residential Window Film													
Residential Income & Age Qualifying Home Improvement Program													
Commercial Small Business Improvement													
Residential LED													
12 Total Revenue Requirement All Programs	\$ 293,162	\$ 297,302	\$ 222,602	\$ 208,761	\$ 224,379	\$ 215,319	\$ 420,365	\$ 312,625	\$ 325,137	\$ 306,968	\$ 289,681	\$ 313,689	\$ 3,340,880

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Dominion Energy North Carolina
Docket No. E-22, Sub 556
Rate Base Costs For the Test Period January 1, 2017 - December 31, 2017

Line No.	Actual Dec-16	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Actual Nov-17	Actual Dec-17
1 System Level Plant In Service Air Conditioner Cycling Program	\$ 19,352,669	\$ 19,357,539	\$ 19,355,869	\$ 19,359,619	\$ 19,357,210	\$ 19,360,594	\$ 19,378,119	\$ 19,379,969	\$ 19,392,094	\$ 19,396,210	\$ 19,402,969	\$ 19,426,969	\$ 19,454,944
2 System Depreciation Expense Air Conditioner Cycling Program	\$ (107,253)	\$ 105,330	\$ 105,326	\$ 105,349	\$ 105,335	\$ 155,362	\$ 115,450	\$ 115,466	\$ 115,544	\$ 115,569	\$ 115,609	\$ 115,752	\$ 115,919
3 System Accumulated Depreciation Air Conditioner Cycling Program	\$ 5,103,775	\$ 5,209,112	\$ 5,314,441	\$ 5,419,790	\$ 5,525,125	\$ 5,620,487	\$ 5,795,937	\$ 5,911,403	\$ 6,026,947	\$ 6,142,516	\$ 6,258,125	\$ 6,373,877	\$ 6,489,796
4 Cumulative System Net Plant (Line 1 - Line 2) Air Conditioner Cycling Program	\$ 14,248,894	\$ 14,148,426	\$ 14,041,426	\$ 13,939,829	\$ 13,832,094	\$ 13,690,107	\$ 13,580,102	\$ 13,467,569	\$ 13,365,147	\$ 13,253,703	\$ 13,144,844	\$ 13,053,092	\$ 12,965,148
5 System Accumulated Deferred Income Tax Air Conditioner Cycling Program	\$ (3,134,041)	\$ (3,108,108)	\$ (3,082,174)	\$ (3,056,241)	\$ (3,030,307)	\$ (3,004,374)	\$ (2,978,440)	\$ (2,952,507)	\$ (2,926,573)	\$ (2,900,641)	\$ (2,874,707)	\$ (2,848,774)	\$ (2,822,840)
6 Monthly Rate Base System (Line 4 + Line 5) Air Conditioner Cycling Program	\$ 11,114,853	\$ 11,040,318	\$ 10,959,254	\$ 10,883,588	\$ 10,801,787	\$ 10,675,733	\$ 10,601,742	\$ 10,515,059	\$ 10,438,574	\$ 10,353,062	\$ 10,270,137	\$ 10,204,318	\$ 10,142,308
7 Jurisdictional Allocation Factor Air Conditioner Cycling Program	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%	5.4105%
8 North Carolina Rate Base (Line 6 x Line 7) Air Conditioner Cycling Program	\$ 601,369	\$ 597,396	\$ 592,950	\$ 588,657	\$ 584,431	\$ 577,611	\$ 573,907	\$ 568,917	\$ 564,779	\$ 560,152	\$ 555,666	\$ 552,105	\$ 548,750
9 North Carolina Rate Base (2 month average)		\$ 599,353	\$ 595,143	\$ 590,904	\$ 586,644	\$ 581,021	\$ 575,609	\$ 571,262	\$ 566,848	\$ 562,466	\$ 557,909	\$ 553,885	\$ 550,427
10 Cost of Capital (Page 9, Line 4/12)		0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%	0.6121%
11 Net Operating Income (Line 9 * Line 10)	\$ 3,668	\$ 3,643	\$ 3,617	\$ 3,591	\$ 3,566	\$ 3,523	\$ 3,497	\$ 3,470	\$ 3,443	\$ 3,415	\$ 3,390	\$ 3,369	\$ 3,369
Less Interest Expense LTD													
12 Weighted Cost of Debt (Page 9, Line 1/12)		0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%	0.1829%
13 Rate Base (2 Month Average = Line 9)	\$ 599,353	\$ 595,143	\$ 590,904	\$ 586,644	\$ 581,021	\$ 575,609	\$ 571,262	\$ 566,848	\$ 562,466	\$ 557,909	\$ 553,885	\$ 550,427	\$ 550,427
14 Revenue Requirement - Interest Expense on Debt	\$ 1,098	\$ 1,089	\$ 1,081	\$ 1,073	\$ 1,063	\$ 1,053	\$ 1,043	\$ 1,033	\$ 1,023	\$ 1,013	\$ 1,003	\$ 995	\$ 990
15 Net Income Related to Common Equity (Line 11 - Line 14)	\$ 2,572	\$ 2,554	\$ 2,536	\$ 2,518	\$ 2,494	\$ 2,470	\$ 2,452	\$ 2,433	\$ 2,414	\$ 2,394	\$ 2,384	\$ 2,365	\$ 2,369
16 North Carolina Jurisdictional Income Tax Gross-up Factor		61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%	61.20%
17 Revenue Requirement - Common Equity Including Income Taxes	\$ 4,203	\$ 4,174	\$ 4,144	\$ 4,114	\$ 4,075	\$ 4,037	\$ 4,006	\$ 3,975	\$ 3,945	\$ 3,913	\$ 3,881	\$ 3,851	\$ 3,835
18 Revenue Requirement on Rate Base (Line 14 + Line 17)	\$ 6,299	\$ 5,262	\$ 5,223	\$ 5,187	\$ 5,157	\$ 5,090	\$ 5,051	\$ 5,012	\$ 4,973	\$ 4,933	\$ 4,895	\$ 4,855	\$ 4,835

Dominion Energy North Carolina
Docket No. E-22, Sub 556
Actual Net Lost Revenues
For the Test Period January 1, 2017 - December 31, 2017

Line No.	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Actual Sep-17	Actual Oct-17	Actual Nov-17	Actual Dec-17	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	10,293	10,821	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	11,163	132,742
Residential Heat Pump Upgrade Program	5,760	6,227	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	6,373	75,716
Residential Duct Testing & Sealing Program	697	773	788	788	788	788	788	788	788	788	788	788	9,346
Residential Home Energy Check-up Program	598	3,181	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	3,672	40,499
Non-Residential Duct Testing & Sealing Program	36,264	36,981	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	48,535	558,594
Non-Residential Energy Audit Program	39,305	56,082	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	62,107	716,462
Non-Residential Lighting Systems and Controls	113,044	115,917	125,393	141,887	171,887	171,887	171,887	179,447	207,479	208,952	210,060	210,103	2,027,944
Non-Residential Heating & Cooling Efficiency	445	445	445	445	4,764	4,788	153,367	153,367	153,864	153,864	153,864	153,864	933,523
Non-Residential Window Film	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Income & Age Qualifying Home Improvement Program	9,828	10,526	11,260	11,735	12,023	12,203	12,324	12,689	13,043	13,043	13,334	14,412	146,423
Commercial Small Business Improvement	-	-	-	-	-	1,049	5,031	-	5,031	5,031	5,031	-	39,109
Residential LED	-	-	-	-	-	-	-	13,955	54,112	94,797	151,893	197,605	512,362
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	\$ 0.07397	\$ 0.07403	\$ 0.07406	\$ 0.07408	\$ 0.07408	\$ 0.08886	\$ 0.08886	\$ 0.08885	\$ 0.08886	\$ 0.07407	\$ 0.07405	\$ 0.07405	\$ 0.07400
Residential Heat Pump Upgrade Program	\$ 0.07402	\$ 0.07404	\$ 0.07406	\$ 0.07413	\$ 0.07414	\$ 0.08890	\$ 0.08889	\$ 0.08893	\$ 0.08890	\$ 0.07410	\$ 0.07407	\$ 0.07407	\$ 0.07406
Residential Duct Testing & Sealing Program	\$ 0.07389	\$ 0.07397	\$ 0.07390	\$ 0.07400	\$ 0.07397	\$ 0.08872	\$ 0.08867	\$ 0.08875	\$ 0.08872	\$ 0.07394	\$ 0.07388	\$ 0.07388	\$ 0.07394
Residential Home Energy Check-up Program	\$ 0.07408	\$ 0.07413	\$ 0.07412	\$ 0.07420	\$ 0.07411	\$ 0.08894	\$ 0.08882	\$ 0.08885	\$ 0.08890	\$ 0.07412	\$ 0.07418	\$ 0.07418	\$ 0.07409
Non-Residential Duct Testing & Sealing Program	\$ 0.06497	\$ 0.05899	\$ 0.05860	\$ 0.05717	\$ 0.05882	\$ 0.06593	\$ 0.07654	\$ 0.07530	\$ 0.06844	\$ 0.06494	\$ 0.06165	\$ 0.06134	\$ 0.06134
Non-Residential Energy Audit Program	\$ 0.07123	\$ 0.07137	\$ 0.07193	\$ 0.07039	\$ 0.06989	\$ 0.07279	\$ 0.07504	\$ 0.07510	\$ 0.07340	\$ 0.07164	\$ 0.07462	\$ 0.07462	\$ 0.07294
Non-Residential Lighting Systems and Controls	\$ 0.07680	\$ 0.07230	\$ 0.07349	\$ 0.06999	\$ 0.06855	\$ 0.07632	\$ 0.08099	\$ 0.08163	\$ 0.07596	\$ 0.07391	\$ 0.07292	\$ 0.07354	\$ 0.07354
Non-Residential Heating & Cooling Efficiency	\$ 0.06531	\$ 0.04566	\$ 0.04383	\$ 0.04296	\$ 0.04237	\$ 0.05570	\$ 0.07267	\$ 0.09245	\$ 0.06573	\$ 0.06925	\$ 0.05345	\$ 0.05179	\$ 0.05179
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 0.07455	\$ 0.07456	\$ 0.07447	\$ 0.07443	\$ 0.07442	\$ 0.08926	\$ 0.08943	\$ 0.08927	\$ 0.08933	\$ 0.07438	\$ 0.07439	\$ 0.07440	\$ 0.07440
Commercial Small Business Improvement	\$ 0.06131	\$ 0.06187	\$ 0.06172	\$ 0.06164	\$ 0.06143	\$ 0.06961	\$ 0.06856	\$ 0.07019	\$ 0.06799	\$ 0.06299	\$ 0.05859	\$ 0.06319	\$ 0.06319
Residential LED	\$ 0.07434	\$ 0.07438	\$ 0.07439	\$ 0.07438	\$ 0.07435	\$ 0.08919	\$ 0.08914	\$ 0.08918	\$ 0.08918	\$ 0.07433	\$ 0.07438	\$ 0.07438	\$ 0.07438
3 Jurisdictional 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	\$ 761	\$ 801	\$ 827	\$ 827	\$ 827	\$ 992	\$ 991	\$ 992	\$ 992	\$ 827	\$ 827	\$ 826	\$ 10,489
Residential Heat Pump Upgrade Program	\$ 426	\$ 461	\$ 472	\$ 472	\$ 472	\$ 567	\$ 566	\$ 567	\$ 567	\$ 472	\$ 472	\$ 472	\$ 5,987
Residential Duct Testing & Sealing Program	\$ 52	\$ 57	\$ 58	\$ 58	\$ 58	\$ 70	\$ 70	\$ 70	\$ 70	\$ 58	\$ 58	\$ 58	\$ 738
Residential Home Energy Check-up Program	\$ 44	\$ 236	\$ 272	\$ 272	\$ 272	\$ 328	\$ 328	\$ 326	\$ 326	\$ 272	\$ 272	\$ 272	\$ 3,219
Non-Residential Duct Testing & Sealing Program	\$ 2,356	\$ 2,181	\$ 2,844	\$ 2,775	\$ 2,855	\$ 3,200	\$ 3,715	\$ 3,655	\$ 3,322	\$ 3,152	\$ 2,992	\$ 2,877	\$ 36,024
Non-Residential Energy Audit Program	\$ 2,800	\$ 4,003	\$ 4,467	\$ 4,372	\$ 4,341	\$ 4,521	\$ 4,661	\$ 4,684	\$ 4,559	\$ 4,449	\$ 4,634	\$ 4,530	\$ 52,000
Non-Residential Lighting Systems and Controls	\$ 8,682	\$ 8,381	\$ 9,215	\$ 9,931	\$ 11,783	\$ 13,118	\$ 13,921	\$ 14,648	\$ 15,760	\$ 15,444	\$ 15,318	\$ 15,451	\$ 151,651
Non-Residential Heating & Cooling Efficiency	\$ 29	\$ 20	\$ 20	\$ 19	\$ 202	\$ 267	\$ 11,145	\$ 14,179	\$ 10,113	\$ 10,655	\$ 8,224	\$ 7,869	\$ 62,842
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 733	\$ 785	\$ 839	\$ 873	\$ 895	\$ 1,089	\$ 1,102	\$ 1,133	\$ 1,165	\$ 970	\$ 992	\$ 1,072	\$ 11,648
Commercial Small Business Improvement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73	\$ 345	\$ 342	\$ 342	\$ 317	\$ 295	\$ 815	\$ 2,540
Residential LED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,244	\$ 4,826	\$ 7,046	\$ 11,288	\$ 14,698	\$ 39,112
4 Variable O&M Savings													
	\$ (7)	\$ (3)	\$ (9)	\$ (5)	\$ (10)	\$ (35)	\$ (56)	\$ (115)	\$ (25)	\$ (13)	\$ (37)	\$ (113)	\$ (429)
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	\$ 761	\$ 801	\$ 826	\$ 827	\$ 827	\$ 991	\$ 990	\$ 989	\$ 991	\$ 827	\$ 826	\$ 824	\$ 10,480
Residential Heat Pump Upgrade Program	\$ 426	\$ 461	\$ 472	\$ 472	\$ 472	\$ 566	\$ 566	\$ 566	\$ 566	\$ 472	\$ 472	\$ 471	\$ 5,981
Residential Duct Testing & Sealing Program	\$ 52	\$ 57	\$ 58	\$ 58	\$ 58	\$ 70	\$ 70	\$ 70	\$ 70	\$ 58	\$ 58	\$ 58	\$ 737
Residential Home Energy Check-up Program	\$ 44	\$ 236	\$ 272	\$ 272	\$ 272	\$ 328	\$ 328	\$ 326	\$ 326	\$ 272	\$ 272	\$ 271	\$ 3,216
Non-Residential Duct Testing & Sealing Program	\$ 2,355	\$ 2,181	\$ 2,843	\$ 2,774	\$ 2,853	\$ 3,195	\$ 3,709	\$ 3,643	\$ 3,320	\$ 3,151	\$ 2,989	\$ 2,970	\$ 35,982
Non-Residential Energy Audit Program	\$ 2,798	\$ 4,002	\$ 4,465	\$ 4,371	\$ 4,339	\$ 4,514	\$ 4,653	\$ 4,650	\$ 4,556	\$ 4,448	\$ 4,631	\$ 4,520	\$ 51,948
Non-Residential Lighting Systems and Controls	\$ 8,678	\$ 8,379	\$ 9,211	\$ 9,928	\$ 11,777	\$ 13,100	\$ 13,901	\$ 14,607	\$ 15,751	\$ 15,439	\$ 15,306	\$ 15,418	\$ 151,495
Non-Residential Heating & Cooling Efficiency	\$ 29	\$ 20	\$ 20	\$ 19	\$ 202	\$ 266	\$ 11,127	\$ 14,143	\$ 10,107	\$ 10,652	\$ 8,215	\$ 7,945	\$ 62,745
Non-Residential Window Film	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential Income & Age Qualifying Home Improvement Program	\$ 732	\$ 785	\$ 838	\$ 873	\$ 894	\$ 1,088	\$ 1,101	\$ 1,130	\$ 1,165	\$ 970	\$ 991	\$ 1,070	\$ 11,637
Commercial Small Business Improvement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73	\$ 344	\$ 352	\$ 342	\$ 317	\$ 294	\$ 813	\$ 2,536
Residential LED	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,241	\$ 4,823	\$ 7,044	\$ 11,289	\$ 14,667	\$ 39,065
Total Lost Revenues All Programs	\$ 15,876	\$ 16,922	\$ 19,005	\$ 19,595	\$ 21,695	\$ 24,115	\$ 36,442	\$ 40,123	\$ 36,852	\$ 36,288	\$ 33,761	\$ 33,548	\$ 334,221

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Nov 28 2018

Dominion Energy North Carolina
Docket No. E-22, Sub 556
Refund of Financing Costs on Current Rider CE EMF Over-Recovery Over the Period of January 2017 - December 2017
To Be Refunded Over the Rate Period February 1, 2019 - January 31, 2020

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)	\$ 780,158
2 Overall Cost of Capital Approved in Docket No. E-22, Sub 479 Grossed Up for Taxes	9.13%
3 Monthly Interest Rate (Line 2/12)	0.7610%
4 Number of Months Refund is Outstanding (January 2018 - January 2019)	13
5 Interest to be Paid on Test Period (Over) Recovery Net of ADIT	\$ 77,179

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NOV 28 2018

VIRGINIA ELECTRIC AND POWER COMPANYCost of Capital and Capital Structure
13-Month Average
As of December 31, 2017

line no.	Description	Average Capitalization	Average Capitalization Ratio	Average Embedded Cost%	Overall Cost Rate
1	Total Long-Term Debt	10,962,762	47.979%	4.5745%	2.195%
2	Total Preferred Stock	0	0.000%	0.0000%	0.000%
3	Common Equity	11,886,486	52.021%	9.9000%	5.150%
4	Total	<u>\$22,849,248</u>	<u>100.000%</u>		<u>7.345%</u>

I, A

Company Exhibit AJM-1
Schedule 3
Page 1 of 3

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Nov 28 2018

file: Summary ADIT AC Cycling 2018 Filing 8.13.2018

Virginia Power
Estimated ADIT
Dec 2016 - Jan 2020

Year	Month	ADIT
2016	Dec	(3,134,041)
2017	Jan	(3,108,108)
2017	Feb	(3,082,174)
2017	Mar	(3,056,241)
2017	Apr	(3,030,307)
2017	May	(3,004,374)
2017	Jun	(2,978,440)
2017	Jul	(2,952,507)
2017	Aug	(2,926,573)
2017	Sep	(2,900,641)
2017	Oct	(2,874,707)
2017	Nov	(2,848,774)
2017	Dec	(2,822,840)
2018	Jan	(2,794,878)
2018	Feb	(2,767,287)
2018	Mar	(2,737,881)
2018	Apr	(2,708,477)
2018	May	(2,679,072)
2018	Jun	(2,649,668)
2018	Jul	(2,620,263)
2018	Aug	(2,590,859)
2018	Sep	(2,561,454)
2018	Oct	(2,532,049)
2018	Nov	(2,502,644)
2018	Dec	(2,473,241)
2019	Jan	(2,445,654)
2019	Feb	(2,420,363)
2019	Mar	(2,397,613)
2019	Apr	(2,377,322)
2019	May	(2,359,573)
2019	Jun	(2,344,283)
2019	Jul	(2,331,534)
2019	Aug	(2,321,327)
2019	Sep	(2,313,579)
2019	Oct	(2,308,372)
2019	Nov	(2,305,625)
2019	Dec	(2,305,418)
2020	Jan	(2,274,770)

Virginia Power
 State Apportionment
 2017

X:\Income\VA Power\RIDERS\A-5\AC Cycling Device\2018\test ac cycling Dec 2016 - Jan 2020.xlsx]apportionment

		Year End 2017 @ Fed Rate 21% <u>Non Current Def</u>	Year End 2017 @ Fed Rate 35% <u>Non Current Def</u>
NC	0.03786400		
Current	3.000000%		
Def Current	3.000000%		
Non Current	2.500000%		
	0.113592%	0.00094660	0.00094660
WV	0.02405000		
Current	6.500000%		
Def Current	6.500000%		
Non Current	6.500000%		
	0.156325%	0.00156325	0.00156325
VA	0.93329800		
Current	6.000000%		
Def Current	6.000000%		
Non Current	6.000000%	0.05599788	0.05599788
DC	0.00000000		
Current	9.000000%		
Def Current	9.000000%		
Non Current	9.000000%	0.00000000	0.00000000
		0.05850773	0.05850773
		0.04622111	0.03803002
		0.21000000	0.35000000
		0.25622111	0.38803002
	fed effect of state	-0.01228662	-0.02047771

Dominion North Carolina Power
Docket No. E-22, Sub 556
Monthly Revenues - Rider C
For the Test Period January 1, 2017 - December 31, 2017

<u>Revenue Class</u>	<u>Jan-17</u>	<u>Feb-17</u>	<u>Mar-17</u>	<u>Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Dec-17</u>	<u>2017 Totals</u>
Residential	\$ 114,024	\$ 75,179	\$ 72,567	\$ 60,314	\$ 65,163	\$ 89,687	\$ 116,211	\$ 104,024	\$ 76,568	\$ 64,540	\$ 68,092	\$ 92,738	\$ 999,106
Commercial	\$ 33,322	\$ 30,732	\$ 36,253	\$ 34,264	\$ 37,912	\$ 42,649	\$ 49,041	\$ 50,383	\$ 44,941	\$ 42,876	\$ 36,642	\$ 39,818	\$ 478,833
Industrial	\$ (37,934)	\$ 3,515	\$ 5,848	\$ 27,337	\$ (12,553)	\$ 9,093	\$ 17,107	\$ (24,593)	\$ 39,867	\$ (13,396)	\$ 34,594	\$ 7,893	\$ 56,880
COV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Co/Muni	\$ 6,389	\$ 6,225	\$ 6,154	\$ 6,196	\$ 5,474	\$ 6,927	\$ 7,082	\$ 7,567	\$ 6,703	\$ 5,927	\$ 5,800	\$ 6,396	\$ 76,840
St & Traffic (COVA)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue by Month	\$ 115,800	\$ 115,652	\$ 120,922	\$ 128,111	\$ 95,996	\$ 148,357	\$ 189,441	\$ 137,382	\$ 168,079	\$ 99,947	\$ 145,127	\$ 146,846	\$ 1,611,659

I, A

DOMINION ENERGY NORTH CAROLINA
ASSIGNMENT AND ALLOCATION OF COSTS TO NORTH CAROLINA JURISDICTION
DOCKET NO. E-22, SUB 556

Line	Name of System Program	Program Category	Basis for Determining Cost for North Carolina Jurisdiction		If Allocated, Allocation Factor
			Assignment	Allocation to NC Juris	
North Carolina Programs (2)					
1	Air Conditioner Cycling Program	Peak-Clipping		X	ICP
2	Commercial HVAC Upgrade Program	Energy Efficiency	X		
3	Commercial Lighting Program	Energy Efficiency	X		
4	Residential Heat Pump Tune-up Program	Energy Efficiency		X	Energy
5	Residential Heat Pump Upgrade Program	Energy Efficiency		X	Energy
6	Residential Duct Testing & Sealing Program	Energy Efficiency		X	Energy
7	Residential Home Energy Check-Up Program	Energy Efficiency		X	Energy
8	Non-Residential Duct Testing & Sealing Program	Energy Efficiency		X	Energy
9	Non-Residential Energy Audit Program	Energy Efficiency		X	Energy
10	Non-Residential Window Film Program	Energy Efficiency		X	Energy
11	Non-Residential Heating & Cooling Efficiency Program	Energy Efficiency	X		
12	Non-Residential Lighting Systems & Controls Program	Energy Efficiency	X		
13	Residential Income and Age Qualifying Home Improvement Program	Energy Efficiency		X	Energy
14	Qualifying Small Business Improvement Program	Energy Efficiency		X	Energy
15	Residential LED Lighting - NC Only	Energy Efficiency	X		
16	Non-Residential Prescriptive Program	Energy Efficiency		X	Energy
17	Non-North Carolina Programs (3)	Non-North Carolina Programs			
18	Common Costs	All Programs	X (1)	X (1)	E Prog Cost \$ E 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

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Company Exhibit NC-1
Schedule 1
Page 2 of 4

DOMINION ENERGY NORTH CAROLINA
ALLOCATION OF COMMON COSTS TO PROGRAMS
FOR THE 2017 TRUE-UP FOR RIDER CE
DOCKET NO. E-17, SUB 564

JANUARY 1, 2017 - DECEMBER 31, 2017

Allocate Common Cost to Programs: (1)

System Program Cost 1
E System Program Cost 1

An allocation factor is developed for each Program

Line	Name of System Program	Program Category	Approved in NC Jurisdiction	Operating Cost (2)	Depreciation Expense (3)	Property Taxes (4)	Total (5)	Allocation Factors
1	Air Conditioner Cycling Program	Peak-Clipping	X					
2	Residential Lighting Program	Energy Efficiency	X					
3	Residential Low Income Program (NC Only)	Energy Efficiency	X					
4	Commercial HVAC Upgrade Program (NC Trailing EMV Costs Only)	Energy Efficiency	X					
5	Commercial Lighting Program (NC Trailing EMV Costs Only)	Energy Efficiency	X					
6	Residential Heat Pump Tune-up Program	Energy Efficiency	X					
7	Residential Heat Pump Upgrade Program	Energy Efficiency	X					
8	Residential Duct Testing & Sealing Program	Energy Efficiency	X					
9	Residential Home Energy Check-up Program	Energy Efficiency	X					
10	Non-Residential Duct Testing & Sealing Program	Energy Efficiency	X					
11	Non-Residential Energy Audit Program	Energy Efficiency	X					
12	Non-Residential Lighting Systems and Controls	Energy Efficiency	X					
13	Non-Residential Heating & Cooling Efficiency	Energy Efficiency	X					
14	Non-Residential Window Film	Energy Efficiency	X					
15	Residential Income & Age Qualifying Home Improvement Program	Energy Efficiency	X					
16	Commercial Small Business Improvement	Energy Efficiency	X					
17	Residential LED	Energy Efficiency	X					
18	Non-North Carolina Programs (6)							
Sum of Program Costs								

Notes

- 1) The allocation of the Common cost revenue requirements to the DSM/EE Programs is provided in the testimony of Company witness Moore.
- 2) For the true-up period ending December 31, 2017, refer to Company Exhibit AEM-1, Rider CE, Schedule 2, Page 2, Line 1
- 3) For the true-up rate period, refer to Company Exhibit AEM-1, Rider CE, Schedule 2, Page 4, Line 3.
- 4) For the true-up rate period, refer to Company Exhibit AEM-1, Rider CE, Schedule 2, Page 3, Line 6 divided by Schedule 2, Page 2, Line 4
- 5) If formula result is a negative value, the allocation should be zero because this program does not share common costs.
- 6) For the true-up rate period, refer to Company Exhibit JEB-1, Schedule 7, Page 1

**DOMINION NORTH CAROLINA POWER
ALLOCATION OF COMMON COSTS TO PROGRAMS
FOR THE PROJECTED RATE PERIOD FOR RIDER C
DOCKET NO. E-22, SUB 554**

FEBRUARY 1, 2019 - JANUARY 31, 2020

Allocate Common Cost to Programs: (1)

Common Costs

Costs Applicable to All
of the DSM/EE Programs

System Program Cost \$
Σ System Program Cost \$

An allocation factor is developed for each Program.

Line	Name of System Program	Program Category	Approved in NC Jurisdiction	Projected Operating Cost (2)	Projected Depreciation Expense (3)	Projected Property Taxes (4)	Total	Rider C Program Rev Req to Total C Allocation Factors
1	Air Conditioner Cycling Program	Peak-Clipping	X	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	Residential NC Only Low Income Program	Energy Efficiency	Concluded					
3	Commercial HVAC Upgrade Program	Energy Efficiency	NC Only					
4	Commercial Lighting Program	Energy Efficiency	NC Only					
5	Residential Heat Pump Tune-up Program	Energy Efficiency	X					
6	Residential Heat Pump Upgrade Program	Energy Efficiency	X					
7	Residential Duct Testing & Sealing Program	Energy Efficiency	X					
8	Residential Home Energy Check-Up Program	Energy Efficiency	X					
9	Non-Residential Duct Testing & Sealing Program	Energy Efficiency	X					
10	Non-Residential Energy Audit Program	Energy Efficiency	X					
11	Non-Residential Window Film Program	Energy Efficiency	X					
12	Non-Residential Heating & Cooling Efficiency Program	Energy Efficiency	NC Only					
13	Non-Residential Lighting Systems & Controls Program	Energy Efficiency	NC Only					
14	Residential Income and Age Qualifying Home Improvement Program	Energy Efficiency	X					
15	Qualifying Small Business Improvement Program	Energy Efficiency	X					
16	Residential LED Lighting - NC Only	Energy Efficiency	NC Only					
17	Non-Residential Prescriptive Program	Energy Efficiency	X					
18	Non-North Carolina Programs (5)							
	Sum of Program Cost							

Notes

- 1) The allocation of the Common cost revenue requirement to the DSM/EE Programs is provided in the testimony of Company witness Moore. For the projected rate period ending January 31, 2020, refer to Company Exhibit JEB - 1, Schedule 1 (also includes projected property taxes)
- 2) For the projected rate period, refer to Company Exhibit AJM, Schedule 1, Page 2, Line 1.
- 3) For the projected rate period, refer to Company Exhibit AJM-1, Rider C, Schedule 1, Page 4, Line 5
- 4) For the projected rate period, refer to Company Exhibit AJM-1, Rider C, Schedule 1, Page 3, Line 7 Divided by Schedule 1, Page 2, Line 4
- 5) For the projected rate period, refer to Company Exhibit JEB-1, Schedule 4

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**DOMINION ENERGY NORTH CAROLINA
 JURISDICTIONAL ALLOCATION FACTORS
 FOR THE PROJECTED RATE PERIOD FOR RIDER C AND RIDER CE
 TWELVE MONTHS ENDED DECEMBER 31, 2017
 DOCKET NO. E-22, SUB 556**

**Dominion Energy North Carolina
 Year ending December 31, 2017
 1CP Methodology (NSPL) 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)	16,918,040	14,041,087	1,684,654	387,744	804,554
(2) Less Non-participating Contract Classes	2,047,899	0	1,660,155	387,744	0
(3) Adjusted CP loads	14,870,141	14,041,087	24,500	0	804,554
(4) NC DSM FACTOR	100.0000%	94.4247%	0.1648%	0.0000%	5.4105%

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)	87,004,483	67,759,286	12,178,161	2,720,620	4,346,416
(2) Less Non-participating Contract Classes	14,722,663	0	12,002,043	2,720,620	0
(3) Adjusted energy	72,281,820	67,759,286	176,118	0	4,346,416
(4) NC DSM FACTOR	100.0000%	93.7432%	0.2437%	0.0000%	6.0132%

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DOMINION ENERGY NORTH CAROLINA
ALLOCATION FACTORS FOR THE COSTS OF THE APPROVED DSM PROGRAMS TO THE CUSTOMER CLASSES
DOCKET NO. E-22, SUB 556

Line	Name of Program	Program Category	Total Rider Revenue Requirement Customer Class Assignment or Allocation Factor	
1	Air Conditioner Cycling Program	Peak-Clipping	Assigned - Residential Class	
2	Residential NC Only Low Income Program	Energy Efficiency	Assigned - Residential Class	
3	Commercial HVAC Upgrade Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
4	Commercial Lighting Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
5	Residential Heat Pump Tune-up Program	Energy Efficiency	Assigned - Residential Class	
6	Residential Heat Pump Upgrade Program	Energy Efficiency	Assigned - Residential Class	
7	Residential Duct Testing & Sealing Program	Energy Efficiency	Assigned - Residential Class	
8	Residential Home Energy Check-Up Program	Energy Efficiency	Assigned - Residential Class	
9	Non-Residential Duct Testing & Sealing Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
10	Non-Residential Energy Audit 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 Heating & Cooling Efficiency Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
13	Non-Residential Lighting Systems & Controls Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
14	Residential Income and Age Qualifying Home Improvement Pr	Energy Efficiency	Assigned - Residential Class	
15	Qualifying Small Business Improvement Program	Energy Efficiency	Allocated to Non-Residential Customers Using Energy Factor	(1)
16	Residential LED Lighting - NC Only	Energy Efficiency	Assigned - Residential Class	
17	Non-Residential Prescriptive 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 JCC-1, Schedule 2, Page 2 for the EMF true-up and for the Projected Rate Period.

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**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**

Dominion Energy North Carolina

Year ending December 31, 2017

1CP Methodology (NSPL) NC Class

NC DSM FACTOR

	Total NC Class	Residential	SGS	LGS	6VP	Schedule NS	ST & Outdoor Lighting	Traffic Lighting
(1) CP (kW) loads at time of DGM Zone Peak (NSPL)	804,554	546,818	136,479	56,733	21,600	42,863	0	61
(2) Less Opt-out customers and directly assigned classes	638,449	546,818	523	26,584	21,600	42,863	0	61
(3) Adjusted CP loads	166,106	0	135,956	30,149	0	0	0	0
(4) Factor 1 NC DSM	100.0000%	0.0000%	81.8492%	18.1608%	0.0000%	0.0000%	0.0000%	0.0000%



NC EE FACTOR

	Total NC Class	Residential	SGS	LGS	6VP	Schedule NS	ST & Outdoor Lighting	Traffic Lighting
(1) Annual Energy (MWh)	4,346,416	1,602,797	850,468	689,264	265,541	911,416	26,402	527
(2) Less Opt-out customers and directly assigned classes	3,186,232	1,602,797	4,829	374,720	265,541	911,416	26,402	527
(3) Adjusted energy	1,160,184	0	845,640	314,544	0	0	0	0
(4) Factor 3 NC DSM	100.0000%	0.0000%	72.8884%	27.1116%	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, 2017 THROUGH DECEMBER 31, 2017
ASSIGNMENT AND ALLOCATION TO CUSTOMER CLASSES
DOCKET NO. E-22, SUB 556

Line								
1	<u>Jurisdictional Program Revenue Requirement</u> <u>From Exhibit JCC-1 Sch 3 Pg 1 Ln 4</u>							
	Residential Programs	\$1,747,421						
	Non-residential Programs	\$1,593,459						
	Jurisdictional Program Revenue Requirement AJM-1 Sch 2 Pg 1 Ln 1	\$3,340,880						
2	<u>Monthly Rider C Revenues</u>							
	Residential Programs	\$842,966						
	Non-residential Programs	\$768,693						
	Monthly Revenue From Exhibit AJM-1 Sch 2 Pg 1 Ln 4	\$1,611,659						
3	<u>(Over) / Under Recovery (Ln 1 - Ln 2)</u>							
	Residential Programs	\$904,456						
	Non-residential Programs	\$824,766						
	(Over) / Under Recovery From Exhibit AJM-1 Rider CE Sch 2 Pg 1 Ln 7	\$1,729,222						
4	<u>Deferred Income Tax</u>							
	Residential Programs	\$258,735						
	Non-residential Programs	\$235,938						
	Deferred Income Tax From Exhibit AJM-1 Rider CE Sch 2 Pg 1 Ln 9	\$494,673						
5	<u>Net (Over) / Under Recovery (Ln 3 - Ln 4)</u>							
	Residential Programs	\$645,722						
	Non-residential Programs	\$588,827						
	Net (Over) / Under Recovery From all Programs	\$1,234,549						
6	<u>Carrying Cost on Cumulative (Over) / Under Recovery</u>							
	Residential Programs	\$17,533						
	Non-residential Programs	\$15,988						
	From Exhibit AJM-1 Rider CE Sch 2 Pg 1 Ln 13	\$33,521						
7	<u>Financing Costs Rider CE (Over)-recovery</u>							
	Residential Programs	\$40,368						
	Non-residential Programs	\$36,811						
	From Exhibit AJM-1 Rider CE Sch 2 Pg 1 Ln 15	\$77,179						
8	<u>DSM EE/EMF to be (refunded)/collected during the Rate Period January 1, 2018 - December 31, 2018 (Ln 3 + Ln 6+Ln7)</u>							
	Residential Programs	\$962,357						
	Non-residential Programs	\$877,565						
	DSM EE/EMF to be (refunded)/collected From Exhibit AJM-1 Rider CE Sch 2 Pg 1 Ln 16)	\$1,839,922						
9	<u>Assignment / Allocation of DSM / EE EMF Rider CE Revenue Requirement to Customer Classes</u>							
	Residential Programs	\$962,357	\$962,357	\$0	\$0	\$0	\$0	\$0
	<u>Non-residential Programs</u>							
	Factor to Allocate Energy Efficiency Programs From Exhibit JCC-1 Sch 2 Pg 2	100.0000%	0.0000%	72.8884%	27.1116%	0.0000%	0.0000%	0.0000%
	Non-residential Programs	\$877,565	\$0	\$639,643	\$237,922	\$0	\$0	\$0
	Check	\$1,839,922						

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Company Exhibit No. JCC-1
Schedule 3
Page 3 of 4

DOMINION NORTH CAROLINA POWER
DSM/EE (RIDER C) FOR THE PROJECTED RATE PERIOD FEBRUARY 1, 2019 THROUGH JANUARY 31, 2020
ASSIGNMENT AND ALLOCATION TO CUSTOMER CLASSES
DOCKET NO. E22, SUB 554

Line		NC Juris Operating Expenses From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 5	NC Jurisdiction Depreciation Expense From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 6	NC Jurisdiction Rate Base Costs From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 7	NC Juris PPI & Property Tax From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 8
1	Operative Expenses, Depreciation, Rate Base Costs, PPI Residential Lighting (PPI Only) Air Conditioner Cycling Program Commercial HVAC Upgrade Program Commercial Lighting Program 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 Window Film Program Non-Residential Heating & Cooling Efficiency Program Non-Residential Lighting Systems & Controls Program Residential Income and Age Qualifying Home Improvement Program Qualifying Small Business Improvement Program Residential LED Lighting - NC Only Non-Residential Prescriptive Program	Total			
2	Jurisdictional Lost Revenues Residential Lighting (PPI Only) Air Conditioner Cycling Program Commercial HVAC Upgrade Program Commercial Lighting Program 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 Window Film Program Non-Residential Heating & Cooling Efficiency Program Non-Residential Lighting Systems & Controls Program Residential Income and Age Qualifying Home Improvement Program Qualifying Small Business Improvement Program Residential LED Lighting - NC Only Non-Residential Prescriptive Program Total From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 3	Jurisdictional Lost Revenue From Exhibit No. ADJ-1 Rider C Sch 1 Pg 3 Ln 2			
3	Jurisdictional Program Revenue Requirement (Ln 1 + Ln 2) Residential Lighting (PPI Only) Air Conditioner Cycling Program Commercial HVAC Upgrade Program Commercial Lighting Program 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 Window Film Program Non-Residential Heating & Cooling Efficiency Program Non-Residential Lighting Systems & Controls Program Residential Income and Age Qualifying Home Improvement Program Qualifying Small Business Improvement Program Residential LED Lighting - NC Only Non-Residential Prescriptive Program Total From Exhibit No. AJM-1 Rider C Sch 1 Pg 1 Ln 3		Targeted Classes	Res. Non-Res. Allocation Factors	
			Residential	49.3337%	Residential
			Non-residential	50.6663%	Non-residential
			Residential		
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DOMINION ENERGY NORTH CAROLINA
DSM/EE (RIDER C) FOR THE PROJECTED RATE PERIOD FEBRUARY 1, 2019 THROUGH JANUARY 31, 2020
ASSIGNMENT AND ALLOCATION TO CUSTOMER CLASSES
DOCKET NO. E-22, SUB 556

Line

1	NC Jurisdiction Program Revenue Requirement		
	From Exhibit JCC-1 Sch 3 Pg 3 Ln 3		
	Residential Programs	\$1,009,233	
	Non-residential Programs	\$1,501,068	
	NC Class Revenue Requirement	\$2,510,301	

		North Carolina Jurisdiction	Residential	SGS Co & Muni	LGS	6 VP	Schedule NS	ST & Outdoor Lighting	Traffic Lighting
2	Assignment / Allocation of DSM / EE								
	<u>Rider C Revenue Requirement to NC Customer Classes</u>								
	Residential Programs	\$1,009,233	\$1,009,233	\$0	\$0	\$0	\$0	\$0	\$0
	Non-residential Programs								
	Factor to Allocate Energy Efficiency Programs								
	From Exhibit JCC-1 Sch 2 Pg 2	100.0000%	0.0000%	72.8884%	27.1116%	0.0000%	0.0000%	0.0000%	0.0000%
	Non-residential Programs	\$1,501,068	\$0	\$1,094,104	\$406,964	\$0	\$0	\$0	\$0
	Check	\$2,510,301							

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**DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 556**

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

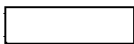
- (1) Each utility shall submit to the Commission all of the following information and data in its application:
 - ii) For each measure for which cost recovery is requested through the DSM/EE rider:
 - b. total costs that the utility does not expect to incur during the rate period as a direct result 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, 2019 through January 31, 2020. The demand allocation factor is based on the summer/winter peak and average methodology and is provided for the twelve months ended December 31, 2017. The energy allocation factor is provided for the twelve months ended December 31, 2017.

Program	NC Jurisdictional Demand Allocator	NC Jurisdictional Energy Allocator
Residential Lighting (PPI Only)	4.8124%	4.9956%
Air Conditioner Cycling Program	4.8124%	4.9956%
Commercial HVAC Upgrade Program	4.8124%	4.9956%
Commercial Lighting Program	4.8124%	4.9956%
Residential Heat Pump Tune-up Program	4.8124%	4.9956%
Residential Heat Pump Upgrade Program	4.8124%	4.9956%
Residential Duct Testing & Sealing Program	4.8124%	4.9956%
Residential Home Energy Check-Up Program	4.8124%	4.9956%
Non-Residential Duct Testing & Sealing Program	4.8124%	4.9956%

**DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 556**

Program	NC Jurisdictional Demand Allocator	NC Jurisdictional Energy Allocator
Non-Residential Energy Audit Program	4.8124%	4.9956%
Non-Residential Window Film Program	4.8124%	4.9956%
Non-Residential Heating & Cooling Efficiency Program	4.8124%	4.9956%
Non-Residential Lighting Systems & Controls Program	4.8124%	4.9956%
Residential Income and Age Qualifying Home Improvement Program	4.8124%	4.9956%
Qualifying Small Business Improvement Program	4.8124%	4.9956%
Residential LED Lighting - NC Only	4.8124%	4.9956%
Non-Residential Prescriptive Program	4.8124%	4.9956%



**DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22, SUB 556**

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 = 4.8124%
- 2) Factor 3 — System to Jurisdiction
a. NC Juris = 4.9956%

DOMINION ENERGY NORTH CAROLINA
 DOCKET NO. E-22, SUB 556
 12 MONTHS ENDING DECEMBER 31, 2017
 SUMMER WINTER PEAK AND AVERAGE

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North Carolina Power						
12 Months Ending December 31, 2017						
Summer Winter Peak & Average						
FACTOR 1/61		Total System	Va Juris	Va Non-Juris	FERC	N.C. Juris
(1)	Energy-Production	87,004,482	87,759,226	12,178,161	2,720,619	4,346,416
(2)	Avg. Demand (Ln 1 / 8 hrs in year)	9,932,019	7,735,078	1,390,201	310,573	496,166
(3)	Class Avg. Demand as % of system	100.0000%	77.8902%	13.9972%	3.1270%	4.9966%
(4)	Winter Coincident Peak	16,918,040	14,041,037	1,684,654	387,744	804,554
	Monday, January 09, 2017	800				
(5)	Summer Coincident Peak	16,834,810	13,710,302	1,962,010	431,212	731,287
	Thursday, July 13, 2017	1600				
(6)	Avg. Peak Demand ((Lns 4+5)/2)	16,876,425	13,875,695	1,823,332	409,478	767,921
(7)	Avg. Peak Demand as % of system	100.0000%	82.2194%	10.8940%	2.4263%	4.5503%
(8)	Sys. Ln 2 / Sys Ln 6 =	58.8514%	5,845,136	4,562,206	818,153	182,777
	Class Ave. Dem % Ln 3 x	58.8514%	58,8514%	45.8336%	8.2375%	1.8905%
(9)	1 - Sys. Line 8 =	41.1486%	6,944,406	5,709,649	750,275	315,989
	Class Ave. Pk. Dem. % Ln 7 x	41.1486%	41,1486%	33.8321%	4.4457%	0.9381%
(10)	Factor 1/61 (8+ 9)	100.0000%	79.6657%	12.6832%	2.8867%	4.8124%
(11)	Rounding		0.0000%	0.0000%	0.0000%	0.0000%
(12)	Factor 1/61	100.0000%	79.6657%	12.6832%	2.8867%	4.8124%

DOMINION ENERGY NORTH CAROLINA
DOCKET NO. E-22 , SUB 556
12 MONTHS ENDING DECEMBER 31, 2017
SUMMER WINTER PEAK AND AVERAGE

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Nov 28 2018

North Carolina Power							
12 Months Ending December 31, 2017							
Summer Winter Peak & Average							
FACTOR 3/63		Total System	Va Juris	Va Non-Juris	FERC	N C Juris	
Energy production		87,004,482	67,759,286	12,178,161	2,720,619	4,346,416	
Factor 3/63		100.0000%	77.8802%	13.9972%	3.1270%	4.9956%	
			0.0000%	0.0000%	0.0000%	0.0000%	
Factor 3/63		100.0000%	77.8802%	13.9972%	3.1270%	4.9956%	

I/A

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
FORECAST KWH SALES AND CUSTOMERS
BY REVENUE CLASS
12 MONTHS ENDED January 31, 2020

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

YR	MONTH	FORECAST CUST	FORECAST KWH
2019	2	102,945	152,881,964
2019	3	102,963	128,642,460
2019	4	102,971	99,108,376
2019	5	102,990	103,788,168
2019	6	103,017	139,857,296
2019	7	103,048	179,126,082
2019	8	103,089	175,960,873
2019	9	103,112	121,612,792
2019	10	103,139	102,460,232
2019	11	103,183	100,537,021
2019	12	103,231	155,678,878
2020	1	103,264	179,635,637
TOTAL			1,639,289,779

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

YR	MONTH	FORECAST CUST	FORECAST KWH
2019	2	15,689	53,085,761
2019	3	15,692	55,945,546
2019	4	15,695	52,324,954
2019	5	15,699	60,369,195
2019	6	15,703	67,632,568
2019	7	15,706	76,837,607
2019	8	15,709	80,148,573
2019	9	15,712	70,016,963
2019	10	15,714	68,513,367
2019	11	15,717	58,387,393
2019	12	15,720	62,125,110
2020	1	15,722	65,047,416
TOTAL			770,434,448

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
FORECAST KWH SALES AND CUSTOMERS
BY REVENUE CLASS
12 MONTHS ENDED January 31, 2020

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

YR	MONTH	FORECAST CUST	FORECAST KWH
2019	2	60	126,141,854
2019	3	60	132,573,553
2019	4	60	159,639,860
2019	5	60	153,720,643
2019	6	60	146,487,647
2019	7	60	162,051,075
2019	8	60	133,287,068
2019	9	60	161,554,167
2019	10	60	145,379,430
2019	11	60	149,723,650
2019	12	60	138,994,407
2020	1	60	152,468,796
TOTAL			1,762,032,150

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

YR	MONTH	FORECAST CUST	FORECAST KWH
2019	2	395	695,097
2019	3	395	702,953
2019	4	395	651,389
2019	5	395	740,215
2019	6	395	743,236
2019	7	395	697,313
2019	8	395	730,950
2019	9	395	647,965
2019	10	395	692,882
2019	11	395	683,314
2019	12	396	659,396
2020	1	396	737,581
TOTAL			8,382,291

VIRGINIA ELECTRIC AND POWER COMPANY
 DOMINION ENERGY NORTH CAROLINA
 RIDER C
 FORECAST KWH SALES AND CUSTOMERS
 BY REVENUE CLASS
 12 MONTHS ENDED January 31, 2020

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

YR	MONTH	FORECAST CUST	FORECAST KWH
2019	2	1,860	10,725,977
2019	3	1,859	10,633,999
2019	4	1,859	9,203,467
2019	5	1,859	9,905,348
2019	6	1,860	11,005,246
2019	7	1,861	11,602,138
2019	8	1,859	11,869,514
2019	9	1,857	10,955,178
2019	10	1,857	10,185,423
2019	11	1,856	9,233,001
2019	12	1,855	9,775,891
2020	1	1,856	11,007,875
-----			-----
TOTAL			126,103,057
			=====
			4,306,241,725

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
FORECAST KWH SALES BY REVENUE CLASS AND RATE SCHEDULE

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

RATE SCHEDULE	12 MOS ENDED
	01/31/2020 FORECAST KWH
1DF	2,956,867
1	1,619,642,643
1P	7,789,136
1T	1,154,403
1W	84,357
26	7,662,372

RC	1,639,289,779

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

RATE SCHEDULE	12 MOS ENDED
	01/31/2020 FORECAST KWH
5	515,322,251
5C	4,060,348
5P	125,305,173
7	1,258,580
6C	4,789,612
6P & 6L	79,745,860
10	34,099,403
26	8,488,584

RC	773,069,811

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

RATE SCHEDULE	12 MOS ENDED
	01/31/2020 FORECAST KWH
5	15,628,825
5P	1,279,631
6P & 6L	387,138,692
6VP	258,851,484

* SCHEDULE NS IS ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2017.

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
FORECAST KWH SALES BY REVENUE CLASS AND RATE SCHEDULE

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

(continued)

RATE SCHEDULE	12 MOS ENDED 01/31/2020 FORECAST KWH
10	131,864,373
NS	901,231,512
26	385,320
-----	-----
RC	1,696,379,838

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

RATE SCHEDULE	12 MOS ENDED 01/31/2020 FORECAST KWH
30T	524,363
26	7,857,928
-----	-----
RC	8,382,291

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

RATE SCHEDULE	12 MOS ENDED 01/31/2020 FORECAST KWH
5P	2,636,636
30	78,651,738
42	41,876,627
26	302,693
-----	-----
RC	123,467,694
	=====
	4,240,589,413

* SCHEDULE NS IS ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2017.

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
SUMMARY OF FORECAST NET KWH SALES BY RATE SCHEDULE

RATE SCHEDULE	12 MOS ENDED	OPT OUT KWH	12 MOS ENDED
	01/31/2020 FORECAST KWH		01/31/2020 NET FORECAST KWH
1DF	2,956,867	0	2,956,867
1	1,619,642,643	0	1,619,642,643
1P	7,789,136	0	7,789,136
1T	1,154,403	0	1,154,403
1W	84,357	0	84,357
5	530,951,076	3,007,201	527,943,875
5C	4,060,348	0	4,060,348
5P	129,221,441	1,583,037	127,638,404
7	1,258,580	0	1,258,580
6C	4,789,612	0	4,789,612
6P & 6L	466,884,552	331,987,528	134,897,024
6VP	258,851,484	258,851,484	0
10	165,963,777	27,936,025	138,027,752
30	78,651,738	0	78,651,738
30T	524,363	0	524,363
42	41,876,627	0	41,876,627
NS	901,231,512	901,231,513	0
26	24,696,897	0	24,696,897
	<u>4,240,589,413</u>	<u>1,524,596,788</u>	<u>2,715,992,626</u>

* SCHEDULE NS IS ACTUAL KWH FOR THE 12 MONTHS ENDING DECEMBER 2017.

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Nov 28 2018

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
REFLECTS FORECASTED NET KWH SALES
12 MONTHS ENDED January 31, 2020
KWH CATEGORIZED BY CUSTOMER CLASSES AND RATES SCHEDULES

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

RATE SCHEDULE	12 MOS ENDED 01/31/2020 NET FORECAST KWH
1	1,619,642,643
1DF	2,956,867
1P	7,789,136
1T	1,154,403
1W	84,357
-----	-----
CLASS	1,631,627,407

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

RATE SCHEDULE	12 MOS ENDED 01/31/2020 NET FORECAST KWH
30	78,651,738
42	41,876,627
5	527,943,875
5C	4,060,348
5P	127,638,404
7	1,258,580
-----	-----
CLASS	781,429,571

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

RATE SCHEDULE	12 MOS ENDED 01/31/2020 NET FORECAST KWH
10	138,027,752
6C	4,789,612
6P & 6L	134,897,024
-----	-----
CLASS	277,714,388

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
REFLECTS FORECASTED NET KWH SALES
12 MONTHS ENDED January 31, 2020
KWH CATEGORIZED BY CUSTOMER CLASSES AND RATES SCHEDULES

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

	12 MOS ENDED
RATE	01/31/2020
SCHEDULE	NET FORECAST KWH
6VP	0

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

	12 MOS ENDED
RATE	01/31/2020
SCHEDULE	NET FORECAST KWH
NS	0

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

	12 MOS ENDED
RATE	01/31/2020
SCHEDULE	NET FORECAST KWH
26	24,696,897

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

	12 MOS ENDED
RATE	01/31/2020
SCHEDULE	NET FORECAST KWH
30T	524,363
	=====
	2,715,992,626

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER C
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 01/31/2020 NET FORECAST KWH	CUSTOMER CLASS RATE W/OUT REG FEE	CUSTOMER CLASS RATE WITH REG FEE
RESIDENTIAL	\$1,009,233	1,631,627,407	\$0.00062	\$0.00062
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	\$1,094,104	781,429,571	\$0.00140	\$0.00140
LARGE GENERAL SERVICE	\$406,964	277,714,388	\$0.00147	\$0.00147
SVP	\$0	0	0	0
NS	\$0	0	0	0
OUTDOOR LIGHTING	\$0	24,696,897	\$0.00000	\$0.00000
TRAFFIC LIGHTING	\$0	524,363	\$0.00000	\$0.00000
	<u>\$2,510,301</u>	<u>2,715,992,626</u>		

(1) FROM JCC SCHEDULE 3 PAGE 4

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**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	\$ 0.00062
	1DF	\$ 0.00062
	1P	\$ 0.00062
	1T	\$ 0.00062
	1W	\$ 0.00062
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	30	\$ 0.00140
	42	\$ 0.00140
	5	\$ 0.00140
	5C	\$ 0.00140
	5P	\$ 0.00140
	7	\$ 0.00140
LARGE GENERAL SERVICE	10	\$ 0.00147
	6C	\$ 0.00147
	6P	\$ 0.00147
	6L	\$ 0.00147
	RTP With Customer Baseline Load	\$ 0.00147
	RTP Economic Development	\$ 0.00147
6VP	6VP	\$ -
NS	NS	\$ -
OUTDOOR LIGHTING	26	\$ -
TRAFFIC LIGHTING	30T	\$ -

I/A

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

Month	Year	Total Monthly KWH
January	2017	128,255,573
February	2017	123,276,205
March	2017	121,401,287
April	2017	134,156,079
May	2017	144,260,178
June	2017	124,780,321
July	2017	135,068,761
August	2017	133,164,939
September	2017	113,015,133
October	2017	132,315,519
November	2017	118,907,641
December	2017	115,995,157
TOTAL		1,524,596,788

Virginia Electric and Power Company

J/A

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	0.062 ¢/kWh
Schedule 1DF	0.062 ¢/kWh
Schedule 1P	0.062 ¢/kWh
Schedule 1T	0.062 ¢/kWh
Schedule 1W	0.062 ¢/kWh
Schedule 5	0.140 ¢/kWh
Schedule 5C	0.140 ¢/kWh
Schedule 5P	0.140 ¢/kWh
Schedule 6C	0.147 ¢/kWh
Schedule 6L	0.147 ¢/kWh
Schedule 6P	0.147 ¢/kWh
Schedule 6VP	0.000 ¢/kWh
Schedule 7	0.140 ¢/kWh
Schedule LGS RTP With Customer Baseline Load	0.147 ¢/kWh
Schedule LGS – RTP Economic Development	0.147 ¢/kWh
Schedule NS	0.000 ¢/kWh
Schedule 10	0.147 ¢/kWh
Schedule 26	0.000 ¢/kWh
Schedule 30	0.140 ¢/kWh
Schedule 30T	0.000 ¢/kWh
Schedule 42	0.140 ¢/kWh

Filed 08-21-18
Electric-North Carolina

Superseding Filing Effective For Usage On
and After 01-01-18. This Filing Effective
For Usage On and After 02-01-19.

I, A

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION ENERGY NORTH CAROLINA
RIDER CE
ALLOCATION OF NC JURISDICTIONAL REVENUE REQUIREMENT
TO THE CUSTOMER CLASSES AND CALCULATION OF RIDER CE CUSTOMER CLASS RATES
REFLECTS FORECASTED NET KWH SALES

CUSTOMER CLASS	CUST CLASS ALLOCATED REVENUE REQ.(1)	12 MOS ENDED 01/31/2020 NET FORECAST KWH	CUSTOMER CLASS RATE W/OUT REG FEE	CUSTOMER CLASS RATE WITH REG FEE
RESIDENTIAL	\$962,357	1,631,627,407	\$0.00059	\$0.00059
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	\$639,643	781,429,571	\$0.00082	\$0.00082
LARGE GENERAL SERVICE	\$237,922	277,714,388	\$0.00086	\$0.00086
6VP	\$0	0	0	0
NS	\$0	0	0	0
OUTDOOR LIGHTING	\$0	24,696,897	\$0.00000	\$0.00000
TRAFFIC LIGHTING	\$0	524,363	\$0.00000	\$0.00000
	<u>\$1,839,922</u>	<u>2,715,992,626</u>		

(1) FROM JCC SCHEDULE 3 PAGE 2

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**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	\$ 0.00059
	1DF	\$ 0.00059
	1P	\$ 0.00059
	1T	\$ 0.00059
	1W	\$ 0.00059
SMALL GENERAL SERVICE & PUBLIC AUTHORITY	30	\$ 0.00082
	42	\$ 0.00082
	5	\$ 0.00082
	5C	\$ 0.00082
	5P	\$ 0.00082
	7	\$ 0.00082
LARGE GENERAL SERVICE	10	\$ 0.00086
	6C	\$ 0.00086
	6P	\$ 0.00086
	6L	\$ 0.00086
	RTP With Customer Baseline Load	\$ 0.00086
	RTP Economic Development	\$ 0.00086
6VP	6VP	\$ -
NS	NS	\$ -
OUTDOOR LIGHTING	26	\$ -
TRAFFIC LIGHTING	30T	\$ -

Virginia Electric and Power Company

I/A

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	0.059 ¢/kWh
Schedule 1DF	0.059 ¢/kWh
Schedule 1P	0.059 ¢/kWh
Schedule 1T	0.059 ¢/kWh
Schedule 1W	0.059 ¢/kWh
Schedule 5	0.082 ¢/kWh
Schedule 5C	0.082 ¢/kWh
Schedule 5P	0.082 ¢/kWh
Schedule 6C	0.086 ¢/kWh
Schedule 6L	0.086 ¢/kWh
Schedule 6P	0.086 ¢/kWh
Schedule 6VP	0.000 ¢/kWh
Schedule 7	0.082 ¢/kWh
Schedule LGS RTP With Customer Baseline Load	0.086 ¢/kWh
Schedule LGS -- RTP Economic Development	0.086 ¢/kWh
Schedule NS	0.000 ¢/kWh
Schedule 10	0.086 ¢/kWh
Schedule 26	0.000 ¢/kWh
Schedule 30	0.082 ¢/kWh
Schedule 30T	0.000 ¢/kWh
Schedule 42	0.082 ¢/kWh

Filed 08-21-18
Electric-North Carolina

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

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

Filed 08-21-18
Electric-North Carolina

Superseding Filing Effective For Usage On
and After 01-01-18. This Filing Effective
For Usage On and After 01-01-19.

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DOCKET NO. E-22, SUB 556

**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 HEAT PUMP TUNE-UP PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	3,709,481	\$274,394	\$0.07397
2	2017	2	2,806,789	\$207,780	\$0.07403
3	2017	3	2,652,656	\$196,454	\$0.07406
4	2017	4	2,657,715	\$196,875	\$0.07408
5	2017	5	3,063,194	\$226,917	\$0.07408
6	2017	6	4,723,328	\$419,700	\$0.08886
7	2017	7	6,038,921	\$536,282	\$0.08880
8	2017	8	6,450,571	\$573,148	\$0.08885
9	2017	9	4,853,784	\$431,283	\$0.08886
10	2017	10	3,489,303	\$258,457	\$0.07407
11	2017	11	2,129,084	\$157,650	\$0.07405
12	2017	12	2,764,188	\$204,563	\$0.07400

* 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 6 on pages 2 to 4 in Columns (C) & (D) of each residential rate table.

DOCKET NO. E-22, SUB 556

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 HEAT PUMP TUNE-UP 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	2017	1	3,685,213	\$272,899	\$0.07405
2	2017	2	2,791,321	\$206,752	\$0.07407
3	2017	3	2,637,212	\$195,323	\$0.07406
4	2017	4	2,640,448	\$195,666	\$0.07410
5	2017	5	3,041,382	\$225,471	\$0.07413
6	2017	6	4,686,657	\$416,804	\$0.08893
7	2017	7	5,998,843	\$533,312	\$0.08890
8	2017	8	6,406,772	\$569,745	\$0.08893
9	2017	9	4,822,408	\$428,874	\$0.08893
10	2017	10	3,466,162	\$256,909	\$0.07412
11	2017	11	2,114,627	\$156,644	\$0.07408
12	2017	12	2,745,636	\$203,304	\$0.07405

* 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 556

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 HEAT PUMP TUNE-UP 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	2017	1	15,253	\$952	\$0.06241
2	2017	2	10,855	\$706	\$0.06504
3	2017	3	11,232	\$838	\$0.07461
4	2017	4	13,107	\$921	\$0.07027
5	2017	5	14,706	\$935	\$0.06358
6	2017	6	25,700	\$1,977	\$0.07693
7	2017	7	29,845	\$2,115	\$0.07087
8	2017	8	31,134	\$2,292	\$0.07362
9	2017	9	24,825	\$1,862	\$0.07501
10	2017	10	16,107	\$1,029	\$0.06389
11	2017	11	9,568	\$691	\$0.07222
12	2017	12	12,938	\$878	\$0.06786

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL

RESIDENTIAL HEAT PUMP TUNE-UP 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	2017	1	9,015	\$543	\$0.06023
2	2017	2	4,613	\$322	\$0.06980
3	2017	3	4,212	\$293	\$0.06956
4	2017	4	4,160	\$288	\$0.06923
5	2017	5	7,106	\$511	\$0.07191
6	2017	6	10,971	\$919	\$0.08377
7	2017	7	10,233	\$855	\$0.08355
8	2017	8	12,665	\$1,111	\$0.08772
9	2017	9	6,551	\$547	\$0.08350
10	2017	10	7,034	\$519	\$0.07378
11	2017	11	4,889	\$315	\$0.06443
12	2017	12	5,614	\$381	\$0.06787

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

I, A

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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 HEAT PUMP UPGRADE PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	1,469,496	\$108,778	\$0.07402
2	2017	2	1,094,080	\$81,002	\$0.07404
3	2017	3	1,052,239	\$77,927	\$0.07406
4	2017	4	1,110,719	\$82,341	\$0.07413
5	2017	5	1,305,108	\$96,758	\$0.07414
6	2017	6	1,952,103	\$173,551	\$0.08890
7	2017	7	2,445,800	\$217,400	\$0.08889
8	2017	8	2,576,214	\$229,095	\$0.08893
9	2017	9	1,987,676	\$176,705	\$0.08890
10	2017	10	1,487,451	\$110,220	\$0.07410
11	2017	11	910,921	\$67,472	\$0.07407
12	2017	12	1,148,092	\$85,030	\$0.07406

* Base Revenue reflects Schedule 1and 1P 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 3 in Columns (C) & (D) of each residential rate table.

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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 HEAT PUMP UPGRADE 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	2017	1	1,466,408	\$108,572	\$0.07404
2	2017	2	1,091,458	\$80,824	\$0.07405
3	2017	3	1,049,206	\$77,721	\$0.07408
4	2017	4	1,108,514	\$82,160	\$0.07412
5	2017	5	1,301,877	\$96,545	\$0.07416
6	2017	6	1,946,953	\$173,185	\$0.08895
7	2017	7	2,439,167	\$216,910	\$0.08893
8	2017	8	2,570,250	\$228,590	\$0.08894
9	2017	9	1,981,930	\$176,254	\$0.08893
10	2017	10	1,484,576	\$110,042	\$0.07412
11	2017	11	908,027	\$67,279	\$0.07409
12	2017	12	1,146,393	\$84,926	\$0.07408

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL

RESIDENTIAL HEAT PUMP UPGRADE 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	2017	1	3,088	\$206	\$0.06671
2	2017	2	2,622	\$178	\$0.06789
3	2017	3	3,033	\$206	\$0.06792
4	2017	4	2,205	\$181	\$0.08209
5	2017	5	3,231	\$213	\$0.06592
6	2017	6	5,150	\$366	\$0.07107
7	2017	7	6,633	\$490	\$0.07387
8	2017	8	5,964	\$505	\$0.08467
9	2017	9	5,746	\$451	\$0.07849
10	2017	10	2,875	\$178	\$0.06191
11	2017	11	2,894	\$193	\$0.06669
12	2017	12	1,699	\$104	\$0.06121

* 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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DOCKET NO. E-22, SUB 556

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 DUCT TESTING & SEALING 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	2017	1	396,996	\$29,373	\$0.07399
2	2017	2	272,215	\$20,135	\$0.07397
3	2017	3	261,127	\$19,297	\$0.07390
4	2017	4	317,922	\$23,527	\$0.07400
5	2017	5	433,064	\$32,033	\$0.07397
6	2017	6	675,358	\$59,916	\$0.08872
7	2017	7	840,782	\$74,552	\$0.08867
8	2017	8	893,645	\$79,310	\$0.08875
9	2017	9	718,582	\$63,753	\$0.08872
10	2017	10	521,568	\$38,565	\$0.07394
11	2017	11	275,534	\$20,356	\$0.07388
12	2017	12	290,703	\$21,494	\$0.07394

* 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.

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DOCKET NO. E-22, SUB 556

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 HOME ENERGY CHECK-UP PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	1,564,293	\$115,880	\$0.07408
2	2017	2	1,206,335	\$89,429	\$0.07413
3	2017	3	1,139,082	\$84,433	\$0.07412
4	2017	4	995,552	\$73,871	\$0.07420
5	2017	5	973,312	\$72,132	\$0.07411
6	2017	6	1,346,869	\$119,795	\$0.08894
7	2017	7	1,582,742	\$140,572	\$0.08882
8	2017	8	1,701,371	\$151,177	\$0.08886
9	2017	9	1,303,648	\$115,888	\$0.08890
10	2017	10	1,092,343	\$80,962	\$0.07412
11	2017	11	873,943	\$64,832	\$0.07418
12	2017	12	1,245,905	\$92,310	\$0.07409

* 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 9 on pages 2 to 4 in Columns (C) & (D) of each residential rate table.

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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 HOME ENERGY CHECK-UP 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	2017	1	1,543,967	\$114,703	\$0.07429
2	2017	2	1,191,733	\$88,524	\$0.07428
3	2017	3	1,124,841	\$83,552	\$0.07428
4	2017	4	982,015	\$72,945	\$0.07428
5	2017	5	960,883	\$71,324	\$0.07423
6	2017	6	1,329,202	\$118,351	\$0.08904
7	2017	7	1,562,430	\$139,051	\$0.08900
8	2017	8	1,677,316	\$149,385	\$0.08906
9	2017	9	1,289,894	\$114,775	\$0.08898
10	2017	10	1,077,571	\$79,937	\$0.07418
11	2017	11	862,214	\$64,010	\$0.07424
12	2017	12	1,227,177	\$91,158	\$0.07428

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL**

RESIDENTIAL HOME ENERGY CHECK-UP 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	2017	1	19,287	\$1,106	\$0.05734
2	2017	2	13,820	\$846	\$0.06122
3	2017	3	13,433	\$821	\$0.06112
4	2017	4	12,882	\$879	\$0.06823
5	2017	5	11,778	\$759	\$0.06444
6	2017	6	16,924	\$1,370	\$0.08095
7	2017	7	18,950	\$1,391	\$0.07340
8	2017	8	23,151	\$1,694	\$0.07317
9	2017	9	12,785	\$1,016	\$0.07947
10	2017	10	14,026	\$960	\$0.06844
11	2017	11	11,043	\$771	\$0.06982
12	2017	12	17,947	\$1,096	\$0.06107

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL

RESIDENTIAL HOME ENERGY CHECK-UP 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	2017	1	1,039	\$71	\$0.06833
2	2017	2	782	\$59	\$0.07545
3	2017	3	808	\$60	\$0.07426
4	2017	4	655	\$47	\$0.07176
5	2017	5	651	\$49	\$0.07527
6	2017	6	743	\$74	\$0.09960
7	2017	7	1,362	\$130	\$0.09545
8	2017	8	904	\$98	\$0.10841
9	2017	9	969	\$97	\$0.10010
10	2017	10	746	\$65	\$0.08713
11	2017	11	686	\$51	\$0.07434
12	2017	12	781	\$56	\$0.07170

* 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
 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	2017	1	290,425	\$21,652	\$0.07455
2	2017	2	277,955	\$20,723	\$0.07456
3	2017	3	275,547	\$20,520	\$0.07447
4	2017	4	264,604	\$19,694	\$0.07443
5	2017	5	218,322	\$16,247	\$0.07442
6	2017	6	333,190	\$29,739	\$0.08926
7	2017	7	180,511	\$16,143	\$0.08943
8	2017	8	429,928	\$38,378	\$0.08927
9	2017	9	221,174	\$19,757	\$0.08933
10	2017	10	206,153	\$15,334	\$0.07438
11	2017	11	212,300	\$15,793	\$0.07439
12	2017	12	307,595	\$22,886	\$0.07440

* 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.

I/A

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**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	2017	1	132,152,173	\$9,824,387	\$0.07434
2	2017	2	106,735,273	\$7,938,825	\$0.07438
3	2017	3	103,190,140	\$7,676,244	\$0.07439
4	2017	4	98,452,129	\$7,323,167	\$0.07438
5	2017	5	94,612,200	\$7,034,111	\$0.07435
6	2017	6	134,609,610	\$12,006,312	\$0.08919
7	2017	7	146,822,594	\$13,088,248	\$0.08914
8	2017	8	184,752,369	\$16,476,170	\$0.08918
9	2017	9	124,124,757	\$11,068,837	\$0.08918
10	2017	10	110,633,302	\$8,223,863	\$0.07433
11	2017	11	84,172,434	\$6,260,377	\$0.07438
12	2017	12	128,125,645	\$9,530,537	\$0.07438

* 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 11 on pages 2 to 4 in Columns (C) & (D) of each residential rate table.

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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	2017	1	131,429,093	\$9,781,891	\$0.07443
2	2017	2	106,209,404	\$7,905,638	\$0.07443
3	2017	3	102,676,295	\$7,642,556	\$0.07443
4	2017	4	97,934,941	\$7,288,384	\$0.07442
5	2017	5	94,070,921	\$6,999,797	\$0.07441
6	2017	6	133,850,313	\$11,948,664	\$0.08927
7	2017	7	145,899,622	\$13,023,311	\$0.08926
8	2017	8	183,775,287	\$16,405,500	\$0.08927
9	2017	9	123,386,011	\$11,013,613	\$0.08926
10	2017	10	109,987,909	\$8,183,960	\$0.07441
11	2017	11	83,685,767	\$6,228,491	\$0.07443
12	2017	12	127,532,173	\$9,493,414	\$0.07444

* 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
 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	2017	1	624,256	\$36,076	\$0.05779
2	2017	2	452,003	\$28,014	\$0.06198
3	2017	3	438,480	\$28,447	\$0.06488
4	2017	4	445,736	\$29,756	\$0.06676
5	2017	5	470,534	\$29,335	\$0.06234
6	2017	6	661,760	\$49,535	\$0.07485
7	2017	7	798,806	\$54,447	\$0.06816
8	2017	8	854,704	\$59,922	\$0.07011
9	2017	9	643,859	\$47,131	\$0.07320
10	2017	10	561,102	\$33,761	\$0.06017
11	2017	11	429,261	\$27,853	\$0.06489
12	2017	12	510,842	\$31,604	\$0.06187

* 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
 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	2017	1	98,824	\$6,420	\$0.06496
2	2017	2	73,866	\$5,173	\$0.07003
3	2017	3	75,365	\$5,241	\$0.06954
4	2017	4	71,452	\$5,027	\$0.07035
5	2017	5	70,745	\$4,979	\$0.07038
6	2017	6	97,537	\$8,113	\$0.08318
7	2017	7	124,166	\$10,490	\$0.08448
8	2017	8	122,378	\$10,748	\$0.08783
9	2017	9	94,887	\$8,093	\$0.08529
10	2017	10	84,291	\$6,142	\$0.07287
11	2017	11	57,406	\$4,033	\$0.07025
12	2017	12	82,630	\$5,519	\$0.06679

* 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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DOCKET NO. E-22, SUB 556

**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 ENERGY AUDIT PROGRAM

SUMMARY

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	4,525,068	\$322,341	\$0.07123
2	2017	2	4,202,690	\$299,939	\$0.07137
3	2017	3	4,224,266	\$303,854	\$0.07193
4	2017	4	4,470,986	\$314,703	\$0.07039
5	2017	5	4,904,294	\$342,784	\$0.06989
6	2017	6	5,781,537	\$420,842	\$0.07279
7	2017	7	6,183,438	\$464,010	\$0.07504
8	2017	8	6,223,596	\$467,361	\$0.07510
9	2017	9	5,974,411	\$438,515	\$0.07340
10	2017	10	5,539,042	\$396,838	\$0.07164
11	2017	11	4,695,915	\$350,390	\$0.07462
12	2017	12	4,446,033	\$324,299	\$0.07294

* 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 12 on pages 2 to 7 in Columns (C) & (D) of each residential rate table.

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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 ENERGY AUDIT 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	2017	1	666,450	\$32,405	\$0.04862
2	2017	2	624,788	\$25,528	\$0.04086
3	2017	3	606,493	\$22,678	\$0.03739
4	2017	4	624,365	\$21,865	\$0.03502
5	2017	5	676,902	\$25,000	\$0.03693
6	2017	6	672,559	\$29,238	\$0.04347
7	2017	7	738,998	\$44,750	\$0.06055
8	2017	8	690,969	\$38,987	\$0.05642
9	2017	9	744,493	\$32,439	\$0.04357
10	2017	10	645,993	\$30,718	\$0.04755
11	2017	11	689,501	\$28,808	\$0.04178
12	2017	12	633,948	\$26,642	\$0.04203

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL

NON-RESIDENTIAL ENERGY AUDIT PROGRAM

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	2017	1	130,162	\$8,818	\$0.06775
2	2017	2	137,238	\$8,716	\$0.06351
3	2017	3	139,562	\$10,101	\$0.07238
4	2017	4	151,427	\$10,702	\$0.07067
5	2017	5	188,723	\$13,316	\$0.07056
6	2017	6	269,819	\$19,410	\$0.07194
7	2017	7	95,760	\$6,860	\$0.07164
8	2017	8	95,040	\$7,030	\$0.07397
9	2017	9	111,600	\$8,092	\$0.07251
10	2017	10	100,800	\$6,730	\$0.06677
11	2017	11	84,960	\$5,956	\$0.07010
12	2017	12	52,560	\$3,870	\$0.07363

* 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 42

Line Number.	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	61,680	\$3,670	\$0.05950
2	2017	2	66,800	\$3,858	\$0.05775
3	2017	3	66,240	\$3,830	\$0.05782
4	2017	4	63,440	\$3,620	\$0.05706
5	2017	5	78,960	\$4,578	\$0.05798
6	2017	6	87,280	\$7,522	\$0.08618
7	2017	7	80,640	\$6,929	\$0.08593
8	2017	8	82,320	\$7,117	\$0.08646
9	2017	9	109,680	\$9,252	\$0.08435
10	2017	10	88,720	\$5,306	\$0.05981
11	2017	11	78,320	\$4,861	\$0.06207
12	2017	12	70,320	\$4,054	\$0.05765

* 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 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	1,135,943	\$67,579	\$0.05949
2	2017	2	1,036,595	\$62,703	\$0.06049
3	2017	3	1,049,024	\$64,077	\$0.06108
4	2017	4	1,171,566	\$70,654	\$0.06031
5	2017	5	1,432,413	\$84,805	\$0.05920
6	2017	6	1,655,134	\$108,870	\$0.06578
7	2017	7	1,722,386	\$112,030	\$0.06504
8	2017	8	2,026,950	\$131,635	\$0.06494
9	2017	9	1,605,706	\$104,307	\$0.06496
10	2017	10	1,640,416	\$97,022	\$0.05914
11	2017	11	1,063,799	\$64,401	\$0.06054
12	2017	12	1,122,231	\$67,100	\$0.05979

* 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	2017	1	2,012,733	\$166,827	\$0.08289
2	2017	2	1,866,269	\$160,549	\$0.08603
3	2017	3	1,888,047	\$163,470	\$0.08658
4	2017	4	1,981,988	\$168,080	\$0.08480
5	2017	5	2,043,096	\$176,062	\$0.08617
6	2017	6	2,524,045	\$213,094	\$0.08443
7	2017	7	2,751,158	\$228,191	\$0.08294
8	2017	8	2,598,477	\$223,974	\$0.08619
9	2017	9	2,624,792	\$220,241	\$0.08391
10	2017	10	2,363,093	\$195,628	\$0.08278
11	2017	11	2,146,215	\$183,631	\$0.08556
12	2017	12	2,007,954	\$169,340	\$0.08433

* 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 6P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	518,100	\$43,042	\$0.08308
2	2017	2	471,000	\$38,585	\$0.08192
3	2017	3	474,900	\$39,698	\$0.08359
4	2017	4	478,200	\$39,782	\$0.08319
5	2017	5	484,200	\$39,023	\$0.08059
6	2017	6	572,700	\$42,708	\$0.07457
7	2017	7	794,496	\$65,250	\$0.08213
8	2017	8	729,840	\$58,618	\$0.08032
9	2017	9	778,140	\$64,184	\$0.08248
10	2017	10	700,020	\$61,434	\$0.08776
11	2017	11	633,120	\$62,733	\$0.09909
12	2017	12	559,020	\$53,293	\$0.09533

* 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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Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	8,977,273	\$583,219	\$0.06497
2	2017	2	8,419,002	\$496,636	\$0.05899
3	2017	3	8,282,149	\$485,364	\$0.05860
4	2017	4	8,694,347	\$497,081	\$0.05717
5	2017	5	9,258,743	\$544,603	\$0.05882
6	2017	6	10,637,125	\$701,319	\$0.06593
7	2017	7	11,502,653	\$880,441	\$0.07654
8	2017	8	11,816,210	\$889,804	\$0.07530
9	2017	9	10,871,620	\$744,016	\$0.06844
10	2017	10	10,154,965	\$659,429	\$0.06494
11	2017	11	8,751,978	\$539,593	\$0.06165
12	2017	12	8,537,114	\$523,681	\$0.06134

* 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 13 on pages 2 to 7 in Columns (C) & (D) of each residential rate table.

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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	2017	1	3,486,385	\$197,755	\$0.05672
2	2017	2	3,328,754	\$132,466	\$0.03979
3	2017	3	3,266,689	\$121,753	\$0.03727
4	2017	4	3,497,224	\$124,096	\$0.03548
5	2017	5	3,549,021	\$141,565	\$0.03989
6	2017	6	3,806,938	\$189,889	\$0.04988
7	2017	7	4,212,910	\$332,603	\$0.07895
8	2017	8	4,220,973	\$313,381	\$0.07424
9	2017	9	4,088,236	\$227,240	\$0.05558
10	2017	10	3,509,935	\$185,842	\$0.05295
11	2017	11	3,564,115	\$149,815	\$0.04203
12	2017	12	3,311,606	\$139,983	\$0.04227

* 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 30

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	690,811	\$42,849	\$0.06203
2	2017	2	633,564	\$40,442	\$0.06383
3	2017	3	610,555	\$40,261	\$0.06594
4	2017	4	630,972	\$41,888	\$0.06639
5	2017	5	719,104	\$46,246	\$0.06431
6	2017	6	834,830	\$58,763	\$0.07039
7	2017	7	656,295	\$44,954	\$0.06850
8	2017	8	663,557	\$45,331	\$0.06832
9	2017	9	721,526	\$49,586	\$0.06872
10	2017	10	637,981	\$40,281	\$0.06314
11	2017	11	508,643	\$32,520	\$0.06393
12	2017	12	541,175	\$33,562	\$0.06202

* 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 42

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	282,070	\$16,827	\$0.05966
2	2017	2	269,882	\$15,947	\$0.05909
3	2017	3	248,980	\$14,838	\$0.05960
4	2017	4	202,020	\$12,007	\$0.05943
5	2017	5	217,642	\$12,321	\$0.05661
6	2017	6	247,439	\$20,692	\$0.08362
7	2017	7	246,808	\$20,489	\$0.08302
8	2017	8	230,828	\$19,235	\$0.08333
9	2017	9	278,522	\$23,281	\$0.08359
10	2017	10	244,556	\$14,269	\$0.05835
11	2017	11	213,129	\$13,094	\$0.06144
12	2017	12	275,858	\$16,791	\$0.06087

* 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 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	2,290,804	\$139,539	\$0.06091
2	2017	2	2,085,589	\$128,097	\$0.06142
3	2017	3	2,064,185	\$128,129	\$0.06207
4	2017	4	2,202,078	\$134,332	\$0.06100
5	2017	5	2,502,077	\$150,327	\$0.06008
6	2017	6	2,975,724	\$197,933	\$0.06652
7	2017	7	3,143,551	\$206,370	\$0.06565
8	2017	8	3,552,454	\$235,224	\$0.06621
9	2017	9	2,666,495	\$176,198	\$0.06608
10	2017	10	2,908,963	\$173,072	\$0.05950
11	2017	11	1,936,520	\$117,615	\$0.06074
12	2017	12	1,997,844	\$121,512	\$0.06082

* 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	2017	1	1,954,503	\$166,162	\$0.08501
2	2017	2	1,831,813	\$159,719	\$0.08719
3	2017	3	1,829,840	\$160,673	\$0.08781
4	2017	4	1,894,453	\$165,252	\$0.08723
5	2017	5	1,978,999	\$173,206	\$0.08752
6	2017	6	2,446,694	\$210,017	\$0.08584
7	2017	7	2,744,693	\$232,249	\$0.08462
8	2017	8	2,671,158	\$234,513	\$0.08779
9	2017	9	2,602,401	\$221,057	\$0.08494
10	2017	10	2,409,110	\$205,092	\$0.08513
11	2017	11	2,140,951	\$185,826	\$0.08680
12	2017	12	2,048,411	\$175,191	\$0.08553

* 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 6P

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	272,700	\$20,087	\$0.07366
2	2017	2	269,400	\$19,965	\$0.07411
3	2017	3	261,900	\$19,710	\$0.07526
4	2017	4	267,600	\$19,506	\$0.07289
5	2017	5	291,900	\$20,938	\$0.07173
6	2017	6	325,500	\$24,025	\$0.07381
7	2017	7	498,396	\$43,776	\$0.08783
8	2017	8	477,240	\$42,120	\$0.08826
9	2017	9	514,440	\$46,654	\$0.09069
10	2017	10	444,420	\$40,873	\$0.09197
11	2017	11	388,620	\$40,723	\$0.10479
12	2017	12	362,220	\$36,642	\$0.10116

* 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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Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	1,955,120	\$127,685	\$0.06531
2	2017	2	1,914,655	\$87,425	\$0.04566
3	2017	3	1,849,154	\$81,225	\$0.04393
4	2017	4	1,927,048	\$82,782	\$0.04296
5	2017	5	2,093,647	\$88,707	\$0.04237
6	2017	6	2,380,261	\$132,578	\$0.05570
7	2017	7	2,521,594	\$183,254	\$0.07267
8	2017	8	2,709,957	\$250,522	\$0.09245
9	2017	9	2,547,015	\$167,411	\$0.06573
10	2017	10	2,292,136	\$158,725	\$0.06925
11	2017	11	2,026,560	\$108,324	\$0.05345
12	2017	12	1,963,319	\$101,680	\$0.05179

* 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 14 on pages 2 to 7 in Columns (C) & (D) of each residential rate table.

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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	2017	1	1,494,587	\$98,506	\$0.06591
2	2017	2	1,406,771	\$56,504	\$0.04017
3	2017	3	1,348,261	\$49,370	\$0.03662
4	2017	4	1,432,561	\$51,302	\$0.03581
5	2017	5	1,495,862	\$50,876	\$0.03401
6	2017	6	1,707,618	\$81,666	\$0.04782
7	2017	7	1,787,479	\$120,526	\$0.06743
8	2017	8	1,939,382	\$186,769	\$0.09630
9	2017	9	1,789,968	\$102,117	\$0.05705
10	2017	10	1,568,543	\$100,702	\$0.06420
11	2017	11	1,420,809	\$58,405	\$0.04111
12	2017	12	1,420,371	\$59,328	\$0.04177

* 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 30

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	82,642	\$5,518	\$0.06677
2	2017	2	87,558	\$5,484	\$0.06263
3	2017	3	90,602	\$6,397	\$0.07061
4	2017	4	99,587	\$6,952	\$0.06981
5	2017	5	128,963	\$8,654	\$0.06710
6	2017	6	171,899	\$12,096	\$0.07037
7	2017	7	-	-	-
8	2017	8	-	-	-
9	2017	9	-	-	-
10	2017	10	-	-	-
11	2017	11	-	-	-
12	2017	12	-	-	-

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

*** Only one Schedule 30 customer participated in this program. This customer moved to Rate Schedule 6P midyear, therefore there is zero kWh for the months of July through December for Rate Schedule 30. This customer's usage will be shown in the Schedule 6P table for the remainder of the year.

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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	2017	1	211,980	\$11,930	\$0.05628
2	2017	2	277,700	\$15,145	\$0.05454
3	2017	3	255,840	\$14,130	\$0.05523
4	2017	4	232,640	\$12,813	\$0.05508
5	2017	5	267,360	\$15,068	\$0.05636
6	2017	6	247,180	\$20,553	\$0.08315
7	2017	7	258,540	\$21,323	\$0.08247
8	2017	8	307,920	\$25,267	\$0.08206
9	2017	9	291,180	\$23,886	\$0.08203
10	2017	10	272,020	\$20,088	\$0.07385
11	2017	11	249,620	\$14,212	\$0.05693
12	2017	12	246,420	\$13,523	\$0.05488

* 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 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	134,471	\$8,768	\$0.06520
2	2017	2	114,626	\$7,573	\$0.06607
3	2017	3	123,331	\$8,427	\$0.06833
4	2017	4	132,820	\$8,751	\$0.06589
5	2017	5	172,982	\$11,020	\$0.06371
6	2017	6	217,084	\$14,832	\$0.06832
7	2017	7	273,059	\$18,221	\$0.06673
8	2017	8	268,175	\$17,662	\$0.06586
9	2017	9	245,387	\$16,293	\$0.06640
10	2017	10	243,733	\$14,424	\$0.05918
11	2017	11	191,651	\$11,711	\$0.06111
12	2017	12	171,728	\$10,873	\$0.06332

* 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	2017	1	31,440	\$2,963	\$0.09424
2	2017	2	28,000	\$2,719	\$0.09711
3	2017	3	31,120	\$2,901	\$0.09322
4	2017	4	29,440	\$2,964	\$0.10068
5	2017	5	28,480	\$3,089	\$0.10846
6	2017	6	36,480	\$3,431	\$0.09405
7	2017	7	33,520	\$3,352	\$0.10000
8	2017	8	34,640	\$3,442	\$0.09936
9	2017	9	31,840	\$3,302	\$0.10371
10	2017	10	34,320	\$3,163	\$0.09216
11	2017	11	30,560	\$2,966	\$0.09705
12	2017	12	30,480	\$2,781	\$0.09124

* 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
 EXCLUDES CUSTOMER CHARGES, ALL FUEL COMPONENTS, AND OPT-OUT CUSTOMERS
 NORTH CAROLINA JURISDICTIONAL

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	2017	1	-	-	-
2	2017	2	-	-	-
3	2017	3	-	-	-
4	2017	4	-	-	-
5	2017	5	-	-	-
6	2017	6	-	-	-
7	2017	7	168,996	\$19,832	\$0.11735
8	2017	8	159,840	\$17,382	\$0.10875
9	2017	9	188,640	\$21,813	\$0.11563
10	2017	10	173,520	\$20,348	\$0.11727
11	2017	11	133,920	\$21,030	\$0.15703
12	2017	12	94,320	\$15,175	\$0.16089

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

*** Only one Schedule 6P customer participated in this program. This customer moved from Rate Schedule 30 to Rate Schedule 6P midyear, therefore there is zero kWh for the months of January through June on the Rate Schedule 6P table.

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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	2017	1	3,553,370	\$272,901	\$0.07680
2	2017	2	3,493,808	\$252,611	\$0.07230
3	2017	3	3,345,907	\$245,894	\$0.07349
4	2017	4	3,299,065	\$230,898	\$0.06999
5	2017	5	3,367,102	\$230,829	\$0.06855
6	2017	6	3,986,251	\$304,239	\$0.07632
7	2017	7	3,363,309	\$272,410	\$0.08099
8	2017	8	4,208,735	\$343,552	\$0.08163
9	2017	9	3,924,791	\$298,117	\$0.07596
10	2017	10	3,712,464	\$274,379	\$0.07391
11	2017	11	3,489,688	\$254,461	\$0.07292
12	2017	12	3,063,917	\$225,307	\$0.07354

* 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 15 on pages 2 to 7 in Columns (C) & (D) of each residential rate table.

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 NORTH CAROLINA JURISDICTIONAL**

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	2017	1	741,881	\$46,615	\$0.06283
2	2017	2	717,449	\$30,402	\$0.04238
3	2017	3	714,178	\$28,121	\$0.03938
4	2017	4	701,004	\$26,377	\$0.03763
5	2017	5	689,037	\$26,125	\$0.03792
6	2017	6	709,641	\$35,775	\$0.05041
7	2017	7	734,161	\$55,461	\$0.07554
8	2017	8	722,930	\$57,845	\$0.08001
9	2017	9	705,859	\$38,356	\$0.05434
10	2017	10	744,052	\$45,526	\$0.06119
11	2017	11	723,737	\$31,524	\$0.04356
12	2017	12	786,131	\$34,477	\$0.04386

* 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	2017	1	100,918	\$6,661	\$0.06600
2	2017	2	109,686	\$6,805	\$0.06204
3	2017	3	109,302	\$7,549	\$0.06907
4	2017	4	127,023	\$8,555	\$0.06735
5	2017	5	164,555	\$10,639	\$0.06465
6	2017	6	202,199	\$14,065	\$0.06956
7	2017	7	34,744	\$2,216	\$0.06378
8	2017	8	33,068	\$2,168	\$0.06556
9	2017	9	33,824	\$2,182	\$0.06451
10	2017	10	26,928	\$1,566	\$0.05816
11	2017	11	22,628	\$1,317	\$0.05820
12	2017	12	14,444	\$942	\$0.06522

* 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	2017	1	94,000	\$5,033	\$0.05354
2	2017	2	95,440	\$5,104	\$0.05348
3	2017	3	91,440	\$4,596	\$0.05026
4	2017	4	85,760	\$4,488	\$0.05233
5	2017	5	137,760	\$7,315	\$0.05310
6	2017	6	157,520	\$12,493	\$0.07931
7	2017	7	183,040	\$14,315	\$0.07821
8	2017	8	155,520	\$12,674	\$0.08149
9	2017	9	184,960	\$14,825	\$0.08015
10	2017	10	159,760	\$8,493	\$0.05316
11	2017	11	115,680	\$6,144	\$0.05311
12	2017	12	82,560	\$4,215	\$0.05105

* 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 5

Line Number	Year (A)	Month (B)	Sum of kWh** (C)	Sum of Base* Revenue** (D)	Average Base Rate (E) = (D)/(C)
1	2017	1	1,155,856	\$75,949	\$0.06571
2	2017	2	1,082,431	\$72,214	\$0.06671
3	2017	3	1,072,963	\$71,638	\$0.06677
4	2017	4	1,062,804	\$70,734	\$0.06655
5	2017	5	1,070,488	\$69,975	\$0.06537
6	2017	6	1,484,474	\$109,814	\$0.07398
7	2017	7	902,116	\$61,239	\$0.06788
8	2017	8	1,521,948	\$111,924	\$0.07354
9	2017	9	1,167,473	\$84,649	\$0.07251
10	2017	10	1,069,955	\$71,110	\$0.06646
11	2017	11	1,059,070	\$70,551	\$0.06662
12	2017	12	725,108	\$45,763	\$0.06311

* 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	2017	1	832,465	\$68,195	\$0.08192
2	2017	2	738,052	\$67,266	\$0.09114
3	2017	3	734,149	\$65,430	\$0.08912
4	2017	4	755,474	\$67,243	\$0.08901
5	2017	5	820,512	\$68,691	\$0.08372
6	2017	6	1,032,542	\$86,541	\$0.08381
7	2017	7	837,127	\$71,331	\$0.08521
8	2017	8	1,114,054	\$94,695	\$0.08500
9	2017	9	902,035	\$75,030	\$0.08318
10	2017	10	889,874	\$74,133	\$0.08331
11	2017	11	794,153	\$67,051	\$0.08443
12	2017	12	653,479	\$56,171	\$0.08596

* 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	2017	1	628,250	\$70,448	\$0.11213
2	2017	2	750,750	\$70,820	\$0.09433
3	2017	3	623,875	\$68,560	\$0.10989
4	2017	4	567,000	\$53,501	\$0.09436
5	2017	5	484,750	\$48,084	\$0.09919
6	2017	6	399,875	\$45,551	\$0.11391
7	2017	7	672,121	\$67,848	\$0.10095
8	2017	8	661,215	\$64,246	\$0.09716
9	2017	9	930,640	\$83,075	\$0.08927
10	2017	10	821,895	\$73,551	\$0.08949
11	2017	11	774,420	\$77,874	\$0.10056
12	2017	12	802,195	\$83,739	\$0.10439

* 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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COMMERCIAL 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	2017	1	39,897	\$2,446	\$0.06131
2	2017	2	35,897	\$2,221	\$0.06187
3	2017	3	33,784	\$2,085	\$0.06172
4	2017	4	30,355	\$1,871	\$0.06164
5	2017	5	35,619	\$2,188	\$0.06143
6	2017	6	40,094	\$2,791	\$0.06961
7	2017	7	56,392	\$3,866	\$0.06856
8	2017	8	77,480	\$5,438	\$0.07019
9	2017	9	23,740	\$1,614	\$0.06799
10	2017	10	51,401	\$3,238	\$0.06299
11	2017	11	20,005	\$1,172	\$0.05859
12	2017	12	30,526	\$1,929	\$0.06319

* 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.