

September 17, 2019

**VIA ELECTRONIC FILING**

Ms. Kimberley A. Campbell, Chief Clerk  
North Carolina Utilities Commission  
Dobbs Building  
430 North Salisbury Street  
Raleigh, North Carolina 27603-5918

**Re: Docket No. E-22, Sub 562**  
**Docket No. E-22, Sub 566**

Dear Ms. Campbell:

Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (“DENC” or the “Company”), submits for filing in the above-referenced dockets and in support of the Agreement and Stipulation of Settlement being filed simultaneously under separate cover, the Testimony and Exhibits of Richard M. Davis, Jr., Robert B. Hevert, Paul M. McLeod, Robert E. Miller, and Paul B. Haynes (“Stipulation Testimony”).

Portions of the Stipulation Testimony contain confidential information, addressing project costs and capital expenditures, as well as customer specific usage information. The information designated by the Company as confidential qualifies as “trade secrets” under N.C. Gen. Stat. § 66-152(3). If this information were to be publicly disclosed, it would allow competitors, vendors, and other market participants to gain access to the projected or actual costs for goods or services that will be or have been competitively bid. Public disclosure of this information may provide commercial value to external vendors and may ultimately result in harm to ratepayers. Pursuant to N.C. Gen. Stat. § 132-1.2, the Company requests that the information marked “**Confidential**” be protected from public disclosure. The Company is filing all pages designated as confidential under seal, and will make the information available to other parties pursuant to an appropriate nondisclosure agreement.

Pursuant to Commission Rule R1-28(e)(1), the Company plans to deliver fifteen (15) paper copies of the Rebuttal Filing to the Commission on September 18, 2019.

Ms. Kimberley A. Campbell, Chief Clerk  
September 17, 2019  
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Please do not hesitate to contact me if you have any questions regarding this filing.

Sincerely,

/s/Mary Lynne Grigg

MLG:kjg

Enclosures

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Sep 17 2019

**TESTIMONY  
OF  
RICHARD M. DAVIS, JR.  
IN SUPPORT OF AGREEMENT AND STIPULATION OF SETTLEMENT  
ON BEHALF OF  
DOMINION ENERGY NORTH CAROLINA  
BEFORE THE  
NORTH CAROLINA UTILITIES COMMISSION  
DOCKET NO. E-22, SUB 562**

**Q. Please state your name, position, and business address.**

1 A. My name is Richard M. Davis, Jr., and I am Director – Corporate Finance and  
2 Assistant Treasurer for Virginia Electric and Power Company, which operates  
3 in North Carolina as Dominion Energy North Carolina (“DENC” or the  
4 “Company”). My business address is 120 Tredegar Street, Richmond,  
5 Virginia 23219.

6 **Q. Are you the same Richard Davis who filed direct, supplemental, and**  
7 **rebuttal testimony in this proceeding?**

8 A. Yes, I am.

9 **Q. What is the purpose of your testimony?**

10 A. The purpose of this testimony is to support the Agreement and Stipulation of  
11 Settlement the Company reached with the North Carolina Utilities  
12 Commission Public Staff (“Public Staff”) (together, the “Stipulating Parties”),  
13 and filed with the Commission on September 17, 2019, in this docket (the  
14 “Stipulation”) as it relates to the capital structure to be used in setting rates in  
15 this proceeding.

1    **Q.     What capital structure is reflected in the Stipulation?**

2    A.     The Stipulation provides for a capital structure consisting of an equity  
3           component of 52.00% and a long-term debt component of 48.00%. This  
4           capital structure represents a compromise by both parties in an effort to reach  
5           agreement. The settlement recommendation of 52.00% for the equity ratio is  
6           165 basis points lower than the Company's request of 53.649% (which  
7           represents DENC's actual June 30, 2019, equity ratio when short-term debt is  
8           removed from the capital structure). This equity ratio is also 200 basis points  
9           higher than the Public Staff's initial recommendation as presented in the  
10          testimony of Public Staff Witness J. Randall Woolridge,<sup>1</sup> and 25 basis points  
11          higher than the Commission-authorized equity ratio in the 2016 DENC rate  
12          case.

13   **Q.     What is the Company's overall cost of capital when this capital structure**  
14   **and the cost of capital are accounted for?**

15   A.     Taken together with the return on equity of 9.75% presented by Company  
16          Witness Hevert and the 4.442% debt cost rate, which was not contested, the  
17          capital structure reflected in the Stipulation results in an overall cost of capital  
18          of 7.202%, as shown in Figure 1 below.

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<sup>1</sup> Dr. Woolridge also presented an alternative rate of return recommendation that used DENC's actual June 30, 2019, equity ratio of 53.649%, combined with a recommended return on equity of 8.75%.

**VIRGINIA ELECTRIC AND POWER COMPANY****Cost of Capital and Capital Structure****Actual June 30, 2019 Balances with Proposed ROE**

<u>Description</u>	EOP Q2 2019			
	Q2 2019 Amount	Q2 2019 Percent	Annualized Cost Rate	Q2 2019 Weighted Cost
Total Long-Term Debt	\$11,192,889,951	46.351%	4.442%	2.059%
Total Debt	11,192,889,951	48.000%	4.442%	2.132%
Common Equity:				
Common Stock & Other Paid-in Capital	6,850,277,118	28.368%		
Retained Earnings	6,104,778,627	25.281%		
Total Common Equity	12,955,055,745	52.000%	9.750%	5.070%
Total Capitalization	\$24,147,945,696	100.000%		7.202%

1    **Q.     Is the 52.00% equity ratio a reasonable result?**

2    A.     Yes. While I continue to believe that the Company's actual capital structure is

3           the most relevant capital structure to use in establishing the Company's rates

4           in this proceeding, I also believe that the stipulated capital structure of 52%

5           equity and 48% long-term debt represents a reasonable compromise when

6           considered within the context of the Stipulation taken as whole, including the

7           stipulated ROE of 9.75%. When considered within the larger negotiation on

8           all non-CCR issues in this proceeding, I believe this result to be fair and

9           reasonable with respect to customers and shareholders. While the equity

10          component of the settled capital structure is less than the 53.649% I supported

11          in my earlier testimony in this proceeding, I believe an equity component of

12          52.00% will still allow DENC to maintain reasonable access to financing in

13          the capital markets in order to fund the significant investments it has planned

14          for the next several years. I believe this level of equity component will when

15          combined with the stipulated cost of equity of 9.75% enable DENC to

1 maintain and support its credit requirements and to raise the capital necessary,  
2 on favorable terms, to continue providing safe and reliable service to its  
3 customers.

4 **Q. Does this conclude your testimony?**

5 **A.** Yes, it does.

**BEFORE THE NORTH CAROLINA UTILITIES COMMISSION  
DOCKET NO. E-22, SUB 562**

In the Matter of:	)	
	)	<b>STIPULATION SUPPORT</b>
Application of Dominion Energy North	)	<b>TESTIMONY OF</b>
Carolina for Adjustment of Rates and	)	<b>ROBERT B. HEVERT FOR</b>
Charges Applicable to Electric Service in	)	<b>DOMINION ENERGY NORTH</b>
North Carolina	)	<b>CAROLINA</b>

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1                   **I. WITNESS IDENTIFICATION AND QUALIFICATIONS**

2   **Q. PLEASE STATE YOUR NAME, AFFILIATION AND BUSINESS ADDRESS.**

3   A. My name is Robert B. Hevert. I am a Partner of ScottMadden, Inc. My business  
4 address is 1900 West Park Drive, Suite 250, Westborough, Massachusetts 01581.

5   **Q. ARE YOU THE SAME ROBERT HEVERT THAT SUBMITTED DIRECT**  
6 **AND REBUTTAL TESTIMONY IN THIS PROCEEDING?**

7   A. Yes, I submitted Direct and Rebuttal<sup>1</sup> Testimony before the North Carolina Utilities  
8 Commission (“Commission”) on behalf of Virginia Electric Power Company, doing  
9 business in North Carolina as Dominion Energy North Carolina. (“DENC” or the  
10 “Company”).

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

13   A. My Stipulation Support testimony supports the 9.75 percent Return on Equity  
14 (“ROE”)<sup>2</sup> provided for in the Stipulation and Agreement of Partial Settlement dated  
15 September 17, 2019 (the “Stipulation”) among the Company and Public Staff  
16 (together, the “Stipulating Parties”). The conclusions discussed in my Stipulation  
17 Support Testimony are supported by the data and analysis presented in Exhibit  
18 RBH-S-1 which, for convenience, replicates Company Rebuttal Exhibit RBH-1 to

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<sup>1</sup> Rebuttal Testimony filed September 12, 2019 in response to “CIGFUR” Witness Mr. Phillips.

<sup>2</sup> I refer to the 9.75 percent ROE contained in the Stipulation as the “Stipulated ROE.”



1 my Rebuttal Testimony filed in this proceeding on September 12, 2019. Exhibit  
2 RBH-S-1 has been prepared under my direction.

3 **II. SUPPORT FOR THE STIPULATED RETURN ON EQUITY**

4 **Q. ARE YOU FAMILIAR WITH THE TERMS OF THE STIPULATION AS IT**  
5 **RELATES TO THE COMPANY'S RETURN ON EQUITY?**

6 A. Yes, I am familiar with certain terms underlying the Stipulation. In particular, I  
7 understand the Stipulating Parties have agreed to the Stipulated ROE of 9.75  
8 percent.

9 **Q. IN GENERAL, DO YOU SUPPORT THE COMPANY'S DECISION TO**  
10 **AGREE TO THE STIPULATED ROE?**

11 A. Yes, I do. In my Direct and Rebuttal Testimonies, I recommend an ROE within the  
12 range of 10.00 percent to 11.00 percent.<sup>3</sup> Although the 9.75 percent Stipulated ROE  
13 is somewhat below the lower bound of my recommended range, I understand the  
14 Stipulation reflects negotiations among the Stipulating Parties regarding multiple  
15 issues. I further understand the Company believes the terms of the Stipulation,  
16 taken as a whole, would be viewed by the financial community as constructive and  
17 equitable. I appreciate and respect that determination.

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<sup>3</sup> See, Direct Testimony of Robert B. Hevert, at 4; Rebuttal Testimony of Robert B. Hevert dated September 12, 2019, at 3.

1   **Q.   PLEASE NOW SUMMARIZE YOUR ASSESSMENT OF THE**  
2       **STIPULATED ROE.**

3   A.   Although it falls somewhat below my recommended range, the Stipulated ROE  
4       generally is within the ranges of analytical results presented in my Direct and  
5       Rebuttal Testimonies. As discussed in those Testimonies, the unsettled capital  
6       market environment adds considerable complexity to estimating the Cost of Equity.  
7       Given that complexity and uncertainty, it remains my position that in a fully  
8       litigated proceeding, 10.00 percent to 11.00 percent represents an appropriate and  
9       defensible range of the Company's Cost of Equity. Nonetheless, I recognize the  
10      benefits associated with the Company's decision to enter into the Stipulation. On  
11      balance, it is my view that the Stipulated ROE is a reasonable resolution of a  
12      complex and frequently contentious issue.

13   **Q.   HAVE YOU CONSIDERED THE STIPULATED ROE IN THE CONTEXT**  
14       **OF AUTHORIZED RETURNS FOR OTHER VERTICALLY INTEGRATED**  
15       **ELECTRIC UTILITIES?**

16   A.   Yes, I have. As shown in Exhibit RBH-S-1, since January 2016 the average  
17       authorized ROE for vertically integrated electric utilities was 9.74 percent, only one  
18       basis point from the Stipulated ROE.<sup>4</sup> More recently, the median ROE authorized  
19       in 2019 has been 9.73 percent, just two basis points from the Stipulated ROE. From  
20       a somewhat different perspective, Regulatory Research Associates ("RRA"), which

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<sup>4</sup> Please note, RRA reports no cases for vertically integrated electric utilities between June and August 2019.

1 is a widely referenced source of rate case data, provides an assessment of the extent  
2 to which regulatory jurisdictions are constructive from investors' perspectives, or  
3 not. As RRA explains:

4 RRA maintains three principal rating categories, Above Average,  
5 Average, and Below Average, with Above Average indicating a  
6 relatively more constructive, lower-risk regulatory environment  
7 from an investor viewpoint, and Below Average indicating a less  
8 constructive, higher-risk regulatory climate from an investor  
9 viewpoint. Within the three principal rating categories, the numbers  
10 1, 2, and 3 indicate relative position. The designation 1 indicates a  
11 stronger (more constructive) rating; 2, a mid range rating; and, 3, a  
12 weaker (less constructive) rating. We endeavor to maintain an  
13 approximately equal number of ratings above the average and below  
14 the average.<sup>5</sup>

15 Within that ranking system, North Carolina is rated "Average/1", which falls in the  
16 approximate top one-third of the 53 regulatory commissions ranked by RRA.<sup>6</sup>

17 Across the 81 electric rate cases summarized in Exhibit RBH-S-1, the mean and  
18 median authorized ROEs were 9.93 percent and 9.95 percent, respectively, in  
19 jurisdictions that, like North Carolina, are rated at least Average/1. Those results  
20 are consistent with, although somewhat higher than, the Stipulated ROE.

21 **Q. DOES THE STIPULATED ROE GENERALLY FALL WITHIN THE**  
22 **RANGE OF YOUR MODEL RESULTS?**

23 A. Yes. Although it falls below the Risk Premium model results, the Stipulated ROE  
24 percent falls at about:

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<sup>5</sup> Source: Regulatory Research Associates.

<sup>6</sup> Source: Regulatory Research Associates. Of the 53 jurisdictions, 18 are ranked "Average/1" or higher.

- 1       • The 69<sup>th</sup> percentile of the mean and median Constant Growth Discounted Cash
- 2       Flow (“DCF”) results provided in Exhibit RBH-1;<sup>7</sup>
- 3       • The 32<sup>th</sup> percentile of the Capital Asset Pricing Model (“CAPM”), and Empirical
- 4       CAPM results provided in Exhibit RBH-4; and
- 5       • The 40<sup>th</sup> percentile of Expected Earnings analysis results provided in Exhibit
- 6       RBH-6.

7       **Q.   WHAT CONCLUSIONS DO YOU DRAW FROM THOSE ANALYSES AND**

8       **RESULTS?**

9       A.   First, the Stipulated ROE is supported by returns authorized in other jurisdictions,

10       including those whose regulatory climates are comparable to North Carolina. That

11       finding is important, given the Company’s need to compete for capital with other

12       electric utilities. Second, although it is toward the lower end, 9.75 percent generally

13       falls within the range of my model results. Together, those observations support

14       my conclusion that the Stipulated ROE, in the context of the overall Stipulation, is

15       a reasonable outcome. As noted earlier, however, in a fully litigated proceeding I

16       would continue to support my recommended range.

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<sup>7</sup> Based on the mean and median results presented in columns 10, 11, and 12 for the 30, 90, and 180-day average stock price calculations. The cited exhibits refer to my Direct Testimony filed March 29, 2019.

1   **Q.    LASTLY, DOES YOUR TESTIMONY IN THIS PROCEEDING,**  
2       **INCLUDING YOUR SUPPORT FOR THE STIPULATED ROE, CONSIDER**  
3       **ECONOMIC CONDITIONS IN NORTH CAROLINA?**

4    A.    Yes, it does. As explained in my Direct Testimony, I understand and appreciate the  
5       Commission's need to balance the interests of investors and ratepayers, and to  
6       consider economic conditions in the State, as it sets rates. I therefore reviewed  
7       several measures of economic conditions and found that North Carolina, and the  
8       counties contained in the Company's service area, have experienced significant  
9       improvement over the past several years, with further improvement expected in the  
10      future.<sup>8</sup> From that perspective as well, I believe the Stipulated ROE is a reasonable  
11      outcome.

12   **Q.    DOES THIS CONCLUDE YOUR STIPULATION SUPPORT TESTIMONY?**

13   A.    Yes, it does.

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<sup>8</sup> Direct Testimony of Robert B. Hevert, at 48-58.

Recently Authorized ROEs by RRA Ranking

State	Company	Case Identification	Service	Case Type	Date	Return on Equity (%)	RRA Rank	Electric Utilities		
								Top Tier (Average/1 and higher)	Middle Tier (Average/2)	Bottom Tier (Average/3 and lower)
Washington	Avista Corp.	D-UE-150204	Electric	Vertically Integrated	1/6/2016	9.50	Average / 3			9.50
Arkansas	Entergy Arkansas LLC	D-15-015-U	Electric	Vertically Integrated	2/23/2016	9.75	Average / 3			9.75
Indiana	Indianapolis Power & Light Co.	Ca-44576	Electric	Vertically Integrated	3/16/2016	9.85	Above Average / 3	9.85		
New Mexico	El Paso Electric Co.	C-15-00127-UT	Electric	Vertically Integrated	6/8/2016	9.48	Below Average / 1			9.48
Indiana	Northern IN Public Svc Co.	Ca-44688	Electric	Vertically Integrated	7/18/2016	9.98	Above Average / 3	9.98		
Tennessee	Kingsport Power Company	D-16-00001	Electric	Vertically Integrated	8/9/2016	9.85	Average / 1	9.85		
Arizona	UNS Electric Inc.	D-E-04204A-15-0142	Electric	Vertically Integrated	8/18/2016	9.50	Average / 3			9.50
Washington	PacifiCorp	D-UE-152253	Electric	Vertically Integrated	9/1/2016	9.50	Average / 3			9.50
Michigan	Upper Peninsula Power Co.	C-U-17895	Electric	Vertically Integrated	9/8/2016	10.00	Average / 1	10.00		
New Mexico	Public Service Co. of NM	C-15-00261-UT	Electric	Vertically Integrated	9/28/2016	9.58	Below Average / 1			9.58
Wisconsin	Madison Gas and Electric Co.	D-3270-UR-121 (Elec)	Electric	Vertically Integrated	11/9/2016	9.80	Above Average / 2	9.80		
Oklahoma	Public Service Co. of OK	Ca-PUD201500208	Electric	Vertically Integrated	11/10/2016	9.50	Average / 2		9.50	
Wisconsin	Wisconsin Power and Light Co	D-6680-UR-120 (Elec)	Electric	Vertically Integrated	11/18/2016	10.00	Above Average / 2	10.00		
Florida	Florida Power & Light Co.	D-160021-EI	Electric	Vertically Integrated	11/29/2016	10.55	Above Average / 3	10.55		
California	Lberty Utilities (CalPeco Elect	A-15-05-008	Electric	Vertically Integrated	12/1/2016	10.00	Average / 1	10.00		
South Carolina	Duke Energy Progress LLC	D-2016-227-E	Electric	Vertically Integrated	12/7/2016	10.10	Average / 1	10.10		
Colorado	Black Hills Colorado Electric	D-16AL-0326E	Electric	Vertically Integrated	12/19/2016	9.37	Average / 1	9.37		
Nevada	Sierra Pacific Power Co.	D-16-06006	Electric	Vertically Integrated	12/22/2016	9.60	Average / 2		9.60	
North Carolina	Virginia Electric & Power Co.	D-E-22, Sub 532	Electric	Vertically Integrated	12/22/2016	9.90	Average / 1	9.90		
Idaho	Avista Corp.	C-AVU-E-16-03	Electric	Vertically Integrated	12/28/2016	9.50	Average / 2		9.50	
Wyoming	MDU Resources Group Inc.	D-20004-117-ER-16	Electric	Vertically Integrated	1/18/2017	9.45	Average / 2		9.45	
Michigan	DTE Electric Co.	C-U-18014	Electric	Vertically Integrated	1/31/2017	10.10	Average / 1	10.10		
Arizona	Tucson Electric Power Co.	D-E-01933A-15-0322	Electric	Vertically Integrated	2/24/2017	9.75	Average / 3			9.75
Michigan	Consumers Energy Co.	C-U-17990	Electric	Vertically Integrated	2/28/2017	10.10	Average / 1	10.10		
Minnesota	Otter Tail Power Co.	D-E-017/GR-15-1033	Electric	Vertically Integrated	3/2/2017	9.41	Average / 2		9.41	
Oklahoma	Oklahoma Gas and Electric Co.	Ca-PUD201500273	Electric	Vertically Integrated	3/20/2017	9.50	Average / 2		9.50	
Florida	Gulf Power Co.	D-160186-EI	Electric	Vertically Integrated	4/4/2017	10.25	Above Average / 3	10.25		
Missouri	Kansas City Power & Light	C-ER-2016-0285	Electric	Vertically Integrated	5/3/2017	9.50	Average / 2		9.50	
Minnesota	Northern States Power Co. - MN	D-E-002/GR-15-826	Electric	Vertically Integrated	5/11/2017	9.20	Average / 2		9.20	
Arkansas	Oklahoma Gas and Electric Co.	D-16-052-U	Electric	Vertically Integrated	5/18/2017	9.50	Average / 1	9.50		
North Dakota	MDU Resources Group Inc.	C-PU-16-666	Electric	Vertically Integrated	6/16/2017	9.65	Average / 1	9.65		
Kentucky	Kentucky Utilities Co.	C-2016-00370	Electric	Vertically Integrated	6/22/2017	9.70	Average / 1	9.70		
Kentucky	Louisville Gas & Electric Co.	C-2016-00371 (elec.)	Electric	Vertically Integrated	6/22/2017	9.70	Average / 1	9.70		
Arizona	Arizona Public Service Co.	D-E-01345A-16-0036	Electric	Vertically Integrated	8/15/2017	10.00	Average / 3			10.00
California	San Diego Gas & Electric Co.	Advice No. 3120-E	Electric	Vertically Integrated	10/26/2017	10.20	Above Average / 3	10.20		
California	Pacific Gas and Electric Co.	Advice No. 3887-G/5148-E	Electric	Vertically Integrated	10/26/2017	10.25	Above Average / 3	10.25		
California	Southern California Edison Co.	Advice No. 3665-E	Electric	Vertically Integrated	10/26/2017	10.30	Above Average / 3	10.30		
Florida	Tampa Electric Co.	D-20170210-EI	Electric	Vertically Integrated	11/6/2017	10.25	Above Average / 2	10.25		
Alaska	Alaska Electric Light Power	D-U-16-086	Electric	Vertically Integrated	11/15/2017	11.95	Below Average / 1			11.95
Washington	Puget Sound Energy Inc.	D-UE-170033	Electric	Vertically Integrated	12/5/2017	9.50	Average / 3			9.50
Wisconsin	Northern States Power Co - WI	D-4220-UR-123 (Elec)	Electric	Vertically Integrated	12/7/2017	9.80	Above Average / 2	9.80		
Texas	Southwestern Electric Power Co	D-46449	Electric	Vertically Integrated	12/14/2017	9.60	Average / 3			9.60
Texas	El Paso Electric Co.	D-46831	Electric	Vertically Integrated	12/14/2017	9.65	Average / 3			9.65
Oregon	Portland General Electric Co.	D-UE-319	Electric	Vertically Integrated	12/18/2017	9.50	Average / 2		9.50	
New Mexico	Public Service Co. of NM	C-16-00276-UT	Electric	Vertically Integrated	12/20/2017	9.58	Below Average / 2			9.58
Vermont	Green Mountain Power Corp.	C-17-3112-INV	Electric	Vertically Integrated	12/21/2017	9.10	Average / 2		9.10	
Idaho	Avista Corp.	C-AVU-E-17-01	Electric	Vertically Integrated	12/28/2017	9.50	Average / 2		9.50	
Nevada	Nevada Power Co.	D-17-06003	Electric	Vertically Integrated	12/29/2017	9.51	Average / 2		9.51	
Kentucky	Kentucky Power Co.	C-2017-00179	Electric	Vertically Integrated	1/18/2018	9.70	Average / 1	9.70		
Oklahoma	Public Service Co. of OK	Ca-PUD201700151	Electric	Vertically Integrated	1/31/2018	9.30	Average / 3			9.30
Iowa	Interstate Power & Light Co.	D-RPU-2017-0001	Electric	Vertically Integrated	2/2/2018	9.98	Average / 1	9.98		

Recently Authorized ROEs by RRA Ranking

State	Company	Case Identification	Service	Case Type	Date	Return on Equity (%)	RRA Rank	Electric Utilities		
								Top Tier (Average/1 and higher)	Middle Tier (Average/2)	Bottom Tier (Average/3 and lower)
North Carolina	Duke Energy Progress LLC	D-E-2, Sub 1142	Electric	Vertically Integrated	2/23/2018	9.90	Average / 1	9.90		
Minnesota	ALLETE (Minnesota Power)	D-E-015/GR-16-664	Electric	Vertically Integrated	3/12/2018	9.25	Average / 2		9.25	
Michigan	Consumers Energy Co.	C-U-18322	Electric	Vertically Integrated	3/29/2018	10.00	Above Average / 3	10.00		
Michigan	Indiana Michigan Power Co.	C-U-18370	Electric	Vertically Integrated	4/12/2018	9.90	Above Average / 3	9.90		
Kentucky	Duke Energy Kentucky Inc.	C-2017-00321	Electric	Vertically Integrated	4/13/2018	9.73	Average / 1	9.73		
Michigan	DTE Electric Co.	C-U-18255	Electric	Vertically Integrated	4/18/2018	10.00	Above Average / 3	10.00		
Washington	Avista Corp.	D-UE-170485	Electric	Vertically Integrated	4/26/2018	9.50	Average / 3			9.50
Indiana	Indiana Michigan Power Co.	Ca-44967	Electric	Vertically Integrated	5/30/2018	9.95	Average / 1	9.95		
Hawaii	Hawaiian Electric Co.	D-2016-0328	Electric	Vertically Integrated	6/22/2018	9.50	Average / 2		9.50	
North Carolina	Duke Energy Carolinas LLC	D-E-7, Sub 1146	Electric	Vertically Integrated	6/22/2018	9.90	Average / 1	9.90		
Hawaii	Hawaii Electric Light Co	D-2015-0170	Electric	Vertically Integrated	6/29/2018	9.50	Average / 2		9.50	
New Mexico	Southwestern Public Service Co	C-17-00255-UT	Electric	Vertically Integrated	9/5/2018	9.56	Below Average / 2			9.56
Wisconsin	Wisconsin Power and Light Co	D-6680-UR-121 (Elec)	Electric	Vertically Integrated	9/14/2018	10.00	Above Average / 2	10.00		
Wisconsin	Madison Gas and Electric Co.	D-3270-UR-122 (Elec)	Electric	Vertically Integrated	9/20/2018	9.80	Above Average / 2	9.80		
North Dakota	Otter Tail Power Co.	C-PU-17-398	Electric	Vertically Integrated	9/26/2018	9.77	Average / 1	9.77		
Kansas	Westar Energy Inc.	D-18-WSEE-328-RTS	Electric	Vertically Integrated	9/27/2018	9.30	Below Average / 1			9.30
Indiana	Indianapolis Power & Light Co.	Ca-45029	Electric	Vertically Integrated	10/31/2018	9.99	Average / 1	9.99		
Kansas	Kansas City Power & Light	D-18-KCPE-480-RTS	Electric	Vertically Integrated	12/13/2018	9.30	Below Average / 1			9.30
Oregon	Portland General Electric Co.	D-UE-335	Electric	Vertically Integrated	12/14/2018	9.50	Average / 2		9.50	
Michigan	Consumers Energy Co.	C-U-20134	Electric	Vertically Integrated	1/9/2019	10.00	Above Average / 3	10.00		
West Virginia	Appalachian Power Co.	C-18-0646-E-42T	Electric	Vertically Integrated	2/27/2019	9.75	Below Average / 2			9.75
Oklahoma	Public Service Co. of OK	Ca-PUD201800097	Electric	Vertically Integrated	3/14/2019	9.40	Average / 3			9.40
Kentucky	Kentucky Utilities Co.	C-2018-00294	Electric	Vertically Integrated	4/30/2019	9.73	Average / 1	9.73		
Kentucky	Louisville Gas & Electric Co.	C-2018-00295 (elec.)	Electric	Vertically Integrated	4/30/2019	9.73	Average / 1	9.73		
South Carolina	Duke Energy Carolinas LLC	D-2018-319-E	Electric	Vertically Integrated	5/1/2019	9.50	Average / 3			9.50
Michigan	DTE Electric Co.	C-U-20162	Electric	Vertically Integrated	5/2/2019	10.00	Above Average / 3	10.00		
South Carolina	Duke Energy Progress LLC	D-2018-318-E	Electric	Vertically Integrated	5/8/2019	9.50	Average / 3			9.50
South Dakota	Otter Tail Power Co.	D-EL18-021	Electric	Vertically Integrated	5/14/2019	8.75	Average / 2		8.75	
Hawaii	Maui Electric Company Ltd	D-2017-0150	Electric	Vertically Integrated	5/16/2019	9.50	Average / 2		9.50	
Michigan	Upper Peninsula Power Co.	C-U-20276	Electric	Vertically Integrated	5/23/2019	9.90	Above Average / 3	9.90		
Total Cases						81		41	18	22
Mean						9.74		9.93	9.40	9.66
Median						9.70		9.95	9.50	9.50
Maximum						11.95		10.55	9.60	11.95
Minimum						8.75		9.37	8.75	9.30
2019 Mean						9.61				
2019 Median						9.73				

Source: Regulatory Research Associates

**TESTIMONY  
OF  
PAUL M. MCLEOD  
IN SUPPORT OF AGREEMENT AND STIPULATION OF SETTLEMENT  
ON BEHALF OF  
DOMINION ENERGY NORTH CAROLINA  
BEFORE THE  
NORTH CAROLINA UTILITIES COMMISSION  
DOCKET NO. E-22, SUB 562**

1   **Q.     Please state your name, business address, and position with Virginia**  
2       **Electric and Power Company.**

3   **A.     My name is Paul M. McLeod, and my business address is 120 Tredegar Street,**  
4       **Richmond, Virginia 23219. I am a Regulatory Consultant with the Regulatory**  
5       **Accounting Group for Virginia Electric and Power Company, which operates**  
6       **in North Carolina as Dominion Energy North Carolina (“DENC” or the**  
7       **“Company”).**

8   **Q.     Have you previously submitted testimony in this proceeding?**

9   **A.     Yes. I have previously submitted testimony in this proceeding. I have**  
10       **sponsored pre-filed direct, supplemental, second supplemental, and rebuttal**  
11       **testimony, supporting the Company’s proposed changes to base fuel and non-**  
12       **fuel revenue requirements, as has been updated in this case.**

13   **Q.     Mr. McLeod, what is the purpose of your testimony today?**

14   **A.     My testimony supports the Agreement and Stipulation of Settlement**  
15       **(“Stipulation”) as filed today by the North Carolina Public Staff (“Public**  
16       **Staff”) and agreed to between DENC and the Public Staff (“the Stipulating**



1 Parties”). Specifically, my testimony in support of the Stipulation addresses  
2 certain accounting and ratemaking adjustments agreed upon in the Stipulation.

3 **Q. Are you sponsoring any exhibits with your rebuttal testimony?**

4 A. Yes. I am sponsoring Company Settlement Exhibit PMM-1, which supports a  
5 base non-fuel revenue increase of \$8.6 million. This revenue increase reflects  
6 all of the agreed-upon settlement adjustments to the revenue requirement and  
7 the Company’s position on unresolved issues, specifically the ratemaking  
8 treatment of coal combustion residual (“CCR”) costs. Company  
9 Supplemental Exhibit PMM-1 consists of the follow schedules:

10 Schedule 1 – Rate of Return Statement – Adjusted

11 Schedule 2 – Rate Base Statement – Adjusted

12 I have also prepared an updated Rule R1-17(b)(9) statement showing, among  
13 other things, the calculation of the additional base non-fuel revenue change of  
14 \$8.6 million.

15 **Q. Has the Company reviewed Settlement Exhibits I & II sponsored by**  
16 **Public Staff Witness Sonja R. Johnson?**

17 A. Yes. The Company has reviewed and agrees with Settlement Exhibits I & II  
18 sponsored by Public Staff Witness Johnson. My Settlement Exhibit PMM-1  
19 reflects the adjustments in the “Company” column of Settlement Exhibit I.

1   **Q.   Please describe the events that led to the filing of a stipulation in this**  
2       **proceeding.**

3   A.   After the filing of the Company's Application in this docket, DENC, the Public  
4       Staff, and intervenors engaged in substantial discovery regarding the matters  
5       contained therein. All parties filed testimony in the case asserting their  
6       respective positions, and the Company also filed rebuttal testimony responding  
7       to certain positions taken by the Public Staff and intervenors.

8       After lengthy negotiations but before the Company filed its rebuttal testimony,  
9       DENC and the Public Staff arrived at a settlement of all issues in the case other  
10      than the appropriate mechanism for recovery of DENC's previously-incurred  
11      CCR costs, specifically the recovery amortization period and return during the  
12      amortization period. These extensive negotiations between the Stipulating  
13      Parties culminated in the Stipulation being filed today in this proceeding.

14   **Q.   What was the outcome of the negotiations among the Stipulating Parties?**

15   A.   The agreement reflected in the Stipulation was the result of the give-and-take  
16      negotiations in which each party made substantial compromises on individual  
17      issues in order to obtain a compromise from the other parties on other issues. In  
18      the end, each party believes that the results reached, in the aggregate, are fair to  
19      the Company and its customers.

1   **Q.   Please describe the effect of the Stipulation on DENC’s requested revenue**  
2       **increase.**

3   A.   The Stipulation provides for an adjustment to the Company’s North  
4       Carolina retail base rates and tariffs to produce a total increase in annual  
5       non-fuel base revenues of \$8.6 million from DENC’s North Carolina retail  
6       electric operations, which represents a decrease of \$15.6 million from  
7       DENC’s requested revenue increase of \$24.2 million, as presented in my  
8       second supplemental direct filing (filed on September 12, 2019). Public  
9       Staff Witness Johnson Settlement Exhibit 1 contains a detailed reconciliation  
10      between DENC’s requested base non-fuel rate revenue increase and the  
11      stipulated revenue increase.

12   **Q.   You note that the Stipulating Parties did not reach an agreement regarding**  
13       **CCR Costs. How is that reflected in the revenue requirement described**  
14       **above?**

15   A.   The Public Staff continues to support the “equitable sharing” methodology for  
16       the Company’s previously-incurred CCR costs sought for recovery in this  
17       proceeding, as described in the direct testimony of Public Staff Witness Michael  
18       C. Maness. This methodology amortizes the costs over a 19-year period with  
19       the unamortized balance excluded from rate base and reduces the Company’s  
20       base non-fuel revenue requirement by \$7.2 million. The Company disagrees  
21       with the Public Staff’s recommended partial disallowance of CCR costs.

22       As most recently addressed in my rebuttal testimony, the Company’s  
23       Application recommended recovery of DENC’s previously-incurred CCR costs

1 over a three year amortization period; however, the Company has now modified  
2 its position in this Stipulation to amortize such CCR costs over a five-year  
3 period rather than a three-year period as originally requested in its direct filing,  
4 with the unamortized balance included in rate base. Moving from a three-year  
5 amortization to a five-year amortization results in a \$2.8 million downward  
6 adjustment to the Company's revenue requirement. As this amount falls within  
7 the Public Staff's adjustment amount, it has been reflected in Public Staff  
8 Witness Johnson Settlement Exhibit 1, notwithstanding the fact that the  
9 Stipulating Parties intend to litigate the appropriate ratemaking treatment for  
10 CCR costs as part of this proceeding. The disposition of the remaining  
11 difference of \$4.3 million between the adjustments proposed by the Public Staff  
12 and the Company will be resolved outside of the Stipulation.

13 **Q. Please provide an overview of the major components of the Stipulation.**

14 **A.** The key features of the Stipulation are as follows:

- 15 • The Stipulation provides for an annual non-fuel base revenue increase  
16 of \$8.6 million. As the Company originally requested a \$24.2 million  
17 increase in revenues, as presented in my second supplemental direct  
18 testimony, the Stipulation represents a reduction of approximately  
19 64% from the Company's original request;
- 20 • The Stipulation is based upon a return on equity ("ROE") of 9.75%  
21 and a capital structure for ratemaking purposes consisting of 52%  
22 common equity and 48% long-term debt. As further addressed by  
23 Company Witness Hevert, the stipulated ROE is below the Company's

1 currently allowed ROE of 9.9% as well as the Company's originally  
2 requested 10.75% ROE. The Stipulating Parties agreed to an  
3 embedded cost of debt of 4.442% as appropriate and reasonable for  
4 purposes of this proceeding. The overall rate of return resulting from  
5 the above inputs is 7.20%, which is 17 basis points below the  
6 Company's currently authorized overall rate of return of 7.37%;

7 • The Stipulating Parties agree that an average base fuel factor of  
8 \$0.02092 per kWh, including regulatory fee, is appropriate to be  
9 included in the Company's base rates, and that the appropriate  
10 experience modification factor to be included in the Company's annual  
11 fuel factor to be effective February 1, 2020, shall be determined by the  
12 Commission in the Company's 2019 fuel factor proceeding, Docket  
13 No. E-22, Sub-579 ("2019 Fuel Case");

14 • The Stipulating Parties agree that decrement Rider A1, equal to  
15 (\$0.00375) per kWh on a jurisdictional basis, calculated as the  
16 difference between the currently approved Rider B EMF of \$0.00388  
17 per kWh and the proposed Rider B EMF in the Company's 2019 Fuel  
18 Case Docket, E-22, Sub 579 of \$0.00013 per kWh, is appropriate to  
19 become effective November 1, 2019, to coincide with the effective  
20 date of interim rates in this proceeding. The Company has stated in  
21 the 2019 Fuel Case that it is anticipating over-recovering fuel expenses  
22 in the second half of 2019.

- 1                   • The Stipulating Parties agree that the Company shall implement Rider  
2                   EDIT to allow for recovery of federal EDIT of \$1.2 million (on a pre-  
3                   income tax basis). The \$1.2 million is comprised of 1) the  
4                   amortization of all unprotected federal EDIT totaling \$8.0 million  
5                   partially offset by 2) the refund of \$6.8 million associated with federal  
6                   EDIT amortization attributable to the 22-month period January 1, 2018  
7                   through October 31, 2019. The Stipulating Parties agree that the  
8                   Company shall implement Rider EDIT as described in the stipulation  
9                   testimony of Company witnesses McLeod and Haynes.
- 10                  • The Stipulating Parties' dispute regarding the inclusion of certain wet-  
11                  to-dry conversion costs at the Chesterfield Power Station  
12                  ("Chesterfield") has been resolved for purposes of this proceeding by  
13                  including these costs in the stipulated revenue requirement, pending  
14                  resolution of a similar dispute in the Company's Virginia jurisdiction,  
15                  as discussed further in the stipulation testimony of Company Witness  
16                  Mark D. Mitchell. If the final resolution in the Virginia jurisdiction  
17                  results in such costs being removed from the Virginia Rider E revenue  
18                  requirement, the Company will establish a regulatory liability for  
19                  estimated amounts recovered from North Carolina jurisdictional  
20                  customers associated with Chesterfield wet-to-dry conversion costs  
21                  beginning November 1, 2019 and ending on the effective date of rates  
22                  established in the Company's next general rate case. The amortization

1 of the regulatory liability balance will be incorporated into the revenue  
2 requirement developed in the Company's next general rate case.

3 **Q. In your opinion, does the Stipulation reflect a fair, just, and reasonable**  
4 **resolution of the issues it addresses?**

5 A. Yes. The Stipulation is the result of negotiations between the Stipulating Parties  
6 who, collectively, represent both residential and industrial customer interests  
7 impacted by this rate case. It resolves all but one contested issue in the case  
8 between the Stipulating Parties without the necessity of contentious litigation.  
9 Therefore, we respectfully request that the Commission approve the Stipulation  
10 in its entirety.

11 **Q. Does that conclude your testimony in support of the stipulation?**

12 A. Yes.

**DOMINION ENERGY NORTH CAROLINA**  
**DOCKET NO. E-22, SUB 562**  
**RATE OF RETURN STATEMENT - ADJUSTED**  
**TWELVE MONTHS ENDED DECEMBER 31, 2018**  
(Thousands of Dollars)

Line No.	(Col. 1) Total Company	(Col. 2) Non-Jurisdictional	(Col. 3) North Carolina Jurisdictional Cost of Service (1) - (2)	(Col. 4) Accounting Adjustments	(Col. 5) North Carolina Jurisdictional Cost of Service After Adjustments (3) + (4)	(Col. 6) Additional Revenue Required for a 9.75% ROE	(Col. 7) North Carolina Jurisdictional Amounts After Proposed Increase (5) + (6)
<b>1 OPERATING REVENUE</b>							
2 Base Non-Fuel Rate Revenues	\$ 5,226,387	\$ 4,958,367	\$ 268,020	\$ (11,328)	\$ 256,692	\$ 8,387	\$ 265,079
3 Base Fuel Rate Revenues	2,173,013	2,087,055	85,958	5,872	91,830	(2,155)	89,675
4 Late Payment Fees	21,282	20,149	1,133	54	1,187	21	1,207
5 Other Operating Revenues	213,517	207,583	5,935	(878)	5,057	176	5,233
<b>6 TOTAL OPERATING REVENUE</b>	<b>\$ 7,634,199</b>	<b>\$ 7,273,153</b>	<b>\$ 361,045</b>	<b>\$ (6,280)</b>	<b>\$ 354,766</b>	<b>\$ 6,428</b>	<b>\$ 361,194</b>
<b>7 OPERATING REVENUE DEDUCTIONS</b>							
8 Fuel Expenses	1,929,730	1,844,320	85,410	4,148	89,558		89,558
9 Other Operation & Maintenance Expense	2,157,992	2,044,379	113,613	(18,582)	95,031	29	95,061
10 Depreciation & Amortization	1,151,458	1,091,392	60,066	4,476	64,541		64,541
11 Federal Income Taxes	190,992	183,989	7,003	2,258	9,262	1,261	10,522
12 State Income Taxes	94,725	91,193	3,532	402	3,935	373	4,308
13 Taxes Other Than Income Taxes	286,176	271,594	14,582	(263)	14,319		14,319
14 (Gain)/Loss on Disposition of Property	110	(128)	238	(13)	225		225
<b>15 TOTAL OPERATING REVENUE DEDUCTIONS</b>	<b>\$ 5,811,183</b>	<b>\$ 5,526,738</b>	<b>\$ 284,445</b>	<b>\$ (7,574)</b>	<b>\$ 276,871</b>	<b>\$ 1,663</b>	<b>\$ 278,534</b>
<b>16 OPERATING INCOME</b>	<b>\$ 1,823,016</b>	<b>\$ 1,746,416</b>	<b>\$ 76,600</b>	<b>\$ 1,294</b>	<b>\$ 77,895</b>	<b>\$ 4,765</b>	<b>\$ 82,659</b>
17 PLUS: Allowance for Funds Used During Construction	60,040	59,805	235	(235)	-		-
18 LESS: Charitable Donations	6,783	6,453	330	(330)	-		-
19 Interest Expense On Customer Deposits	1,894	1,822	72	-	72		72
20 Other Interest Expense/Income	1,492	1,416	76	-	76		76
<b>21 ADJUSTED OPERATING INCOME</b>	<b>\$ 1,872,887</b>	<b>\$ 1,796,530</b>	<b>\$ 76,357</b>	<b>\$ 1,390</b>	<b>\$ 77,747</b>	<b>\$ 4,765</b>	<b>\$ 82,511</b>
22 PLUS: Other Income/(Expenses)	(51,800)	(51,800)	0	0	0		-
23 LESS: Interest Expense on Debt	539,438	514,026	25,412	(1,006)	24,406	22	24,429
<b>24 INCOME AVAILABLE FOR COMMON EQUITY</b>	<b>\$ 1,281,648</b>	<b>\$ 1,230,703</b>	<b>\$ 50,945</b>	<b>\$ 2,395</b>	<b>\$ 53,340</b>	<b>\$ 4,742</b>	<b>\$ 58,083</b>
25 Allowance for Working Capital	(672,862)	(674,090)	1,228	66,396	67,624	1,047	68,671
26 PLUS: Net Utility Plant	29,693,072	28,202,174	1,490,899	(128,184)	1,362,714		1,362,714
27 LESS: Other Rate Base Deductions	5,833,814	5,533,429	300,385	(14,616)	285,769		285,769
<b>28 TOTAL RATE BASE</b>	<b>\$ 23,186,396</b>	<b>\$ 21,994,654</b>	<b>\$ 1,191,742</b>	<b>\$ (47,173)</b>	<b>\$ 1,144,569</b>	<b>\$ 1,047</b>	<b>\$ 1,145,616</b>
29 Total Capital	\$ 23,186,396	\$ 21,994,654	\$ 1,191,742	\$ (47,173)	\$ 1,144,569		\$ 1,145,616
30 Common Equity Capital	\$ 12,056,926	\$ 11,437,220	\$ 619,706	\$ (24,530)	\$ 595,176		\$ 595,720
31 % Rate of Return Earned on Rate Base			6.41%		6.79%		7.20%
32 % Rate Of Return Earned On Common Equity			8.22%		8.96%		9.75%
33 % Rate of Return Requested					9.75%		9.75%

Notes:

(1) NC Jurisdictional Interest Expense = NC Jurisdictional Year End Rate Base \* Debt Weighted Cost of Capital Percentage  
\$25,412 = \$ 1,191,742 \* 2.132%



**DOMINION ENERGY NORTH CAROLINA**  
**DOCKET NO. E-22, SUB 562**  
**RATE BASE STATEMENT - ADJUSTED**  
**TWELVE MONTHS ENDED DECEMBER 31, 2018**

(Thousands of Dollars)

Line No.	(Col. 1) Total Company	(Col. 2) Non-Jurisdictional	(Col. 3) North Carolina Jurisdictional Cost of Service (1)-(2)	(Col. 4) Accounting Adjustments	(Col. 5) North Carolina Jurisdictional Cost of Service After Adjustments (3)+(4)
1 <b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>					
2 Materials & Supplies	\$ 837,705	\$ 795,916	\$ 41,790	\$ (1,034)	\$ 40,755
3 Investor Funds Advanced	283,839	270,409	13,430	288	13,717
4 Total Additions	378,280	322,886	55,394	(16,113)	39,281
5 Total Deductions	(2,172,686)	(2,063,301)	(109,385)	83,256	(26,130)
6 <b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	<b>\$ (672,862)</b>	<b>\$ (674,090)</b>	<b>\$ 1,228</b>	<b>\$ 66,396</b>	<b>\$ 67,624</b>
7 <b><u>NET UTILITY PLANT</u></b>					
8 Utility Plant in Service	\$ 43,152,337	\$ 40,992,400	\$ 2,159,936	\$ (19,438)	\$ 2,140,498
9 Acquisition Adjustments	52,041	51,649	392	(392)	-
10 Construction Work in Progress	1,885,116	1,765,247	119,869	(119,869)	-
11 Less: Accumulated Provision for Depreciation &					
12 Amortization	15,353,210	14,563,932	789,278	(11,493)	777,784
13 Provision for Acquisition Adjustments	43,212	43,191	21	(21)	-
14 <b><u>TOTAL NET UTILITY PLANT</u></b>	<b>\$ 29,693,072</b>	<b>\$ 28,202,174</b>	<b>\$ 1,490,899</b>	<b>\$ (128,184)</b>	<b>\$ 1,362,714</b>
15 <b><u>OTHER RATE BASE DEDUCTIONS</u></b>					
16 Customer Deposits	\$ 121,280	\$ 116,665	\$ 4,615	\$ -	\$ 4,615
17 Accumulated Deferred Income Taxes	5,712,534	5,416,764	295,770	(14,616)	281,154
18 Other Cost Free Capital	-	-	-	-	-
19 <b><u>TOTAL OTHER RATE BASE DEDUCTIONS</u></b>	<b>\$ 5,833,814</b>	<b>\$ 5,533,429</b>	<b>\$ 300,385</b>	<b>\$ (14,616)</b>	<b>\$ 285,769</b>
20 <b><u>TOTAL RATE BASE</u></b>	<b>\$ 23,186,396</b>	<b>\$ 21,994,654</b>	<b>\$ 1,191,742</b>	<b>\$ (47,173)</b>	<b>\$ 1,144,569</b>

**DOMINION ENERGY NORTH CAROLINA**  
**DOCKET NO. E-22, SUB 562**  
**TWELVE MONTHS ENDED DECEMBER 31, 2018**  
(Thousands of Dollars)

**CALCULATION OF ADDITIONAL REVENUE REQUIREMENT**

Line No.	Description	(Col. 1)	(Col. 2)	(Col. 3)	(Col. 4)	(Col. 5)	(Col. 6)	(Col. 7)	(Col. 8)
		NORTH CAROLINA RETAIL OPERATIONS							
		June 30, 2019 Capital Structure Balance	June 30, 2019 Capitalization Ratio	BEFORE PROPOSED INCREASE		AFTER PROPOSED INCREASE			
				Retail Rate Base	Embedded Cost %	Net Operating Income	Retail Rate Base	Embedded Cost %	Net Operating Income
1	Long-Term Debt	\$ 11,192,890	48.00%	\$ 549,393	4.44%	\$ 24,406	\$ 549,895	4.44%	\$ 24,429
2	Common Equity	12,955,056	52.00%	595,176	8.96%	53,340	595,720	9.75%	58,083
3	Total	<u>\$ 24,147,946</u> (a)	<u>100.00%</u>	<u>\$ 1,144,569</u> (b)		<u>\$ 77,747</u> (c)	<u>\$ 1,145,616</u> (d)		<u>\$ 82,511</u>
4	<b>Calculation of Additional Gross Revenue Requirement:</b>						<b>Debt</b>	<b>Equity</b>	<b>Total</b>
5	Required Net Operating Income (Col. 8)						\$ 24,429	\$ 58,083	\$ 82,511
6	Net Operating Income Before Proposed Increase (Col. 5)						24,406	53,340	77,747
7	Additional Net Operating Income Requirement (Line 5 - Line 6)						\$ 22	\$ 4,742	\$ 4,765
8	Retention Factor (NC Regulatory Fee, Uncollectible Expense, and Income Taxes)						99.5419%	74.0365%	
9	<b>Additional Revenue Requirement (Line 7 / Line 8)</b>						<u><b>\$ 22</b></u>	<u><b>\$ 6,405</b></u>	<u><b>\$ 6,428</b></u>
10	<u>Breakdown of Additional Revenue Requirement</u>								
11	Proposed Increase/(Decrease) in Base Fuel Revenue Requirement								(2,155)
12	Additional Gross Base Non-Fuel Revenue Requirement (L9 - L11)								<u><b>\$ 8,583</b></u>

**Notes:**

- (a) DENC Capital Structure as of June 30, 2019 as presented by Company Witness Davis  
(b) Exhibit PMM-1, Scheduel 1, Col. 5, Line 28 as presented by Company Witness McLeod  
(c) Exhibit PMM-1, Schedule 1, Col. 5, Line 21 as presented by Company Witness McLeod  
(d) Exhibit PMM-1, Schedule 1, Col. 7, Line 28 as presented by Company Witness McLeod

**TESTIMONY  
OF  
ROBERT E. MILLER  
IN SUPPORT OF AGREEMENT AND STIPULATION OF SETTLEMENT  
ON BEHALF OF  
DOMINION ENERGY NORTH CAROLINA  
BEFORE THE  
NORTH CAROLINA UTILITIES COMMISSION  
DOCKET NO. E-22, SUB 562**

1   **Q.**    Please state your name, business address, and position with Virginia  
2           Electric and Power Company.

3    A.    My name is Robert E. Miller, and my business address is 120 Tredegar Street,  
4           Richmond, Virginia 23219. I am a Regulatory Analyst III for Virginia  
5           Electric and Power Company, which operates in North Carolina as Dominion  
6           Energy North Carolina (“DENC” or the “Company”).

7   **Q.**    Have you previously submitted testimony in this proceeding?

8    A.    Yes. I pre-filed Direct, Supplemental Direct, and Rebuttal Testimony in  
9           support of DENC’s Application in this matter. My testimony has addressed  
10          the Company’s cost of service studies, distribution allocation factors, and  
11          minimum-system analysis.

12   **Q.**    What is the purpose of your testimony?

13   A.    The purpose of my testimony is to support the Agreement and Stipulation of  
14          Settlement (“Stipulation”) as filed today by the Public Staff – North Carolina  
15          Utilities Commission (“Public Staff”) and agreed to between DENC and the  
16          Public Staff (together, the “Stipulating Parties”). Specifically, my testimony in

1 support of the Stipulation addresses cost of service issues agreed upon in the  
2 Stipulation.

3 **Q. Are you sponsoring any exhibits with your testimony?**

4 A. Yes. I am sponsoring Company Stipulation Exhibit REM-1, which consists of  
5 Company Stipulation Schedules 1 through 6. This exhibit was prepared under  
6 my supervision and direction and is accurate and complete to the best of my  
7 knowledge and belief.

8 **Q. Please describe your Company Stipulation Schedules 1 through 4.**

9 A. My Company Stipulation Schedule 1, pages 1-4, provides a summary of the  
10 fully distributed “per books” jurisdictional and customer class cost of service  
11 studies based on the Summer/Winter Peak and Average (“SWPA”) allocation  
12 method, the allocation methodology agreed to in the Stipulation. Note that  
13 there has been no change in this schedule when compared to my Supplemental  
14 Schedule 1 (pages 1-4), which was filed on August 5, 2019.

15 My Company Stipulation Schedule 2, pages 1-8, provides the effects of  
16 annualizing the base rate non-fuel revenues for each customer class. Again,  
17 there has been no change in this schedule when compared to my Supplemental  
18 Schedule 2 (pages 1-8).

19 My Company Stipulation Schedule 3 (pages 1-16), presents an updated fully  
20 adjusted cost of service study showing the effects of all adjustments and rate  
21 changes to the North Carolina classes. I explain below the specific changes  
22 made to this schedule when compared to my Supplemental Schedule 3.

1 My Company Stipulation Schedule 4 (pages 1 and 2) summarizes my  
2 Company Stipulation Schedules 1 through 3.

3 My Company Stipulation Schedule 5 (pages 1-7) provides, for each customer  
4 class, the customer, demand, and energy related classifications and functions  
5 based on per books, annualized revenues, and proposed revenues (inclusive of  
6 the change in fuel revenue) in this proceeding. This schedule carries the  
7 updates to the fully adjusted cost of service shown in my Company Stipulation  
8 Schedule 3 through to Part C of each page. Parts A and B for each page are  
9 unchanged from my Supplemental Schedule 5.

10 My Company Stipulation Schedule 6 (pages 1-7) provides, for each  
11 component shown in Company Stipulation Exhibit REM-1, Schedule 5, “unit  
12 costs” for each class based on annualized base non-fuel rate revenue, fully  
13 adjusted base non-fuel rate revenues, and proposed base non-fuel rate  
14 revenues at an equalized rate of return. This schedule carries the updates to  
15 the fully adjusted cost of service and stipulated revenue requirement, as shown  
16 in my Company Stipulation Schedule 3, through to Part C and Part D,  
17 respectively, of each page. Parts A and B for each page are unchanged from  
18 my Supplemental Schedule 6.

19 I am also sponsoring updated Item 45 (c – e) of the Form E-1, Rate Case  
20 Information Report – Electric Companies (“Form E-1”), which reflect the  
21 ratemaking adjustments and revenue requirement at the levels agreed to in the  
22 Stipulation. Form E-1, Item 45 (c and e), have been updated in their entirety

1 and replace the versions provided in the Company's supplemental filing.  
2 Form E-1, Item 45 (d) has been partially updated, with the updated Item 45 (d)  
3 replacing pages 1 through 7 of the Item 45d from the Company's  
4 supplemental filing.

5 **Q. Have you made specific updates to your schedules reflective of the terms**  
6 **of the Stipulation?**

7 A. Yes. My Company Stipulation Schedule 3 reflects the accounting  
8 adjustments, the base non-fuel revenue increase, and the base fuel revenue  
9 decrease at the levels agreed to in the Stipulation. In order to reflect the  
10 Stipulation, the amounts in columns 2 and 4 of this schedule have changed  
11 when compared to the amounts shown in my Supplemental Schedule 3. The  
12 amounts in columns 3 and 5, which are the results of addition of the two  
13 columns prior, have also changed. Additionally, as part of the Stipulation, the  
14 Company has accepted Public Staff Witness Jack Floyd's recommendation  
15 that the base fuel revenue decrease also be examined when considering the  
16 revenue apportionment to the classes. The proposed changes to base fuel  
17 revenues and expenses are now reflected in the fully adjusted cost of service  
18 study, where they are shown in column 6 of my Company Stipulation  
19 Schedule 3.

20 In addition, my Company Stipulation Schedule 4 now has two additional  
21 boxes: one showing the effects of the changes in base fuel revenues and  
22 expenses; and another showing the effect of all accounting adjustments and  
23 revenue changes, including base fuel revenue and expense changes. Part C of

1 my Company Stipulation Schedule 5 also reflects the inclusion of the base  
2 fuel revenue change.

3 With regard to the base fuel changes, my Company Stipulation Schedule 3  
4 shows a different presentation that Company Witness Paul McLeod's  
5 Company Stipulation Schedule 1. My Company Stipulation Schedule 3  
6 shows separately, in Column 6, the effects of the decrease in proposed base  
7 fuel revenues and the corresponding decrease in base fuel expenses, whereas  
8 Company Witness McLeod's Company Stipulation Schedule 1 includes the  
9 expected decrease in base fuel expenses that results in the requirement to  
10 decrease base fuel revenues in its Column 4 and the subsequent decrease in  
11 base fuel revenues in its Column 6. By handling both the base fuel expense  
12 decrease and revenue decrease in the same separate column, the amounts  
13 shown in Column 3 of my Company Stipulation Schedule 3 are reflective of  
14 the base fuel revenues and the base fuel expenses offsetting, meaning that  
15 only the base non-fuel items impact the rate of return. As such, the class rates  
16 of return based on my Column 3 (summarized in Box 3 of my Company  
17 Stipulation Schedule 4) more accurately inform the apportionment of the base  
18 non-fuel revenue increase as agreed upon in the Stipulation. While my  
19 presentation does create some differences in the intermediate steps when  
20 compared to Witness McLeod's Company Stipulation Schedule 1, the end  
21 results, shown in Column 7 of each schedule, match.

22 **Q. Does this conclude your testimony in support of the Stipulation?**

23 **A.** Yes.

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY - EOP - PERIOD ENDED DECEMBER 31, 2018  
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SCHEDULE 1

SCHEDULE 1 - SUMMARY

Line #	System	Va Juris	Va Non-Juris	FERC	N C Juris	Ringfenced Projects	Allocation Basis
1	Dec 2018						
2							
3	C:[SUMMARY OF RESULTS]						
4	D:[]						
5	E:[OPERATING REVENUES]	7,634,198,843	6,052,535,338	913,213,702	300,773,270	361,045,384	6,631,150 NC Schedule 2 - Revenue/Line 76
6	F:[]						
7	G:[OPERATING EXPENSES]						
8	H:[OPERATION & MAINTENANCE EXPENSES]	4,087,721,819	3,217,554,401	553,562,099	115,674,385	199,023,623	1,907,311 NC Schedule 3 - O&M Expense/Lin
9	I:[DEPRECIATION EXPENSE]	1,142,009,847	903,717,158	129,401,131	46,704,025	56,835,138	5,352,394 NC Schedule 4 - Depreciation & Ar
10	J:[AMORT. OF ACQ. AJUSTMENTS]	217,983	150,358	22,373	36,095	9,157	0 NC Schedule 4 - Depreciation & Ar
11	K:[AMORT. OF PROP. LOSS & REG STUDY]	(17,674,170)	(19,041,579)	(541,530)	11,667	1,897,272	0 NC Schedule 6 - Net Current Incon
12	M:[GAIN/LOSS ON DISPOSITION OF ALLOWANCES]	(149,480)	(313,669)	(53,817)	(7,159)	225,164	0 NC Schedule 6 - Net Current Incon
13	N:[GAIN / LOSS ON DISPOSITION OF PROPERTY]	259,382	204,711	29,690	11,885	13,095	0 NC Schedule 6 - Net Current Incon
14	P:[ACCRETION EXPENSE - ARO]	26,904,285	21,731,137	3,238,317	453,416	1,324,165	157,249 NC Schedule 22 - Other Allocations
15	Q:[FEDERAL INCOME TAX]						
16	R:[INVESTMENT TAX CREDIT - AMORTIZATION]	705,711	581,873	173,517	24,295	(73,974)	0 NC Schedule 7 - Income Tax Cr & I
17	S:[FEDERAL NET CURRENT TAX]	26,210,429	55,123,269	(4,802,484)	3,841,123	(4,288,224)	(23,663,256) NC Schedule 6 - Net Current Incon
18	T:[FEDERAL INCOME TAX DEFERRED]	164,075,992	147,930,112	19,930,789	15,035,482	11,365,693	(30,186,084) NC Schedule 7 - Income Tax Cr & I
19	V:[STATE INCOME TAX CURRENT]	36,211,974	31,100,259	3,246,120	2,320,427	1,442,434	(1,897,265) NC Schedule 6 - Net Current Incon
20	W:[STATE INCOME TAX DEFERRED]	58,513,039	45,060,515	4,703,235	3,362,018	2,089,912	3,297,359 NC Schedule 7 - Income Tax Cr & I
21	X:[TAXES OTHER THAN INCOME TAX]	286,176,074	225,698,357	33,598,215	12,108,222	14,581,725	189,556 NC Schedule 5 - Other Taxes/Line
22	Y:[TOTAL ELECTRIC OPERATING EXPENSES]	5,811,182,884	4,629,496,903	742,507,654	199,575,882	284,445,180	(44,842,736)
23	Z:[]						
24	AA:[NET OPERATING INCOME]	1,823,015,960	1,423,038,436	170,706,047	101,197,388	76,600,204	51,473,885
25	AB:[]						
26	AC:[ADJUSTMENTS TO OPERATING INCOME]						
27	AD:[ADD: ALLOWANCE FOR FUNDS]	60,040,276	39,894,203	5,888,494	8,556,169	235,340	5,466,071 NC Schedule 8 - Other Adjustment
28	AE:[]						
29	AF:[ DEDUCT: CHARITABLE & EDUCATIONAL]						
30	AG:[DONATIONS]	6,783,072	5,341,628	918,997	192,037	330,409	0 NC Schedule 8 - Other Adjustment
31	AH:[DONATIONS - ASSIGNED]	0	0	0	0	0	0 NC Schedule 8 - Other Adjustment
32	AI:[INTEREST EXPENSE - CUST. DEPOSITS]	1,894,139	1,822,061	0	0	72,077	0 NC Schedule 8 - Other Adjustment
33	AJ:[OTHER INTEREST EXPENSE]	1,492,347	1,164,169	168,973	83,293	75,913	0 NC Schedule 8 - Other Adjustment
34	AK:[TOTAL DEDUCTIONS]	10,169,558	8,327,859	1,087,971	275,330	478,399	0
35	AL:[]						
36	AM:[ADJUSTED NET ELEC. OPERATING INCOME]	1,872,886,678	1,454,604,781	175,506,570	109,478,227	76,357,144	56,939,956
37	AN:[]						
38	AO:[RATE BASE]	23,186,395,815	17,655,841,988	2,614,511,645	1,295,049,855	1,191,741,713	429,250,614 NC Schedule 1 - Summary/Line 81
39	AP:[]						
40	AQ:[ROR EARNED ON RATE BASE (Including Ringfenced as applici	8.0775%	8.2387%	6.7128%	8.4536%	6.4072%	13.2650%
41	AR:[]						
42	AU:[SYSTEM RATE OF RETURN (Excluding Ringfenced as applicab	7.9797%	7.9797%	7.9797%	7.9797%	7.9797%	13.2650%
43	AV:[INDEX RATE OF RETURN (PRESENT) (AQ/AU)]	1.01	1.03	0.84	1.06	0.80	1.00
44	AW:[]						



DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY - EOP - PERIOD ENDED DECEMBER 31, 2018  
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SCHEDULE 1

SCHEDULE 1 - SUMMARY

Line #		System	Va Juris	Va Non-Juris	FERC	N C Juris	Ringfenced Projects	Allocation Basis
45	AX:[]							
46	AY:[]							
47	AZ:[RATE BASE]							
48	BA:[PLANT INVESTMENT]							
49	BB:[ELECTRIC PLANT INCL. NUCLEAR FUEL]	43,152,336,916	33,766,834,380	4,897,363,717	1,960,477,191	2,159,936,430	367,725,198	NC Schedule 10 - Plant in Service/L
50	BC:[ACQUISITION ADJUSTMENTS]	52,041,189	33,565,179	16,538,455	1,545,473	392,082	0	NC Schedule 10 - Plant in Service/L
51	BD:[ELECTRIC CWIP INCL FUEL]	1,885,115,825	1,394,520,173	208,249,603	125,351,868	119,869,057	37,125,123	NC Schedule 12 - Construction Wo
52	BE:[PLANT HELD FOR FUTURE USE]	0	0	0	0	0	0	NC Schedule 13 - Plant Held for Fu
53	BF:[TOTAL PLANT INVESTMENT]	45,089,493,929	35,194,919,733	5,122,151,774	2,087,374,532	2,280,197,570	404,850,321	
54	BG:[]							
55	BH:[DEDUCT:]							
56	BI:[ACCUM. PROV. FOR DEPREC. & AMORT]	(14,159,600,186)	(11,365,231,394)	(1,624,970,275)	(430,395,907)	(729,561,297)	(9,441,313)	NC Schedule 11 - Accum Depr & Ar
57	BJ:[AMORT OF NUCLEAR FUEL]	(1,193,609,870)	(947,330,089)	(164,176,075)	(22,387,131)	(59,716,575)	0	NC Schedule 11 - Accum Depr & Ar
58	BK:[ACQUISITION ADJ. FOR DEPREC. RESERVE]	(43,211,703)	(27,474,883)	(15,632,232)	(83,425)	(21,165)	0	NC Schedule 11 - Accum Depr & Ar
59	BL:[TOTAL DEPRECIATION & AMORTIZATION]	(15,396,421,760)	(12,340,036,366)	(1,804,778,581)	(452,866,463)	(789,299,036)	(9,441,313)	
60	BM:[]							
61	BN:[NET PLANT]	29,693,072,170	22,854,883,367	3,317,373,193	1,634,508,069	1,490,898,533	395,409,008	
62	BO:[]							
63	BP:[DEDUCT:]							
64	BQ:[COST FREE CAPITAL]	5,712,534,440	4,501,457,542	643,297,893	314,187,372	295,770,101	(42,178,468)	NC Schedule 23 - Cost Free Capital,
65	BR:[CUSTOMER DEPOSITS]	121,279,968	116,664,926	0	0	4,615,043	0	NC Schedule 14 - Working Capital/
66	BS:[]							
67	BT:[ADD: WORKING CAPITAL]							
68	BU:[MATERIAL & SUPPLIES]	837,705,006	674,353,130	104,328,964	17,233,412	41,789,500	0	NC Schedule 14 - Working Capital/
70	BW:[INVESTOR FUNDS ADVANCED]	283,839,231	225,163,105	33,968,643	11,208,242	13,429,777	69,465	NC Schedule 14 - Working Capital/
71	BX:[TOTAL ADDITIONS]	378,280,041	261,177,108	55,977,022	5,731,599	55,394,312		NC Schedule 14 - Working Capital/
75	CB:[TOTAL DEDUCTIONS]	(2,172,686,225)	(1,741,612,254)	(253,838,284)	(59,444,096)	(109,385,265)	(8,406,326)	NC Schedule 14 - Working Capital/
77	CD:[DEFERRED FUEL]	0	0	0	0	0	0	NC Schedule 14 - Working Capital/
79	CF:[TOTAL ALLOWANCE FOR WORK CAPITAL]	(672,861,947)	(580,918,912)	(59,563,655)	(25,270,842)	1,228,323	(8,336,862)	
80	CG:[]							
81	CH:[TOTAL RATE BASE]	23,186,395,815	17,655,841,988	2,614,511,645	1,295,049,855	1,191,741,713	429,250,614	
82	CI:[]							

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY - EOP - PERIOD ENDED DECEMBER 31, 2018  
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SCHEDULE 1 - SUMMARY

Line #	NC Jur Total	Residential	SGS,CO & Muni	LGS	Schedule NS	6VP	St & Outdoor Lighting	Traffic Lighting	Allocation Basis
1 Dec 2018									
2									
3 C:[SUMMARY OF RESULTS]									
4 D:[]									
5 E:[OPERATING REVENUES]	361,045,384	178,656,299	73,655,516	43,418,691	43,868,133	16,219,330	5,161,841	65,573	NC Class Schedule 2 - Revenue/Lir
6 F:[]									
7 G:[OPERATING EXPENSES]									
8 H:[OPERATION & MAINTENANCE EXPENSES]	199,023,623	89,594,207	39,214,004	25,961,605	31,195,164	10,239,843	2,778,954	39,845	NC Class Schedule 3 - O&M Expen
9 I:[DEPRECIATION EXPENSE]	56,835,138	32,166,421	10,289,635	5,587,169	5,115,116	2,090,282	1,576,678	9,837	NC Class Schedule 4 - Depreciatio
10 J:[AMORT. OF ACQ. AJUSTMENTS]	9,157	4,538	1,707	1,152	1,279	450	30	1	NC Class Schedule 4 - Depreciatio
11 K:[AMORT. OF PROP. LOSS & REG STUDY]	1,897,272	1,372,032	336,313	141,102	6,432	44,478	(3,200)	115	NC Class Schedule 6 - Net Current
12 M:[GAIN/LOSS ON DISPOSITION OF ALLOWANCES]	225,164	113,292	41,909	27,934	30,435	10,883	689	23	NC Class Schedule 6 - Net Current
13 N:[GAIN / LOSS ON DISPOSITION OF PROPERTY]	13,095	7,190	2,374	1,378	1,337	528	286	2	NC Class Schedule 6 - Net Current
14 P:[ACCRETION EXPENSE - ARO]	1,324,165	653,862	246,958	167,077	186,408	65,403	4,322	135	NC Class Schedule 22 - Other Alloc
15 Q:[FEDERAL INCOME TAX]									
16 R:[INVESTMENT TAX CREDIT - AMORTIZATION]	(73,974)	(36,644)	(13,792)	(9,308)	(10,344)	(3,641)	(239)	(8)	NC Class Schedule 7 - Income Tax
17 S:[FEDERAL NET CURRENT TAX]	(4,288,224)	(1,609,562)	178,719	(550,838)	(1,647,169)	(375,307)	(283,389)	(677)	NC Class Schedule 6 - Net Current
18 T:[FEDERAL INCOME TAX DEFERRED]	11,365,693	5,371,347	2,089,498	1,449,035	1,731,307	585,223	137,824	1,458	NC Class Schedule 7 - Income Tax
19 V:[STATE INCOME TAX CURRENT]	1,442,434	766,755	381,708	170,863	74,342	49,778	(1,228)	216	NC Class Schedule 6 - Net Current
20 W:[STATE INCOME TAX DEFERRED]	2,089,912	1,110,935	553,049	247,559	107,712	72,122	(1,779)	313	NC Class Schedule 7 - Income Tax
21 X:[TAXES OTHER THAN INCOME TAX]	14,581,725	8,155,756	2,667,046	1,472,856	1,365,024	558,398	359,978	2,667	NC Class Schedule 5 - Other Taxes
22 Y:[TOTAL ELECTRIC OPERATING EXPENSES]	284,445,180	137,670,130	55,989,129	34,667,584	38,157,044	13,338,440	4,568,925	53,926	
23 Z:[]									
24 AA:[NET OPERATING INCOME]	76,600,204	40,986,169	17,666,387	8,751,107	5,711,088	2,880,890	592,916	11,647	
25 AB:[]									
26 AC:[ADJUSTMENTS TO OPERATING INCOME]									
27 AD:[ADD: ALLOWANCE FOR FUNDS]	235,340	100,038	43,426	30,184	40,747	12,399	8,496	51	NC Class Schedule 8 - Other Adjus
28 AE:[]									
29 AF:[ DEDUCT: CHARITABLE & EDUCATIONAL]									
30 AG:[DONATIONS]	330,409	148,740	65,101	43,100	51,789	17,000	4,613	66	NC Class Schedule 8 - Other Adjus
31 AH:[DONATIONS - ASSIGNED]	0	0	0	0	0	0	0	0	NC Class Schedule 8 - Other Adjus
32 AI:[INTEREST EXPENSE - CUST. DEPOSITS]	72,077	35,620	14,735	8,684	8,762	3,241	1,022	13	NC Class Schedule 8 - Other Adjus
33 AJ:[OTHER INTEREST EXPENSE]	75,913	41,135	13,834	8,244	8,098	3,189	1,401	11	NC Class Schedule 8 - Other Adjus
34 AK:[TOTAL DEDUCTIONS]	478,399	225,495	93,670	60,029	68,649	23,430	7,037	90	
35 AL:[]									
36 AM:[ADJUSTED NET ELEC. OPERATING INCOME]	76,357,144	40,860,712	17,616,144	8,721,262	5,683,186	2,869,858	594,375	11,607	
37 AN:[]									
38 AO:[RATE BASE]	1,191,741,713	638,478,788	217,680,826	131,715,939	131,556,266	51,176,698	20,965,715	167,482	NC Class Schedule 1 - Summary/Li
39 AP:[]									
40 AQ:[ROR EARNED ON RATE BASE (Including Ringfenced as applic	6.4072%	6.3997%	8.0926%	6.6213%	4.3200%	5.6077%	2.8350%	6.9305%	
41 AR:[]									
42 AU:[SYSTEM RATE OF RETURN (Excluding Ringfenced as applicat	6.4072%	6.4072%	6.4072%	6.4072%	6.4072%	6.4072%	6.4072%	6.4072%	
43 AV:[INDEX RATE OF RETURN (PRESENT) (AQ/AU)]	1.00	1.00	1.26	1.03	0.67	0.88	0.44	1.08	
44 AW:[]									

DOMINION ENERGY NORTH CAROLINA  
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SCHEDULE 1 - SUMMARY

Line #		NC Jur Total	Residential	SGS,CO & Muni	LGS	Schedule NS	6VP	St & Outdoor Lighting	Traffic Lighting	Allocation Basis
45	AX:[]									
46	AY:[]									
47	AZ:[RATE BASE]									
48	BA:[PLANT INVESTMENT]									
49	BB:[ELECTRIC PLANT INCL. NUCLEAR FUEL]	2,159,936,430	1,185,990,208	391,661,581	227,263,814	220,492,795	87,057,892	47,138,563	331,576	NC Class Schedule 10 - Plant in Ser
50	BC:[ACQUISITION ADJUSTMENTS]	392,082	194,307	73,096	49,313	54,776	19,287	1,264	40	NC Class Schedule 10 - Plant in Ser
51	BD:[ELECTRIC CWIP INCL FUEL]	119,869,057	58,231,033	22,359,258	15,223,296	17,367,617	5,988,821	685,760	13,272	NC Class Schedule 12 - Constructic
52	BE:[PLANT HELD FOR FUTURE USE]	0	0	0	0	0	0	0	0	NC Class Schedule 13 - Plant Held i
53	BF:[TOTAL PLANT INVESTMENT]	2,280,197,570	1,244,415,548	414,093,935	242,536,424	237,915,188	93,065,999	47,825,588	344,888	
54	BG:[]									
55	BH:[DEDUCT:]									
56	BI:[ACCUM. PROV. FOR DEPREC. & AMORT]	(729,561,297)	(413,263,131)	(131,017,375)	(71,682,026)	(66,731,531)	(26,777,618)	(19,967,869)	(121,747)	NC Class Schedule 11 - Accum Dep
57	BJ:[AMORT OF NUCLEAR FUEL]	(59,716,575)	(23,227,359)	(11,389,265)	(8,948,290)	(12,155,966)	(3,657,640)	(330,830)	(7,226)	NC Class Schedule 11 - Accum Dep
58	BK:[ACQUISITION ADJ. FOR DEPREC. RESERVE]	(21,165)	(10,489)	(3,946)	(2,662)	(2,957)	(1,041)	(68)	(2)	NC Class Schedule 11 - Accum Dep
59	BL:[TOTAL DEPRECIATION & AMORTIZATION]	(789,299,036)	(436,500,978)	(142,410,585)	(80,632,978)	(78,890,453)	(30,436,299)	(20,298,767)	(128,975)	
60	BM:[]									
61	BN:[NET PLANT]	1,490,898,533	807,914,569	271,683,350	161,903,445	159,024,735	62,629,700	27,526,821	215,913	
62	BO:[]									
63	BP:[DEDUCT:]									
64	BQ:[COST FREE CAPITAL]	295,770,101	162,915,425	53,489,464	30,992,553	29,906,516	11,874,572	6,547,089	44,481	NC Class Schedule 23 - Cost Free C
65	BR:[CUSTOMER DEPOSITS]	4,615,043	2,280,738	943,455	556,040	561,004	207,536	65,440	830	NC Class Schedule 14 - Working Ca
66	BS:[]									
67	BT:[ADD: WORKING CAPITAL]									
68	BU:[MATERIAL & SUPPLIES]	41,789,500	19,826,534	7,789,885	5,352,079	6,299,644	2,121,099	395,101	5,158	NC Class Schedule 14 - Working Ca
70	BW:[INVESTOR FUNDS ADVANCED]	13,429,777	6,647,145	2,740,428	1,614,423	1,629,969	602,936	192,433	2,442	NC Class Schedule 14 - Working Ca
71	BX:[TOTAL ADDITIONS]	55,394,312	24,702,317	10,424,356	7,503,002	9,326,520	3,006,597	424,621	6,898	NC Class Schedule 14 - Working Ca
75	CB:[TOTAL DEDUCTIONS]	(109,385,265)	(55,415,613)	(20,524,274)	(13,108,419)	(14,257,082)	(5,101,527)	(960,732)	(17,619)	NC Class Schedule 14 - Working Ca
77	CD:[DEFERRED FUEL]	0	0	0	0	0	0	0	0	NC Class Schedule 14 - Working Ca
79	CF:[TOTAL ALLOWANCE FOR WORK CAPITAL]	1,228,323	(4,239,618)	430,395	1,361,086	2,999,051	629,106	51,423	(3,120)	
80	CG:[]									
81	CH:[TOTAL RATE BASE]	1,191,741,713	638,478,788	217,680,826	131,715,939	131,556,266	51,176,698	20,965,715	167,482	
82	CI:[]									

**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>Residential Class Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	Residential Cost of Service	Annualized Revenue Adjustment	Residential Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$138,855,566	\$2,142,798	\$140,998,364
2	Forfeited Discounts and Miscellaneous Service Revenues	\$994,286	(\$27,981)	\$966,305
3	Non-Fuel Rider Revenues	\$2,644,988	\$0	\$2,644,988
4	Fuel Revenues	\$33,434,224	\$0	\$33,434,224
5	Other Operating Revenues	\$2,727,235	\$0	\$2,727,235
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$178,656,299	\$2,114,817	\$180,771,116
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$33,221,233		\$33,221,233
8	Non-Fuel Operating and Maintenance Expense	\$56,372,974	\$6,947	\$56,379,922
9	Depreciation and Amortization	\$34,196,853		\$34,196,853
10	Federal Income Tax	\$3,725,141	\$416,208	\$4,141,350
11	State Income Tax	\$1,877,690	\$123,186	\$2,000,876
12	Taxes Other than Income Tax	\$8,155,756	\$2,740	\$8,158,496
13	(Gain)/Loss on Disposition of Property	\$120,482		\$120,482
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$137,670,130	\$549,081	\$138,219,211
15	<b><u>NET OPERATING INCOME</u></b>	\$40,986,169	\$1,565,735	\$42,551,905
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$100,038		\$100,038
17	LESS: Charitable Donations	\$148,740		\$148,740
18	Interest Expense on Customer Deposits	\$35,620		\$35,620
19	Other Interest Expense/(Income)	\$41,135		\$41,135
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$40,860,712	\$1,565,735	\$42,426,447
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$638,478,788	\$0	\$638,478,788
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	6.3997%		6.6449%
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$19,826,534		\$19,826,534
24	Investor Funds Advanced	\$6,647,145		\$6,647,145
25	Total Additions	\$24,702,317		\$24,702,317
26	Total Deductions	(\$55,415,613)		(\$55,415,613)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	(\$4,239,618)	\$0	(\$4,239,618)
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$1,185,990,208		\$1,185,990,208
29	Acquisition Adjustments	\$194,307		\$194,307
30	Construction Work in Progress	\$58,231,033		\$58,231,033
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$436,490,490		\$436,490,490
32	Provision for Acquisition Adjustments	\$10,489		\$10,489
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$807,914,569	\$0	\$807,914,569
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$2,280,738		\$2,280,738
35	Accumulated Deferred Income Taxes	\$162,915,425		\$162,915,425
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$165,196,163	\$0	\$165,196,163
38	<b><u>TOTAL RATE BASE</u></b>	\$638,478,788	\$0	\$638,478,788

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>SGS &amp; Public Authorities Class Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	SGS Cost of Service	Annualized Revenue Adjustment	SGS Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$54,099,731	\$48,226	\$54,147,957
2	Forfeited Discounts and Miscellaneous Service Revenues	\$306,150	(\$4,805)	\$301,345
3	Non-Fuel Rider Revenues	\$1,870,083	\$0	
4	Fuel Revenues	\$16,394,082	\$0	\$16,394,082
5	Other Operating Revenues	\$985,470	\$0	\$985,470
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$73,655,516	\$43,421	\$73,698,937
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$16,289,644		\$16,289,644
8	Non-Fuel Operating and Maintenance Expense	\$22,924,360	\$143	\$22,924,503
9	Depreciation and Amortization	\$10,874,613		\$10,874,613
10	Federal Income Tax	\$2,254,426	\$8,546	\$2,262,971
11	State Income Tax	\$934,757	\$2,529	\$937,287
12	Taxes Other than Income Tax	\$2,667,046	\$56	\$2,667,102
13	(Gain)/Loss on Disposition of Property	\$44,283		\$44,283
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$55,989,129	\$11,274	\$56,000,403
15	<b><u>NET OPERATING INCOME</u></b>	\$17,666,387	\$32,147	\$17,698,534
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$43,426		\$43,426
17	LESS: Charitable Donations	\$65,101		\$65,101
18	Interest Expense on Customer Deposits	\$14,735		\$14,735
19	Other Interest Expense/(Income)	\$13,834		\$13,834
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$17,616,144	\$32,147	\$17,648,291
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$217,680,826	\$0	\$217,680,826
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	8.0926%		8.1074%
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$7,789,885		\$7,789,885
24	Investor Funds Advanced	\$2,740,428		\$2,740,428
25	Total Additions	\$10,424,356		\$10,424,356
26	Total Deductions	(\$20,524,274)		(\$20,524,274)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$430,395	\$0	\$430,395
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$391,661,581		\$391,661,581
29	Acquisition Adjustments	\$73,096		\$73,096
30	Construction Work in Progress	\$22,359,258		\$22,359,258
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$142,406,640		\$142,406,640
32	Provision for Acquisition Adjustments	\$3,946		\$3,946
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$271,683,350	\$0	\$271,683,350
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$943,455		\$943,455
35	Accumulated Deferred Income Taxes	\$53,489,464		\$53,489,464
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$54,432,919	\$0	\$54,432,919
38	<b><u>TOTAL RATE BASE</u></b>	\$217,680,826	\$0	\$217,680,826

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>LGS Class</b>		(1)	(2)	(3)
<b>Annualized Cost of Service Summary</b>				<b>LGS</b>
LINE NO.	DESCRIPTION	LGS Cost of Service	Annualized Revenue Adjustment	Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$29,342,616	\$387,592	\$29,730,208
2	Forfeited Discounts and Miscellaneous Service Revenues	\$136,689	(\$15)	\$136,674
3	Non-Fuel Rider Revenues	\$425,690	\$0	
4	Fuel Revenues	\$12,880,462	\$0	\$12,880,462
5	Other Operating Revenues	\$633,234	\$0	\$633,234
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$43,418,691	\$387,577	\$43,806,268
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$12,798,408		\$12,798,408
8	Non-Fuel Operating and Maintenance Expense	\$13,163,197	\$1,273	\$13,164,470
9	Depreciation and Amortization	\$5,896,500		\$5,896,500
10	Federal Income Tax	\$888,889	\$76,277	\$965,167
11	State Income Tax	\$418,422	\$22,576	\$440,998
12	Taxes Other than Income Tax	\$1,472,856	\$502	\$1,473,358
13	(Gain)/Loss on Disposition of Property	\$29,312		\$29,312
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$34,667,584	\$100,629	\$34,768,213
15	<b><u>NET OPERATING INCOME</u></b>	\$8,751,107	\$286,948	\$9,038,055
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$30,184		\$30,184
17	LESS: Charitable Donations	\$43,100		\$43,100
18	Interest Expense on Customer Deposits	\$8,684		\$8,684
19	Other Interest Expense/(Income)	\$8,244		\$8,244
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$8,721,262	\$286,948	\$9,008,210
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$131,715,939	\$0	\$131,715,939
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	6.6213%		6.8391%
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$5,352,079		\$5,352,079
24	Investor Funds Advanced	\$1,614,423		\$1,614,423
25	Total Additions	\$7,503,002		\$7,503,002
26	Total Deductions	(\$13,108,419)		(\$13,108,419)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$1,361,086	\$0	\$1,361,086
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$227,263,814		\$227,263,814
29	Acquisition Adjustments	\$49,313		\$49,313
30	Construction Work in Progress	\$15,223,296		\$15,223,296
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$80,630,316		\$80,630,316
32	Provision for Acquisition Adjustments	\$2,662		\$2,662
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$161,903,445	\$0	\$161,903,445
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$556,040		\$556,040
35	Accumulated Deferred Income Taxes	\$30,992,553		\$30,992,553
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$31,548,592	\$0	\$31,548,592
38	<b><u>TOTAL RATE BASE</u></b>	\$131,715,939	\$0	\$131,715,939

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

Schedule NS Class Annualized Cost of Service Summary		(1)	(2)	(3)
LINE NO.	DESCRIPTION	Sched NS Cost of Service	Annualized Revenue Adjustment	Sched NS Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
<b><u>OPERATING REVENUES</u></b>				
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$25,531,880	\$3,104	\$25,534,984
2	Forfeited Discounts and Miscellaneous Service Revenues	\$137,686	(\$1)	\$137,686
3	Non-Fuel Rider Revenues	\$0	\$0	
4	Fuel Revenues	\$17,497,696	\$0	\$17,497,696
5	Other Operating Revenues	\$700,870	\$0	\$700,870
6	<b><u>TOTAL OPERATING REVENUES</u></b>	<b>\$43,868,133</b>	<b>\$3,103</b>	<b>\$43,871,236</b>
<b><u>OPERATING EXPENSES</u></b>				
7	Fuel Expense	\$17,386,228		\$17,386,228
8	Non-Fuel Operating and Maintenance Expense	\$13,808,936	\$10	\$13,808,946
9	Depreciation and Amortization	\$5,309,236		\$5,309,236
10	Federal Income Tax	\$73,794	\$611	\$74,405
11	State Income Tax	\$182,054	\$181	\$182,235
12	Taxes Other than Income Tax	\$1,365,024	\$4	\$1,365,028
13	(Gain)/Loss on Disposition of Property	\$31,772		\$31,772
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	<b>\$38,157,044</b>	<b>\$806</b>	<b>\$38,157,850</b>
15	<b><u>NET OPERATING INCOME</u></b>	<b>\$5,711,088</b>	<b>\$2,298</b>	<b>\$5,713,386</b>
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>				
16	ADD: AFUDC	\$40,747		\$40,747
17	LESS: Charitable Donations	\$51,789		\$51,789
18	Interest Expense on Customer Deposits	\$8,762		\$8,762
19	Other Interest Expense/(Income)	\$8,098		\$8,098
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	<b>\$5,683,186</b>	<b>\$2,298</b>	<b>\$5,685,484</b>
21	<b><u>RATE BASE (from Line 38 below)</u></b>	<b>\$131,556,266</b>	<b>\$0</b>	<b>\$131,556,266</b>
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	<b>4.3200%</b>		<b>4.3217%</b>
<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>				
23	Materials and Supplies	\$6,299,644		\$6,299,644
24	Investor Funds Advanced	\$1,629,969		\$1,629,969
25	Total Additions	\$9,326,520		\$9,326,520
26	Total Deductions	(\$14,257,082)		(\$14,257,082)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	<b>\$2,999,051</b>	<b>\$0</b>	<b>\$2,999,051</b>
<b><u>NET UTILITY PLANT</u></b>				
28	Utility Plant in Service	\$220,492,795		\$220,492,795
29	Acquisition Adjustments	\$54,776		\$54,776
30	Construction Work in Progress	\$17,367,617		\$17,367,617
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$78,887,497		\$78,887,497
32	Provision for Acquisition Adjustments	\$2,957		\$2,957
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	<b>\$159,024,735</b>	<b>\$0</b>	<b>\$159,024,735</b>
<b><u>RATE BASE DEDUCTIONS</u></b>				
34	Customer Deposits	\$561,004		\$561,004
35	Accumulated Deferred Income Taxes	\$29,906,516		\$29,906,516
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	<b>\$30,467,520</b>	<b>\$0</b>	<b>\$30,467,520</b>
38	<b><u>TOTAL RATE BASE</u></b>	<b>\$131,556,266</b>	<b>\$0</b>	<b>\$131,556,266</b>

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>6VP Class Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	6VP Cost of Service	Annualized Revenue Adjustment	6VP Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$10,652,603	\$339,540	\$10,992,142
2	Forfeited Discounts and Miscellaneous Service Revenues	\$50,935	(\$0)	\$50,934
3	Non-Fuel Rider Revenues	\$669	\$0	
4	Fuel Revenues	\$5,264,928	\$0	\$5,264,928
5	Other Operating Revenues	\$250,197	\$0	\$250,197
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$16,219,330	\$339,540	\$16,558,870
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$5,231,388		\$5,231,388
8	Non-Fuel Operating and Maintenance Expense	\$5,008,456	\$1,115	\$5,009,571
9	Depreciation and Amortization	\$2,200,614		\$2,200,614
10	Federal Income Tax	\$206,275	\$66,823	\$273,099
11	State Income Tax	\$121,900	\$19,778	\$141,677
12	Taxes Other than Income Tax	\$558,398	\$440	\$558,838
13	(Gain)/Loss on Disposition of Property	\$11,411		\$11,411
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$13,338,440	\$88,156	\$13,426,597
15	<b><u>NET OPERATING INCOME</u></b>	\$2,880,890	\$251,383	\$3,132,273
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$12,399		\$12,399
17	LESS: Charitable Donations	\$17,000		\$17,000
18	Interest Expense on Customer Deposits	\$3,241		\$3,241
19	Other Interest Expense/(Income)	\$3,189		\$3,189
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$2,869,858	\$251,383	\$3,121,241
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$51,176,698	\$0	\$51,176,698
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	5.6077%		6.0990%
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$2,121,099		\$2,121,099
24	Investor Funds Advanced	\$602,936		\$602,936
25	Total Additions	\$3,006,597		\$3,006,597
26	Total Deductions	(\$5,101,527)		(\$5,101,527)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$629,106	\$0	\$629,106
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$87,057,892		\$87,057,892
29	Acquisition Adjustments	\$19,287		\$19,287
30	Construction Work in Progress	\$5,988,821		\$5,988,821
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$30,435,258		\$30,435,258
32	Provision for Acquisition Adjustments	\$1,041		\$1,041
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$62,629,700	\$0	\$62,629,700
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$207,536		\$207,536
35	Accumulated Deferred Income Taxes	\$11,874,572		\$11,874,572
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$12,082,108	\$0	\$12,082,108
38	<b><u>TOTAL RATE BASE</u></b>	\$51,176,698	\$0	\$51,176,698



**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>Street and Outdoor Lighting Class Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	Street & Outdoor Lighting Cost of Service	Annualized Revenue Adjustment	Street & Outdoor Lighting COS Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$4,543,104	\$160,008	\$4,703,111
2	Forfeited Discounts and Miscellaneous Service Revenues	\$67,510	(\$3,313)	\$64,198
3	Non-Fuel Rider Revenues	\$0	\$0	
4	Fuel Revenues	\$476,207	\$0	\$476,207
5	Other Operating Revenues	\$75,020	\$0	\$75,020
6	<b><u>TOTAL OPERATING REVENUES</u></b>	<b>\$5,161,841</b>	<b>\$156,695</b>	<b>\$5,318,536</b>
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$473,174		\$473,174
8	Non-Fuel Operating and Maintenance Expense	\$2,305,780	\$515	\$2,306,295
9	Depreciation and Amortization	\$1,577,830		\$1,577,830
10	Federal Income Tax	(\$145,804)	\$30,838	(\$114,966)
11	State Income Tax	(\$3,008)	\$9,127	\$6,120
12	Taxes Other than Income Tax	\$359,978	\$203	\$360,181
13	(Gain)/Loss on Disposition of Property	\$975		\$975
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	<b>\$4,568,925</b>	<b>\$40,684</b>	<b>\$4,609,609</b>
15	<b><u>NET OPERATING INCOME</u></b>	<b>\$592,916</b>	<b>\$116,011</b>	<b>\$708,927</b>
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$8,496		\$8,496
17	LESS: Charitable Donations	\$4,613		\$4,613
18	Interest Expense on Customer Deposits	\$1,022		\$1,022
19	Other Interest Expense/(Income)	\$1,401		\$1,401
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	<b>\$594,375</b>	<b>\$116,011</b>	<b>\$710,386</b>
21	<b><u>RATE BASE (from Line 38 below)</u></b>	<b>\$20,965,715</b>	<b>\$0</b>	<b>\$20,965,715</b>
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	<b>2.8350%</b>		<b>3.3883%</b>
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$395,101		\$395,101
24	Investor Funds Advanced	\$192,433		\$192,433
25	Total Additions	\$424,621		\$424,621
26	Total Deductions	(\$960,732)		(\$960,732)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	<b>\$51,423</b>	<b>\$0</b>	<b>\$51,423</b>
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$47,138,563		\$47,138,563
29	Acquisition Adjustments	\$1,264		\$1,264
30	Construction Work in Progress	\$685,760		\$685,760
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$20,298,699		\$20,298,699
32	Provision for Acquisition Adjustments	\$68		\$68
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	<b>\$27,526,821</b>	<b>\$0</b>	<b>\$27,526,821</b>
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$65,440		\$65,440
35	Accumulated Deferred Income Taxes	\$6,547,089		\$6,547,089
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	<b>\$6,612,529</b>	<b>\$0</b>	<b>\$6,612,529</b>
38	<b><u>TOTAL RATE BASE</u></b>	<b>\$20,965,715</b>	<b>\$0</b>	<b>\$20,965,715</b>

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>Traffic Lighting Class Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	Traffic Lighting Cost of Service	Annualized Revenue Adjustment	Traffic Lighting Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$53,266	(\$1,072)	\$52,194
2	Forfeited Discounts and Miscellaneous Service Revenues	\$1,008	(\$52)	\$956
3	Non-Fuel Rider Revenues	\$0	\$0	
4	Fuel Revenues	\$10,401	\$0	\$10,401
5	Other Operating Revenues	\$898	\$0	\$898
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$65,573	(\$1,124)	\$64,449
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$10,335		\$10,335
8	Non-Fuel Operating and Maintenance Expense	\$29,510	(\$4)	\$29,506
9	Depreciation and Amortization	\$10,087		\$10,087
10	Federal Income Tax	\$773	(\$221)	\$552
11	State Income Tax	\$530	(\$65)	\$464
12	Taxes Other than Income Tax	\$2,667	(\$1)	\$2,665
13	(Gain)/Loss on Disposition of Property	\$25		\$25
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$53,926	(\$292)	\$53,635
15	<b><u>NET OPERATING INCOME</u></b>	\$11,647	(\$832)	\$10,815
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$51		\$51
17	LESS: Charitable Donations	\$66		\$66
18	Interest Expense on Customer Deposits	\$13		\$13
19	Other Interest Expense/(Income)	\$11		\$11
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$11,607	(\$832)	\$10,775
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$167,482	\$0	\$167,482
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	6.9305%		6.4337%
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$5,158		\$5,158
24	Investor Funds Advanced	\$2,442		\$2,442
25	Total Additions	\$6,898		\$6,898
26	Total Deductions	(\$17,619)		(\$17,619)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	(\$3,120)	\$0	(\$3,120)
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$331,576		\$331,576
29	Acquisition Adjustments	\$40		\$40
30	Construction Work in Progress	\$13,272		\$13,272
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$128,973		\$128,973
32	Provision for Acquisition Adjustments	\$2		\$2
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$215,913	\$0	\$215,913
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$830		\$830
35	Accumulated Deferred Income Taxes	\$44,481		\$44,481
36	Other Cost Free Capital	\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$45,311	\$0	\$45,311
38	<b><u>TOTAL RATE BASE</u></b>	\$167,482	\$0	\$167,482

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**DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
ANNUALIZED COST OF SERVICE BASED ON RATES IN EFFECT DECEMBER 31, 2018  
SHOWING EFFECTS OF ANNUALIZING BASE RATE NON-FUEL REVENUES**

<b>Total of All North Carolina Classes Annualized Cost of Service Summary</b>		(1)	(2)	(3)
LINE NO.	DESCRIPTION	Total Cost of Service	Annualized Revenue Adjustment	Total Cost of Service Adjusted for Annualized Revenue (Col 1 + Col 2)
	<b><u>OPERATING REVENUES</u></b>			
	Base Non-Fuel Rate Revenues, Including Facilities Charges & Load			
1	Management	\$263,078,765	\$3,080,195	\$266,158,960
2	Forfeited Discounts and Miscellaneous Service Revenues	\$1,694,264	(\$36,166)	\$1,658,098
3	Non-Fuel Rider Revenues	\$4,941,430	\$0	\$4,941,430
4	Fuel Revenues	\$85,958,000	\$0	\$85,958,000
5	Other Operating Revenues	\$5,372,924	\$0	\$5,372,924
6	<b><u>TOTAL OPERATING REVENUES</u></b>	<b>\$361,045,384</b>	<b>\$3,044,029</b>	<b>\$364,089,413</b>
	<b><u>OPERATING EXPENSES</u></b>			
7	Fuel Expense	\$85,410,409	\$0	\$85,410,409
8	Non-Fuel Operating and Maintenance Expense	\$113,613,214	\$10,000	\$113,623,213
9	Depreciation and Amortization	\$60,065,733	\$0	\$60,065,733
10	Federal Income Tax	\$7,003,495	\$599,083	\$7,602,577
11	State Income Tax	\$3,532,346	\$177,311	\$3,709,657
12	Taxes Other than Income Tax	\$14,581,725	\$3,944	\$14,585,669
13	(Gain)/Loss on Disposition of Property	\$238,259	\$0	\$238,259
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	<b>\$284,445,180</b>	<b>\$790,337</b>	<b>\$285,235,517</b>
15	<b><u>NET OPERATING INCOME</u></b>	<b>\$76,600,204</b>	<b>\$2,253,692</b>	<b>\$78,853,895</b>
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>			
16	ADD: AFUDC	\$235,340	\$0	\$235,340
17	LESS: Charitable Donations	\$330,409	\$0	\$330,409
18	Interest Expense on Customer Deposits	\$72,077	\$0	\$72,077
19	Other Interest Expense/(Income)	\$75,913	\$0	\$75,913
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	<b>\$76,357,144</b>	<b>\$2,253,692</b>	<b>\$78,610,836</b>
21	<b><u>RATE BASE (from Line 38 below)</u></b>	<b>\$1,191,741,713</b>	<b>\$0</b>	<b>\$1,191,741,713</b>
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	<b>6.4072%</b>		<b>6.5963%</b>
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>			
23	Materials and Supplies	\$41,789,500	\$0	\$41,789,500
24	Investor Funds Advanced	\$13,429,777	\$0	\$13,429,777
25	Total Additions	\$55,394,312	\$0	\$55,394,312
26	Total Deductions	(\$109,385,265)	\$0	(\$109,385,265)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	<b>\$1,228,323</b>	<b>\$0</b>	<b>\$1,228,323</b>
	<b><u>NET UTILITY PLANT</u></b>			
28	Utility Plant in Service	\$2,159,936,430	\$0	\$2,159,936,430
29	Acquisition Adjustments	\$392,082	\$0	\$392,082
30	Construction Work in Progress	\$119,869,057	\$0	\$119,869,057
	LESS:			
31	Accumulated Provision for Depreciation & Amortization	\$789,277,872	\$0	\$789,277,872
32	Provision for Acquisition Adjustments	\$21,165	\$0	\$21,165
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	<b>\$1,490,898,533</b>	<b>\$0</b>	<b>\$1,490,898,533</b>
	<b><u>RATE BASE DEDUCTIONS</u></b>			
34	Customer Deposits	\$4,615,043	\$0	\$4,615,043
35	Accumulated Deferred Income Taxes	\$295,770,101	\$0	\$295,770,101
36	Other Cost Free Capital	\$0	\$0	\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	<b>\$300,385,144</b>	<b>\$0</b>	<b>\$300,385,144</b>
38	<b><u>TOTAL RATE BASE</u></b>	<b>\$1,191,741,713</b>	<b>\$0</b>	<b>\$1,191,741,713</b>

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DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

LINE NO.	DESCRIPTION	(1) Residential Cost of Service	(2) Ratemaking Adjustments	(3) Residential Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) Residential Base Non-Fuel Additional Revenue Requirement	(5) Residential Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) Residential Base Fuel Additional Revenue Requirement	(7) Residential Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>Residential Class</b> <b>Fully Adjusted Cost of Service and Revenue Requirement</b> <b>Adjusted Net Operating Income and Rate of Return</b>								
<b><u>OPERATING REVENUES</u></b>								
	Base Non-Fuel Rate Revenues, Including Facilities Charges &							
1	Load Management	\$138,855,566	(\$7,068,824)	\$131,786,742	\$6,466,752	\$138,253,494		\$138,253,494
2	Forfeited Discounts and Misc. Service Revenues	\$994,286	(\$27)	\$994,259	\$181,770	\$1,176,029		\$1,176,029
3	Non-Fuel Rider Revenues	\$2,644,988	(\$2,644,988)	\$0		\$0		\$0
4	Fuel Revenues	\$33,434,224	\$2,283,975	\$35,718,199		\$35,718,199	(\$838,209)	\$34,879,990
5	Other Operating Revenues	\$2,727,235	(\$377,885)	\$2,349,350		\$2,349,350		\$2,349,350
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$178,656,299	(\$7,807,750)	\$170,848,550	\$6,648,522	\$177,497,072	(\$838,209)	\$176,658,863
<b><u>OPERATING EXPENSES</u></b>								
7	Fuel Expense	\$33,221,233	\$2,450,533	\$35,671,766		\$35,671,766	(\$837,286)	\$34,834,480
8	Non-Fuel Operating and Maintenance Expense	\$56,372,974	(\$7,440,304)	\$48,932,670	\$30,455	\$48,963,125	(\$3,840)	\$48,959,286
9	Depreciation and Amortization	\$34,196,853	\$1,577,184	\$35,774,037		\$35,774,037		\$35,774,037
10	Federal Income Tax	\$3,725,141	\$89,400	\$3,814,541	\$1,306,497	\$5,121,038	\$577	\$5,121,615
11	State Income Tax	\$1,877,690	(\$155,772)	\$1,721,919	\$386,685	\$2,108,604	\$171	\$2,108,775
12	Taxes Other than Income Tax	\$8,155,756	(\$146,168)	\$8,009,588		\$8,009,588		\$8,009,588
13	(Gain)/Loss on Disposition of Property	\$120,482	(\$7,190)	\$113,292		\$113,292		\$113,292
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$137,670,130	(\$3,632,317)	\$134,037,813	\$1,723,637	\$135,761,450	(\$840,378)	\$134,921,072
15	<b><u>NET OPERATING INCOME</u></b>	\$40,986,169	(\$4,175,432)	\$36,810,737	\$4,924,885	\$41,735,621	\$2,169	\$41,737,791
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>								
16	ADD: AFUDC	\$100,038	(\$100,038)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$148,740	(\$148,740)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$35,620		\$35,620		\$35,620		\$35,620
19	Other Interest Expense/(Income)	\$41,135		\$41,135		\$41,135		\$41,135
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$40,860,712	(\$4,126,731)	\$36,733,981	\$4,924,885	\$41,658,866	\$2,169	\$41,661,035
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$638,478,788	(\$18,299,647)	\$620,179,141	\$467,452	\$620,646,593	\$0	\$620,646,593
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	6.3997%		5.9231%		6.7122%		6.7125%

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

LINE NO.	DESCRIPTION	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential Class Fully Adjusted Cost of Service and Revenue Requirement Rate Base	Residential Cost of Service	Residential Fully Adjusted Cost of Service	Residential Base Non-Fuel Additional Revenue Requirement	Residential Fully Adjusted COS After Added Non-Fuel Base Revenues	Residential Base Fuel Additional Revenue Requirement	Residential Fully Adjusted COS After All Additional Base Revenues
				(Col 1 + Col 2)		(Col 3 + Col 4)		(Col 5 + Col 6)
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>							
23	Materials and Supplies	\$19,826,534	(\$510,682)	\$19,315,852		\$19,315,852		\$19,315,852
24	Investor Funds Advanced	\$6,647,145	\$142,328	\$6,789,472	\$467,452	\$7,256,924		\$7,256,924
25	Total Additions	\$24,702,317	(\$6,379,743)	\$18,322,574		\$18,322,574		\$18,322,574
26	Total Deductions	(\$55,415,613)	\$41,187,468	(\$14,228,145)		(\$14,228,145)		(\$14,228,145)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	(\$4,239,618)	\$34,439,371	\$30,199,753	\$467,452	\$30,667,205	\$0	\$30,667,205
	<b><u>NET UTILITY PLANT</u></b>							
28	Utility Plant in Service	\$1,185,990,208	(\$11,450,924)	\$1,174,539,284		\$1,174,539,284		\$1,174,539,284
29	Acquisition Adjustments	\$194,307	(\$194,306)	\$0		\$0		\$0
30	Construction Work in Progress	\$58,231,033	(\$58,231,033)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$436,490,490	(\$10,885,837)	\$425,604,653		\$425,604,653		\$425,604,653
32	Provision for Acquisition Adjustments	\$10,489	(\$10,489)	(\$0)		(\$0)		(\$0)
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$807,914,569	(\$58,979,937)	\$748,934,632	\$0	\$748,934,632	\$0	\$748,934,632
	<b><u>RATE BASE DEDUCTIONS</u></b>							
34	Customer Deposits	\$2,280,738		\$2,280,738		\$2,280,738		\$2,280,738
35	Accumulated Deferred Income Taxes	\$162,915,425	(\$6,240,920)	\$156,674,506		\$156,674,506		\$156,674,506
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$165,196,163	(\$6,240,920)	\$158,955,244	\$0	\$158,955,244	\$0	\$158,955,244
38	<b><u>TOTAL RATE BASE</u></b>	\$638,478,788	(\$18,299,647)	\$620,179,141	\$467,452	\$620,646,593	\$0	\$620,646,593

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

Small General Service, County, & Muni Class		(1)	(2)	(3)	(4)	(5)	(6)	(7)
Fully Adjusted Cost of Service and Revenue Requirement								
Adjusted Net Operating Income and Rate of Return								
LINE NO.	DESCRIPTION	SGS Cost of Service	Ratemaking Adjustments	SGS Fully Adjusted Cost of Service	Base Non-Fuel Additional Revenue Requirement	Fully Adjusted COS After Added Non-Fuel Base Revenues	Base Fuel Additional Revenue Requirement	Fully Adjusted COS After All Additional Base Revenues
				(Col 1 + Col 2)		(Col 3 + Col 4)		(Col 5 + Col 6)
	<b><u>OPERATING REVENUES</u></b>							
	Base Non-Fuel Rate Revenues, Including Facilities Charges &							
1	Load Management	\$54,099,731	(\$2,323,630)	\$51,776,102	\$750,821	\$52,526,923		\$52,526,923
2	Forfeited Discounts and Misc. Service Revenues	\$306,150	\$6,483	\$312,632	\$18,855	\$331,488		\$331,488
3	Non-Fuel Rider Revenues	\$1,870,083	(\$1,870,083)	\$0		\$0		\$0
4	Fuel Revenues	\$16,394,082	\$1,119,921	\$17,514,002		\$17,514,002	(\$411,006)	\$17,102,996
5	Other Operating Revenues	\$985,470	(\$158,760)	\$826,710		\$826,710		\$826,710
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$73,655,516	(\$3,226,069)	\$70,429,447	\$769,676	\$71,199,123	(\$411,006)	\$70,788,117
	<b><u>OPERATING EXPENSES</u></b>							
7	Fuel Expense	\$16,289,644	\$1,201,590	\$17,491,234		\$17,491,234	(\$410,553)	\$17,080,681
8	Non-Fuel Operating and Maintenance Expense	\$22,924,360	(\$4,917,146)	\$18,007,214	\$3,526	\$18,010,739	(\$1,883)	\$18,008,857
9	Depreciation and Amortization	\$10,874,613	\$875,347	\$11,749,960		\$11,749,960		\$11,749,960
10	Federal Income Tax	\$2,254,426	\$193,505	\$2,447,931	\$150,644	\$2,598,575	\$283	\$2,598,858
11	State Income Tax	\$934,757	\$13,981	\$948,738	\$44,586	\$993,324	\$84	\$993,408
12	Taxes Other than Income Tax	\$2,667,046	(\$49,606)	\$2,617,440		\$2,617,440		\$2,617,440
13	(Gain)/Loss on Disposition of Property	\$44,283	(\$2,375)	\$41,908		\$41,908		\$41,908
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$55,989,129	(\$2,684,703)	\$53,304,426	\$198,756	\$53,503,182	(\$412,070)	\$53,091,112
15	<b><u>NET OPERATING INCOME</u></b>	\$17,666,387	(\$541,366)	\$17,125,021	\$570,920	\$17,695,941	\$1,064	\$17,697,005
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>							
16	ADD: AFUDC	\$43,426	(\$43,426)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$65,101	(\$65,101)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$14,735		\$14,735		\$14,735		\$14,735
19	Other Interest Expense/(Income)	\$13,834		\$13,834		\$13,834		\$13,834
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$17,616,144	(\$519,691)	\$17,096,453	\$570,920	\$17,667,373	\$1,064	\$17,668,436
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$217,680,826	(\$8,874,382)	\$208,806,445	\$197,481	\$209,003,926	\$0	\$209,003,926
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	8.0926%		8.1877%		8.4531%		8.4536%

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

Small General Service, County, & Muni Class Fully Adjusted Cost of Service and Revenue Requirement Rate Base		(1)	(2)	(3)	(4)	(5)	(6)	(7)
LINE NO.	DESCRIPTION	SGS Cost of Service	Ratemaking Adjustments	SGS Fully Adjusted Cost of Service (Col 1 + Col 2)	Base Non-Fuel Additional Revenue Requirement	Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	Base Fuel Additional Revenue Requirement	Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>							
23	Materials and Supplies	\$7,789,885	(\$192,880)	\$7,597,005		\$7,597,005		\$7,597,005
24	Investor Funds Advanced	\$2,740,428	\$58,678	\$2,799,106	\$197,481	\$2,996,587		\$2,996,587
25	Total Additions	\$10,424,356	(\$3,065,734)	\$7,358,622		\$7,358,622		\$7,358,622
26	Total Deductions	(\$20,524,274)	\$15,527,828	(\$4,996,445)		(\$4,996,445)		(\$4,996,445)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$430,395	\$12,327,892	\$12,758,288	\$197,481	\$12,955,769	\$0	\$12,955,769
	<b><u>NET UTILITY PLANT</u></b>							
28	Utility Plant in Service	\$391,661,581	(\$3,347,365)	\$388,314,217		\$388,314,217		\$388,314,217
29	Acquisition Adjustments	\$73,096	(\$73,095)	\$0		\$0		\$0
30	Construction Work in Progress	\$22,359,258	(\$22,359,258)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$142,406,640	(\$1,719,442)	\$140,687,198		\$140,687,198		\$140,687,198
32	Provision for Acquisition Adjustments	\$3,946	(\$3,946)	(\$0)		(\$0)		(\$0)
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$271,683,350	(\$24,056,331)	\$247,627,019	\$0	\$247,627,019	\$0	\$247,627,019
	<b><u>RATE BASE DEDUCTIONS</u></b>							
34	Customer Deposits	\$943,455		\$943,455		\$943,455		\$943,455
35	Accumulated Deferred Income Taxes	\$53,489,464	(\$2,854,057)	\$50,635,407		\$50,635,407		\$50,635,407
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$54,432,919	(\$2,854,057)	\$51,578,862	\$0	\$51,578,862	\$0	\$51,578,862
38	<b><u>TOTAL RATE BASE</u></b>	\$217,680,826	(\$8,874,382)	\$208,806,445	\$197,481	\$209,003,926	\$0	\$209,003,926

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
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FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

LINE NO.	DESCRIPTION	(1) LGS Cost of Service	(2) Ratemaking Adjustments	(3) LGS Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) LGS Base Non-Fuel Additional Revenue Requirement	(5) LGS Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) LGS Base Fuel Additional Revenue Requirement	(7) LGS Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>Large General Service Class</b>								
<b>Fully Adjusted Cost of Service and Revenue Requirement</b>								
<b>Adjusted Net Operating Income and Rate of Return</b>								
<b><u>OPERATING REVENUES</u></b>								
Base Non-Fuel Rate Revenues, Including Facilities Charges &								
1	Load Management	\$29,342,616	\$1,783,304	\$31,125,920	\$337,967	\$31,463,887		\$31,463,887
2	Forfeited Discounts and Misc. Service Revenues	\$136,689	\$6,522	\$143,211	(\$576)	\$142,635		\$142,635
3	Non-Fuel Rider Revenues	\$425,690	(\$425,690)	\$0		\$0		\$0
4	Fuel Revenues	\$12,880,462	\$879,897	\$13,760,359		\$13,760,359	(\$322,918)	\$13,437,441
5	Other Operating Revenues	\$633,234	(\$115,025)	\$518,209		\$518,209		\$518,209
6	<b><u>TOTAL OPERATING REVENUES</u></b>	<b>\$43,418,691</b>	<b>\$2,129,008</b>	<b>\$45,547,699</b>	<b>\$337,391</b>	<b>\$45,885,090</b>	<b>(\$322,918)</b>	<b>\$45,562,171</b>
<b><u>OPERATING EXPENSES</u></b>								
7	Fuel Expense	\$12,798,408	\$944,063	\$13,742,471		\$13,742,471	(\$322,563)	\$13,419,908
8	Non-Fuel Operating and Maintenance Expense	\$13,163,197	(\$2,641,039)	\$10,522,159	\$1,545	\$10,523,704	(\$1,479)	\$10,522,225
9	Depreciation and Amortization	\$5,896,500	\$729,621	\$6,626,120		\$6,626,120		\$6,626,120
10	Federal Income Tax	\$888,889	\$731,114	\$1,620,003	\$65,791	\$1,685,795	\$222	\$1,686,017
11	State Income Tax	\$418,422	\$201,668	\$620,090	\$19,472	\$639,562	\$66	\$639,628
12	Taxes Other than Income Tax	\$1,472,856	(\$26,205)	\$1,446,651		\$1,446,651		\$1,446,651
13	(Gain)/Loss on Disposition of Property	\$29,312	(\$1,378)	\$27,934		\$27,934		\$27,934
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	<b>\$34,667,584</b>	<b>(\$62,156)</b>	<b>\$34,605,428</b>	<b>\$86,809</b>	<b>\$34,692,237</b>	<b>(\$323,754)</b>	<b>\$34,368,483</b>
15	<b><u>NET OPERATING INCOME</u></b>	<b>\$8,751,107</b>	<b>\$2,191,164</b>	<b>\$10,942,270</b>	<b>\$250,582</b>	<b>\$11,192,852</b>	<b>\$836</b>	<b>\$11,193,688</b>
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>								
16	ADD: AFUDC	\$30,184	(\$30,184)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$43,100	(\$43,100)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$8,684		\$8,684		\$8,684		\$8,684
19	Other Interest Expense/(Income)	\$8,244		\$8,244		\$8,244		\$8,244
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	<b>\$8,721,262</b>	<b>\$2,204,080</b>	<b>\$10,925,342</b>	<b>\$250,582</b>	<b>\$11,175,924</b>	<b>\$836</b>	<b>\$11,176,760</b>
21	<b><u>RATE BASE (from Line 38 below)</u></b>	<b>\$131,715,939</b>	<b>(\$7,602,578)</b>	<b>\$124,113,361</b>	<b>\$144,515</b>	<b>\$124,257,876</b>	<b>\$0</b>	<b>\$124,257,876</b>
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	<b>6.6213%</b>		<b>8.8027%</b>		<b>8.9941%</b>		<b>8.9948%</b>



DOMINION ENERGY NORTH CAROLINA  
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FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

Large General Service Class		(1)	(2)	(3)	(4)	(5)	(6)	(7)
Fully Adjusted Cost of Service and Revenue Requirement				LGS	LGS	LGS	LGS	LGS
Rate Base				Fully Adjusted	Base Non-Fuel	Fully Adjusted COS	Base Fuel	Fully Adjusted COS
LINE NO.	DESCRIPTION	LGS	Ratemaking	Fully Adjusted	Additional Revenue	After Added Non-Fuel	Additional Revenue	After All Additional
		Cost of Service	Adjustments	Cost of Service	Requirement	Base Revenues	Requirement	Base Revenues
				(Col 1 + Col 2)		(Col 3 + Col 4)		(Col 5 + Col 6)
	<u>ALLOWANCE FOR WORKING CAPITAL</u>							
23	Materials and Supplies	\$5,352,079	(\$130,491)	\$5,221,588		\$5,221,588		\$5,221,588
24	Investor Funds Advanced	\$1,614,423	\$34,590	\$1,649,013	\$144,515	\$1,793,529		\$1,793,529
25	Total Additions	\$7,503,002	(\$2,380,858)	\$5,122,144		\$5,122,144		\$5,122,144
26	Total Deductions	(\$13,108,419)	\$10,452,098	(\$2,656,321)		(\$2,656,321)		(\$2,656,321)
27	<u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u>	\$1,361,086	\$7,975,339	\$9,336,425	\$144,515	\$9,480,940	\$0	\$9,480,940
	<u>NET UTILITY PLANT</u>							
28	Utility Plant in Service	\$227,263,814	(\$1,868,911)	\$225,394,903		\$225,394,903		\$225,394,903
29	Acquisition Adjustments	\$49,313	(\$49,313)	\$0		\$0		\$0
30	Construction Work in Progress	\$15,223,296	(\$15,223,296)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$80,630,316	\$514,492	\$81,144,808		\$81,144,808		\$81,144,808
32	Provision for Acquisition Adjustments	\$2,662	(\$2,662)	(\$0)		(\$0)		(\$0)
33	<u>TOTAL NET UTILITY PLANT</u>	\$161,903,445	(\$17,653,350)	\$144,250,096	\$0	\$144,250,096	\$0	\$144,250,096
	<u>RATE BASE DEDUCTIONS</u>							
34	Customer Deposits	\$556,040		\$556,040		\$556,040		\$556,040
35	Accumulated Deferred Income Taxes	\$30,992,553	(\$2,075,433)	\$28,917,120		\$28,917,120		\$28,917,120
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<u>TOTAL RATE BASE DEDUCTIONS</u>	\$31,548,592	(\$2,075,433)	\$29,473,160	\$0	\$29,473,160	\$0	\$29,473,160
38	<u>TOTAL RATE BASE</u>	\$131,715,939	(\$7,602,578)	\$124,113,361	\$144,515	\$124,257,876	\$0	\$124,257,876

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FULLY ADJUSTED COST OF SERVICE  
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LINE NO.	Schedule NS Class Fully Adjusted Cost of Service and Revenue Requirement Adjusted Net Operating Income and Rate of Return	(1)  Schedule NS Cost of Service	(2)  Ratemaking Adjustments	(3)  Schedule NS Fully Adjusted Cost of Service  (Col 1 + Col 2)	(4)  Schedule NS Base Non-Fuel Additional Revenue Requirement	(5)  Schedule NS Fully Adjusted COS After Added Non-Fuel Base Revenues  (Col 3 + Col 4)	(6)  Schedule NS Base Fuel Additional Revenue Requirement	(7)  Schedule NS Fully Adjusted COS After All Additional Base Revenues  (Col 5 + Col 6)
	<b><u>OPERATING REVENUES</u></b>							
	Base Non-Fuel Rate Revenues, Including Facilities Charges &							
1	Load Management	\$25,531,880	\$121,557	\$25,653,436	\$507,765	\$26,161,201		\$26,161,201
2	Forfeited Discounts and Misc. Service Revenues	\$137,686	\$6,594	\$144,281	(\$24,683)	\$119,598		\$119,598
3	Non-Fuel Rider Revenues	\$0	\$0	\$0		\$0		\$0
4	Fuel Revenues	\$17,497,696	\$1,195,311	\$18,693,008		\$18,693,008	(\$438,674)	\$18,254,334
5	Other Operating Revenues	\$700,870	(\$141,647)	\$559,223		\$559,223		\$559,223
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$43,868,133	\$1,181,815	\$45,049,948	\$483,083	\$45,533,031	(\$438,674)	\$45,094,357
	<b><u>OPERATING EXPENSES</u></b>							
7	Fuel Expense	\$17,386,228	\$1,282,479	\$18,668,707		\$18,668,707	(\$438,191)	\$18,230,516
8	Non-Fuel Operating and Maintenance Expense	\$13,808,936	(\$2,530,762)	\$11,278,174	\$2,213	\$11,280,386	(\$2,009)	\$11,278,377
9	Depreciation and Amortization	\$5,309,236	\$1,012,255	\$6,321,491		\$6,321,491		\$6,321,491
10	Federal Income Tax	\$73,794	\$353,780	\$427,574	\$94,334	\$521,908	\$302	\$522,210
11	State Income Tax	\$182,054	\$101,195	\$283,249	\$27,920	\$311,169	\$89	\$311,259
12	Taxes Other than Income Tax	\$1,365,024	(\$24,489)	\$1,340,536		\$1,340,536		\$1,340,536
13	(Gain)/Loss on Disposition of Property	\$31,772	(\$1,337)	\$30,435		\$30,435		\$30,435
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$38,157,044	\$193,121	\$38,350,165	\$124,467	\$38,474,632	(\$439,809)	\$38,034,823
15	<b><u>NET OPERATING INCOME</u></b>	\$5,711,088	\$988,694	\$6,699,783	\$358,615	\$7,058,398	\$1,135	\$7,059,533
	<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>							
16	ADD: AFUDC	\$40,747	(\$40,747)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$51,789	(\$51,789)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$8,762		\$8,762		\$8,762		\$8,762
19	Other Interest Expense/(Income)	\$8,098		\$8,098		\$8,098		\$8,098
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$5,683,186	\$999,736	\$6,682,923	\$358,615	\$7,041,538	\$1,135	\$7,042,673
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$131,556,266	(\$10,132,747)	\$121,423,519	\$175,349	\$121,598,868	\$0	\$121,598,868
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	4.3200%		5.5038%		5.7908%		5.7917%

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LINE NO.	Schedule NS Class Fully Adjusted Cost of Service and Revenue Requirement Rate Base DESCRIPTION	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Schedule NS Cost of Service	Ratemaking Adjustments	Schedule NS Fully Adjusted Cost of Service (Col 1 + Col 2)	Schedule NS Base Non-Fuel Additional Revenue Requirement	Schedule NS Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	Schedule NS Base Fuel Additional Revenue Requirement	Schedule NS Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>							
23	Materials and Supplies	\$6,299,644	(\$145,589)	\$6,154,055		\$6,154,055		\$6,154,055
24	Investor Funds Advanced	\$1,629,969	\$34,948	\$1,664,917	\$175,349	\$1,840,266		\$1,840,266
25	Total Additions	\$9,326,520	(\$3,207,265)	\$6,119,255		\$6,119,255		\$6,119,255
26	Total Deductions	(\$14,257,082)	\$11,647,295	(\$2,609,787)		(\$2,609,787)		(\$2,609,787)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$2,999,051	\$8,329,389	\$11,328,440	\$175,349	\$11,503,790	\$0	\$11,503,790
	<b><u>NET UTILITY PLANT</u></b>							
28	Utility Plant in Service	\$220,492,795	(\$1,670,472)	\$218,822,323		\$218,822,323		\$218,822,323
29	Acquisition Adjustments	\$54,776	(\$54,776)	\$0		\$0		\$0
30	Construction Work in Progress	\$17,367,617	(\$17,367,617)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$78,887,497	\$1,952,289	\$80,839,785		\$80,839,785		\$80,839,785
32	Provision for Acquisition Adjustments	\$2,957	(\$2,957)	(\$0)		(\$0)		(\$0)
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$159,024,735	(\$21,042,197)	\$137,982,538	\$0	\$137,982,538	\$0	\$137,982,538
	<b><u>RATE BASE DEDUCTIONS</u></b>							
34	Customer Deposits	\$561,004		\$561,004		\$561,004		\$561,004
35	Accumulated Deferred Income Taxes	\$29,906,516	(\$2,580,061)	\$27,326,455		\$27,326,455		\$27,326,455
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$30,467,520	(\$2,580,061)	\$27,887,459	\$0	\$27,887,459	\$0	\$27,887,459
38	<b><u>TOTAL RATE BASE</u></b>	\$131,556,266	(\$10,132,747)	\$121,423,519	\$175,349	\$121,598,868	\$0	\$121,598,868

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LINE NO.	DESCRIPTION	(1) 6VP Cost of Service	(2) Ratemaking Adjustments	(3) 6VP Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) 6VP Base Non-Fuel Additional Revenue Requirement	(5) 6VP Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) 6VP Base Fuel Additional Revenue Requirement	(7) 6VP Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>6VP Class</b> <b>Fully Adjusted Cost of Service and Revenue Requirement</b> <b>Adjusted Net Operating Income and Rate of Return</b>								
<b><u>OPERATING REVENUES</u></b>								
	Base Non-Fuel Rate Revenues, Including Facilities Charges &							
1	Load Management	\$10,652,603	\$955,453	\$11,608,055	\$145,603	\$11,753,658		\$11,753,658
2	Forfeited Discounts and Misc. Service Revenues	\$50,935	\$2,440	\$53,374	(\$645)	\$52,729		\$52,729
3	Non-Fuel Rider Revenues	\$669	(\$669)	\$0		\$0		\$0
4	Fuel Revenues	\$5,264,928	\$359,660	\$5,624,588		\$5,624,588	(\$131,994)	\$5,492,594
5	Other Operating Revenues	\$250,197	(\$45,976)	\$204,221		\$204,221		\$204,221
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$16,219,330	\$1,270,908	\$17,490,238	\$144,958	\$17,635,196	(\$131,994)	\$17,503,203
<b><u>OPERATING EXPENSES</u></b>								
7	Fuel Expense	\$5,231,388	\$385,888	\$5,617,276		\$5,617,276	(\$131,848)	\$5,485,428
8	Non-Fuel Operating and Maintenance Expense	\$5,008,456	(\$836,716)	\$4,171,740	\$664	\$4,172,404	(\$605)	\$4,171,799
9	Depreciation and Amortization	\$2,200,614	\$300,489	\$2,501,103		\$2,501,103		\$2,501,103
10	Federal Income Tax	\$206,275	\$323,981	\$530,256	\$28,287	\$558,542	\$91	\$558,633
11	State Income Tax	\$121,900	\$90,764	\$212,664	\$8,372	\$221,036	\$27	\$221,062
12	Taxes Other than Income Tax	\$558,398	(\$9,907)	\$548,491		\$548,491		\$548,491
13	(Gain)/Loss on Disposition of Property	\$11,411	(\$528)	\$10,883		\$10,883		\$10,883
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$13,338,440	\$253,971	\$13,592,412	\$37,323	\$13,629,734	(\$132,335)	\$13,497,399
15	<b><u>NET OPERATING INCOME</u></b>	\$2,880,890	\$1,016,936	\$3,897,826	\$107,636	\$4,005,462	\$342	\$4,005,804
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>								
16	ADD: AFUDC	\$12,399	(\$12,399)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$17,000	(\$17,000)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$3,241		\$3,241		\$3,241		\$3,241
19	Other Interest Expense/(Income)	\$3,189		\$3,189		\$3,189		\$3,189
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$2,869,858	\$1,021,537	\$3,891,396	\$107,636	\$3,999,031	\$342	\$3,999,373
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$51,176,698	(\$3,133,621)	\$48,043,076	\$57,429	\$48,100,506	\$0	\$48,100,506
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	5.6077%		8.0998%		8.3139%		8.3146%

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LINE NO.	6VP Class Fully Adjusted Cost of Service and Revenue Requirement Rate Base	(1) 6VP Cost of Service	(2) Ratemaking Adjustments	(3) 6VP Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) 6VP Base Non-Fuel Additional Revenue Requirement	(5) 6VP Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) 6VP Base Fuel Additional Revenue Requirement	(7) 6VP Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
	DESCRIPTION							
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>							
23	Materials and Supplies	\$2,121,099	(\$51,081)	\$2,070,018		\$2,070,018		\$2,070,018
24	Investor Funds Advanced	\$602,936	\$12,921	\$615,857	\$57,429	\$673,287		\$673,287
25	Total Additions	\$3,006,597	(\$971,458)	\$2,035,139		\$2,035,139		\$2,035,139
26	Total Deductions	(\$5,101,527)	\$4,090,746	(\$1,010,781)		(\$1,010,781)		(\$1,010,781)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	\$629,106	\$3,081,128	\$3,710,234	\$57,429	\$3,767,663	\$0	\$3,767,663
	<b><u>NET UTILITY PLANT</u></b>							
28	Utility Plant in Service	\$87,057,892	(\$706,045)	\$86,351,847		\$86,351,847		\$86,351,847
29	Acquisition Adjustments	\$19,287	(\$19,287)	\$0		\$0		\$0
30	Construction Work in Progress	\$5,988,821	(\$5,988,821)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$30,435,258	\$334,949	\$30,770,208		\$30,770,208		\$30,770,208
32	Provision for Acquisition Adjustments	\$1,041	(\$1,041)	(\$0)		(\$0)		(\$0)
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$62,629,700	(\$7,048,061)	\$55,581,639	\$0	\$55,581,639	\$0	\$55,581,639
	<b><u>RATE BASE DEDUCTIONS</u></b>							
34	Customer Deposits	\$207,536		\$207,536		\$207,536		\$207,536
35	Accumulated Deferred Income Taxes	\$11,874,572	(\$833,312)	\$11,041,261		\$11,041,261		\$11,041,261
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$12,082,108	(\$833,312)	\$11,248,797	\$0	\$11,248,797	\$0	\$11,248,797
38	<b><u>TOTAL RATE BASE</u></b>	\$51,176,698	(\$3,133,621)	\$48,043,076	\$57,429	\$48,100,506	\$0	\$48,100,506

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LINE NO.	DESCRIPTION	(1) St. & Out. Lighting Cost of Service	(2) Ratemaking Adjustments	(3) St. & Out. Lighting Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) St. & Out. Lighting Base Non-Fuel Additional Revenue Requirement	(5) St. & Out. Lighting Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) St. & Out. Lighting Base Fuel Additional Revenue Requirement	(7) St. & Out. Lighting Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>Street and Outdoor Lighting Class</b>								
<b>Fully Adjusted Cost of Service and Revenue Requirement</b>								
<b>Adjusted Net Operating Income and Rate of Return</b>								
<b><u>OPERATING REVENUES</u></b>								
Base Non-Fuel Rate Revenues, Including Facilities Charges &								
1	Load Management	\$4,543,104	\$148,155	\$4,691,258	\$176,777	\$4,868,035		\$4,868,035
2	Forfeited Discounts and Misc. Service Revenues	\$67,510	(\$2,408)	\$65,102	\$21,549	\$86,651		\$86,651
3	Non-Fuel Rider Revenues	\$0	\$0	\$0		\$0		\$0
4	Fuel Revenues	\$476,207	\$32,531	\$508,738		\$508,738	(\$11,939)	\$496,800
5	Other Operating Revenues	\$75,020	(\$3,585)	\$71,436		\$71,436		\$71,436
6	<b><u>TOTAL OPERATING REVENUES</u></b>	<b>\$5,161,841</b>	<b>\$174,693</b>	<b>\$5,336,534</b>	<b>\$198,326</b>	<b>\$5,534,860</b>	<b>(\$11,939)</b>	<b>\$5,522,921</b>
<b><u>OPERATING EXPENSES</u></b>								
7	Fuel Expense	\$473,174	\$34,903	\$508,077		\$508,077	(\$11,926)	\$496,151
8	Non-Fuel Operating and Maintenance Expense	\$2,305,780	(\$211,937)	\$2,093,843	\$908	\$2,094,752	(\$55)	\$2,094,697
9	Depreciation and Amortization	\$1,577,830	(\$19,641)	\$1,558,189		\$1,558,189		\$1,558,189
10	Federal Income Tax	(\$145,804)	\$140,147	(\$5,658)	\$39,013	\$33,355	\$8	\$33,364
11	State Income Tax	(\$3,008)	\$24,748	\$21,740	\$11,547	\$33,287	\$2	\$33,290
12	Taxes Other than Income Tax	\$359,978	(\$6,302)	\$353,676		\$353,676		\$353,676
13	(Gain)/Loss on Disposition of Property	\$975	(\$286)	\$689		\$689		\$689
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	<b>\$4,568,925</b>	<b>(\$38,369)</b>	<b>\$4,530,557</b>	<b>\$51,468</b>	<b>\$4,582,025</b>	<b>(\$11,970)</b>	<b>\$4,570,055</b>
15	<b><u>NET OPERATING INCOME</u></b>	<b>\$592,916</b>	<b>\$213,061</b>	<b>\$805,977</b>	<b>\$146,857</b>	<b>\$952,835</b>	<b>\$31</b>	<b>\$952,866</b>
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>								
16	ADD: AFUDC	\$8,496	(\$8,496)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$4,613	(\$4,613)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$1,022		\$1,022		\$1,022		\$1,022
19	Other Interest Expense/(Income)	\$1,401		\$1,401		\$1,401		\$1,401
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	<b>\$594,375</b>	<b>\$209,179</b>	<b>\$803,554</b>	<b>\$146,857</b>	<b>\$950,412</b>	<b>\$31</b>	<b>\$950,443</b>
21	<b><u>RATE BASE (from Line 38 below)</u></b>	<b>\$20,965,715</b>	<b>\$871,940</b>	<b>\$21,837,654</b>	<b>\$4,447</b>	<b>\$21,842,102</b>	<b>\$0</b>	<b>\$21,842,102</b>
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	<b>2.8350%</b>		<b>3.6797%</b>		<b>4.3513%</b>		<b>4.3514%</b>

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Street and Outdoor Lighting Class		(1)	(2)	(3)	(4)	(5)	(6)	(7)
Fully Adjusted Cost of Service and Revenue Requirement								
Rate Base								
LINE NO.	DESCRIPTION	St. & Out. Lighting Cost of Service	Ratemaking Adjustments	St. & Out. Lighting Fully Adjusted Cost of Service	St. & Out. Lighting Base Non-Fuel Additional Revenue Requirement	St. & Out. Lighting Fully Adjusted COS After Added Non-Fuel Base Revenues	St. & Out. Lighting Base Fuel Additional Revenue Requirement	St. & Out. Lighting Fully Adjusted COS After All Additional Base Revenues
				(Col 1 + Col 2)		(Col 3 + Col 4)		(Col 5 + Col 6)
<u>ALLOWANCE FOR WORKING CAPITAL</u>								
23	Materials and Supplies	\$395,101	(\$3,376)	\$391,725		\$391,725		\$391,725
24	Investor Funds Advanced	\$192,433	\$4,112	\$196,545	\$4,447	\$200,992		\$200,992
25	Total Additions	\$424,621	(\$106,078)	\$318,543		\$318,543		\$318,543
26	Total Deductions	(\$960,732)	\$341,241	(\$619,491)		(\$619,491)		(\$619,491)
27	<u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u>	\$51,423	\$235,900	\$287,323	\$4,447	\$291,770	\$0	\$291,770
<u>NET UTILITY PLANT</u>								
28	Utility Plant in Service	\$47,138,563	(\$391,502)	\$46,747,061		\$46,747,061		\$46,747,061
29	Acquisition Adjustments	\$1,264	(\$1,264)	\$0		\$0		\$0
30	Construction Work in Progress	\$685,760	(\$685,760)	\$0		\$0		\$0
LESS:								
31	Accumulated Provision for Depreciation & Amortization	\$20,298,699	(\$1,684,331)	\$18,614,367		\$18,614,367		\$18,614,367
32	Provision for Acquisition Adjustments	\$68	(\$68)	(\$0)		(\$0)		(\$0)
33	<u>TOTAL NET UTILITY PLANT</u>	\$27,526,821	\$605,873	\$28,132,694	\$0	\$28,132,694	\$0	\$28,132,694
<u>RATE BASE DEDUCTIONS</u>								
34	Customer Deposits	\$65,440		\$65,440		\$65,440		\$65,440
35	Accumulated Deferred Income Taxes	\$6,547,089	(\$30,167)	\$6,516,922		\$6,516,922		\$6,516,922
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<u>TOTAL RATE BASE DEDUCTIONS</u>	\$6,612,529	(\$30,167)	\$6,582,362	\$0	\$6,582,362	\$0	\$6,582,362
38	<u>TOTAL RATE BASE</u>	\$20,965,715	\$871,940	\$21,837,654	\$4,447	\$21,842,102	\$0	\$21,842,102

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LINE NO.	DESCRIPTION	(1) Traffic Lighting Cost of Service	(2) Ratemaking Adjustments	(3) Traffic Lighting Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) Traffic Lighting Base Non-Fuel Additional Revenue Requirement	(5) Traffic Lighting Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) Traffic Lighting Base Fuel Additional Revenue Requirement	(7) Traffic Lighting Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>Traffic Lighting Class</b>								
<b>Fully Adjusted Cost of Service and Revenue Requirement</b>								
<b>Adjusted Net Operating Income and Rate of Return</b>								
<b><u>OPERATING REVENUES</u></b>								
Base Non-Fuel Rate Revenues, Including Facilities Charges &								
1	Load Management	\$53,266	(\$1,941)	\$51,325	\$767	\$52,092		\$52,092
2	Forfeited Discounts and Misc. Service Revenues	\$1,008	(\$40)	\$968	\$278	\$1,246		\$1,246
3	Non-Fuel Rider Revenues	\$0	\$0	\$0		\$0		\$0
4	Fuel Revenues	\$10,401	\$711	\$11,111		\$11,111	(\$261)	\$10,851
5	Other Operating Revenues	\$898	(\$93)	\$805		\$805		\$805
6	<b><u>TOTAL OPERATING REVENUES</u></b>	\$65,573	(\$1,363)	\$64,210	\$1,045	\$65,255	(\$261)	\$64,994
<b><u>OPERATING EXPENSES</u></b>								
7	Fuel Expense	\$10,335	\$762	\$11,097		\$11,097	(\$260)	\$10,837
8	Non-Fuel Operating and Maintenance Expense	\$29,510	(\$2,923)	\$26,587	\$5	\$26,592	(\$1)	\$26,591
9	Depreciation and Amortization	\$10,087	\$419	\$10,506		\$10,506		\$10,506
10	Federal Income Tax	\$773	\$408	\$1,181	\$205	\$1,387	\$0	\$1,387
11	State Income Tax	\$530	\$52	\$581	\$61	\$642	\$0	\$642
12	Taxes Other than Income Tax	\$2,667	(\$70)	\$2,597		\$2,597		\$2,597
13	(Gain)/Loss on Disposition of Property	\$25	(\$2)	\$23		\$23		\$23
14	<b><u>TOTAL ELECTRIC OPERATING EXPENSES</u></b>	\$53,926	(\$1,354)	\$52,572	\$271	\$52,843	(\$261)	\$52,582
15	<b><u>NET OPERATING INCOME</u></b>	\$11,647	(\$9)	\$11,638	\$774	\$12,411	\$1	\$12,412
<b><u>ADJUSTMENTS TO OPERATING INCOME</u></b>								
16	ADD: AFUDC	\$51	(\$51)	\$0		\$0		\$0
17	LESS: Charitable Donations	\$66	(\$66)	\$0		\$0		\$0
18	Interest Expense on Customer Deposits	\$13		\$13		\$13		\$13
19	Other Interest Expense/(Income)	\$11		\$11		\$11		\$11
20	<b><u>ADJUSTED NET ELECTRIC OPERATING INCOME</u></b>	\$11,607	\$6	\$11,614	\$774	\$12,387	\$1	\$12,388
21	<b><u>RATE BASE (from Line 38 below)</u></b>	\$167,482	(\$1,808)	\$165,674	\$58	\$165,732	\$0	\$165,732
22	<b><u>ROR EARNED ON AVERAGE RATE BASE</u></b>	6.9305%		7.0100%		7.4744%		7.4748%



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SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

LINE NO.	DESCRIPTION	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Traffic Lighting Cost of Service	Ratemaking Adjustments	Traffic Lighting Fully Adjusted Cost of Service (Col 1 + Col 2)	Traffic Lighting Base Non-Fuel Additional Revenue Requirement	Traffic Lighting Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	Traffic Lighting Base Fuel Additional Revenue Requirement	Traffic Lighting Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
	<b>Traffic Lighting Class</b>							
	<b>Fully Adjusted Cost of Service and Revenue Requirement</b>							
	<b>Rate Base</b>							
	<b><u>ALLOWANCE FOR WORKING CAPITAL</u></b>							
23	Materials and Supplies	\$5,158	(\$105)	\$5,053		\$5,053		\$5,053
24	Investor Funds Advanced	\$2,442	\$52	\$2,494	\$58	\$2,552		\$2,552
25	Total Additions	\$6,898	(\$1,989)	\$4,909		\$4,909		\$4,909
26	Total Deductions	(\$17,619)	\$8,880	(\$8,739)		(\$8,739)		(\$8,739)
27	<b><u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u></b>	(\$3,120)	\$6,838	\$3,717	\$58	\$3,775	\$0	\$3,775
	<b><u>NET UTILITY PLANT</u></b>							
28	Utility Plant in Service	\$331,576	(\$2,755)	\$328,822		\$328,822		\$328,822
29	Acquisition Adjustments	\$40	(\$40)	\$0		\$0		\$0
30	Construction Work in Progress	\$13,272	(\$13,272)	\$0		\$0		\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$128,973	(\$5,573)	\$123,400		\$123,400		\$123,400
32	Provision for Acquisition Adjustments	\$2	(\$2)	(\$0)		(\$0)		(\$0)
33	<b><u>TOTAL NET UTILITY PLANT</u></b>	\$215,913	(\$10,491)	\$205,422	\$0	\$205,422	\$0	\$205,422
	<b><u>RATE BASE DEDUCTIONS</u></b>							
34	Customer Deposits	\$830		\$830		\$830		\$830
35	Accumulated Deferred Income Taxes	\$44,481	(\$1,846)	\$42,635		\$42,635		\$42,635
36	Other Cost Free Capital	\$0		\$0		\$0		\$0
37	<b><u>TOTAL RATE BASE DEDUCTIONS</u></b>	\$45,311	(\$1,846)	\$43,465	\$0	\$43,465	\$0	\$43,465
38	<b><u>TOTAL RATE BASE</u></b>	\$167,482	(\$1,808)	\$165,674	\$58	\$165,732	\$0	\$165,732

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FULLY ADJUSTED COST OF SERVICE  
SHOWING EFFECTS OF ACCOUNTING ADJUSTMENTS AND REVENUE INCREASE

LINE NO.	DESCRIPTION	(1) Total NC Jurisdiction Cost of Service	(2) Ratemaking Adjustments	(3) Total NC Jurisdiction Fully Adjusted Cost of Service (Col 1 + Col 2)	(4) Total NC Jurisdiction Base Non-Fuel Additional Revenue Requirement	(5) Total NC Jurisdiction Fully Adjusted COS After Added Non-Fuel Base Revenues (Col 3 + Col 4)	(6) Total NC Jurisdiction Base Fuel Additional Revenue Requirement	(7) Total NC Jurisdiction Fully Adjusted COS After All Additional Base Revenues (Col 5 + Col 6)
<b>Operating Revenues</b>								
	Base Non-Fuel Rate Revenues, Including Facilities Charges &							
1	Load Management	\$263,078,765	(\$6,385,927)	\$256,692,838	\$8,386,452	\$265,079,290	\$0	\$265,079,290
2	Forfeited Discounts and Misc. Service Revenues	\$1,694,264	\$19,563	\$1,713,827	\$196,549	\$1,910,376	\$0	\$1,910,376
3	Non-Fuel Rider Revenues	\$4,941,430	(\$4,941,430)	\$0	\$0	\$0	\$0	\$0
4	Fuel Revenues	\$85,958,000	\$5,872,006	\$91,830,006	\$0	\$91,830,006	(\$2,155,000)	\$89,675,006
5	Other Operating Revenues	\$5,372,924	(\$842,970)	\$4,529,954	\$0	\$4,529,954	\$0	\$4,529,954
6	<b>TOTAL OPERATING REVENUES</b>	\$361,045,384	(\$6,278,758)	\$354,766,625	\$8,583,000	\$363,349,625	(\$2,155,000)	\$361,194,625
<b>Operating Expenses</b>								
7	Fuel Expense	\$85,410,409	\$6,300,219	\$91,710,628	\$0	\$91,710,628	(\$2,152,627)	\$89,558,001
8	Non-Fuel Operating and Maintenance Expense	\$113,613,214	(\$18,580,827)	\$95,032,386	\$39,316	\$95,071,703	(\$9,871)	\$95,061,831
9	Depreciation and Amortization	\$60,065,733	\$4,475,674	\$64,541,407	\$0	\$64,541,407	\$0	\$64,541,407
10	Federal Income Tax	\$7,003,495	\$1,832,335	\$8,835,829	\$1,684,771	\$10,520,601	\$1,483	\$10,522,083
11	State Income Tax	\$3,532,346	\$276,635	\$3,808,981	\$498,643	\$4,307,625	\$439	\$4,308,063
12	Taxes Other than Income Tax	\$14,581,725	(\$262,747)	\$14,318,978	\$0	\$14,318,978	\$0	\$14,318,978
13	(Gain)/Loss on Disposition of Property	\$238,259	(\$13,095)	\$225,164	\$0	\$225,164	\$0	\$225,164
14	<b>TOTAL ELECTRIC OPERATING EXPENSES</b>	\$284,445,180	(\$5,971,807)	\$278,473,373	\$2,222,731	\$280,696,104	(\$2,160,577)	\$278,535,527
15	<b>NET OPERATING INCOME</b>	\$76,600,204	(\$306,952)	\$76,293,252	\$6,360,269	\$82,653,521	\$5,577	\$82,659,098
<b>Adjustments to Operating Income</b>								
16	ADD: AFUDC	\$235,340	(\$235,340)	\$0	\$0	\$0	\$0	\$0
17	LESS: Charitable Donations	\$330,409	(\$330,409)	\$0	\$0	\$0	\$0	\$0
18	Interest Expense on Customer Deposits	\$72,077	\$0	\$72,077	\$0	\$72,077	\$0	\$72,077
19	Other Interest Expense/(Income)	\$75,913	\$0	\$75,913	\$0	\$75,913	\$0	\$75,913
20	<b>ADJUSTED NET ELECTRIC OPERATING INCOME</b>	\$76,357,144	(\$211,882)	\$76,145,262	\$6,360,269	\$82,505,531	\$5,577	\$82,511,108
21	<b>RATE BASE (from Line 38 below)</b>	\$1,191,741,713	(\$47,172,843)	\$1,144,568,870	\$1,046,732	\$1,145,615,602	\$0	\$1,145,615,602
22	<b>ROR EARNED ON AVERAGE RATE BASE</b>	6.4072%		6.6527%		7.2019%		7.2023%

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Total of All North Carolina Classes Fully Adjusted Cost of Service and Revenue Requirement Rate Base		(1)	(2)	(3)	(4)	(5)	(6)	(7)
LINE NO.	DESCRIPTION	Total NC Jurisdiction Cost of Service	Ratemaking Adjustments	Total NC Jurisdiction Fully Adjusted Cost of Service	Total NC Jurisdiction Base Non-Fuel Additional Revenue Requirement	Total NC Jurisdiction Fully Adjusted COS After Added Non-Fuel Base Revenues	Total NC Jurisdiction Base Fuel Additional Revenue Requirement	Total NC Jurisdiction Fully Adjusted COS After All Additional Base Revenues
				(Col 1 + Col 2)		(Col 3 + Col 4)		(Col 5 + Col 6)
	<u>ALLOWANCE FOR WORKING CAPITAL</u>							
23	Materials and Supplies	\$41,789,500	(\$1,034,205)	\$40,755,295	\$0	\$40,755,295	\$0	\$40,755,295
24	Investor Funds Advanced	\$13,429,777	\$287,629	\$13,717,406	\$1,046,732	\$14,764,138	\$0	\$14,764,138
25	Total Additions	\$55,394,312	(\$16,113,125)	\$39,281,187	\$0	\$39,281,187	\$0	\$39,281,187
26	Total Deductions	(\$109,385,265)	\$83,255,558	(\$26,129,708)	\$0	(\$26,129,708)	\$0	(\$26,129,708)
27	<u>TOTAL ALLOWANCE FOR WORKING CAPITAL</u>	\$1,228,323	\$66,395,857	\$67,624,180	\$1,046,732	\$68,670,912	\$0	\$68,670,912
	<u>NET UTILITY PLANT</u>							
28	Utility Plant in Service	\$2,159,936,430	(\$19,437,973)	\$2,140,498,457	\$0	\$2,140,498,457	\$0	\$2,140,498,457
29	Acquisition Adjustments	\$392,082	(\$392,082)	\$0	\$0	\$0	\$0	\$0
30	Construction Work in Progress	\$119,869,057	(\$119,869,057)	\$0	\$0	\$0	\$0	\$0
	LESS:							
31	Accumulated Provision for Depreciation & Amortization	\$789,277,872	(\$11,493,453)	\$777,784,418	\$0	\$777,784,418	\$0	\$777,784,418
32	Provision for Acquisition Adjustments	\$21,165	(\$21,165)	(\$0)	\$0	(\$0)	\$0	(\$0)
33	<u>TOTAL NET UTILITY PLANT</u>	\$1,490,898,533	(\$128,184,494)	\$1,362,714,039	\$0	\$1,362,714,039	\$0	\$1,362,714,039
	<u>RATE BASE DEDUCTIONS</u>							
34	Customer Deposits	\$4,615,043	\$0	\$4,615,043	\$0	\$4,615,043	\$0	\$4,615,043
35	Accumulated Deferred Income Taxes	\$295,770,101	(\$14,615,795)	\$281,154,306	\$0	\$281,154,306	\$0	\$281,154,306
36	Other Cost Free Capital	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	<u>TOTAL RATE BASE DEDUCTIONS</u>	\$300,385,144	(\$14,615,795)	\$285,769,349	\$0	\$285,769,349	\$0	\$285,769,349
38	<u>TOTAL RATE BASE</u>	\$1,191,741,713	(\$47,172,843)	\$1,144,568,870	\$1,046,732	\$1,145,615,602	\$0	\$1,145,615,602

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
SUMMARY OF NORTH CAROLINA JURISDICTION AND CUSTOMER CLASS RATES OF RETURN  
PER BOOKS, ANNUALIZED, FULLY ADJUSTED AND FULLY ADJUSTED WITH INCREASE

PER BOOKS CLASS RATE OF RETURNS - FROM ITEM 45a								
	North Carolina Juris Amount	Residential	SGS, County, & Muni	Large General Service	Schedule NS	6VP	Street & Outdoor Lights	Traffic Lights
Adjusted NOI	\$76,357,144	\$40,860,712	\$17,616,144	\$8,721,262	\$5,683,186	\$2,869,858	\$594,375	\$11,607
Rate Base	\$1,191,741,713	\$638,478,788	\$217,680,826	\$131,715,939	\$131,556,266	\$51,176,698	\$20,965,715	\$167,482
ROR	6.4072%	6.3997%	8.0926%	6.6213%	4.3200%	5.6077%	2.8350%	6.9305%
Index		1.00	1.26	1.03	0.67	0.88	0.44	1.08

PER BOOKS CLASS RATE OF RETURNS WITH ANNUALIZED REVENUE - FROM ITEM 45b								
	North Carolina Juris Amount	Residential	SGS, County, & Muni	Large General Service	Schedule NS	6VP	Street & Outdoor Lights	Traffic Lights
Adjusted NOI	\$78,610,836	\$42,426,447	\$17,648,291	\$9,008,210	\$5,685,484	\$3,121,241	\$710,386	\$10,775
Rate Base	\$1,191,741,713	\$638,478,788	\$217,680,826	\$131,715,939	\$131,556,266	\$51,176,698	\$20,965,715	\$167,482
ROR	6.5963%	6.6449%	8.1074%	6.8391%	4.3217%	6.0990%	3.3883%	6.4337%
Index		1.01	1.23	1.04	0.66	0.92	0.51	0.98

CLASS RATE OF RETURNS AFTER ALL RATEMAKING ADJUSTMENTS BEFORE REVENUE INCREASE - FROM ITEM 45c, COL. 3								
	North Carolina Juris Amount	Residential	SGS, County, & Muni	Large General Service	Schedule NS	6VP	Street & Outdoor Lights	Traffic Lights
Adjusted NOI	\$76,145,262	\$36,733,981	\$17,096,453	\$10,925,342	\$6,682,923	\$3,891,396	\$803,554	\$11,614
Rate Base	\$1,144,568,870	\$620,179,141	\$208,806,445	\$124,113,361	\$121,423,519	\$48,043,076	\$21,837,654	\$165,674
ROR	6.6527%	5.9231%	8.1877%	8.8027%	5.5038%	8.0998%	3.6797%	7.0100%
Index		0.89	1.23	1.32	0.83	1.22	0.55	1.05

CLASS RATE OF RETURNS AFTER ALL RATEMAKING ADJUSTMENTS AND AFTER REVENUE INCREASE - FROM ITEM 45c, COLS. 4 & 5								
	North Carolina Juris Amount	Residential	SGS, County, & Muni	Large General Service	Schedule NS	6VP	Street & Outdoor Lights	Traffic Lights
Revenue Increase	\$8,583,000	\$6,648,522	\$769,676	\$337,391	\$483,083	\$144,958	\$198,326	\$1,045
Adjusted NOI	\$82,505,531	\$41,658,866	\$17,667,373	\$11,175,924	\$7,041,538	\$3,999,031	\$950,412	\$12,387
Rate Base	\$1,145,615,602	\$620,646,593	\$209,003,926	\$124,257,876	\$121,598,868	\$48,100,506	\$21,842,102	\$165,732
ROR	7.2019%	6.7122%	8.4531%	8.9941%	5.7908%	8.3139%	4.3513%	7.4744%
Index		0.93	1.17	1.25	0.80	1.15	0.60	1.04

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PER BOOKS, ANNUALIZED, FULLY ADJUSTED AND FULLY ADJUSTED WITH INCREASE**

**CHANGE IN CLASS RATE OF RETURNS DUE TO BASE FUEL RATE CHANGE - FROM ITEM 45c, COLS. 6 & 7**

	<u>North Carolina Juris Amount</u>	<u>Residential</u>	<u>SGS, County, &amp; Muni</u>	<u>Large General Service</u>	<u>Schedule NS</u>	<u>6VP</u>	<u>Street &amp; Outdoor Lights</u>	<u>Traffic Lights</u>
Revenue Increase (Allocated on Factor 3)	(\$2,155,000)	(\$838,209)	(\$411,006)	(\$322,918)	(\$438,674)	(\$131,994)	(\$11,939)	(\$261)
Δ Adjusted NOI	\$5,577	\$2,169	\$1,064	\$836	\$1,135	\$342	\$31	\$1
Total Rate Base (from Column 7)	\$1,145,615,602	\$620,646,593	\$209,003,926	\$124,257,876	\$121,598,868	\$48,100,506	\$21,842,102	\$165,732
Δ ROR	0.0005%	0.0003%	0.0005%	0.0007%	0.0009%	0.0007%	0.0001%	0.0004%
Δ Index		0.00	0.00	0.00	0.00	0.00	0.00	0.00

**CLASS RATE OF RETURNS AFTER ALL RATEMAKING ADJUSTMENTS AND AFTER REVENUE INCREASE INCLUDING BASE FUEL RATE CHANGE - FROM ITEM 45c, COL. 4, 6, & 7**

	<u>North Carolina Juris. Amount</u>	<u>Residential</u>	<u>SGS, County &amp; Muni</u>	<u>Large General Service</u>	<u>Sch. NS</u>	<u>6VP</u>	<u>Outdoor Street Lights</u>	<u>Traffic Lights</u>
Total Revenue Increase (Col 4 + Col 6)	\$6,428,000	\$5,810,313	\$358,670	\$14,473	\$44,409	\$12,965	\$186,387	\$784
Adjusted NOI	\$82,511,108	\$41,661,035	\$17,668,436	\$11,176,760	\$7,042,673	\$3,999,373	\$950,443	\$12,388
Rate Base	\$1,145,615,602	\$620,646,593	\$209,003,926	\$124,257,876	\$121,598,868	\$48,100,506	\$21,842,102	\$165,732
ROR	7.2023%	6.7125%	8.4536%	8.9948%	5.7917%	8.3146%	4.3514%	7.4748%
Index		0.93	1.17	1.25	0.80	1.15	0.60	1.04

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DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		RESIDENTIAL CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
	Energy	58.9145%	Customer	Demand					Energy
	Demand	41.0855%		Production		Transmission	Distribution		
	Total	Demand		Energy	Combined				
1	NOI (COS Sch 1, Ln 36)	\$40,860,712	\$4,516,895	\$7,113,467	\$10,200,346	\$17,313,813	\$8,621,301	\$8,418,154	\$1,990,549
2	NOI Ratio (Based on Ln 1)	100.0000%	11.0544%	17.4091%	24.9637%	42.3728%	21.0992%	20.6021%	4.8715%
3	Rate Base (COS Sch 1, Ln 38)	\$638,478,788	\$70,579,819	\$111,153,169	\$159,387,944	\$270,541,113	\$134,714,190	\$131,539,866	\$31,103,799
4	Rate Base Ratio (Based on Ln 3)	100.0000%	11.0544%	17.4091%	24.9637%	42.3728%	21.0992%	20.6021%	4.8715%
5	Rate of Return (Ln 1 / Ln 3)	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%

<div>PART B</div>		RESIDENTIAL CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Demand							
				Production		Transmission		Distribution	
		Total	Customer	Demand	Energy	Combined	Energy		
6	Change in NOI (Item 45b, Pg 1, Col 2, Ln 20)	\$1,565,735							
7	Allocated on NOI Ratio (Ln 2)	\$1,565,735	\$173,082	\$272,580	\$390,866	\$663,445	\$330,358	\$322,574	\$76,276
8	Annualized NOI (Ln 1 + Ln 7)	\$42,426,447	\$4,689,977	\$7,386,047	\$10,591,212	\$17,977,258	\$8,951,659	\$8,740,728	\$2,066,825
9	Annualized Rate of Return (Ln 8 / Ln 3)	6.64%	6.64%	6.64%	6.64%	6.64%	6.64%	6.64%	6.64%

<div><div>PART C</div></div>		RESIDENTIAL CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
	Total	Customer	Demand			Transmission	Distribution	Energy	
			Production						
			Demand	Energy	Combined				
10	NOI After All Adjustments and Increase	\$41,661,035 *							
11	Allocated on NOI Ratio	\$41,661,035	\$4,605,366	\$7,252,796	\$10,400,137	\$17,652,932	\$8,790,163	\$8,583,037	\$2,029,537
12	Final Rate Base After All Adjustments	\$620,646,593 #							
13	Allocated on Rate Base Ratio	\$620,646,592	\$68,608,582	\$108,048,751	\$154,936,368	\$262,985,119	\$130,951,732	\$127,866,064	\$30,235,095
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	6.71%	6.71%	6.71%	6.71%	6.71%	6.71%	6.71%	6.71%
* Total from NCUC Form E-1, Item 45c, Page 1, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 1, Column 7, Line 21									

DOMINION ENERGY NORTH CAROLINA  
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EOP - PERIOD ENDED DECEMBER 31, 2018  
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CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
	Energy	58.9145%		Demand					
	Demand	41.0855%		Production		Transmission	Distribution		
	Total		Customer	Demand	Energy	Combined		Energy	
1	NOI (COS Sch 1, Ln 36)	\$17,616,144	\$1,074,298	\$3,405,012	\$4,882,612	\$8,287,624	\$4,104,657	\$2,908,613	\$1,240,952
2	NOI Ratio (Based on Ln 1)	100.0000%	6.0984%	19.3289%	27.7167%	47.0456%	23.3005%	16.5111%	7.0444%
3	Rate Base (COS Sch 1, Ln 38)	\$217,680,826	\$13,274,985	\$42,075,370	\$60,333,924	\$102,409,294	\$50,720,811	\$35,941,422	\$15,334,314
4	Rate Base Ratio (Based on Ln 3)	100.0000%	6.0984%	19.3289%	27.7167%	47.0456%	23.3005%	16.5111%	7.0444%
5	Rate of Return (Ln 1 / Ln 3)	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%

<div>PART B</div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
6	Change in NOI (Item 45b, Pg 2, Col 2, Ln 20)	\$32,147							
7	Allocated on NOI Ratio (Ln 2)	\$32,148	\$1,960	\$6,214	\$8,910	\$15,124	\$7,491	\$5,308	\$2,265
8	Annualized NOI (Ln 1 + Ln 7)	\$17,648,291	\$1,076,258	\$3,411,226	\$4,891,522	\$8,302,748	\$4,112,148	\$2,913,921	\$1,243,217
9	Annualized Rate of Return (Ln 8 / Ln 3)	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%	8.11%

<div><div>PART C</div></div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Production		Combined			
				Demand	Energy				
10	NOI After All Adjustments and Increase	\$17,668,436 *							
11	Allocated on NOI Ratio	\$17,668,436	\$1,077,487	\$3,415,120	\$4,897,106	\$8,312,225	\$4,116,841	\$2,917,247	\$1,244,636
12	Final Rate Base After All Adjustments	\$209,003,926 #							
13	Allocated on Rate Base Ratio	\$209,003,925	\$12,745,836	\$40,398,218	\$57,928,974	\$98,327,192	\$48,699,046	\$34,508,773	\$14,723,078
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%	8.45%
* Total from NCUC Form E-1, Item 45c, Page 3, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 3, Column 7, Line 21									

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
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CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
	Energy	58.9145%		Demand					
	Demand	41.0855%		Production		Transmission	Distribution		
	Total		Customer	Demand	Energy	Combined		Energy	
1	NOI (COS Sch 1, Ln 36)	\$8,721,262	\$20,612	\$1,884,048	\$2,701,628	\$4,585,676	\$2,264,483	\$1,053,775	\$796,716
2	NOI Ratio (Based on Ln 1)	100.0000%	0.2363%	21.6029%	30.9775%	52.5804%	25.9651%	12.0828%	9.1353%
3	Rate Base (COS Sch 1, Ln 38)	\$131,715,939	\$311,294	\$28,454,497	\$40,802,289	\$69,256,786	\$34,200,160	\$15,915,013	\$12,032,685
4	Rate Base Ratio (Based on Ln 3)	100.0000%	0.2363%	21.6029%	30.9775%	52.5804%	25.9651%	12.0828%	9.1353%
5	Rate of Return (Ln 1 / Ln 3)	6.62%	6.62%	6.62%	6.62%	6.62%	6.62%	6.62%	6.62%

<div>PART B</div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
6	Change in NOI (Item 45b, Pg 3, Col 2, Ln 20)	\$286,948							
7	Allocated on NOI Ratio (Ln 2)	\$286,948	\$678	\$61,989	\$88,889	\$150,879	\$74,506	\$34,671	\$26,214
8	Annualized NOI (Ln 1 + Ln 7)	\$9,008,210	\$21,290	\$1,946,037	\$2,790,517	\$4,736,555	\$2,338,989	\$1,088,446	\$822,930
9	Annualized Rate of Return (Ln 8 / Ln 3)	6.84%	6.84%	6.84%	6.84%	6.84%	6.84%	6.84%	6.84%

<div>PART C</div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Production		Combined			
				Demand	Energy				
10	NOI After All Adjustments and Increase	\$11,176,760 *							
11	Allocated on NOI Ratio	\$11,176,759	\$26,415	\$2,414,507	\$3,462,279	\$5,876,786	\$2,902,055	\$1,350,469	\$1,021,034
12	Final Rate Base After All Adjustments	\$124,257,876 #							
13	Allocated on Rate Base Ratio	\$124,257,876	\$293,668	\$26,843,337	\$38,491,969	\$65,335,306	\$32,263,667	\$15,013,868	\$11,351,367
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%
* Total from NCUC Form E-1, Item 45c, Page 5, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 5, Column 7, Line 21									



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CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		SCHEDULE NS CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
		Energy		Demand					
		Demand		Production		Transmission		Distribution	
		Total	Customer	Demand	Energy	Combined			Energy
1	NOI (COS Sch 1, Ln 36)	\$5,683,186	\$1,777	\$1,370,501	\$1,965,227	\$3,335,728	\$1,639,629	\$0	\$706,053
2	NOI Ratio (Based on Ln 1)	100.0000%	0.0313%	24.1150%	34.5797%	58.6947%	28.8505%	0.0000%	12.4235%
3	Rate Base (COS Sch 1, Ln 38)	\$131,556,266	\$41,126	\$31,724,797	\$45,491,732	\$77,216,529	\$37,954,671	\$0	\$16,343,940
4	Rate Base Ratio (Based on Ln 3)	100.0000%	0.0313%	24.1150%	34.5797%	58.6947%	28.8505%	0.0000%	12.4235%
5	Rate of Return (Ln 1 / Ln 3)	4.32%	4.32%	4.32%	4.32%	4.32%	4.32%	#DIV/0!	4.32%

<div>PART B</div>		SCHEDULE NS CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Demand	Energy	Combined			
6	Change in NOI (Item 45b, Pg 4, Col 2, Ln 20)	\$2,298							
7	Allocated on NOI Ratio (Ln 2)	\$2,298	\$1	\$554	\$795	\$1,349	\$663	\$0	\$285
8	Annualized NOI (Ln 1 + Ln 7)	\$5,685,484	\$1,778	\$1,371,055	\$1,966,022	\$3,337,077	\$1,640,292	\$0	\$706,338
9	Annualized Rate of Return (Ln 8 / Ln 3)	4.32%	4.32%	4.32%	4.32%	4.32%	4.32%	#DIV/0!	4.32%

<div>PART C</div>		SCHEDULE NS CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Demand	Energy	Combined			
10	NOI After All Adjustments and Increase	\$7,042,673 *							
11	Allocated on NOI Ratio	\$7,042,674	\$2,202	\$1,698,341	\$2,435,333	\$4,133,675	\$2,031,848	\$0	\$874,949
12	Final Rate Base After All Adjustments	\$121,598,868 #							
13	Allocated on Rate Base Ratio	\$121,598,868	\$38,013	\$29,323,570	\$42,048,496	\$71,372,066	\$35,081,910	\$0	\$15,106,879
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	5.79%	5.79%	5.79%	5.79%	5.79%	5.79%	#DIV/0!	5.79%
* Total from NCUC Form E-1, Item 45c, Page 7, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 7, Column 7, Line 21									

\* Total from NCUC Form E-1, Item 45c, Page 7, Column 7, Line 20  
# Total from NCUC Form E-1, Item 45c, Page 7, Column 7, Line 21

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
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CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
	Energy	58.9145%		Demand					
	Demand	41.0855%		Production		Transmission		Distribution	
		Total	Customer	Demand	Energy	Combined			Energy
1	NOI (COS Sch 1, Ln 36)	\$2,869,858	\$2,399	\$624,314	\$895,235	\$1,519,549	\$749,720	\$322,953	\$275,237
2	NOI Ratio (Based on Ln 1)	100.0000%	0.0836%	21.7542%	31.1944%	52.9486%	26.1239%	11.2533%	9.5906%
3	Rate Base (COS Sch 1, Ln 38)	\$51,176,698	\$42,784	\$11,133,073	\$15,964,256	\$27,097,329	\$13,369,370	\$5,759,056	\$4,908,159
4	Rate Base Ratio (Based on Ln 3)	100.0000%	0.0836%	21.7542%	31.1944%	52.9486%	26.1239%	11.2533%	9.5906%
5	Rate of Return (Ln 1 / Ln 3)	5.61%	5.61%	5.61%	5.61%	5.61%	5.61%	5.61%	5.61%

<div><div>PART B</div></div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production			Transmission	Distribution	
				Demand	Energy	Combined			
6	Change in NOI (Item 45b, Pg 5, Col 2, Ln 20)	\$251,383							
7	Allocated on NOI Ratio (Ln 2)	\$251,383	\$210	\$54,686	\$78,417	\$133,104	\$65,671	\$28,289	\$24,109
8	Annualized NOI (Ln 1 + Ln 7)	\$3,121,241	\$2,609	\$679,000	\$973,652	\$1,652,653	\$815,391	\$351,242	\$299,346
9	Annualized Rate of Return (Ln 8 / Ln 3)	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%

<div>PART C</div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Demand	Energy	Combined			
10	NOI After All Adjustments and Increase	\$3,999,373 *							
11	Allocated on NOI Ratio	\$3,999,374	\$3,344	\$870,031	\$1,247,580	\$2,117,611	\$1,044,794	\$450,061	\$383,564
12	Final Rate Base After All Adjustments	\$48,100,506 #							
13	Allocated on Rate Base Ratio	\$48,100,504	\$40,212	\$10,463,873	\$15,004,657	\$25,468,529	\$12,565,747	\$5,412,883	\$4,613,133
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	8.31%	8.32%	8.31%	8.31%	8.31%	8.31%	8.31%	8.31%
* Total from NCUC Form E-1, Item 45c, Page 9, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 9, Column 7, Line 21									

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

PART A		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
		Energy			Demand					
		Demand			Production			Transmission	Distribution	
			Total	Customer	Demand	Energy	Combined			Energy
1	NOI (COS Sch 1, Ln 36)		\$594,375	\$480,849	\$20,815	\$29,848	\$50,663	\$24,811	\$25,547	\$12,505
2	NOI Ratio (Based on Ln 1)		100.0000%	80.9000%	3.5020%	5.0218%	8.5238%	4.1743%	4.2981%	2.1038%
3	Rate Base (COS Sch 1, Ln 38)		\$20,965,715	\$16,961,254	\$734,231	\$1,052,850	\$1,787,081	\$875,181	\$901,117	\$441,082
4	Rate Base Ratio (Based on Ln 3)		100.0000%	80.9000%	3.5021%	5.0218%	8.5238%	4.1743%	4.2980%	2.1038%
5	Rate of Return (Ln 1 / Ln 3)		2.83%	2.83%	2.83%	2.84%	2.83%	2.83%	2.83%	2.83%

<div>PART B</div>		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Demand							
				Production		Transmission		Distribution	
		Total	Customer	Demand	Energy	Combined			Energy
6	Change in NOI (Item 45b, Pg 6, Col 2, Ln 20)	\$116,011							
7	Allocated on NOI Ratio (Ln 2)	\$116,012	\$93,853	\$4,063	\$5,826	\$9,889	\$4,843	\$4,986	\$2,441
8	Annualized NOI (Ln 1 + Ln 7)	\$710,386	\$574,702	\$24,878	\$35,674	\$60,552	\$29,654	\$30,533	\$14,946
9	Annualized Rate of Return (Ln 8 / Ln 3)	3.39%	3.39%	3.39%	3.39%	3.39%	3.39%	3.39%	3.39%

<div>PART C</div>		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Production		Combined			
				Demand	Energy				
10	NOI After All Adjustments and Increase	\$950,443 *							
11	Allocated on NOI Ratio	\$950,444	\$768,908	\$33,285	\$47,730	\$81,014	\$39,675	\$40,851	\$19,996
12	Final Rate Base After All Adjustments	\$21,842,102 #							
13	Allocated on Rate Base Ratio	\$21,842,101	\$17,670,251	\$764,923	\$1,096,860	\$1,861,782	\$911,765	\$938,784	\$459,519
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%	4.35%
* Total from NCUC Form E-1, Item 45c, Page 11, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 11, Column 7, Line 21									

DOMINION ENERGY NORTH CAROLINA  
SUMMER WINTER PEAK & AVERAGE STUDY  
EOP - PERIOD ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, Sub 562  
CUSTOMER, DEMAND, AND ENERGY UNIT COSTS

<div><div>PART A</div></div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS							
	Energy	58.9145%	Demand						
	Demand	41.0855%	Production			Transmission		Distribution	
	Total	Customer	Demand	Energy	Combined			Energy	
1	NOI (COS Sch 1, Ln 36)	\$11,607	\$4,510	\$1,593	\$2,285	\$3,878	\$1,922	\$628	\$670
2	NOI Ratio (Based on Ln 1)	100.0000%	38.8564%	13.7241%	19.6844%	33.4085%	16.5568%	5.4087%	5.7697%
3	Rate Base (COS Sch 1, Ln 38)	\$167,482	\$65,077	\$22,989	\$32,964	\$55,953	\$27,730	\$9,059	\$9,663
4	Rate Base Ratio (Based on Ln 3)	100.0000%	38.8564%	13.7263%	19.6822%	33.4085%	16.5568%	5.4087%	5.7697%
5	Rate of Return (Ln 1 / Ln 3)	6.93%	6.93%	6.93%	6.93%	6.93%	6.93%	6.93%	6.93%

<div><div>PART B</div></div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Demand							
		Production			Transmission		Distribution		
		Demand	Energy	Combined	Energy				
	Total	Customer							
6	Change in NOI (Item 45b, Pg 7, Col 2, Ln 20)	(\$832)							
7	Allocated on NOI Ratio (Ln 2)	(\$832)	(\$323)	(\$114)	(\$164)	(\$278)	(\$138)	(\$45)	
8	Annualized NOI (Ln 1 + Ln 7)	\$10,775	\$4,187	\$1,479	\$2,121	\$3,600	\$1,784	\$583	
9	Annualized Rate of Return (Ln 8 / Ln 3)	6.43%	6.43%	6.43%	6.43%	6.43%	6.43%	6.43%	

<div>PART C</div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE FOR TEST YEAR							
		Demand							
		Production			Transmission		Distribution		
		Total	Customer	Demand	Energy	Combined			Energy
10	NOI After All Adjustments and Increase	\$12,388 *							
11	Allocated on NOI Ratio	\$12,389	\$4,814	\$1,700	\$2,439	\$4,139	\$2,051	\$670	\$715
12	Final Rate Base After All Adjustments	\$165,732 #							
13	Allocated on Rate Base Ratio	\$165,731	\$64,397	\$22,749	\$32,620	\$55,368	\$27,440	\$8,964	\$9,562
14	ROR based on Proposed Rev. (Ln 11/ Ln 13)	7.47%	7.48%	7.47%	7.48%	7.48%	7.47%	7.47%	7.48%
* Total from NCUC Form E-1, Item 45c, Page 13, Column 7, Line 20									
# Total from NCUC Form E-1, Item 45c, Page 13, Column 7, Line 21									

<b>PART A</b>			<b>RESIDENTIAL CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - PER BOOKS</b>						
	Energy Demand			<b>Demand</b>			Transmission	Distribution	
		Total	Customer	Demand	Energy	Combined			Energy
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$174,934,778	\$20,156,859	\$27,423,932	\$39,324,512	\$66,748,444	\$15,944,335	\$27,845,082	\$44,240,058
2	NOI (COS Sch 1, Ln 36)	\$40,860,712	\$4,516,895	\$7,113,467	\$10,200,346	\$17,313,813	\$8,621,301	\$8,418,154	\$1,990,549
3	NOI Ratio (Based on Ln 1)	100.0000%	11.0544%	17.4091%	24.9637%	42.3728%	21.0992%	20.6021%	4.8715%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$33,434,224)							(\$33,434,224)
5	Removal of Rider Revenues (on NOI Ratio)	(\$2,644,988)	(\$292,387)	(\$460,468)	(\$660,287)	(\$1,120,755)	(\$558,072)	(\$544,922)	(\$128,852)
6	Removal of Facilities Charges (on NOI Ratio)	(\$127)	(\$14)	(\$22)	(\$32)	(\$54)	(\$27)	(\$26)	(\$6)
7	Removal of Load Management (assigned to production)	\$0		\$0	\$0	\$0			
8	COS Per Books Base Rate Revenue	\$138,855,439	\$19,864,459	\$26,963,442	\$38,664,194	\$65,627,636	\$15,386,235	\$27,300,133	\$10,676,976

<b>PART B</b>			<b>RESIDENTIAL CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR</b>						
		Total	Customer	<b>Demand</b>			Transmission	Distribution	Energy
				Demand	Energy	Combined			
9	Annualized Rate Revenue Adjustment	\$2,142,813							
10	Allocated on NOI Ratio (Ln 3)	\$2,142,813	\$236,875	\$373,044	\$534,925	\$907,969	\$452,117	\$441,464	\$104,388
11	Total Revenues (Ln 8 + Ln 10)	\$140,998,252	\$20,101,333	\$27,336,486	\$39,199,119	\$66,535,605	\$15,838,353	\$27,741,597	\$10,781,364
12	Annualized Billing Units		1,237,908	1,694,005,997	1,694,005,997	1,694,005,997	1,694,005,997	1,694,005,997	1,694,005,997
13	Unit Costs based on Annualized Revenues		\$16.24 per month	\$0.016137 per kWh	\$0.023140 per kWh	\$0.039277 per kWh	\$0.009350 per kWh	\$0.016376 per kWh	\$0.006364 per kWh

<b>PART C</b>			<b>RESIDENTIAL CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH</b>						
		Total	Customer	<b>Demand</b>			Transmission	Distribution	Energy
				Demand	Energy	Combined			
14	Fully Adjusted Rate Revenue Adjustment	(7,068,818)							
15	Allocated on NOI Ratio (Ln 3)	(7,068,818)	(781,413)	(1,230,615)	(1,764,639)	(2,995,254)	(1,491,467)	(1,456,323)	(344,361)
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$131,786,621	\$19,083,045	\$25,732,827	\$36,899,555	\$62,632,382	\$13,894,768	\$25,843,810	\$10,332,615
17	Fully Adjusted Billing Units		1,240,872	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839
18	Unit Costs based on Fully Adjusted Cost of Service		\$15.38 per month	\$0.016377 per kWh	\$0.023484 per kWh	\$0.039861 per kWh	\$0.008843 per kWh	\$0.016448 per kWh	\$0.006576 per kWh

<b>PART D</b>			<b>RESIDENTIAL CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE</b>						
		Total	Customer	<b>Demand</b>			Transmission	Distribution	Energy
				Demand	Energy	Combined			
19	Proposed Rate Revenue Adjustment	\$6,466,762							
20	Allocated on NOI Ratio (Ln 3)	\$6,466,762	\$714,860	\$1,125,803	\$1,614,343	\$2,740,146	\$1,364,438	\$1,332,287	\$315,031
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$138,253,383	\$19,797,905	\$26,858,630	\$38,513,898	\$65,372,528	\$15,259,206	\$27,176,097	\$10,647,646
22	Fully Adjusted Billing Units		1,240,872	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839	1,571,287,839
23	Unit Costs based on Proposed Revenue Requirement		\$15.95 per month	\$0.017093 per kWh	\$0.024511 per kWh	\$0.041604 per kWh	\$0.009711 per kWh	\$0.017295 per kWh	\$0.006776 per kWh

<div>PART A</div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
		Energy			Demand					
					Production		Transmission	Distribution		
		Total	Customer		Demand	Energy	Combined		Energy	
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$72,363,896	\$5,187,132		\$11,324,614	\$16,238,917	\$27,563,531	\$7,157,620	\$8,332,855	\$24,122,757
2	NOI (COS Sch 1, Ln 36)	\$17,616,144	\$1,074,298		\$3,405,012	\$4,882,612	\$8,287,624	\$4,104,657	\$2,908,613	\$1,240,952
3	NOI Ratio (Based on Ln 1)	100.0000%	6.0984%		19.3289%	27.7167%	47.0456%	23.3005%	16.5111%	7.0444%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$16,394,082)								(\$16,394,082)
5	Removal of Rider Revenues (on NOI Ratio)	(\$1,870,083)	(\$114,045)		(\$361,467)	(\$518,325)	(\$879,792)	(\$435,739)	(\$308,771)	(\$131,736)
6	Removal of Facilities Charges (on NOI Ratio)	(\$532,061)	(\$32,447)		(\$102,842)	(\$147,470)	(\$250,311)	(\$123,973)	(\$87,849)	(\$37,481)
7	Removal of Load Management (assigned to production)	\$0			\$0	\$0	\$0			
8	COS Per Books Base Rate Revenue	\$53,567,670	\$5,040,641		\$10,860,305	\$15,573,122	\$26,433,427	\$6,597,908	\$7,936,236	\$7,559,459

<div><div>PART B</div></div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand			Transmission	Distribution	Energy
				Production					
				Demand	Energy	Combined			
9	Annualized Rate Revenue Adjustment	\$30,407							
10	Allocated on NOI Ratio (Ln 3)	\$30,407	\$1,854	\$5,877	\$8,428	\$14,305	\$7,085	\$5,021	\$2,142
11	Total Revenues (Ln 8 + Ln 10)	\$53,598,077	\$5,042,495	\$10,866,183	\$15,581,550	\$26,447,732	\$6,604,993	\$7,941,256	\$7,561,601
12	Annualized Billing Units		214,068	831,509,000	831,509,000	831,509,000	831,509,000	831,509,000	831,509,000
13	Unit Costs based on Annualized Revenues		\$23.56 per month	\$0.013068 per kWh	\$0.018739 per kWh	\$0.031807 per kWh	\$0.007943 per kWh	\$0.009550 per kWh	\$0.009094 per kWh

<div>PART C</div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
14	Fully Adjusted Rate Revenue Adjustment	(\$2,300,223)							
15	Allocated on NOI Ratio (Ln 3)	(\$2,300,223)	(\$140,276)	(\$444,608)	(\$637,546)	(\$1,082,154)	(\$535,964)	(\$379,791)	(\$162,037)
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$51,267,447	\$4,900,364	\$10,415,697	\$14,935,576	\$25,351,273	\$6,061,943	\$7,556,445	\$7,397,422
17	Fully Adjusted Billing Units		214,416	792,504,930	792,504,930	792,504,930	792,504,930	792,504,930	792,504,930
18	Unit Costs based on Fully Adjusted Cost of Service		\$22.85 per month	\$0.013143 per kWh	\$0.018846 per kWh	\$0.031989 per kWh	\$0.007649 per kWh	\$0.009535 per kWh	\$0.009334 per kWh

<div>PART D</div>		SGS, COUNTY, & MUNI CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
19	Proposed Rate Revenue Adjustment	\$806,375							
20	Allocated on NOI Ratio (Ln 3)	\$806,375	\$49,176	\$155,864	\$223,500	\$379,364	\$187,890	\$133,141	\$56,804
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$52,073,822	\$4,949,540	\$10,571,560	\$15,159,077	\$25,730,637	\$6,249,833	\$7,689,586	\$7,454,226
22	Fully Adjusted Billing Units		214,416	792,504,930	792,504,930	792,504,930	792,504,930	792,504,930	792,504,930
23	Unit Costs based on Proposed Revenue Requirement		\$23.08 per month	\$0.013339 per kWh	\$0.019128 per kWh	\$0.032467 per kWh	\$0.007886 per kWh	\$0.009703 per kWh	\$0.009406 per kWh

PART A		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
		Energy			Demand					
		Demand			Production		Transmission	Distribution		
		Total	Customer		Demand	Energy	Combined		Energy	
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$42,648,768	\$120,972		\$7,097,279	\$10,177,135	\$17,274,414	\$4,149,853	\$3,399,421	\$17,704,109
2	NOI (COS Sch 1, Ln 36)	\$8,721,262	\$20,612		\$1,884,048	\$2,701,628	\$4,585,676	\$2,264,483	\$1,053,775	\$796,716
3	NOI Ratio (Based on Ln 1)	100.0000%	0.2363%		21.6029%	30.9775%	52.5804%	25.9651%	12.0828%	9.1353%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$12,880,462)								(\$12,880,462)
5	Removal of Rider Revenues (on NOI Ratio)	(\$425,690)	(\$1,006)		(\$91,962)	(\$131,868)	(\$223,830)	(\$110,531)	(\$51,435)	(\$38,888)
6	Removal of Facilities Charges (on NOI Ratio)	(\$386,284)	(\$913)		(\$83,449)	(\$119,661)	(\$203,110)	(\$100,299)	(\$46,674)	(\$35,288)
7	Removal of Load Management (assigned to production)	\$12,007			\$4,933	\$7,074	\$12,007			
8	COS Per Books Base Rate Revenue	\$28,968,338	\$119,053		\$6,926,802	\$9,932,679	\$16,859,481	\$3,939,023	\$3,301,311	\$4,749,470

<div>PART B</div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy			Combined	
9	Annualized Rate Revenue Adjustment	\$491,348							
10	Allocated on NOI Ratio (Ln 3)	\$491,348	\$1,161	\$106,146	\$152,207	\$258,353	\$127,579	\$59,369	\$44,886
11	Total Revenues (Ln 8 + Ln 10)	\$29,459,686	\$120,214	\$7,032,947	\$10,084,887	\$17,117,834	\$4,066,602	\$3,360,680	\$4,794,356
12	Annualized Billing Units		696	1,279,918	658,729,998	1,279,918	1,761,554	1,761,554	658,729,998
13	Unit Costs based on Annualized Revenues		\$172.72 per month	\$5.494842 per kW	\$0.015310 per kWh	\$13.374165 per kW	\$2.308531 per kW	\$1.907793 per kW	\$0.007278 per kWh

<div>PART C</div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
14	Fully Adjusted Rate Revenue Adjustment	\$1,802,396							
15	Allocated on NOI Ratio (Ln 3)	\$1,802,396	\$4,260	\$389,370	\$558,337	\$947,708	\$467,994	\$217,781	\$164,655
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$30,770,735	\$123,313	\$7,316,172	\$10,491,017	\$17,807,189	\$4,407,017	\$3,519,092	\$4,914,124
17	Fully Adjusted Billing Units		672	1,338,623	688,943,531	1,338,623	1,842,350	1,842,350	688,943,531
18	Unit Costs based on Fully Adjusted Cost of Service		\$183.50 per month	\$5.465446 per kW	\$0.015228 per kWh	\$13.302617 per kW	\$2.392063 per kW	\$1.910110 per kW	\$0.007133 per kWh

<div>PART D</div>		LARGE GENERAL SERVICE CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy			Combined	
19	Proposed Rate Revenue Adjustment	\$360,831							
20	Allocated on NOI Ratio (Ln 3)	\$360,831	\$853	\$77,950	\$111,776	\$189,726	\$93,690	\$43,599	\$32,963
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$31,131,566	\$124,166	\$7,394,122	\$10,602,793	\$17,996,915	\$4,500,707	\$3,562,690	\$4,947,088
22	Fully Adjusted Billing Units		672	1,338,623	688,943,531	1,338,623	1,842,350	1,842,350	688,943,531
23	Unit Costs based on Proposed Revenue Requirement		\$184.77 per month	\$5.523678 per kW	\$0.015390 per kWh	\$13.444349 per kW	\$2.442916 per kW	\$1.933775 per kW	\$0.007181 per kWh

<b>PART A</b>			<b>SCHEDULE NS CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - PER BOOKS</b>						
	Energy Demand			<b>Demand</b>			Transmission	Distribution	
	58.9145%	41.0855%							
	Total	Customer		Demand	Energy	Combined			Energy
1 COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$43,029,576	\$14,561		\$6,934,528	\$9,943,757	\$16,878,285	\$3,431,294	\$0	\$22,705,435
2 NOI (COS Sch 1, Ln 36)	\$5,683,186	\$1,777		\$1,370,501	\$1,965,227	\$3,335,728	\$1,639,629	\$0	\$706,053
3 NOI Ratio (Based on Ln 1)	100.0000%	0.0313%		24.1150%	34.5797%	58.6947%	28.8505%	0.0000%	12.4235%
4 Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$17,497,696)								(\$17,497,696)
5 Removal of Rider Revenues (on NOI Ratio)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
6 Removal of Facilities Charges (on NOI Ratio)	(\$8,434)	(\$3)		(\$2,034)	(\$2,916)	(\$4,950)	(\$2,433)	\$0	(\$1,048)
7 Removal of Load Management (assigned to production)	\$0			\$0	\$0	\$0			
8 COS Per Books Base Rate Revenue	\$25,523,446	\$14,559		\$6,932,494	\$9,940,841	\$16,873,335	\$3,428,861	\$0	\$5,206,691

<b>PART B</b>			<b>SCHEDULE NS CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR</b>						
				<b>Demand</b>			Transmission	Distribution	
	Total	Customer		Demand	Energy	Combined			Energy
9 Annualized Rate Revenue Adjustment	\$5,078								
10 Allocated on NOI Ratio (Ln 3)	\$5,078	\$2		\$1,225	\$1,756	\$2,981	\$1,465	\$0	\$631
11 Total Revenues (Ln 8 + Ln 10)	\$25,528,524	\$14,560		\$6,933,719	\$9,942,597	\$16,876,316	\$3,430,326	\$0	\$5,207,322
12 Annualized Billing Units		12		2,017,526	918,042,000	918,042,000	2,017,526	2,017,526	918,042,000
13 Unit Costs based on Annualized Revenues		\$1,213.35 per month		\$3.436743 per kW	\$0.010830 per kWh	\$0.018383 per kWh	\$1.700264 per kW	\$0.000000 per kW	\$0.005672 per kWh

<b>PART C</b>			<b>SCHEDULE NS CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH</b>						
				<b>Demand</b>			Transmission	Distribution	
	Total	Customer		Demand	Energy	Combined			Energy
14 Fully Adjusted Rate Revenue Adjustment	\$121,968								
15 Allocated on NOI Ratio (Ln 3)	\$121,968	\$38		\$29,413	\$42,176	\$71,589	\$35,189	\$0	\$15,153
16 Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$25,645,414	\$14,597		\$6,961,907	\$9,983,017	\$16,944,924	\$3,464,050	\$0	\$5,221,844
17 Fully Adjusted Billing Units		12		2,026,764	922,245,529	922,245,529	2,026,764	2,026,764	922,245,529
18 Unit Costs based on Fully Adjusted Cost of Service		\$1,216.40 per month		\$3.434986 per kW	\$0.010825 per kWh	\$0.018374 per kWh	\$1.709153 per kW	\$0.000000 per kW	\$0.005662 per kWh

<b>PART D</b>			<b>SCHEDULE NS CLASS - CUSTOMER, DEMAND &amp; ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE</b>						
				<b>Demand</b>			Transmission	Distribution	
	Total	Customer		Demand	Energy	Combined			Energy
19 Proposed Rate Revenue Adjustment	\$508,308								
20 Allocated on NOI Ratio (Ln 3)	\$508,308	\$159		\$122,579	\$175,771	\$298,350	\$146,650	\$0	\$63,150
21 Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$26,153,722	\$14,756		\$7,084,485	\$10,158,788	\$17,243,274	\$3,610,699	\$0	\$5,284,994
22 Fully Adjusted Billing Units		12		2,026,764	922,245,529	922,245,529	2,026,764	2,026,764	922,245,529
23 Unit Costs based on Proposed Revenue Requirement		\$1,229.64 per month		\$3.495466 per kW	\$0.011015 per kWh	\$0.018697 per kWh	\$1.781509 per kW	\$0.000000 per kW	\$0.005731 per kWh



<div><div>PART A</div></div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
		Energy			Demand					
		Demand			Production		Transmission	Distribution		
		Total	Customer		Demand	Energy	Combined		Energy	
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$15,918,199	\$15,363		\$2,625,889	\$3,765,390	\$6,391,279	\$1,440,071	\$1,155,747	\$6,915,739
2	NOI (COS Sch 1, Ln 36)	\$2,869,858	\$2,399		\$624,314	\$895,235	\$1,519,549	\$749,720	\$322,953	\$275,237
3	NOI Ratio (Based on Ln 1)	100.0000%	0.0836%		21.7542%	31.1944%	52.9486%	26.1239%	11.2533%	9.5906%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$5,264,928)								(\$5,264,928)
5	Removal of Rider Revenues (on NOI Ratio)	(\$669)	(\$1)		(\$146)	(\$209)	(\$354)	(\$175)	(\$75)	(\$64)
6	Removal of Facilities Charges (on NOI Ratio)	(\$249,448)	(\$209)		(\$54,265)	(\$77,814)	(\$132,079)	(\$65,166)	(\$28,071)	(\$23,924)
7	Removal of Load Management (assigned to production)	\$0			\$0	\$0	\$0			
8	COS Per Books Base Rate Revenue	\$10,403,155	\$15,154		\$2,571,478	\$3,687,368	\$6,258,846	\$1,374,730	\$1,127,601	\$1,626,823

<div>PART B</div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
9	Annualized Rate Revenue Adjustment	\$407,134							
10	Allocated on NOI Ratio (Ln 3)	\$407,134	\$340	\$88,569	\$127,003	\$215,572	\$106,359	\$45,816	\$39,047
11	Total Revenues (Ln 8 + Ln 10)	\$10,810,289	\$15,494	\$2,660,047	\$3,814,371	\$6,474,418	\$1,481,090	\$1,173,417	\$1,665,870
12	Annualized Billing Units		36	54,788,770	219,055,231	273,844,001	837,879	837,879	273,844,001
13	Unit Costs based on Annualized Revenues		\$430.40 per month	\$0.048551 per kWh	\$0.017413 per kWh	\$0.023643 per kWh	\$1.767666 per kW	\$1.400461 per kW	\$0.006083 per kWh

<div>PART C</div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy			Combined	
14	Fully Adjusted Rate Revenue Adjustment	\$967,792							
15	Allocated on NOI Ratio (Ln 3)	\$967,792	\$809	\$210,535	\$301,897	\$512,432	\$252,826	\$108,908	\$92,817
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$11,370,947	\$15,963	\$2,782,013	\$3,989,265	\$6,771,278	\$1,627,556	\$1,236,509	\$1,719,641
17	Fully Adjusted Billing Units		36	57,631,701	230,421,776	288,053,477	881,356	881,356	288,053,477
18	Unit Costs based on Fully Adjusted Cost of Service		\$443.42 per month	\$0.048272 per kWh	\$0.017313 per kWh	\$0.023507 per kWh	\$1.846650 per kW	\$1.402962 per kW	\$0.005970 per kWh

<div>PART D</div>		6VP CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
19	Proposed Rate Revenue Adjustment	\$160,279							
20	Allocated on NOI Ratio (Ln 3)	\$160,279	\$134	\$34,867	\$49,998	\$84,865	\$41,871	\$18,037	\$15,372
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$11,531,226	\$16,097	\$2,816,881	\$4,039,263	\$6,856,144	\$1,669,427	\$1,254,546	\$1,735,012
22	Fully Adjusted Billing Units		36	57,631,701	230,421,776	288,053,477	881,356	881,356	288,053,477
23	Unit Costs based on Proposed Revenue Requirement		\$447.14 per month	\$0.048877 per kWh	\$0.017530 per kWh	\$0.023802 per kWh	\$1.894158 per kW	\$1.423427 per kW	\$0.006023 per kWh

PART A		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
	Energy Demand	58.9145%	Total	Customer	Demand			Transmission	Distribution	Energy
		41.0855%			Production		Combined			
					Demand	Energy				
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)		\$5,019,310	\$3,848,680	\$145,987	\$209,339	\$355,326	\$61,641	\$144,940	\$608,724
2	NOI (COS Sch 1, Ln 36)		\$594,375	\$480,849	\$20,815	\$29,848	\$50,663	\$24,811	\$25,547	\$12,505
3	NOI Ratio (Based on Ln 1)		100.0000%	80.9000%	3.5020%	5.0218%	8.5238%	4.1743%	4.2981%	2.1038%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)		(\$476,207)							(\$476,207)
5	Removal of Rider Revenues (on NOI Ratio)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Removal of Facilities Charges (on NOI Ratio)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Removal of Load Management (assigned to production)		\$0		\$0	\$0	\$0			
8	COS Per Books Base Rate Revenue		\$4,543,103	\$3,848,680	\$145,987	\$209,339	\$355,326	\$61,641	\$144,940	\$132,516

<div>PART B</div>		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy			Combined	
9	Annualized Rate Revenue Adjustment	\$160,008							
10	Allocated on NOI Ratio (Ln 3)	\$160,008	\$129,446	\$5,603	\$8,035	\$13,639	\$6,679	\$6,877	\$3,366
11	Total Revenues (Ln 8 + Ln 10)	\$4,703,111	\$3,978,126	\$151,590	\$217,374	\$368,965	\$68,320	\$151,818	\$135,883
12	Annualized Billing Units		334,932	24,128,000	24,128,000	24,128,000	24,128,000	24,128,000	24,128,000
13	Unit Costs based on Annualized Revenues		\$11.88 per month	\$0.006283 per kWh	\$0.009009 per kWh	\$0.015292 per kWh	\$0.002832 per kWh	\$0.006292 per kWh	\$0.005632 per kWh

<div>PART C</div>		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
14	Fully Adjusted Rate Revenue Adjustment	\$148,155							
15	Allocated on NOI Ratio (Ln 3)	\$148,155	\$119,857	\$5,188	\$7,440	\$12,628	\$6,184	\$6,368	\$3,117
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$4,691,258	\$3,968,537	\$151,175	\$216,779	\$367,954	\$67,825	\$151,308	\$135,633
17	Fully Adjusted Billing Units		327,072	23,561,668	23,561,668	23,561,668	23,561,668	23,561,668	23,561,668
18	Unit Costs based on Fully Adjusted Cost of Service		\$12.13 per month	\$0.006416 per kWh	\$0.009200 per kWh	\$0.015617 per kWh	\$0.002879 per kWh	\$0.006422 per kWh	\$0.005757 per kWh

<div><div>PART D</div></div>		STREET & OUTDOOR LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy			Combined	
19	Proposed Rate Revenue Adjustment	\$176,777							
20	Allocated on NOI Ratio (Ln 3)	\$176,777	\$143,012	\$6,191	\$8,877	\$15,068	\$7,379	\$7,598	\$3,719
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$4,868,035	\$4,111,549	\$157,366	\$225,656	\$383,022	\$75,205	\$158,906	\$139,352
22	Fully Adjusted Billing Units		327,072	23,561,668	23,561,668	23,561,668	23,561,668	23,561,668	23,561,668
23	Unit Costs based on Proposed Revenue Requirement		\$12.57 per month	\$0.006679 per kWh	\$0.009577 per kWh	\$0.016256 per kWh	\$0.003192 per kWh	\$0.006744 per kWh	\$0.005914 per kWh

<div><div>PART A</div></div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - PER BOOKS								
		Energy			Demand					
		Demand			Production		Transmission	Distribution		
		Total	Customer		Demand	Energy	Combined		Energy	
1	COS Per Books Rate Revenue (COS, Sch 2, Ln 25)	\$63,667	\$30,213		\$5,831	\$8,361	\$14,192	\$3,480	\$1,953	\$13,830
2	NOI (COS Sch 1, Ln 36)	\$11,607	\$4,510		\$1,593	\$2,285	\$3,878	\$1,922	\$628	\$670
3	NOI Ratio (Based on Ln 1)	100.0000%	38.8564%		13.7241%	19.6844%	33.4085%	16.5568%	5.4087%	5.7697%
4	Removal of Fuel Revenues (offset by fuel exp & reg fee)	(\$10,401)								(\$10,401)
5	Removal of Rider Revenues (on NOI Ratio)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
6	Removal of Facilities Charges (on NOI Ratio)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
7	Removal of Load Management (assigned to production)	\$0			\$0	\$0	\$0			
8	COS Per Books Base Rate Revenue	\$53,266	\$30,213		\$5,831	\$8,361	\$14,192	\$3,480	\$1,953	\$3,429

<div><div>PART B</div></div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ANNUALIZED REVENUE FOR TEST YEAR						
				Demand				
				Production		Transmission	Distribution	
		Total	Customer	Demand	Energy	Combined		Energy
9	Annualized Rate Revenue Adjustment	(\$1,072)						
10	Allocated on NOI Ratio (Ln 3)	(\$1,072)	(\$417)	(\$147)	(\$211)	(\$358)	(\$177)	(\$58)
11	Total Revenues (Ln 8 + Ln 10)	\$52,194	\$29,796	\$5,684	\$8,150	\$13,834	\$3,302	\$1,895
12	Annualized Billing Units		2,316	525,000	525,000	525,000	525,000	525,000
13	Unit Costs based on Annualized Revenues		\$12.87 per month	\$0.010826 per kWh	\$0.015524 per kWh	\$0.026351 per kWh	\$0.006290 per kWh	\$0.003609 per kWh

<div>PART C</div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR ACCOUNTING ADJUSTMENTS AND CUSTOMER GROWTH						
		Total	Customer	Demand				Energy
				Production		Transmission	Distribution	
				Demand	Energy	Combined		
14	Fully Adjusted Rate Revenue Adjustment	(\$1,941)						
15	Allocated on NOI Ratio (Ln 3)	(\$1,941)	(\$754)	(\$266)	(\$382)	(\$648)	(\$321)	(\$105)
16	Total Non-Fuel Base Rate Revenues (Ln 8 + Ln 15)	\$51,325	\$29,459	\$5,565	\$7,979	\$13,544	\$3,158	\$1,848
17	Fully Adjusted Billing Units		2,304	518,174	518,174	518,174	518,174	518,174
18	Unit Costs based on Fully Adjusted Cost of Service		\$12.79	\$0.010739	\$0.015399	\$0.026138	\$0.006095	\$0.003566
			per month	per kWh	per kWh	per kWh	per kWh	per kWh

<div>PART D</div>		TRAFFIC LIGHTING CLASS - CUSTOMER, DEMAND & ENERGY COS - ADJUSTED FOR PROPOSED REVENUE INCREASE							
		Total	Customer	Demand					Energy
				Production		Transmission	Distribution		
				Demand	Energy	Combined			
19	Proposed Rate Revenue Adjustment	\$767							
20	Allocated on NOI Ratio (Ln 3)	\$767	\$298	\$105	\$151	\$256	\$127	\$41	\$44
21	Total Non-Fuel Base Rate Revenues (Ln 15 + Ln 20)	\$52,092	\$29,757	\$5,670	\$8,130	\$13,800	\$3,285	\$1,889	\$3,361
22	Fully Adjusted Billing Units		2,304	518,174	518,174	518,174	518,174	518,174	518,174
23	Unit Costs based on Proposed Revenue Requirement		\$12.92 per month	\$0.010942 per kWh	\$0.015690 per kWh	\$0.026632 per kWh	\$0.006340 per kWh	\$0.003646 per kWh	\$0.006486 per kWh

**TESTIMONY  
OF  
PAUL B. HAYNES  
IN SUPPORT OF AGREEMENT AND STIPULATION OF SETTLEMENT  
ON BEHALF OF  
DOMINION ENERGY NORTH CAROLINA  
BEFORE THE  
NORTH CAROLINA UTILITIES COMMISSION  
DOCKET NO. E-22, SUB 562**

1   **Q.     Please state your name, business address, and position with Virginia**  
2       **Electric and Power Company.**

3   A.    My name is Paul B. Haynes and my business address is 120 Tredegar Street,  
4       Richmond, Virginia 23219. I am Director – Regulation testifying on behalf of  
5       Virginia Electric and Power Company, which operates in North Carolina as  
6       Dominion Energy North Carolina (“DENC” or the “Company”).

7   **Q.     Have you previously submitted testimony in this proceeding?**

8   A.    Yes. I pre-filed Direct, Supplemental Direct, Additional Supplemental Direct,  
9       and Rebuttal Testimony in support of DENC’s Application in this matter. My  
10       testimony has addressed cost of service, revenue apportionment, and rate  
11       design issues.

12   **Q.     What is the purpose of your testimony?**

13   A.    The purpose of my testimony today is to provide testimony supporting the  
14       Agreement and Stipulation of Settlement (“Stipulation”) as filed today by the  
15       Public Staff – North Carolina Utilities Commission (“Public Staff”) and agreed to  
16       between DENC and the Public Staff (together, the “Stipulating Parties”).

1 Specifically, my testimony in support of the Stipulation addresses cost allocation  
2 revenue apportionment, and rate design issues agreed upon in the Stipulation.

3 **Q. Are you sponsoring any exhibits with your testimony?**

4 A. Yes. I am sponsoring Company Settlement Exhibit PBH-1, which consists of  
5 Settlement Schedule 1 and Form E-1, Item Nos. 39.a and 39.c and 42.a-c, which  
6 was prepared under my supervision and direction, and is accurate and complete  
7 to the best of my knowledge and belief.

8 **Q. Are you familiar with the provisions of the Stipulation reached between the**  
9 **Company and the Public Staff as it relates to cost allocation, revenue**  
10 **apportionment, and rate design issues?**

11 A. Yes.

12 **Q. Do you believe the Stipulation represents a balanced compromise to establish**  
13 **appropriate rates and charges that are fair to all customers in this**  
14 **proceeding?**

15 A. Yes. While other Company witnesses support the reasonableness of the  
16 stipulated non-fuel base revenue increase, I believe the Stipulation in Section  
17 V Cost Allocation, Rate Design, and Terms and Conditions, Paragraph A  
18 presents a just and reasonable approach to establishing the Company's North  
19 Carolina jurisdictional cost of service and class cost of service for the  
20 allocation of production and transmission plant costs and related expenses  
21 based upon using the Summer/Winter Peak and Average ("SWPA") allocation  
22 methodology calculated using the system load factor to weight the average

1 component and (1 - system load factor) to weight the peak demand  
2 component. The Company proposed this methodology in its direct testimony  
3 and defended and supported its use in its rebuttal testimony. Public Staff  
4 Witness Floyd supported this methodology in his direct testimony.

5 Section V, Paragraph A of the Stipulation also identifies two adjustments  
6 made in the course of calculating the SWPA factors. These are: i) the  
7 Company's proposed adjustment to its recorded summer and winter peaks to  
8 recognize the peak demand contributions of non-utility generators  
9 interconnected to the Company's distribution system is appropriate and  
10 reasonable, and ii) the Company's proposed adjustment to remove the demand  
11 and energy requirements of three customers, one wholesale customer,  
12 NCEMC, and two large industrial customers in the Company's Virginia  
13 jurisdiction for whom the obligation to provide generation service has ended  
14 or will end during 2019. The Company proposed these adjustments in its  
15 direct testimony, and Public Staff Witness Floyd agreed with such  
16 adjustments.

17 The Stipulation addresses the apportionment of the revenue requirement and  
18 the design of rates in Section V, Paragraph B. With regard to these matters,  
19 the Stipulation provides the following:

20 1. To the extent possible, the Company shall assign the approved revenue  
21 requirement consistent with the principles regarding revenue apportionment  
22 described in the testimony of Public Staff witness Floyd.

1           2. The Parties agree that the Company shall implement the rate design  
2           proposed by Company witness Haynes within his direct testimony, filed  
3           contemporaneously with the Company's Application in this docket as adjusted  
4           by this Stipulation.

5           3. The Parties agree that all classes should share in the base case revenue  
6           increase.

7           4. In meeting the provisions of (1), (2), and (3) in apportioning the approved  
8           revenue requirement to the customer classes, awareness and consideration is  
9           given to the rate of return indexes for the LGS and 6VP classes being above  
10          1.20 and an appropriate rate of return index for the Schedule NS class.

11          I consider these provisions of Section V, Paragraph B to be reasonable for the  
12          purpose of establishing rates in this proceeding.

13   **Q.     Has Company Witness Miller prepared an updated fully adjusted class**  
14   **cost of service study?**

15   A.     Yes. Company Witness Miller sponsors the updated fully adjusted class cost  
16          of service study in Form E-1, Item No. 45c. and provides a summary of the  
17          results in his Stipulation Schedule 4. Using the results of the fully adjusted  
18          cost of service study, in accordance with the principles explained in my direct  
19          testimony and described further in my rebuttal testimony, and recognizing the  
20          Commission's orders in the Company's last two general rate cases pertaining  
21          to including both base non-fuel and base fuel revenue when considering how  
22          to apportion a change in revenue and calculate class rates of return, I have

1           apportioned the revenue requirement to the customer classes and designed  
2           rates.<sup>1</sup> In the apportionment, I have reviewed the principles regarding revenue  
3           apportionment described in the testimony of Public Staff Witness Floyd and  
4           consider the results of the apportionment that the Company has prepared to  
5           conform with the principles described by Mr. Floyd.

6       **Q.     Do you have a schedule that summarizes the apportionment and final**  
7       **rate design that the Company has prepared?**

8       A.     Yes. Please refer to my Stipulation Schedule 1, Page 1, which provides a  
9           summary of final rate design showing present annualized revenue, proposed  
10          annualized revenue, change and percentage change, based on the Company's  
11          proposed revenue requirement, for the following:

12                   a. Base Non-Fuel Miscellaneous Revenue

13                   b. Base Non-Fuel Rate Schedule Revenue

14                   c. Total Base Non-Fuel Revenue

15                   d. Base Fuel Revenue

16                   e. Total Base Revenue

17                   f. Total Rider EDIT Revenue

18                   g. Total Base Revenue and Rider EDIT Revenue

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<sup>1</sup> Docket No. E-22, Sub 532, Order Approving Rate Increase and Cost Deferrals and Revising PJM Regulatory Conditions, Finding of Fact No. 42, Page 16. Docket No. E-22, Sub 479, Order Granting General Rate Increase, Evidence and Conclusions for Finding of Fact No. 94, Page 120.



1 Pages 2 and 3 of my Stipulation Schedule 1 provide a detailed summary by  
2 rate schedule for the information presented on Page 1.

3 **Q. Has the Company prepared detailed rate design worksheets and**  
4 **calculations supporting the information provided in Settlement Schedule**  
5 **1 referred to above?**

6 A. Yes. The Company provides this information in Form E-1, Item Nos. 39.a  
7 and 39.c and Item 42.a-c accompanying this testimony.

8 **Q. Does Item 39.c include workpapers and the rate design for the**  
9 **Company's proposed Rider EDIT?**

10 A. Yes. Item 39.c includes a workpaper showing the allocation of the Rider  
11 EDIT recovery amount to the customer classes and the design of Rider EDIT  
12 recovery rates.

13 **Q. Is the Company still proposing Rider A1 to become effective November 1,**  
14 **2019?**

15 A. Yes. As discussed in my Additional Supplemental Direct Testimony and as  
16 provided for in Company Additional Supplemental Exhibit PBH-1 Schedule  
17 2, the Company is proposing Rider A1 to mitigate the effect of the November  
18 1, 2019 base non-fuel increase. Rider A1 is calculated to be the difference  
19 between the proposed February 1, 2020 Fuel EMF rate for each customer  
20 class as calculated on Page 1 in my Additional Supplemental Schedule 2, and  
21 the current EMF Rider B rates that became effective February 1, 2019.

- 1    **Q.**     **Does this conclude your testimony in support of the Stipulation?**
- 2    **A.**     **Yes.**

**DOMINION ENERGY NORTH CAROLINA**  
**PRESENT RATES (EFFECTIVE 01/01/18) VERSUS PROPOSED RATES WITH \$8,583,000 BASE NON-FUEL INCREASE**  
**12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE**  
**DOCKET NO. E-22, SUB 562**  
**SUMMARY OF FINAL RATE DESIGN**

	NORTH CAROLINA		SGS &					OUTDOOR &
	<u>JURISDICTIONAL</u>	<u>RESIDENTIAL</u>	<u>PUBLIC AUTH</u>	<u>LGS</u>	<u>6VP</u>	<u>NS</u>	<u>TRAFFIC</u>	<u>ST LIGHTS</u>
<b>A. BASE NON-FUEL MISCELLANEOUS REVENUE</b>								
1 PRESENT LATE PAYMENT REVENUE	\$1,186,814	\$586,518	\$242,621	\$142,993	\$53,371	\$144,269	\$214	\$16,828
2 PRESENT LOAD MANAGEMENT CREDITS	(\$12,007)	\$0	\$0	(\$12,007)	\$0	\$0	\$0	\$0
3 PRESENT MISCELLANEOUS SERVICE REVENUE	\$527,014	\$407,740	\$70,012	\$219	\$4	\$11	\$755	\$48,273
4 PRESENT FACILITIES CHARGE REVENUE	<u>\$1,121,097</u>	<u>\$121</u>	<u>\$508,654</u>	<u>\$367,192</u>	<u>\$237,108</u>	<u>\$8,022</u>	<u>\$0</u>	<u>\$0</u>
5 PRESENT TOTAL MISCELLANEOUS REVENUE	\$2,822,918	\$994,380	\$821,287	\$498,396	\$290,483	\$152,302	\$969	\$65,102
6 PROPOSED LATE PAYMENT REVENUE	\$1,207,383	\$632,138	\$238,098	\$142,343	\$52,724	\$119,583	\$238	\$22,258
7 PROPOSED LOAD MANAGEMENT CREDITS	(\$12,007)	\$0	\$0	(\$12,007)	\$0	\$0	\$0	\$0
8 PROPOSED MISCELLANEOUS SERVICE REVENUE	\$702,993	\$543,891	\$93,390	\$292	\$5	\$15	\$1,007	\$64,393
9 PROPOSED FACILITIES CHARGE REVENUE	<u>\$1,027,450</u>	<u>\$111</u>	<u>\$453,100</u>	<u>\$344,328</u>	<u>\$222,432</u>	<u>\$7,479</u>	<u>\$0</u>	<u>\$0</u>
10 PROPOSED TOTAL MISCELLANEOUS REVENUE	\$2,925,820	\$1,176,140	\$784,588	\$474,956	\$275,161	\$127,078	\$1,246	\$86,651
11 CHANGE	\$102,901	\$181,761	(\$36,699)	(\$23,440)	(\$15,321)	(\$25,225)	\$277	\$21,549
12 % CHANGE	3.6452%	18.2788%	-4.4685%	-4.7031%	-5.2744%	-16.5624%	28.5446%	33.1009%
<b>B. BASE NON-FUEL RATE SCHEDULE REVENUE</b>								
13 PRESENT BASE NON-FUEL RATE SCHEDULE REVENUE	\$255,583,747	\$131,786,620	\$51,267,447	\$30,770,735	\$11,370,947	\$25,645,414	\$51,325	\$4,691,258
14 PROPOSED BASE NON-FUEL RATE SCHEDULE REVENUE	<u>\$264,063,846</u>	<u>\$138,253,383</u>	<u>\$52,073,822</u>	<u>\$31,131,566</u>	<u>\$11,531,226</u>	<u>\$26,153,722</u>	<u>\$52,092</u>	<u>\$4,868,035</u>
15 CHANGE	\$8,480,099	\$6,466,762	\$806,375	\$360,831	\$160,279	\$508,308	\$767	\$176,777
16 % CHANGE	3.3179%	4.9070%	1.5729%	1.1726%	1.4095%	1.9821%	1.4947%	3.7682%
<b>C. TOTAL BASE NON-FUEL REVENUE</b>								
17 PRESENT BASE NON-FUEL REVENUE (A.5 + B.13)	\$258,406,665	\$132,781,000	\$52,088,734	\$31,269,131	\$11,661,430	\$25,797,716	\$52,294	\$4,756,360
18 PROPOSED BASE NON-FUEL REVENUE (A.10 + B.14)	<u>\$266,989,666</u>	<u>\$139,429,523</u>	<u>\$52,858,410</u>	<u>\$31,606,522</u>	<u>\$11,806,388</u>	<u>\$26,280,800</u>	<u>\$53,338</u>	<u>\$4,954,686</u>
19 CHANGE	\$8,583,000	\$6,648,523	\$769,676	\$337,391	\$144,958	\$483,083	\$1,044	\$198,326
20 % CHANGE	3.3215%	5.0071%	1.4776%	1.0790%	1.2431%	1.8726%	1.9959%	4.1697%
<b>D. BASE FUEL REVENUE</b>								
21 PRESENT BASE FUEL REVENUE + PRESENT RIDER A REVENUE	\$91,652,601	\$33,943,051	\$17,149,793	\$14,753,346	\$6,083,689	\$19,201,152	\$11,224	\$510,346
22 PROPOSED BASE FUEL REVENUE	<u>\$89,604,188</u>	<u>\$33,190,850</u>	<u>\$16,761,466</u>	<u>\$14,416,637</u>	<u>\$5,948,304</u>	<u>\$18,776,919</u>	<u>\$10,975</u>	<u>\$499,036</u>
23 CHANGE	(\$2,048,413)	(\$752,201)	(\$388,327)	(\$336,709)	(\$135,385)	(\$424,233)	(\$249)	(\$11,310)
24 % CHANGE	-2.2350%	-2.2161%	-2.2643%	-2.2823%	-2.2254%	-2.2094%	-2.2161%	-2.2161%
<b>E. TOTAL BASE REVENUE (BASE NON-FUEL + BASE FUEL)</b>								
25 PRESENT TOTAL BASE REVENUE (C.17 + D.21)	\$350,059,266	\$166,724,051	\$69,238,527	\$46,022,477	\$17,745,119	\$44,998,868	\$63,518	\$5,266,706
26 PROPOSED TOTAL BASE REVENUE (C.18 + D.22)	<u>\$356,593,854</u>	<u>\$172,620,373</u>	<u>\$69,619,876</u>	<u>\$46,023,159</u>	<u>\$17,754,692</u>	<u>\$45,057,718</u>	<u>\$64,313</u>	<u>\$5,453,722</u>
27 CHANGE	\$6,534,587	\$5,896,322	\$381,349	\$682	\$9,573	\$58,850	\$795	\$187,016
28 % CHANGE	1.8667%	3.5366%	0.5508%	0.0015%	0.0539%	0.1308%	1.2517%	3.5509%
<b>F. TOTAL RIDER EDIT REVENUE</b>								
29 PRESENT TOTAL RIDER EDIT REVENUE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30 PROPOSED TOTAL RIDER EDIT REVENUE	<u>\$649,000</u>	<u>\$334,644</u>	<u>\$130,183</u>	<u>\$78,136</u>	<u>\$28,874</u>	<u>\$65,121</u>	<u>\$130</u>	<u>\$11,912</u>
31 CHANGE	\$649,000	\$334,644	\$130,183	\$78,136	\$28,874	\$65,121	\$130	\$11,912
<b>G. TOTAL BASE REVENUE AND RIDER EDIT REVENUE</b>								
32 PRESENT TOTAL BASE REVENUE AND RIDER EDIT REVENUE (E.25 + F.29)	\$350,059,266	\$166,724,051	\$69,238,527	\$46,022,477	\$17,745,119	\$44,998,868	\$63,518	\$5,266,706
33 PROPOSED TOTAL BASE REVENUE AND RIDER EDIT REVENUE (E.26 + F.30)	<u>\$357,242,854</u>	<u>\$172,955,017</u>	<u>\$69,750,059</u>	<u>\$46,101,294</u>	<u>\$17,783,566</u>	<u>\$45,122,840</u>	<u>\$64,443</u>	<u>\$5,465,635</u>
34 CHANGE	\$7,183,587	\$6,230,966	\$511,532	\$78,818	\$38,447	\$123,971	\$925	\$198,929
35 % CHANGE	2.0521%	3.7373%	0.7388%	0.1713%	0.2167%	0.2755%	1.4569%	3.7771%

DOMINION ENERGY NORTH CAROLINA  
PRESENT RATES (EFFECTIVE 01/01/18) VERSUS PROPOSED RATES WITH \$8,583,000 BASE NON-FUEL INCREASE  
12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE  
DOCKET NO. E-22, SUB 562

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
		PRESENT ANNUALIZED REVENUE									PROPOSED REVENUE BASED ON \$8,583,000 BASE NON-FUEL REVENUE INCREASE EDIT RIDERS AND FUEL REVENUE DECREASE						
LINE NO.		BOOKED 12/2018 CUST INCLUDING GROWTH THROUGH 06/30/2019	BOOKED KWH SALES INCLUDING GROWTH THROUGH 06/30/2019	BASE NON-FUEL REVENUE #	RIDER NON-FUEL REVENUE ##	BASE FUEL REVENUE	RIDER A FUEL REVENUE ##	RIDER B FUEL REVENUE ##	FUEL REVENUE (5)+(6)+(7)	TOTAL REVENUE	BASE NON-FUEL REVENUE ###	RIDER NON-FUEL REVENUE ####	BASE FUEL REVENUE #####	RIDER A FUEL REVENUE	RIDER B FUEL REVENUE @	FUEL REVENUE (12)+(13)+(14)	TOTAL REVENUE
<b>RESIDENTIAL</b>									(1)							(1)	
1	SCHEDULE 1	102,788	1,680,802,999	\$140,168,637	\$2,564,521	\$35,120,574	\$1,190,244	\$6,571,487	\$42,882,305	\$185,615,462	\$147,046,660	\$2,896,556	\$35,506,146	\$0	\$234,696	\$35,740,842	\$185,684,058
2	SCHEDULE 1DF (DUEL FUEL)	1,131 *	3,061,000	\$146,724	\$3,698	\$64,109	\$2,173	\$11,996	\$78,277	\$228,699	\$153,972	\$4,302	\$64,812	\$0	\$428	\$65,241	\$223,515
3	SCHEDULE 1P (TIME-OF-USAGE)	330	8,948,999	\$592,177	\$12,275	\$185,144	\$6,275	\$34,643	\$226,062	\$830,514	\$621,232	\$14,043	\$187,177	\$0	\$1,237	\$188,414	\$823,689
4	SCHEDULE 1T (TIME-OF-USAGE)	41	1,099,999	\$87,689	\$1,586	\$22,713	\$770	\$4,250	\$27,733	\$117,007	\$91,990	\$1,803	\$22,962	\$0	\$152	\$23,114	\$116,908
5	SCHEDULE 1W (WATER HEATER)	16 *	93,000	\$3,025	\$111	\$1,948	\$66	\$365	\$2,379	\$5,516	\$3,174	\$130	\$1,970	\$0	\$13	\$1,983	\$5,287
6	SUBTOTAL - RESIDENTIAL	103,159 **	1,694,005,997	\$140,998,252	\$2,582,191	\$35,394,489	\$1,199,527	\$6,622,740	\$43,216,755	\$186,797,198	\$147,917,028	\$2,916,835	\$35,783,068	\$0	\$236,526	\$36,019,594	\$186,853,457
7	INCREASED USAGE, WEATHER & CUST GROWTH	247	(120,104,930)	(\$9,016,171)	(\$183,077)	(\$2,509,467)	(\$85,046)	(\$469,552)	(\$3,064,066)	(\$12,263,314)	(\$9,458,594)	(\$183,077)	(\$2,537,017)	\$0	(\$16,770)	(\$2,553,787)	(\$12,195,459)
8	ENERGY REDUCTION DUE TO EE		<u>(2,613,228)</u>	<u>(\$195,460)</u>	<u>\$0</u>	<u>(\$54,601)</u>	<u>(\$1,850)</u>	<u>(\$10,216)</u>	<u>(\$66,668)</u>	<u>(\$262,127)</u>	<u>(\$205,051)</u>	<u>\$0</u>	<u>(\$55,200)</u>	<u>\$0</u>	<u>(\$365)</u>	<u>(\$55,565)</u>	<u>(\$260,616)</u>
9	SUBTOTAL - RESIDENTIAL ADJ. FOR GROWTH	103,406 **	1,571,287,839	\$131,786,620	\$2,399,114	\$32,830,421	\$1,112,630	\$6,142,971	\$40,086,022	\$174,271,756	\$138,253,383	\$2,733,757	\$33,190,850	\$0	\$219,392	\$33,410,242	\$174,397,382
<b>SMALL GEN SERVICE &amp; PUBLIC AUTHORITY</b>																	
10	SCHEDULE 5	15,216	583,334,001	\$39,241,852	\$1,727,357	\$12,209,167	\$414,167	\$2,286,667	\$14,910,001	\$55,879,209	\$39,859,155	\$1,818,685	\$12,337,501	\$0	\$81,667	\$12,419,167	\$54,097,007
11	SCHEDULE 5C (COTTON GIN)	16	6,674,000	\$398,336	\$15,863	\$139,687	\$4,739	\$26,162	\$170,587	\$584,786	\$404,605	\$16,907	\$141,155	\$0	\$934	\$142,089	\$563,602
12	SCHEDULE 5P (TIME-OF-USAGE)	756	118,770,000	\$6,153,375	\$287,785	\$2,485,856	\$84,327	\$465,578	\$3,035,761	\$9,476,921	\$6,250,313	\$306,380	\$2,511,986	\$0	\$16,628	\$2,528,613	\$9,085,306
13	SCHEDULE 7	69 *	1,600,000	\$89,863	\$3,568	\$33,488	\$1,136	\$6,272	\$40,896	\$134,326	\$91,278	\$3,818	\$33,840	\$0	\$224	\$34,064	\$129,160
14	SCHEDULE 30 - (PUBLIC AUTHORITY)	1,091	78,169,999	\$5,041,064	\$204,967	\$1,636,098	\$55,501	\$306,426	\$1,998,025	\$7,244,057	\$5,120,188	\$217,206	\$1,653,295	\$0	\$10,944	\$1,664,239	\$7,001,633
15	SCHEDULE 42 - (ALL ELEC / PUB AUTH)	760	42,961,000	\$2,673,588	\$117,203	\$899,174	\$30,502	\$168,407	\$1,098,083	\$3,888,873	\$2,715,544	\$123,929	\$908,625	\$0	\$6,015	\$914,640	\$3,754,112
16	SUBTOTAL - SGS & PUBLIC AUTHORITY	17,839 **	831,509,000	\$53,598,077	\$2,356,742	\$17,403,470	\$590,371	\$3,259,513	\$21,253,354	\$77,208,173	\$54,441,082	\$2,486,925	\$17,586,402	\$0	\$116,411	\$17,702,813	\$74,630,820
17	INCREASED USAGE, WEATHER & CUST GROWTH	29	(35,309,867)	(\$2,072,484)	(\$100,079)	(\$739,035)	(\$25,070)	(\$138,415)	(\$902,520)	(\$3,075,082)	(\$2,105,080)	(\$100,079)	(\$746,803)	\$0	(\$4,943)	(\$751,746)	(\$2,956,906)
18	ENERGY REDUCTION DUE TO EE		<u>(3,694,203)</u>	<u>(\$258,146)</u>	<u>\$0</u>	<u>(\$77,320)</u>	<u>(\$2,623)</u>	<u>(\$14,481)</u>	<u>(\$94,424)</u>	<u>(\$352,570)</u>	<u>(\$262,179)</u>	<u>\$0</u>	<u>(\$78,132)</u>	<u>\$0</u>	<u>(\$517)</u>	<u>(\$78,650)</u>	<u>(\$340,828)</u>
19	SUBTOTAL - SGS & PA ADJ. FOR GROWTH	17,868 **	792,504,930	\$51,267,447	\$2,256,664	\$16,587,115	\$562,678	\$3,106,617	\$20,256,410	\$73,780,521	\$52,073,822	\$2,386,846	\$16,761,466	\$0	\$110,951	\$16,872,417	\$71,333,086
<b>LARGE GEN SERVICE</b>																	
20	SCHEDULE 6C	3	5,087,000	\$531,764	\$11,935	\$105,759	\$3,459	\$19,788	\$129,006	\$672,705	\$538,096	\$12,538	\$106,725	\$0	\$712	\$107,437	\$658,071
21	SCHEDULE 6L	4	247,884,000	\$10,014,810	\$525,209	\$5,153,508	\$168,561	\$964,269	\$6,286,338	\$16,826,358	\$10,132,355	\$554,612	\$5,200,606	\$0	\$34,704	\$5,235,310	\$15,922,277
22	SCHEDULE 6P	28	257,261,000	\$11,563,452	\$573,122	\$5,331,028	\$174,367	\$997,484	\$6,502,880	\$18,639,453	\$11,699,140	\$603,637	\$5,379,748	\$0	\$35,899	\$5,415,647	\$17,718,425
23	SCHEDULE 10	23	148,497,998	\$7,349,660	\$338,376	\$3,069,267	\$100,390	\$574,288	\$3,743,945	\$11,431,981	\$7,435,888	\$355,990	\$3,097,318	\$0	\$20,668	\$3,117,986	\$10,909,864
24	SCHEDULE LGS-RTP WITH CBL	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	SCHEDULE LGS-RTP WITH ED	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	SUBTOTAL - LARGE GENERAL SERVICE	58	658,729,998	29,459,686	1,448,641	\$13,659,562	\$446,777	\$2,555,830	16,662,169	47,570,497	\$29,805,480	\$1,526,777	\$13,784,397	\$0	\$91,984	13,876,381	\$45,208,638
27	INCREASED USAGE, WEATHER & CUST GROWTH	-2	31,449,955	\$1,401,572	\$69,163	\$652,153	\$21,331	\$122,024	\$795,507	\$2,266,242	\$1,418,024	\$69,163	\$658,113	\$0	\$4,392	\$662,504	\$2,149,691
28	ENERGY REDUCTION DUE TO EE		<u>(1,236,422)</u>	<u>(\$90,524)</u>	<u>\$0</u>	<u>(\$25,639)</u>	<u>(\$839)</u>	<u>(\$4,797)</u>	<u>(\$31,275)</u>	<u>(\$121,798)</u>	<u>(\$91,938)</u>	<u>\$0</u>	<u>(\$25,873)</u>	<u>\$0</u>	<u>(\$173)</u>	<u>(\$26,046)</u>	<u>(\$117,984)</u>
29	SUBTOTAL - LGS ADJ. FOR GROWTH	56	688,943,531	\$30,770,735	\$1,517,804	\$14,286,076	\$467,269	\$2,673,056	\$17,426,402	\$49,714,941	\$31,131,566	\$1,595,940	\$14,416,637	\$0	\$96,203	\$14,512,840	\$47,240,345
<b>SCHEDULE 6VP</b>																	
30	SCHEDULE 6VP	3	273,844,001	\$10,810,289	\$575	\$5,594,633	\$188,952	\$1,048,823	\$6,832,408	\$17,643,272	\$10,962,665	\$29,449	\$5,654,879	\$0	\$35,600	\$5,690,478	\$16,682,593
31	INCREASED USAGE, WEATHER & CUST GROWTH	0	14,209,476	\$560,658	\$30	\$290,300	\$9,805	\$54,422	\$354,526	\$915,215	\$568,561	\$30	\$293,426	\$0	\$1,847	\$295,273	\$863,864
32	SUBTOTAL - 6VP ADJ. FOR GROWTH	3	288,053,477	\$11,370,947	\$605	\$5,884,933	\$198,757	\$1,103,245	\$7,186,934	\$18,558,486	\$11,531,226	\$29,479	\$5,948,304	\$0	\$37,447	\$5,985,751	\$17,546,457
<b>SCHEDULE NS</b>																	
33	SCHEDULE NS	1	918,042,000	\$25,528,524	\$0	\$18,489,366	\$624,269	\$3,461,018	\$22,574,653	\$48,103,177	\$26,034,515	\$65,121	\$18,691,335	\$0	\$119,345	\$18,810,681	\$44,910,317
34	INCREASED USAGE, WEATHER & CUST GROWTH	0	4,203,529	\$116,890	\$0	\$84,659	\$2,858	\$15,847	\$103,365	\$220,255	\$119,207	\$0	\$85,584	\$0	\$546	\$86,130	\$205,337
35	SUBTOTAL - SCHEDULE NS ADJ. FOR GROWTH	1	922,245,529	\$25,645,414	\$0	\$18,574,025	\$627,127	\$3,476,866	\$22,678,018	\$48,323,432	\$26,153,722	\$65,121	\$18,776,919	\$0	\$119,892	\$18,896,811	\$45,115,654
<b>TRAFFIC CONTROL</b>																	
36	TRAFFIC CONTROL																
37	SCHEDULE 30T - TRAFFIC CONTROL	193	525,000	\$52,194	\$0	\$10,999	\$373	\$2,058	\$13,430	\$65,624	\$52,97						



**DOMINION ENERGY NORTH CAROLINA**  
**PRESENT RATES (EFFECTIVE 01/01/18) VERSUS PROPOSED RATES WITH \$ BASE NON-FUEL INCREASE**  
**12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE**  
**DOCKET NO. E-22, SUB 562**

LINE NO.		(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
		TOTAL CHANGE								PERCENTAGE CHANGE								CHANGE AND PERCENTAGE CHANGE FROM PRESENT BASE NON-FUEL, BASE FUEL, AND RIDER A			
		BASE NON-FUEL	RIDER NON-FUEL	BASE FUEL	RIDER A FUEL	RIDER A1 / RIDER B FUEL	TOTAL FUEL	TOTAL	BASE NON-FUEL	RIDER NON-FUEL	BASE FUEL	RIDER A FUEL	RIDER A1 / RIDER B FUEL	TOTAL FUEL	TOTAL	PRESENT BASE NON-FUEL + BASE FUEL + RIDER A	PROPOSED BASE NON-FUEL + BASE FUEL + RIDER A	CHANGE	% CHANGE		
	<b>RESIDENTIAL</b>																				
1	SCHEDULE 1	\$6,878,023	\$332,036	\$385,572	(\$1,190,244)	(\$6,336,791)	(\$7,141,463)	\$68,596	4.91%	12.95%	1.10%	-100.00%	-96.43%	-16.65%	0.04%	\$176,479,455	\$182,552,806	\$6,073,351	3.44%		
2	SCHEDULE 1DF (DUEL FUEL)	\$7,247	\$605	\$704	(\$2,173)	(\$11,567)	(\$13,036)	(\$5,184)	4.94%	16.35%	1.10%	-100.00%	-96.43%	-16.65%	-2.27%	\$213,005	\$218,784	\$5,779	2.71%		
3	SCHEDULE 1P (TIME-OF-USAGE)	\$29,055	\$1,768	\$2,033	(\$6,275)	(\$33,406)	(\$37,647)	(\$6,824)	4.91%	14.40%	1.10%	-100.00%	-96.43%	-16.65%	-0.82%	\$783,596	\$808,409	\$24,813	3.17%		
4	SCHEDULE 1T (TIME-OF-USAGE)	\$4,301	\$217	\$249	(\$770)	(\$4,098)	(\$4,619)	(\$100)	4.91%	13.70%	1.10%	-100.00%	-96.43%	-16.65%	-0.09%	\$111,171	\$114,952	\$3,781	3.40%		
5	SCHEDULE 1W (WATER HEATER)	\$149	\$18	\$21	(\$66)	(\$352)	(\$396)	(\$229)	4.92%	16.50%	1.10%	-100.00%	-96.43%	-16.65%	-4.15%	\$5,040	\$5,144	\$104	2.07%		
6	SUBTOTAL - RESIDENTIAL	\$6,918,776	\$334,644	\$388,579	(\$1,199,527)	(\$6,386,213)	(\$7,197,161)	\$56,259	4.91%	12.96%	1.10%	-100.00%	-96.43%	-16.65%	0.03%	\$177,592,267	\$183,700,096	\$6,107,829	3.44%		
7	INCREASED USAGE, WEATHER & CUST GROWTH	(\$442,423)	\$0	(\$27,550)	\$85,046	\$452,782	\$510,278	\$67,855	4.91%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-0.55%	(\$11,610,685)	(\$11,995,612)	(\$384,927)	3.32%		
8	ENERGY REDUCTION DUE TO EE	(\$9,591)	\$0	(\$599)	\$1,850	\$9,852	\$11,103	\$1,511	4.91%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-0.58%	(\$251,911)	(\$260,251)	(\$8,340)	3.31%		
9	SUBTOTAL - RESIDENTIAL ADJ. FOR GROWTH	\$6,466,762	\$334,644	\$360,429	(\$1,112,630)	(\$5,923,579)	(\$6,675,780)	\$125,626	4.91%	13.95%	1.10%	-100.00%	-96.43%	-16.65%	0.07%	\$165,729,671	\$171,444,233	\$5,714,561	3.45%		
	<b>SMALL GEN SERVICE &amp; PUBLIC AUTHORITY</b>																				
10	SCHEDULE 5	\$617,303	\$91,328	\$128,333	(\$414,167)	(\$2,205,000)	(\$2,490,833)	(\$1,782,202)	1.57%	5.29%	1.05%	-100.00%	-96.43%	-16.71%	-3.19%	\$51,865,185	\$52,196,655	\$331,470	0.64%		
11	SCHEDULE 5C (COTTON GIN)	\$6,268	\$1,045	\$1,468	(\$4,739)	(\$25,228)	(\$28,498)	(\$21,185)	1.57%	6.59%	1.05%	-100.00%	-96.43%	-16.71%	-3.62%	\$542,762	\$545,760	\$2,998	0.55%		
12	SCHEDULE 5P (TIME-OF-USAGE)	\$96,938	\$18,595	\$26,129	(\$84,327)	(\$448,951)	(\$507,148)	(\$391,615)	1.58%	6.46%	1.05%	-100.00%	-96.43%	-16.71%	-4.13%	\$8,723,558	\$8,762,299	\$38,741	0.44%		
13	SCHEDULE 7	\$1,415	\$250	\$352	(\$1,136)	(\$6,048)	(\$6,832)	(\$5,166)	1.57%	7.02%	1.05%	-100.00%	-96.43%	-16.71%	-3.85%	\$124,487	\$125,118	\$631	0.51%		
14	SCHEDULE 30 - (PUBLIC AUTHORITY)	\$79,123	\$12,238	\$17,197	(\$55,501)	(\$295,483)	(\$333,786)	(\$242,424)	1.57%	5.97%	1.05%	-100.00%	-96.43%	-16.71%	-3.35%	\$6,732,663	\$6,773,483	\$40,820	0.61%		
15	SCHEDULE 42 - (ALL ELEC / PUB AUTH)	\$41,956	\$6,726	\$9,451	(\$30,502)	(\$162,393)	(\$183,443)	(\$134,761)	1.57%	5.74%	1.05%	-100.00%	-96.43%	-16.71%	-3.47%	\$3,603,264	\$3,624,169	\$20,905	0.58%		
16	SUBTOTAL - SGS & PUBLIC AUTHORITY	\$843,005	\$130,183	\$182,932	(\$590,371)	(\$3,143,102)	(\$3,550,541)	(\$2,577,354)	1.57%	5.52%	1.05%	-100.00%	-96.43%	-16.71%	-3.34%	\$71,591,918	\$72,027,484	\$435,565	0.61%		
17	INCREASED USAGE, WEATHER & CUST GROWTH	(\$32,597)	\$0	(\$7,768)	\$25,070	\$133,471	\$150,773	\$118,176	1.57%	0.00%	1.05%	-100.00%	-96.43%	-16.71%	-3.84%	(\$2,836,589)	(\$2,851,884)	(\$15,295)	0.54%		
18	ENERGY REDUCTION DUE TO EE	(\$4,033)	\$0	(\$813)	\$2,623	\$13,964	\$15,774	\$11,741	1.56%	0.00%	1.05%	-100.00%	-96.43%	-16.71%	-3.33%	(\$338,088)	(\$340,311)	(\$2,223)	0.66%		
19	SUBTOTAL - SGS & PA ADJ. FOR GROWTH	\$806,375	\$130,183	\$174,351	(\$562,678)	(\$2,995,666)	(\$3,383,993)	(\$2,447,436)	1.57%	5.77%	1.05%	-100.00%	-96.43%	-16.71%	-3.32%	\$68,417,241	\$68,835,289	\$418,048	0.61%		
	<b>LARGE GEN SERVICE</b>																				
20	SCHEDULE 6C	\$6,332	\$603	\$967	(\$3,459)	(\$19,076)	(\$21,569)	(\$14,634)	1.19%	5.06%	0.91%	-100.00%	-96.40%	-16.72%	-2.18%	\$640,982	\$644,821	\$3,839	0.60%		
21	SCHEDULE 6L	\$117,545	\$29,403	\$47,098	(\$168,561)	(\$929,565)	(\$1,051,028)	(\$904,080)	1.17%	5.60%	0.91%	-100.00%	-96.40%	-16.72%	-5.37%	\$15,336,880	\$15,332,962	(\$3,918)	-0.03%		
22	SCHEDULE 6P	\$135,689	\$30,515	\$48,720	(\$174,367)	(\$961,585)	(\$1,087,232)	(\$921,028)	1.17%	5.32%	0.91%	-100.00%	-96.40%	-16.72%	-4.94%	\$17,068,847	\$17,078,889	\$10,041	0.06%		
23	SCHEDULE 10	\$86,229	\$17,614	\$28,050	(\$100,390)	(\$553,620)	(\$625,959)	(\$522,117)	1.17%	5.21%	0.91%	-100.00%	-96.40%	-16.72%	-4.57%	\$10,519,317	\$10,533,206	\$13,889	0.13%		
24	SCHEDULE LGS-RTP WITH CBL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	0.00%		
25	SCHEDULE LGS-RTP WITH ED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	0.00%		
26	SUBTOTAL - LARGE GENERAL SERVICE	\$345,794	\$78,136	\$124,835	(\$446,777)	(\$2,463,846)	(\$2,785,789)	(\$2,361,859)	1.17%	5.39%	0.91%	-100.00%	-96.40%	-16.72%	-4.96%	\$43,566,026	\$43,589,877	\$23,851	0.05%		
27	INCREASED USAGE, WEATHER & CUST GROWTH	\$16,451	\$0	\$5,960	(\$21,331)	(\$117,632)	(\$133,003)	(\$116,551)	1.17%	0.00%	0.91%	-100.00%	-96.40%	-16.72%	-5.14%	\$2,075,056	\$2,076,137	\$1,081	0.05%		
28	ENERGY REDUCTION DUE TO EE	(\$1,414)	\$0	(\$234)	\$839	\$4,625	\$5,229	\$3,815	1.56%	0.00%	0.91%	-100.00%	-96.40%	-16.72%	-3.13%	(\$117,001)	(\$117,811)	(\$810)	0.69%		
29	SUBTOTAL - LGS ADJ. FOR GROWTH	\$360,831	\$78,136	\$130,561	(\$467,269)	(\$2,576,854)	(\$2,913,562)	(\$2,474,596)	1.17%	5.15%	0.91%	-100.00%	-96.40%	-16.72%	-4.98%	\$45,524,081	\$45,548,203	\$24,122	0.05%		
	<b>SCHEDULE 6VP</b>																				
30	SCHEDULE 6VP	\$152,376	\$28,874	\$60,246	(\$188,952)	(\$1,013,223)	(\$1,141,929)	(\$960,679)	1.41%	5019.48%	1.08%	-100.00%	-96.61%	-16.71%	-5.45%	\$16,593,874	\$16,617,544	\$23,670	0.14%		
31	INCREASED USAGE, WEATHER & CUST GROWTH	\$7,903	\$0	\$3,126	(\$9,805)	(\$52,575)	(\$59,254)	(\$51,351)	1.41%	0.00%	1.08%	-100.00%	-96.61%	-16.71%	-5.61%	\$860,762	\$861,987	\$1,224	0.14%		
32	SUBTOTAL - 6VP ADJ. FOR GROWTH	\$160,279	\$28,874	\$63,372	(\$198,757)	(\$1,065,798)	(\$1,201,183)	(\$1,012,030)	1.41%	4771.88%	1.08%	-100.00%	-96.61%	-16.71%	-5.45%	\$17,454,636	\$17,479,530	\$24,894	0.14%		
	<b>SCHEDULE NS</b>																				
33	SCHEDULE NS	\$505,991	\$65,121	\$201,969	(\$624,269)	(\$3,341,673)	(\$3,763,972)	(\$3,192,860)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.64%	\$44,642,159	\$44,725,850	\$83,692	0.19%		
34	INCREASED USAGE, WEATHER & CUST GROWTH	\$2,317	\$0	\$925	(\$2,858)	(\$15,301)	(\$17,234)	(\$14,918)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.77%	\$204,407	\$204,791	\$383	0.19%		
35	SUBTOTAL - SCHEDULE NS ADJ. FOR GROWTH	\$508,308	\$65,121	\$202,894	(\$627,127)	(\$3,356,974)	(\$3,781,207)	(\$3,207,778)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.64%	\$44,846,566	\$44,930,641	\$84,075	0.19%		
	<b>TRAFFIC CONTROL</b>																				
37	SCHEDULE 30T - TRAFFIC CONTROL	\$780	\$130	\$121	(\$373)	(\$1,985)	(\$2,237)	(\$1,326)	1.49%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-2.02%	\$63,566	\$64,094	\$528	0.83%		
38	INCREASED USAGE, WEATHER & CUST GROWTH	(\$13)	\$0	(\$2)	\$5	\$26	\$29	\$16	1.49%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-1.54%	(\$1,017)	(\$1,026)	(\$10)	0.96%		
39	SUBTOTAL - 30T ADJ. FOR GROWTH	\$767	\$130	\$119	(\$368)	(\$1,959)	(\$2,207)	(\$1,310)	1.49%	0.00											

**Dominion Energy North Carolina**

**Docket E-22, Sub 562**

**For the test year ended December 31, 2018**

**Item No. 39**

**See attachments for Item Nos. 39a, 39b, and 39c**

**PUBLIC**

A statement showing by cross-outs and italicized inserts all new rates and proposed changes in rates, charges, terms and conditions, and Service Rules and Regulations, as well as percentage increases (decreases) for each rate or charge, if not included in the application.

- a. **Updated:** Include summary statements of new rates and proposed changes and reasons for each change.
- b. **Limited Update Showing Percent Changes:** Include all new rates, charges, terms conditions and Service Rules and Regulations as well as changes to existing rates, charges, terms conditions and Service Rules and Regulations.
- c. **Updated:** Include workpapers showing derivation of rates by rate schedule (may be combined with item 42c if desired).

### **Base Rate Revenue Increase**

Dominion Energy North Carolina (“the Company”) proposes to increase base rates by \$8.583 million. The base rate increase is distributed to the customer classes. Base rate apportionment is found in the direct, rebuttal and settlement testimonies of Company witness Paul B. Haynes.

### **Base Fuel Rate**

This Placeholder Base Fuel Rate has been updated pursuant to the Company’s annual fuel filing in August 2019 which is currently pending before the Commission in Docket No. E-22, Sub 579.

### **Changes to Existing Rate Schedules**

The Company is not proposing any significant rate design changes. Instead, the Company proposes to revise the rates in the applicable rate schedules by generally spreading the base rate revenue increase equally across all charges.

### **Changes to Existing Terms and Conditions and Existing Riders**

The Company proposes to change the miscellaneous service charges, based on updated costs, that are included in the filed Terms and Conditions. The Company also proposes to revise the Tax Effect Recovery Factor in Rider D, and set the Fuel Rider A rates to zero.

### **Rider EDIT – Excess Deferred Income Tax**

The Company is proposing to implement a rate rider, Rider EDIT, which is designed to recover the allocated portion of system-level Federal EDIT and related amortization to the North Carolina Jurisdiction attributable to the 24-month period November 1, 2019 through October 31, 2021. A more detailed discussion of the reasons for this rider can be found in the testimony of Company Witness Paul M. McLeod and Paul B. Haynes.





<b>Schedule 1 - Residential Service</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 10.40	\$ 10.91	4.90%
Energy Charge	Per kWh	Per kWh	
June through September - all kWh	\$ 0.10589	\$ 0.110288	4.15%
October through May - all kWh	\$ 0.09174	\$ 0.095444	4.04%

<b>Schedule 1DF - Dual Fuel Svc - Residential (Closed)</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 3.60	\$ 3.78	5.00%
Energy Charge	Per kWh	Per kWh	
April, May, and October - all kWh	\$ 0.09174	\$ 0.095444	4.04%
June through September - all kWh	\$ 0.10589	\$ 0.110288	4.15%
November through March - all kWh	\$ 0.05265	\$ 0.054436	3.39%

<b>Schedule 1P - TOU - Residential</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 15.55	\$ 16.31	4.89%
Demand Charge	Per kW	Per kW	
June through September - all on-peak kW	\$ 9.174	\$ 9.624	4.91%
October through May - all on-peak kW	\$ 5.371	\$ 5.635	4.92%
Energy Charge	Per kWh	Per kWh	
All on-peak kWh	\$ 0.06607	\$ 0.068514	3.70%
All off-peak kWh	\$ 0.04632	\$ 0.047795	3.18%

<b>Schedule 1T - Residential Service</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 14.75	\$ 15.47	4.88%
Energy Charge	Per kWh	Per kWh	
June through September			
All on-peak kWh	\$ 0.22487	\$ 0.235108	4.55%
All off-peak kWh	\$ 0.05380	\$ 0.055642	3.42%
October through May			
All on-peak kWh	\$ 0.18688	\$ 0.195253	4.48%
All off-peak kWh	\$ 0.04917	\$ 0.050785	3.28%

<b>Schedule 1W - Time Control Storage WH</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 4.63	\$ 4.86	4.97%
Energy Charge	Per kWh	Per kWh	
All kWh	\$ 0.04442	\$ 0.045802	3.11%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

<b>Schedule 5 - Small General Service</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 18.77	\$ 19.07	1.60%
Demand Charge	Per kW	Per kW	
1st 100 kW or less - Included in kWh chg	\$ -	\$ -	0.00%
All kW over 100	\$ 3.430	\$ 3.480	1.46%
KW Minimum - Peak	\$ 5.660	\$ 5.750	1.59%
KW Minimum - Base	\$ 2.330	\$ 2.370	1.72%
Energy Charge	Per kWh	Per kWh	
June through September			
First 800 kWh	\$ 0.09367	\$ 0.095035	1.46%
Next 2200 kWh*	\$ 0.09297	\$ 0.094324	1.46%
Additional kWh	\$ 0.07211	\$ 0.073136	1.42%
October through May			
First 800 kWh	\$ 0.08623	\$ 0.087478	1.45%
Next 2200 kWh*	\$ 0.08554	\$ 0.086777	1.45%
Additional kWh	\$ 0.06483	\$ 0.065741	1.41%
*Add 200 kWh for each kW of demand over 10 through 30 kW, and add 100 kWh for each kW of demand over 30 kW.			

<b>Schedule 5C - Cotton Gin Service</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 22.20	\$ 22.55	1.58%
Energy Charge	Per kWh	Per kWh	
1st 800 kWh	\$ 0.09352	\$ 0.094883	1.46%
Additional kWh	\$ 0.07984	\$ 0.080987	1.44%

<b>Schedule 5P - Small General Service</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge			
Single phase svc 200 amps or less	\$ 23.68	\$ 24.05	1.56%
All other svc	\$ 79.20	\$ 80.45	1.58%
Power Supply Demand Charge	Per kW	Per kW	
June through September			
All on-peak kW of power supply demand	\$ 9.786	\$ 9.940	1.57%
October through May			
All on-peak kW of power supply demand	\$ 7.245	\$ 7.359	1.57%
Distribution Demand Charge	Per kW	Per kW	
All kW of distribution billing demand	\$ 1.880	\$ 1.910	1.60%
Energy Charge	Per kWh	Per kWh	
All on-peak kWh	\$ 0.05529	\$ 0.056051	1.38%
All off-peak kWh	\$ 0.04008	\$ 0.040601	1.30%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

<b>Schedule 6C - Large Gen Svc - Curtailable</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 154.64	\$ 156.45	1.17%
Contract Demand Charge	Per kW	Per kW	
Primary Service			
All kW of contract demand	\$ 1.497	\$ 1.515	1.20%
Secondary Service			
All kW of contract demand	\$ 2.000	\$ 2.023	1.15%
Summer/Winter Firm Demand Charge	Per kW	Per kW	
All kW of Summer/Winter Firm Demand	\$ 4.650	\$ 4.705	1.18%
Energy Charge	Per kWh	Per kWh	
All kWh	\$ 0.05642	\$ 0.057028	1.08%

<b>Schedule 6P - TOU</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 78.07	\$ 78.99	1.18%
Power Supply Demand Charge	Per kW	Per kW	
All kW of on-peak power supply	\$ 14.129	\$ 14.295	1.17%
Distribution Demand Charge	Per kW	Per kW	
Primary Service			
All kW of distribution billing demand	\$ 1.022	\$ 1.034	1.17%
Secondary Service			
All kW of distribution billing demand	\$ 1.526	\$ 1.544	1.18%
rkVA Demand Charge	Per rkVA	Per rkVA	
All rkVA of Demand	\$ 0.187	\$ 0.189	1.07%
Energy Charge	Per kWh	Per kWh	
All on-peak kWh	\$ 0.04102	\$ 0.041447	1.04%
All off-peak kWh	\$ 0.03454	\$ 0.034891	1.02%

<b>Schedule 6L - TOU</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$78.07	\$78.99	1.18%
Power Supply Demand Charge	Per kW	Per kW	
All kW of on-peak power supply	\$ 19.206	\$ 19.431	1.17%
Distribution Demand Charge	Per kW	Per kW	
Primary Service			
All kW of distribution billing demand	\$ 0.994	\$ 1.006	1.21%
Secondary Service			
All kW of distribution billing demand	\$ 1.492	\$ 1.510	1.21%
Energy Charge	Per kWh	Per kWh	
All on-peak kWh	\$ 0.02583	\$ 0.026079	0.96%
All off-peak kWh	\$ 0.02421	\$ 0.024440	0.95%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

Schedule LGS-RTP with CBL	Current (1)	Proposed (2)	% Change
	Per kW	Per kW	
Transmission Demand Charge	\$3.073	\$3.109	1.18%
	Per kW	Per kW	
Capacity Surcharge	\$ 0.425	\$ 0.431	1.41%
	Per kWh	Per kWh	
Adder	\$ 0.00237	\$ 0.002398	1.17%
6LNONFUELAVG	\$ 0.03167	\$ 0.032740	3.38%

Schedule LGS-RTP with ED	Current (1)	Proposed (2)	% Change
	Per kW	Per kW	
Transmission Demand Charge	\$3.073	\$3.109	1.18%
	Per kW	Per kW	
Capacity Surcharge	\$ 0.425	\$ 0.431	1.41%
	Per kWh	Per kWh	
Adder	\$ 0.00237	\$ 0.002398	1.17%
6LNONFUELAVG	\$ 0.03167	\$ 0.032740	3.38%

Schedule 6VP - LGS - Variable Pricing	Current (1)	Proposed (2)	% Change
Basic Customer Charge	\$ 143.87	\$ 145.90	1.41%
Contract Demand Charge	Per kW	Per kW	
1st 12,000 kW of Contract Demand	\$ -	\$ -	0.00%
(included in Capacity Surcharge)			
Additional kW of Contract Demand*	\$ 0.801	\$ 0.812	1.37%
Service Voltage < 2kV, additional Contract Demand	\$ 1.601	\$ 1.624	1.44%
Capacity Surcharge (applicable hours only)	Per kWh	Per kWh	
All applicable kWh, up to a max of 12,000 times the # of applicable hours for the current billing month	\$ 0.425	\$ 0.431	1.41%
Any additional kWh during applicable hours	\$ 0.359	\$ 0.364	1.39%
Energy Charge	Per kWh	Per kWh	
All Base kWh	\$ 0.05034	\$ 0.050982	1.28%
May 1 through September 30			
On-Peak Period			
Day Classification: A	\$ 0.12159	\$ 0.123236	1.35%
B	\$ 0.05652	\$ 0.057249	1.29%
C	\$ 0.04263	\$ 0.043163	1.25%
Off-Peak Period			
Day Classification: A	\$ 0.05293	\$ 0.053608	1.28%
B	\$ 0.04263	\$ 0.043163	1.25%
C	\$ 0.03463	\$ 0.035050	1.21%
October 1 through April 30			
On-Peak Period			
Day Classification: A	\$ 0.12159	\$ 0.123236	1.35%
B	\$ 0.05651	\$ 0.057239	1.29%
C	\$ 0.04608	\$ 0.046662	1.26%
Off-Peak Period			
Day Classification: A	\$ 0.05865	\$ 0.059409	1.29%
B	\$ 0.04721	\$ 0.047808	1.27%
C	\$ 0.03805	\$ 0.038518	1.23%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

<b>Schedule 7 - Electric Heating (closed)</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Minimum Charge	\$ 18.77	\$ 19.07	1.60%
Demand Charge	Per kW	Per kW	
1st 100 kW or less included in Energy Charge	\$ -	\$ -	0.00%
All kW over 100 kW	\$ 3.420	\$ 3.470	1.46%
Energy Charge	Per kWh	Per kWh	
June through September - all kWh	\$ 0.09280	\$ 0.094151	1.46%
October through May - all kWh	\$ 0.06782	\$ 0.068778	1.41%

<b>Schedule 10 - LGS</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Basic Customer Charge	\$ 136.75	\$ 138.35	1.17%
Contract Demand Charge	Per kW	Per kW	
Primary Service - all kW of contract demand	\$ 1.495	\$ 1.513	1.20%
Secondary Service - all kW of contract demand	\$ 2.000	\$ 2.023	1.15%
Energy Charge	Per kWh	Per kWh	
<b>May 1 through September 30</b>			
On-Peak Period			
Day Classification: A	\$ 0.27310	\$ 0.276251	1.15%
B	\$ 0.05996	\$ 0.060610	1.08%
C	\$ 0.04913	\$ 0.049653	1.06%
Off-Peak Period			
Day Classification: A	\$ 0.11062	\$ 0.111864	1.12%
B	\$ 0.04321	\$ 0.043663	1.05%
C	\$ 0.04077	\$ 0.041194	1.04%
<b>October 1 through April 30</b>			
On-Peak Period			
Day Classification: A	\$ 0.27310	\$ 0.276251	1.15%
B	\$ 0.05997	\$ 0.060620	1.08%
C	\$ 0.04913	\$ 0.049653	1.06%
Off-Peak Period			
Day Classification: A	\$ 0.11062	\$ 0.111864	1.12%
B	\$ 0.04962	\$ 0.050148	1.06%
C	\$ 0.04077	\$ 0.041194	1.04%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

Schedule 26 - Outdoor Lighting Service			Current (1)	Proposed (2)	% Change
Watchlite, Area, and Roadway Lighting Service					
Luminaire	kWh	Type			
3,300	40	Mercury Vapor	\$ 11.49	\$ 11.91	3.66%
7,000	70	Mercury Vapor	\$ 13.47	\$ 13.94	3.49%
11,000	100	Mercury Vapor	\$ 15.94	\$ 16.48	3.39%
20,000	150	Mercury Vapor	\$ 20.56	\$ 21.25	3.36%
33,000	250	Mercury Vapor	\$ 34.87	\$ 36.02	3.30%
53,000	360	Mercury Vapor	\$ 43.14	\$ 44.55	3.27%
5,000	30	Sodium Vapor	\$ 12.30	\$ 12.75	3.66%
8,000	40	Sodium Vapor	\$ 13.19	\$ 13.66	3.56%
14,000	70	Sodium Vapor	\$ 15.04	\$ 15.56	3.46%
23,000	105	Sodium Vapor	\$ 19.33	\$ 19.99	3.41%
42,000	160	Sodium Vapor	\$ 30.55	\$ 31.61	3.47%
127,000	380	Sodium Vapor	\$ 45.00	\$ 46.48	3.29%
1	5	LED	\$ 9.95	\$ 10.33	3.82%
2	15	LED	\$ 11.81	\$ 12.25	3.73%
3	25	LED	\$ 13.30	\$ 13.79	3.68%
4	35	LED	\$ 14.19	\$ 14.70	3.59%
5	45	LED	\$ 16.11	\$ 16.69	3.60%
6	55	LED	\$ 19.43	\$ 20.13	3.60%
7	65	LED	\$ 20.64	\$ 21.38	3.59%
8	75	LED	\$ 21.79	\$ 22.57	3.58%
9	85	LED	\$ 23.53	\$ 24.37	3.57%
10	95	LED	\$ 24.58	\$ 25.45	3.54%
Premium Fixtures - Non-decorative Pole					
Lumens	kWh	Type			
5,000	30	Sodium Vapor	\$ 26.97	\$ 27.97	3.71%
8,000	40	Sodium Vapor	\$ 27.47	\$ 28.48	3.68%
14,000	70	Sodium Vapor	\$ 29.93	\$ 31.01	3.61%
23,000	105	Sodium Vapor	\$ 36.27	\$ 37.57	3.58%
42,000	160	Sodium Vapor	\$ 39.71	\$ 41.11	3.53%
1	5	LED	\$ 26.19	\$ 27.18	3.78%
2	15	LED	\$ 26.83	\$ 27.83	3.73%
3	25	LED	\$ 28.82	\$ 29.89	3.71%
4	35	LED	\$ 30.81	\$ 31.95	3.70%
5	45	LED	\$ 31.46	\$ 32.61	3.66%
6	55	LED	\$ 32.10	\$ 33.27	3.64%
7	65	LED	\$ 32.74	\$ 33.94	3.67%
8	75	LED	\$ 33.38	\$ 34.59	3.62%
9	85	LED	\$ 34.66	\$ 35.91	3.61%
10	95	LED	\$ 35.30	\$ 36.57	3.60%
Premium Fixtures - Decorative Fluted Pole					
Lumens	kWh	Type			
5,000	30	Sodium Vapor	\$ 41.05	\$ 42.58	3.73%
8,000	40	Sodium Vapor	\$ 42.24	\$ 43.80	3.69%
14,000	70	Sodium Vapor	\$ 44.25	\$ 45.86	3.64%
23,000	105	Sodium Vapor	n/a	n/a	
42,000	160	Sodium Vapor	n/a	n/a	
Premium Fixtures - Additional Unit on Same Pole					
Lumens	kWh	Type			
5,000	30	Sodium Vapor	\$ 12.68	\$ 13.14	3.63%
8,000	40	Sodium Vapor	\$ 13.17	\$ 13.64	3.57%
14,000	70	Sodium Vapor	\$ 14.75	\$ 15.26	3.46%
23,000	105	Sodium Vapor	\$ 21.06	\$ 21.79	3.47%
42,000	160	Sodium Vapor	\$ 24.50	\$ 25.33	3.39%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

Wide-Area Lighting Service (Expressway Fixture) - First Unit per Pole					
Lumens	kWh	Type			
23,000	105	Sodium Vapor	\$ 44.80	\$ 46.42	3.62%
42,000	160	Sodium Vapor	\$ 49.52	\$ 51.29	3.57%
Wide-Area Lighting Service (Expressway Fixture) - Each Additional on Same Pole					
Lumens	kWh	Type			
23,000	105	Sodium Vapor	\$ 26.65	\$ 27.59	3.53%
42,000	160	Sodium Vapor	\$ 30.89	\$ 31.96	3.46%
Directional Lighting Service (Expressway Fixture) - First Unit per Pole					
Lumens	kWh	Type			
20,000	150	Mercury Vapor	\$ 21.74	\$ 22.48	3.40%
53,000	360	Mercury Vapor	\$ 41.24	\$ 42.58	3.25%
42,000	105	Sodium Vapor	\$ 31.51	\$ 32.61	3.49%
127,000	380	Sodium Vapor	\$ 44.38	\$ 45.84	3.29%
Directional Lighting Service (Expressway Fixture) - Each Additional on Same Pole					
Lumens	kWh	Type			
20,000	150	Mercury Vapor	\$ 17.27	\$ 17.84	3.30%
53,000	360	Mercury Vapor	\$ 27.53	\$ 28.36	3.01%
42,000	105	Sodium Vapor	\$ 17.76	\$ 18.34	3.27%
127,000	380	Sodium Vapor	\$ 30.72	\$ 31.66	3.06%
Suburban Lighting Service - Residential Underground Only					
Lumens	kWh				
5,000	30		\$ 15.32	\$ 15.88	3.66%
8,000	40		\$ 16.12	\$ 16.70	3.60%

Schedule 30 - Co, Muni or Housing Authority Electric Svc	Current (1)	Proposed (2)	% Change
Basic Customer Charge	\$ 18.77	\$ 19.07	1.60%
Demand Charge	Per kW	Per kW	
1st 100 kW or less - Included in kWh Chg	\$ -	\$ -	0.00%
All kW over 100	\$ 3.430	\$ 3.480	1.46%
KW Minimum - Peak	\$ 5.660	\$ 5.750	1.59%
KW Minimum - Base	\$ 2.330	\$ 2.370	1.72%
Energy Charge	Per kWh	Per kWh	
June through September			
First 800 kWh	\$ 0.09367	\$ 0.095035	1.46%
Next 2200 kWh*	\$ 0.09297	\$ 0.094324	1.46%
Additional kWh	\$ 0.07211	\$ 0.073136	1.42%
October through May			
First 800 kWh	\$ 0.08623	\$ 0.087478	1.45%
Next 2200 kWh*	\$ 0.08554	\$ 0.086777	1.45%
Additional kWh	\$ 0.06483	\$ 0.065741	1.41%
*Add 200 kWh for each kW of demand over 10 through 30 kW, and add 100 kWh for each kW of demand over 30 kW.			

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.

Schedule 30T - Co, Muni, or State Traffic Control Svc	Current (1)	Proposed (2)	% Change
Basic Customer Charge	\$ 8.74	\$ 8.87	1.49%
Energy Charge	Per kWh	Per kWh	
All kWh	\$ 0.08003	\$ 0.081146	1.39%

Schedule 42 - Co, Muni, or Housing Authority all Electric Building Svc	Current (1)	Proposed (2)	% Change
Basic Customer Charge	\$ 18.77	\$ 19.07	1.60%
Demand Charge	Per kW	Per kW	
1st 100 kW of demand included in Energy Charge	\$ -	\$ -	0.00%
all kW over 100 kW	\$ 3.420	\$ 3.470	1.46%
Energy Charge	Per kWh	Per kWh	
June through September - all kWh	\$ 0.09280	\$ 0.094151	1.46%
October through May - all kWh	\$ 0.06782	\$ 0.068778	1.41%

Schedule NS	Current (1)	Proposed (2)	% Change
Monthly Customer Charge	\$4,488.02	\$4,580.65	2.06%
Demand Charge	Per kW	Per kW	
Transmission Service Charge	\$ 2.06600	\$ 2.10900	2.08%
Ancillary Service Charge	\$ 0.67600	\$ 0.69000	2.07%
Energy Charge	Per kWh	Per kWh	
Tier 1			N/A
Tier 2 (A)			1.94%
Tier 2 (B)			N/A
Tier 3			1.58%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.



<b>Rider D - Tax Effect Recovery (TERF)</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
TERF Rate Applied to Total Payment Amount	1.1542	1.1605	0.55%
<b>Miscellaneous Charges</b>	<b>Current (1)</b>	<b>Proposed (2)</b>	<b>% Change</b>
Section IV - Service Connections			
Connect Charge	\$ 29.58	\$ 37.66	27.33%
Section XII - Payments			
Returned Check Charge	\$ 13.33	\$ 13.33	0.02%
Section XIV - Customer Responsibility (Trouble Call Charge)	\$ -	\$ -	0.00%
Section XVII - Reconnection of the Supply of Electricity			
Reconnect Charge - Normal Hours	\$ 28.49	\$ 34.76	22.02%
Reconnect Charge - After Normal Hours	\$ 105.62	\$ 125.68	19.00%
Section XXI - Customer Requested Meter Tests			
Single Phase Meter Charge (a)	\$ 70.00	\$ 60.40	-13.71%
Three Phase Meter Charge (b)	\$ 93.33	\$ 120.80	29.43%
Section XXIII - Temporary Service			
Overhead Charge	\$ 395.58	\$ 460.03	16.29%
Underground from Transformer Charge	\$ 258.31	\$ 303.12	17.35%
Underground from Stub-up Charge	\$ 386.96	\$ 451.92	16.79%
Minimum Charge	\$ 28.49	\$ 34.76	22.02%
Facilities Charges - Distribution			
One-Time	0.44%	0.39%	-11.36%
Non-One Time	1.15%	1.08%	-6.09%
Facilities Charges - Transmission			
One-Time	0.15%	0.13%	-13.33%
Non-One Time	0.91%	0.84%	-7.69%

(1) Current rates include approved non-fuel base rates and base fuel rates effective 1/1/18.

(2) Proposed rates include proposed non-fuel base rates and base fuel rates, as proposed in Docket No. E-22 Sub 562.



**DOMINION ENERGY NORTH CAROLINA**  
**ALLOCATION OF PROPOSED REVENUE INCREASE**  
**12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE**  
**DOCKET NO. E-22, SUB 562**

BASE NON-FUEL						BASE FUEL			
1	PROPOSED BASE NON-FUEL RATE INCREASE	\$8,583,000	MISC. REVENUES						
2	LESS: CHANGE IN LATE PAYMENT REVENUE	\$20,570							
3	CHANGE IN LOAD MGT CREDITS	\$0							
4	CHANGE IN MISC SERVICE REVENUE	\$175,979							
5	CHANGE IN FACILITIES CHARGES	(\$93,647)							
6	REVENUE TO RATE SCHEDULES	\$8,480,099							
7	PRESENT BASE NON-FUEL REVENUE	\$255,583,747							
8	OVERALL BASE NON-FUEL REVENUE PERCENTAGE INCREASE	3.3179%							
		PRESENT			TARGET				
		BASE NON-FUEL			BASE NON-FUEL		PRESENT	PROPOSED	PERCENTAGE
		REVENUE INCL.	INCREASE IN	CHANGE IN	INCREASE IN	RATE SCHEDULE	BASE FUEL	BASE FUEL	CHANGE IN
		GROWTH THROUGH	BASE NON-FUEL	MISC	BASE NON-FUEL	PERCENT	AND RIDER A	AND RIDER A	BASE FUEL
		06/30/2019	REVENUE	REVENUE	REVENUE	INCREASE	REVENUE	REVENUE	CHANGE IN
A.	<b>CALCULATION OF PROPOSED CLASS PERCENTAGES</b>								
9	RESIDENTIAL	\$131,786,620	\$6,649,288	\$181,761	\$6,467,527	4.9076%	\$33,943,051	\$33,190,850	-\$752,201
10	SMALL GENERAL SERVICE & PUBLIC AUTH	\$51,267,447	\$770,349	(\$36,699)	\$807,048	1.5742%	\$17,149,793	\$16,761,466	-\$388,327
11	LARGE GENERAL SERVICE	\$30,770,735	\$337,646	(\$23,440)	\$361,086	1.1735%	\$14,753,346	\$14,416,637	-\$336,709
12	6VP	\$11,370,947	\$144,991	(\$15,321)	\$160,312	1.4098%	\$6,083,689	\$5,948,304	-\$135,385
13	SCHEDULE NS	\$25,645,414	\$482,256	(\$25,225)	\$507,481	1.9788%	\$19,201,152	\$18,776,919	-\$424,233
14	TRAFFIC	\$51,325	\$1,047	\$277	\$770	1.5002%	\$11,224	\$10,975	-\$249
15	OUTDOOR & STREET LIGHTS	\$4,691,258	\$197,424	\$21,549	\$175,875	3.7490%	\$510,346	\$499,036	-\$11,310
16	PRESENT BASE NON-FUEL REVENUE	\$255,583,747	\$8,583,000	\$102,901	\$8,480,099	3.3179%	\$91,652,601	\$89,604,188	-\$2,048,413
B.	<b>TOTAL PROPOSED BASE NON-FUEL REVENUES</b>								
	<b>EXCLUDES ALL FUEL, NON-FUEL RIDERS, MISC REVENUE</b>								
17	PRESENT BASE NON-FUEL REVENUE	\$255,583,747	\$131,786,620	\$51,267,447	\$30,770,735	\$11,370,947	\$25,645,414	\$51,325	\$4,691,258
18	PROPOSED BASE NON-FUEL REVENUE	\$264,063,846	\$138,254,147	\$52,074,495	\$31,131,821	\$11,531,259	\$26,152,895	\$52,095	\$4,867,133
19	CHANGE	\$8,480,099	\$6,467,527	\$807,048	\$361,086	\$160,312	\$507,481	\$770	\$175,875
20	% CHANGE	3.3179%	4.9076%	1.5742%	1.1735%	1.4098%	1.9788%	1.5002%	3.7490%
C.	<b>TOTAL PROPOSED BASE FUEL REVENUES</b>								
21	PRESENT BASE FUEL REVENUE + PRESENT RIDER A REVENUE	\$91,652,601	\$33,943,051	\$17,149,793	\$14,753,346	\$6,083,689	\$19,201,152	\$11,224	\$510,346
22	PROPOSED BASE FUEL REVENUE	\$89,604,188	\$33,190,850	\$16,761,466	\$14,416,637	\$5,948,304	\$18,776,919	\$10,975	\$499,036
23	CHANGE	(\$2,048,413)	(\$752,201)	(\$388,327)	(\$336,709)	(\$135,385)	(\$424,233)	(\$249)	(\$11,310)
24	% CHANGE	-2.2350%	-2.2161%	-2.2643%	-2.2823%	-2.2254%	-2.2094%	-2.2161%	-2.2161%
D.	<b>TOTAL PROPOSED BASE REVENUES</b>								
	<b>EXCLUDING MISCELLANEOUS REVENUES</b>								
25	PRESENT BASE NON FUEL AND BASE FUEL REVENUE	\$347,236,348	\$165,729,671	\$68,417,241	\$45,524,081	\$17,454,636	\$44,846,566	\$62,549	\$5,201,604
26	PROPOSED BASE NON FUEL AND BASE FUEL REVENUE	\$353,668,034	\$171,444,998	\$68,835,962	\$45,548,458	\$17,479,563	\$44,929,814	\$63,070	\$5,366,170
27	CHANGE	\$6,431,686	\$5,715,326	\$418,721	\$24,372	\$24,927	\$83,248	\$521	\$164,565
28	% CHANGE	1.8523%	3.4486%	0.6120%	0.0535%	0.1428%	0.1856%	0.8334%	3.1637%
E.	<b>TOTAL PROPOSED BASE REVENUES</b>								
	<b>INCLUDING MISCELLANEOUS REVENUES</b>								
29	PRESENT BASE NON FUEL AND BASE FUEL REVENUE	\$350,059,266	\$166,724,051	\$69,238,527	\$46,022,477	\$17,745,119	\$44,998,868	\$63,518	\$5,266,706
30	PROPOSED BASE NON FUEL AND BASE FUEL REVENUE	\$356,593,854	\$172,621,138	\$69,620,549	\$46,023,414	\$17,754,725	\$45,056,892	\$64,316	\$5,452,821
31	CHANGE	\$6,534,587	\$5,897,087	\$382,022	\$937	\$9,606	\$58,023	\$798	\$186,115
32	% CHANGE	1.8667%	3.5370%	0.5517%	0.0020%	0.0541%	0.1289%	1.2562%	3.5338%
F.	<b>TOTAL PROPOSED EDIT</b>								
33	PRESENT EDIT CHARGE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	PROPOSED EDIT CHARGE	\$649,000	\$334,644	\$130,183	\$78,136	\$28,874	\$65,121	\$130	\$11,912
35	CHANGE	\$649,000	\$334,644	\$130,183	\$78,136	\$28,874	\$65,121	\$130	\$11,912
G.	<b>TOTAL PROPOSED BASE REVENUES AND EDIT</b>								
36	PRESENT BASE NON FUEL AND BASE FUEL AND EDIT REVENUE	\$350,059,266	\$166,724,051	\$69,238,527	\$46,022,477	\$17,745,119	\$44,998,868	\$63,518	\$5,266,706
37	PROPOSED BASE NON FUEL AND BASE FUEL AND EDIT REVENUE	\$357,242,854	\$172,955,782	\$69,750,732	\$46,101,549	\$17,783,599	\$45,122,013	\$64,446	\$5,464,733
38	CHANGE	\$7,183,587	\$6,231,731	\$512,205	\$79,073	\$38,480	\$123,144	\$928	\$198,027
39	% CHANGE	2.0521%	3.7378%	0.7398%	0.1718%	0.2168%	0.2737%	1.4613%	3.7600%

**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT BASIC RATES 01/01/2018 #</b>	<b>PRESENT BASIC REVENUE (1) X (2)</b>	<b>PROPOSED BASIC RATES#</b>	<b>PROPOSED BASIC REVENUE (1) X (4)</b>	<b>TOTAL RATE WITH PROPOSED BASE FUEL \$0.02118</b>	<b>TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02132</b>
BASIC CUSTOMER CHARGE	1,231,424	\$10.40	\$12,806,810	\$10.91	\$13,434,836	\$10.91	\$10.91
PEAK MONTHS - ALL KWH	580,611,634	\$0.08494	\$49,317,152	\$0.089108	\$51,737,141	\$0.110288	\$0.110428
BASE MONTHS - ALL KWH	1,012,125,803	\$0.07079	\$71,648,386	\$0.074264	\$75,164,511	\$0.095444	\$0.095584
<b><u>CONSERVATION DISCOUNT - 5%</u></b>							
PEAK MONTHS - ALL KWH	35,249,115	\$0.08069	\$2,844,357	\$0.084653	\$2,983,943	\$0.104774	\$0.104907
BASE MONTHS - ALL KWH	52,816,447	\$0.06725	\$3,551,932	\$0.070551	\$3,726,253	\$0.090672	\$0.090805
TOTAL BASIC REVENUE	1,680,802,999		\$140,168,637		\$147,046,684		
BASIC PERCENTAGE INCREASE			4.9076%		4.9070%		
PROPOSED BASIC INCREASE			\$6,878,881		\$6,878,048		
TOTAL BASIC REVENUE LESS BCC			\$127,361,827				
FACTOR TO BE APPLIED TO BASE RATES			1.049076				

# EXCLUDES ALL FUEL.

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Sep 17 2019

DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1DF DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS <u>12/31/2018</u>	PRESENT BASIC RATES <u>01/01/2018 #</u>	PRESENT BASIC REVENUE <u>(1) X (2)</u>	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE <u>(1) X (4)</u>	TOTAL RATE WITH PROPOSED BASE FUEL <u>\$0.02118</u>	TOTAL RATE WITH PROPOSED TOTAL FUEL <u>\$0.02132</u>
BASIC CUSTOMER CHARGE	13,811	\$3.60	\$49,720	\$3.78	\$52,206	\$3.78	\$3.78
BASE MONTHS - ALL KWH	3,042,566	\$0.03170	\$96,449	\$0.033256	\$101,184	\$0.054436	\$0.054576
<u>CONSERVATION DISCOUNT - 5%</u>							
BASE MONTHS - ALL KWH	18,434	\$0.03012	\$555	\$0.031593	\$582	\$0.051714	\$0.051847
TOTAL BASIC REVENUE	3,061,000		\$146,724		\$153,972		
BASIC PERCENTAGE INCREASE			4.9076%		4.9395%		
PROPOSED BASIC INCREASE			\$7,201		\$7,247		
TOTAL BASIC REVENUE LESS BCC			\$97,004				
FACTOR TO BE APPLIED TO BASE RATES			1.049076				

# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1P DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT BASIC RATES 01/01/2018 #</b>	<b>PRESENT BASIC REVENUE (1) X (2)</b>	<b>PROPOSED BASIC RATES#</b>	<b>PROPOSED BASIC REVENUE (1) X (4)</b>	<b>TOTAL RATE WITH PROPOSED BASE FUEL \$0.02118</b>	<b>TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02132</b>
BASIC CUSTOMER CHARGE	3,540	\$15.55	\$55,047	\$16.31	\$57,737	\$16.31	\$16.31
PEAK MONTHS - ALL ON-PEAK KW	10,264	\$9.174	\$94,162	\$9.624	\$98,781	\$9.624	\$9.624
BASE MONTHS - ALL ON-PEAK KW	18,825	\$5.371	\$101,109	\$5.635	\$106,079	\$5.635	\$5.635
ALL ON-PEAK KWH	1,931,724	\$0.04512	\$87,159	\$0.047334	\$91,436	\$0.068514	\$0.068654
ALL OFF-PEAK KWH	4,786,117	\$0.02537	\$121,424	\$0.026615	\$127,383	\$0.047795	\$0.047935
<b>CONSERVATION DISCOUNT - 5%</b>							
PEAK MONTHS - ALL ON-PEAK KW	3,636	\$8.715	\$31,689	\$9.143	\$33,244	\$9.143	\$9.143
BASE MONTHS - ALL ON-PEAK KW	6,986	\$5.102	\$35,646	\$5.353	\$37,396	\$5.353	\$5.353
ALL ON-PEAK KWH	648,481	\$0.04286	\$27,796	\$0.044967	\$29,160	\$0.065088	\$0.065221
ALL OFF-PEAK KWH	1,582,677	\$0.02410	\$38,145	\$0.025284	\$40,016	\$0.045405	\$0.045538
TOTAL BASIC REVENUE	8,948,999		\$592,177		\$621,232		
BASIC PERCENTAGE INCREASE			4.9076%		4.9065%		
PROPOSED BASIC INCREASE			\$29,062		\$29,055		
TOTAL BASIC REVENUE LESS BCC			\$537,130				
FACTOR TO BE APPLIED TO BASE RATES			1.049076				

# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1T DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT BASIC RATES 01/01/2018 #</b>	<b>PRESENT BASIC REVENUE (1) X (2)</b>	<b>PROPOSED BASIC RATES#</b>	<b>PROPOSED BASIC REVENUE (1) X (4)</b>	<b>TOTAL RATE WITH PROPOSED BASE FUEL \$0.02118</b>	<b>TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02132</b>
BASIC CUSTOMER CHARGE	512	\$14.75	\$7,552	\$15.47	\$7,921	\$15.47	\$15.47
PEAK MONTHS - ALL ON-PEAK KWH	94,112	\$0.20392	\$19,191	\$0.213928	\$20,133	\$0.235108	\$0.235248
PEAK MONTHS - ALL OFF-PEAK KWH	221,916	\$0.03285	\$7,290	\$0.034462	\$7,648	\$0.055642	\$0.055782
BASE MONTHS - ALL ON-PEAK KWH	129,556	\$0.16593	\$21,497	\$0.174073	\$22,552	\$0.195253	\$0.195393
BASE MONTHS - ALL OFF-PEAK KWH	337,593	\$0.02822	\$9,527	\$0.029605	\$9,994	\$0.050785	\$0.050925
<b>CONSERVATION DISCOUNT - 5%</b>							
PEAK MONTHS - ALL ON-PEAK KWH	40,251	\$0.19372	\$7,798	\$0.203232	\$8,180	\$0.223353	\$0.223486
PEAK MONTHS - ALL OFF-PEAK KWH	93,999	\$0.03121	\$2,933	\$0.032739	\$3,077	\$0.052860	\$0.052993
BASE MONTHS - ALL ON-PEAK KWH	53,549	\$0.15763	\$8,441	\$0.165369	\$8,855	\$0.185490	\$0.185623
BASE MONTHS - ALL OFF-PEAK KWH	129,023	\$0.02681	\$3,459	\$0.028125	\$3,629	\$0.048246	\$0.048379
TOTAL BASIC REVENUE	1,099,999		\$87,689		\$91,990		
BASIC PERCENTAGE INCREASE			4.9076%		4.9054%		
PROPOSED BASIC INCREASE			\$4,303		\$4,301		
TOTAL BASIC REVENUE LESS BCC			\$80,137				
FACTOR TO BE APPLIED TO BASE RATES			1.049076				

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1W DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS <u>12/31/2018</u>	PRESENT BASIC RATES <u>01/01/2018 #</u>	PRESENT BASIC REVENUE <u>(1) X (2)</u>	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE <u>(1) X (4)</u>	TOTAL RATE WITH PROPOSED BASE FUEL <u>\$0.02118</u>	TOTAL RATE WITH PROPOSED TOTAL FUEL <u>\$0.02132</u>
BASIC CUSTOMER CHARGE	182	\$4.63	\$843	\$4.86	\$885	\$4.86	\$4.86
ALL KWH	93,000	\$0.02347	\$2,183	\$0.024622	\$2,290	\$0.045802	\$0.045942
TOTAL BASIC REVENUE	93,000		\$3,025		\$3,174		
BASIC PERCENTAGE INCREASE			4.9076%		4.9249%		
PROPOSED BASIC INCREASE			\$148		\$149		
TOTAL BASIC REVENUE LESS BCC			\$2,183				
FACTOR TO BE APPLIED TO BASE RATES			1.049076				

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 30T DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02118	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02132
BASIC CUSTOMER CHARGE	2,423	\$8.74	\$21,177	\$8.87	\$21,492	\$8.87	\$8.87
ALL KWH	525,000	\$0.05908	\$31,017	\$0.059966	\$31,482	\$0.081146	\$0.081286
TOTAL BASIC REVENUE	525,000		\$52,194		\$52,974		
BASIC PERCENTAGE INCREASE			1.5002%		1.4947%		
PROPOSED BASIC INCREASE			\$783		\$780		
TOTAL BASIC REVENUE LESS BCC			\$31,017				
FACTOR TO BE APPLIED TO BASE RATES			1.015002				

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5C DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
BASIC CUSTOMER CHARGE	184	\$22.20	\$4,085	\$22.55	\$4,149	\$22.55	\$22.55
<b>ENERGY CHARGES</b>							
FIRST 800 KWH - ALL	79,405	\$0.07259	\$5,764	\$0.073733	\$5,855	\$0.094883	\$0.095023
ADDITIONAL KWH - ALL	6,594,595	\$0.05891	\$388,488	\$0.059837	\$394,601	\$0.080987	\$0.081127
TOTAL BASIC REVENUE	6,674,000		\$398,336		\$404,605		
BASIC PERCENTAGE INCREASE			1.5742%		1.5736%		
PROPOSED BASIC INCREASE			\$6,271		\$6,268		
TOTAL BASIC REVENUE LESS BCC			\$394,252				
FACTOR TO BE APPLIED TO BASE RATES			1.015742				

# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
BASIC CUSTOMER CHARGE	179,218	\$18.77	\$3,363,922	\$19.07	\$3,417,687	\$19.07	\$19.07
FIRST 100 KW OR LESS	1,421,373	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ALL KW OVER 100	327,168	\$3.43	\$1,122,186	\$3.48	\$1,138,545	\$3.48	\$3.48
KW MINIMUM - PEAK	19,478	\$5.66	\$110,245	\$5.75	\$111,999	\$5.75	\$5.75
KW MINIMUM - BASE	10,680	\$2.33	\$24,884	\$2.37	\$25,312	\$2.37	\$2.37
KWH INCLUDED IN MINIMUM	840,988	\$0.00	\$0	\$0.00	\$0.00	\$0.00	\$0.00
<b><u>ENERGY - PEAK MONTHS</u></b>							
FIRST 800 KWH	30,083,792	\$0.07274	\$2,188,295	\$0.073885	\$2,222,741	\$0.095035	\$0.095175
NEXT 2200 KWH	96,776,055	\$0.07204	\$6,971,747	\$0.073174	\$7,081,491	\$0.094324	\$0.094464
ADDITIONAL KWH	96,404,476	\$0.05118	\$4,933,981	\$0.051986	\$5,011,683	\$0.073136	\$0.073276
<b><u>ENERGY - BASE MONTHS</u></b>							
FIRST 800 KWH	57,660,183	\$0.06530	\$3,765,210	\$0.066328	\$3,824,485	\$0.087478	\$0.087618
NEXT 2200 KWH	170,054,046	\$0.06461	\$10,987,192	\$0.065627	\$11,160,137	\$0.086777	\$0.086917
ADDITIONAL KWH	131,482,288	\$0.04390	\$5,772,072	\$0.044591	\$5,862,927	\$0.065741	\$0.065881
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	3,232	\$0.07129	\$230	\$0.072407	\$234	\$0.093134	\$0.093272
NEXT 2200 KWH	7,125	\$0.07060	\$503	\$0.071711	\$511	\$0.092438	\$0.092575
ADDITIONAL KWH	0	\$0.05016	\$0	\$0.050946	\$0	\$0.071673	\$0.071810
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	6,464	\$0.06399	\$414	\$0.065001	\$420	\$0.085728	\$0.085866
NEXT 2200 KWH	15,208	\$0.06332	\$963	\$0.064314	\$978	\$0.085041	\$0.085179
ADDITIONAL KWH	144	\$0.04302	\$6	\$0.043699	\$6	\$0.064426	\$0.064563
TOTAL BASIC REVENUE	583,334,001		\$39,241,852		\$39,859,155 1.5731% \$617,303		

NOTE: RATE DESIGN - SEE COMBINED RATE SCHEDULES 5 & 30 FOR RATE DESIGN.  
# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 30 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
BASIC CUSTOMER CHARGE	12,571	\$18.77	\$235,958	\$19.07	\$239,729	\$19.07	\$19.07
FIRST 100 KW OR LESS	180,244	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0.00
ALL KW OVER 100	77,305	\$3.43	\$265,156	\$3.48	\$269,021	\$3.48	\$3.48
KW MINIMUM - PEAK	5,796	\$5.66	\$32,805	\$5.75	\$33,327	\$5.75	\$5.75
KW MINIMUM - BASE	3,969	\$2.33	\$9,248	\$2.37	\$9,407	\$2.37	\$2.37
KWH INCLUDED IN MINIMUM	277,442						
<b><u>ENERGY - PEAK MONTHS</u></b>							
FIRST 800 KWH	2,087,948	\$0.07274	\$151,877	\$0.073885	\$154,268	\$0.095035	\$0.095175
NEXT 2200 KWH	12,220,802	\$0.07204	\$880,387	\$0.073174	\$894,245	\$0.094324	\$0.094464
ADDITIONAL KWH	14,935,542	\$0.05118	\$764,401	\$0.051986	\$776,439	\$0.073136	\$0.073276
<b><u>ENERGY - BASE MONTHS</u></b>							
FIRST 800 KWH	4,347,138	\$0.06530	\$283,868	\$0.066328	\$288,337	\$0.087478	\$0.087618
NEXT 2200 KWH	22,817,228	\$0.06461	\$1,474,221	\$0.065627	\$1,497,426	\$0.086777	\$0.086917
ADDITIONAL KWH	21,483,899	\$0.04390	\$943,143	\$0.044591	\$957,989	\$0.065741	\$0.065881
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	0	\$0.07129	\$0	\$0.072407	\$0	\$0.093134	\$0.093272
NEXT 2200 KWH	0	\$0.07060	\$0	\$0.071711	\$0	\$0.092438	\$0.092575
ADDITIONAL KWH	0	\$0.05016	\$0	\$0.050946	\$0	\$0.071673	\$0.071810
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	0	\$0.06399	\$0	\$0.065001	\$0	\$0.085728	\$0.085866
NEXT 2200 KWH	0	\$0.06332	\$0	\$0.064314	\$0	\$0.085041	\$0.085179
ADDITIONAL KWH	0	\$0.04302	\$0	\$0.043699	\$0	\$0.064426	\$0.064563
TOTAL BASIC REVENUE	78,169,999		\$5,041,064		\$5,120,188		
BASIC PERCENTAGE INCREASE					1.5696%		
BASIC INCREASE					\$79,123		

NOTE: RATE DESIGN - SEE COMBINED RATE SCHEDULES 5 & 30 FOR RATE DESIGN.  
# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
COMBINED RATE SCHEDULES 5 AND 30 FOR DERIVATION OF PROPOSED RATES (RATE DESIGN ONLY)  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
BASIC CUSTOMER CHARGE	191,789	\$18.77	\$3,599,880	\$19.07	\$3,657,416	\$19.07	\$19.07
FIRST 100 KW OR LESS	1,601,617	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0.00
ALL KW OVER 100	404,473	\$3.43	\$1,387,342	\$3.48	\$1,407,566	\$3.48	\$3.48
KW MINIMUM - PEAK	25,274	\$5.66	\$143,051	\$5.75	\$145,326	\$5.75	\$5.75
KW MINIMUM - BASE	14,649	\$2.33	\$34,132	\$2.37	\$34,718	\$2.37	\$2.37
KWH INCLUDED IN MINIMUM	1,118,430						
<b><u>ENERGY - PEAK MONTHS</u></b>							
FIRST 800 KWH	32,171,740	\$0.07274	\$2,340,172	\$0.073885	\$2,377,009	\$0.095035	\$0.095175
NEXT 2200 KWH	108,996,857	\$0.07204	\$7,852,134	\$0.073174	\$7,975,736	\$0.094324	\$0.094464
ADDITIONAL KWH	111,340,018	\$0.05118	\$5,698,382	\$0.051986	\$5,788,122	\$0.073136	\$0.073276
<b><u>ENERGY - BASE MONTHS</u></b>							
FIRST 800 KWH	62,007,321	\$0.06530	\$4,049,078	\$0.066328	\$4,112,822	\$0.087478	\$0.087618
NEXT 2200 KWH	192,871,274	\$0.06461	\$12,461,413	\$0.065627	\$12,657,563	\$0.086777	\$0.086917
ADDITIONAL KWH	152,966,187	\$0.04390	\$6,715,216	\$0.044591	\$6,820,915	\$0.065741	\$0.065881
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	3,232	\$0.07129	\$230	\$0.072407	\$234	\$0.093134	\$0.093272
NEXT 2200 KWH	7,125	\$0.07060	\$503	\$0.071711	\$511	\$0.092438	\$0.092575
ADDITIONAL KWH	0	\$0.05016	\$0	\$0.050946	\$0	\$0.071673	\$0.071810
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>							
FIRST 800 KWH	6,464	\$0.06399	\$414	\$0.065001	\$420	\$0.085728	\$0.085866
NEXT 2200 KWH	15,208	\$0.06332	\$963	\$0.064314	\$978	\$0.085041	\$0.085179
ADDITIONAL KWH	144	\$0.04302	\$6	\$0.043699	\$6	\$0.064426	\$0.064563
TOTAL BASIC REVENUE	661,504,000		\$44,282,916		\$44,979,343		
BASIC PERCENTAGE INCREASE			1.5742%		1.5727%		
PROPOSED BASIC INCREASE			\$697,098		\$696,427		
TOTAL BASIC REVENUE LESS BCC			\$40,683,036				
FACTOR TO BE APPLIED TO BASE RATES			1.015742				

# EXCLUDES ALL FUEL.

\* ADJUSTED TO MEET REVENUE REQUIREMENT

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 7 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
MINIMUM CHARGE	178	\$18.77	\$3,341	\$19.07	\$3,394	\$19.07	\$19.07
FIRST 100 KW OR LESS	9,231	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0.00
ALL KW OVER 100	0	\$3.42	\$0	\$3.47	\$0	\$3.47	\$3.47
<b>ENERGY CHARGES</b>							
PEAK MONTHS - ALL KWH	522,816	\$0.07187	\$37,575	\$0.073001	\$38,166	\$0.094151	\$0.094291
BASE MONTHS - ALL KWH	1,043,865	\$0.04689	\$48,947	\$0.047628	\$49,717	\$0.068778	\$0.068918
KWH IN MINIMUM CHARGE	33,319						
TOTAL BASE REVENUE	1,600,000		\$89,863		\$91,278 1.5747% \$1,415		

NOTE: RATE DESIGN - PROPOSED PRICES SET AT PROPOSED SCHEDULE 42 PRICING.  
# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 42 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS <u>12/31/2018</u>	PRESENT BASIC RATES <u>01/01/2018 #</u>	PRESENT BASIC REVENUE <u>(1) X (2)</u>	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE <u>(1) X (4)</u>	TOTAL RATE WITH PROPOSED BASE FUEL <u>\$0.02115</u>	TOTAL RATE WITH PROPOSED TOTAL FUEL <u>\$0.02129</u>
BASIC CUSTOMER CHARGE	8,959	\$18.77	\$168,160	\$19.07	\$170,848	\$19.07	\$19.07
FIRST 100 KW OR LESS	81,602	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0.00
ALL KW OVER 100	42,388	\$3.42	\$144,967	\$3.47	\$147,086	\$3.47	\$3.47
<b><u>ENERGY CHARGES</u></b>							
PEAK MONTHS - ALL KWH	13,851,835	\$0.07187	\$995,531	\$0.073001	\$1,011,198	\$0.094151	\$0.094291
BASE MONTHS - ALL KWH	29,109,165	\$0.04689	\$1,364,929	\$0.047628	\$1,386,411	\$0.068778	\$0.068918
TOTAL BASIC REVENUE	42,961,000		\$2,673,588		\$2,715,544		
BASIC PERCENTAGE INCREASE			1.5742%		1.5693%		
PROPOSED BASIC INCREASE			\$42,087		\$41,956		
TOTAL BASIC REVENUE LESS BCC			\$2,505,427				
FACTOR TO BE APPLIED TO BASE RATES			1.015742				

# EXCLUDES ALL FUEL.

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Sep 17 2019

DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5P DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02115	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02129
BASIC CUSTOMER CHARGE - 200 A - 1 PHASE	5,553	\$23.68	\$131,495	\$24.05	\$133,550	\$24.05	\$24.05
BASIC CUSTOMER CHARGE - ALL OTHER	3,217	\$79.20	\$254,786	\$80.45	\$258,808	\$80.45	\$80.45
ALL DISTRIBUTION DEMAND KW	284,460	\$1.880	\$534,785	\$1.910	\$543,319	\$1.910	\$1.910
<b>POWER SUPPLY DEMAND CHARGES</b>							
PEAK MONTHS - ALL ON-PEAK KW	93,643	\$9.786	\$916,390	\$9.940	\$930,811	\$9.940	\$9.940
BASE MONTHS - ALL ON-PEAK KW	171,193	\$7.245	\$1,240,293	\$7.359	\$1,259,809	\$7.359	\$7.359
<b>ENERGY CHARGES</b>							
ALL ON-PEAK KWH	52,674,516	\$0.03436	\$1,809,896	\$0.034901	\$1,838,393	\$0.056051	\$0.056191
ALL OFF-PEAK KWH	66,095,484	\$0.01915	\$1,265,729	\$0.019451	\$1,285,623	\$0.040601	\$0.040741
TOTAL BASIC REVENUE	118,770,000		\$6,153,375		\$6,250,313		
BASIC PERCENTAGE INCREASE			1.5742%		1.5754%		
PROPOSED BASIC INCREASE			\$96,866		\$96,938		
TOTAL BASIC REVENUE LESS BCC			\$5,767,093				
FACTOR TO BE APPLIED TO BASE RATES			1.015742				

# EXCLUDES ALL FUEL

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6P DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS <u>12/31/2018</u>	PRESENT BASIC RATES <u>01/01/2018 #</u>	PRESENT BASIC REVENUE <u>(1) X (2)</u>	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE <u>(1) X (4)</u>	TOTAL RATE WITH PROPOSED BASE FUEL <u>\$0.02098</u>	TOTAL RATE WITH PROPOSED TOTAL FUEL <u>\$0.02112</u>
BASIC CUSTOMER CHARGE	344	\$78.07	\$26,856	\$78.99	\$27,173	\$78.99	\$78.99
ALL POWER SUPPLY DEMAND KW	463,896	\$14.129	\$6,554,387	\$14.295	\$6,631,393	\$14.295	\$14.295
<b><u>DISTRIBUTION DEMAND KW</u></b>							
ALL DISTRIBUTION KW - PRIMARY SERVICE	228,430	\$1.022	\$233,455	\$1.034	\$236,197	\$1.034	\$1.034
ALL DISTRIBUTION KW - SECONDARY SERVICE	307,689	\$1.526	\$469,533	\$1.544	\$475,072	\$1.544	\$1.544
RKVA	178,702	\$0.187	\$33,417	\$0.189	\$33,775	\$0.189	\$0.189
<b><u>ENERGY CHARGES</u></b>							
ALL ON-PEAK KWH	92,193,967	\$0.02023	\$1,865,084	\$0.020467	\$1,886,934	\$0.041447	\$0.041587
ALL OFF-PEAK KWH	123,151,742	\$0.01375	\$1,693,336	\$0.013911	\$1,713,164	\$0.034891	\$0.035031
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>							
ALL ON-PEAK KWH	19,301,798	\$0.01983	\$382,666	\$0.020058	\$387,155	\$0.040618	\$0.040755
ALL OFF-PEAK KWH	22,613,493	\$0.01348	\$304,717	\$0.013633	\$308,290	\$0.034193	\$0.034330
TOTAL BASE REVENUE	257,261,000		\$11,563,452		\$11,699,152		
BASIC PERCENTAGE INCREASE			1.1735%		1.1735%		
PROPOSED BASIC INCREASE			\$135,694		\$135,700		
TOTAL BASIC REVENUE LESS BCC			\$11,536,596				
FACTOR TO BE APPLIED TO BASE RATES			1.011735				

# EXCLUDES ALL FUEL.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6C DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02098	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02112
BASIC CUSTOMER CHARGE	36	\$154.64	\$5,567	\$156.45	\$5,632	\$156.45	\$156.45
<b>CONTRACT DEMAND CHARGE</b>							
ALL KW - PRIMARY SERVICE	219,524	\$1.497	\$328,627	\$1.515	\$332,579	\$1.515	\$1.515
ALL KW - SECONDARY SERVICE	6,744	\$2.000	\$13,488	\$2.023	\$13,643	\$2.023	\$2.023
FIRM CONTRACT DEMAND - ALL KW	609	\$4.650	\$2,832	\$4.705	\$2,865	\$4.705	\$4.705
<b>ENERGY CHARGES</b>							
ALL KWH	5,087,000	\$0.03563	\$181,250	\$0.036048	\$183,376	\$0.057028	\$0.057168
ALL KWH - 2% DISCOUNT	0	\$0.03492	\$0	\$0.035327	\$0	\$0.055887	\$0.056025
TOTAL BASE REVENUE	5,087,000		\$531,764		\$538,096		
BASIC PERCENTAGE INCREASE			1.1735%		1.1907%		
PROPOSED BASIC INCREASE			\$6,240		\$6,332		
TOTAL BASIC REVENUE LESS BCC			\$526,197				
FACTOR TO BE APPLIED TO BASE RATES			1.011735				

# EXCLUDES ALL FUEL

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6L DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02098	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02112
BASIC CUSTOMER CHARGE	47	\$78.07	\$3,646	\$78.99	\$3,689	\$78.99	\$78.99
ALL POWER SUPPLY DEMAND KW	430,178	\$19.206	\$8,261,991	\$19.431	\$8,358,780	\$19.431	\$19.431
<b><u>DISTRIBUTION DEMAND KW</u></b>							
ALL DISTRIBUTION KW - PRIMARY SERVICE	45,448	\$0.994	\$45,175	\$1.006	\$45,721	\$1.006	\$1.006
ALL DISTRIBUTION KW - SECONDARY SERVICE	417,157	\$1.492	\$622,399	\$1.510	\$629,908	\$1.510	\$1.510
<b><u>ENERGY CHARGES</u></b>							
ALL ON-PEAK KWH	144,343,277	\$0.00504	\$727,490	\$0.005099	\$736,006	\$0.026079	\$0.026219
ALL OFF-PEAK KWH	103,540,723	\$0.00342	\$354,109	\$0.003460	\$358,251	\$0.024440	\$0.024580
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>							
ALL ON-PEAK KWH	0	\$0.00494	\$0	\$0.004997	\$0	\$0.025557	\$0.025695
ALL OFF-PEAK KWH	0	\$0.00335	\$0	\$0.003391	\$0	\$0.023951	\$0.024088
TOTAL ANNUALIZED REVENUE	247,884,000		\$10,014,810		\$10,132,355		
LESS: TOTAL FUEL REVENUE			1.1735%		1.1737%		
TOTAL BASIC REVENUE			\$117,521		\$117,545		
TOTAL BASIC REVENUE LESS BCC			\$10,011,164				
FACTOR TO BE APPLIED TO BASE RATES			1.011735				

# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 10 DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES# (1)	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02098	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02112
BASIC CUSTOMER CHARGE	278	\$136.75	\$38,017	\$138.35	\$38,461	\$138.35	\$138.35
<b>CONTRACT DEMAND CHARGE</b>							
ALL KW - PRIMARY SERVICE	242,997	\$1.495	\$363,281	\$1.513	\$367,654	\$1.513	\$1.513
ALL KW - SECONDARY SERVICE	293,565	\$2.000	\$587,130	\$2.023	\$593,882	\$2.023	\$2.023
<b>ENERGY CHARGES</b>							
A - ON-PEAK KWH - SUMMER	4,240,840	\$0.25231	\$1,070,006	\$0.255271	\$1,082,563	\$0.276251	\$0.276391
A - OFF-PEAK KWH - SUMMER	3,688,594	\$0.08983	\$331,346	\$0.090884	\$335,234	\$0.111864	\$0.112004
B - ON-PEAK KWH - SUMMER	18,869,964	\$0.03917	\$739,136	\$0.039630	\$747,817	\$0.060610	\$0.060750
B - OFF-PEAK KWH - SUMMER	16,230,064	\$0.02242	\$363,878	\$0.022683	\$368,147	\$0.043663	\$0.043803
C - ON-PEAK KWH - SUMMER	3,056,865	\$0.02834	\$86,632	\$0.028673	\$87,649	\$0.049653	\$0.049793
C - OFF-PEAK KWH - SUMMER	1,201,297	\$0.01998	\$24,002	\$0.020214	\$24,283	\$0.041194	\$0.041334
A - ON-PEAK KWH - WINTER	242,735	\$0.25231	\$61,244	\$0.255271	\$61,963	\$0.276251	\$0.276391
A - OFF-PEAK KWH - WINTER	227,023	\$0.08983	\$20,393	\$0.090884	\$20,633	\$0.111864	\$0.112004
B - ON-PEAK KWH - WINTER	23,132,247	\$0.03918	\$906,321	\$0.039640	\$916,962	\$0.060620	\$0.060760
B - OFF-PEAK KWH - WINTER	20,102,446	\$0.02883	\$579,554	\$0.029168	\$586,348	\$0.050148	\$0.050288
C - ON-PEAK KWH - WINTER	10,108,205	\$0.02834	\$286,467	\$0.028673	\$289,833	\$0.049653	\$0.049793
C - OFF-PEAK KWH - WINTER	4,093,424	\$0.01998	\$81,787	\$0.020214	\$82,744	\$0.041194	\$0.041334
<b>ENERGY CHARGES - 2% DISCOUNT</b>							
A - ON-PEAK KWH - SUMMER	1,658,006	\$0.24726	\$409,965	\$0.250166	\$414,777	\$0.270726	\$0.270863
A - OFF-PEAK KWH - SUMMER	1,487,823	\$0.08803	\$130,978	\$0.089066	\$132,514	\$0.109627	\$0.109764
B - ON-PEAK KWH - SUMMER	7,029,756	\$0.03839	\$269,848	\$0.038837	\$273,015	\$0.059398	\$0.059535
B - OFF-PEAK KWH - SUMMER	6,733,496	\$0.02197	\$147,946	\$0.022229	\$149,679	\$0.042790	\$0.042927
C - ON-PEAK KWH - SUMMER	1,157,537	\$0.02777	\$32,149	\$0.028100	\$32,527	\$0.048660	\$0.048797
C - OFF-PEAK KWH - SUMMER	537,113	\$0.01958	\$10,517	\$0.019810	\$10,640	\$0.040370	\$0.040507
A - ON-PEAK KWH - WINTER	116,542	\$0.24726	\$28,817	\$0.250166	\$29,155	\$0.270726	\$0.270863
A - OFF-PEAK KWH - WINTER	96,145	\$0.08803	\$8,464	\$0.089066	\$8,563	\$0.109627	\$0.109764
B - ON-PEAK KWH - WINTER	9,647,712	\$0.03840	\$370,437	\$0.038847	\$374,785	\$0.059408	\$0.059545
B - OFF-PEAK KWH - WINTER	9,080,372	\$0.02825	\$256,551	\$0.028585	\$259,562	\$0.049145	\$0.049282
C - ON-PEAK KWH - WINTER	3,907,710	\$0.02777	\$108,530	\$0.028100	\$109,807	\$0.048660	\$0.048797
C - OFF-PEAK KWH - WINTER	1,852,082	\$0.01958	\$36,265	\$0.019810	\$36,690	\$0.040370	\$0.040507
TOTAL BASE REVENUE	148,497,998		\$7,349,660		\$7,435,888		
BASIC PERCENTAGE INCREASE			1.1735%		1.1732%		
PROPOSED BASIC INCREASE			\$86,246		\$86,228		
TOTAL BASIC REVENUE LESS BCC			\$7,311,643				
FACTOR TO BE APPLIED TO BASE RATES			1.011735				

(1) SET "A DAY" PRICES EQUAL FOR ALL SEASONS  
# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6VP DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	BILLING UNITS 12/31/2018	PRESENT BASIC RATES 01/01/2018 #	PRESENT BASIC REVENUE (1) X (2)	PROPOSED BASIC RATES#	PROPOSED BASIC REVENUE (1) X (4)	TOTAL RATE WITH PROPOSED BASE FUEL \$0.02065	TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02078
BASIC CUSTOMER CHARGE	37	\$143.87	\$5,323	\$145.90	\$5,398	\$145.90	\$145.90
<b>MINIMUM CHARGE</b>							
ALL KW OF CONTRACT DEMAND	475,648	\$1.279	\$608,354	\$1.297	\$616,915	\$1.297	\$1.297
<b>CONTRACT DEMAND CHARGE - PRIMARY</b>							
FIRST 12,000 KW OF CONTRACT DEMAND	438,644	\$0.000	\$0	\$0.000	\$0	\$0.000	\$0.000
ADDITIONAL KW OF CONTRACT DEMAND	362,231	\$0.801	\$290,147	\$0.812	\$294,132	\$0.812	\$0.812
<b>CONTRACT DEMAND CHARGE - SECONDARY</b>							
FIRST 12,000 KW OF CONTRACT DEMAND	0	\$0.801	\$0	\$0.812	\$0	\$0.812	\$0.812
ADDITIONAL KW OF CONTRACT DEMAND	0	\$1.601	\$0	\$1.624	\$0	\$1.624	\$1.624
<b>CAPACITY SURCHARGE</b>							
ALL KWH UP TO 12,000 TIMES APPLICABLE HRS	3,658,672	\$0.425	\$1,554,936	\$0.431	\$1,576,888	\$0.431	\$0.431
ANY ADDITIONAL KWH DURING APPLICABLE HRS	297,197	\$0.359	\$106,694	\$0.364	\$108,180	\$0.364	\$0.364
<b>ENERGY CHARGES</b>							
A - ON-PEAK KWH - SUMMER	1,341,442	\$0.10116	\$135,700	\$0.102586	\$137,613	\$0.123236	\$0.123366
A - OFF-PEAK KWH - SUMMER	2,064,627	\$0.03250	\$67,100	\$0.032958	\$68,046	\$0.053608	\$0.053738
B - ON-PEAK KWH - SUMMER	15,264,961	\$0.03609	\$550,912	\$0.036599	\$558,682	\$0.057249	\$0.057379
B - OFF-PEAK KWH - SUMMER	12,895,776	\$0.02220	\$286,286	\$0.022513	\$290,323	\$0.043163	\$0.043293
C - ON-PEAK KWH - SUMMER	2,239,956	\$0.02220	\$49,727	\$0.022513	\$50,428	\$0.043163	\$0.043293
C - OFF-PEAK KWH - SUMMER	952,031	\$0.01420	\$13,519	\$0.014400	\$13,709	\$0.035050	\$0.035180
A - ON-PEAK KWH - WINTER	20,590	\$0.10116	\$2,083	\$0.102586	\$2,112	\$0.123236	\$0.123366
A - OFF-PEAK KWH - WINTER	12,432	\$0.03822	\$475	\$0.038759	\$482	\$0.059409	\$0.059539
B - ON-PEAK KWH - WINTER	7,627,574	\$0.03608	\$275,203	\$0.036589	\$279,085	\$0.057239	\$0.057369
B - OFF-PEAK KWH - WINTER	6,486,402	\$0.02678	\$173,706	\$0.027158	\$176,158	\$0.047808	\$0.047938
C - ON-PEAK KWH - WINTER	4,299,306	\$0.02565	\$110,277	\$0.026012	\$111,834	\$0.046662	\$0.046792
C - OFF-PEAK KWH - WINTER	1,583,673	\$0.01762	\$27,904	\$0.017868	\$28,297	\$0.038518	\$0.038648
BASE KWH	219,055,231	\$0.02991	\$6,551,942	\$0.030332	\$6,644,383	\$0.050982	\$0.051112
<b>ENERGY CHARGES WITH 2% DISC PLUS 2% SURCHARGE</b>							
A - ON-PEAK KWH - SUMMER	0	\$0.10112	\$0	\$0.102545	\$0	\$0.123187	\$0.123317
A - OFF-PEAK KWH - SUMMER	0	\$0.03249	\$0	\$0.032945	\$0	\$0.053587	\$0.053717
B - ON-PEAK KWH - SUMMER	0	\$0.03608	\$0	\$0.036584	\$0	\$0.057226	\$0.057356
B - OFF-PEAK KWH - SUMMER	0	\$0.02219	\$0	\$0.022504	\$0	\$0.043146	\$0.043276
C - ON-PEAK KWH - SUMMER	0	\$0.02219	\$0	\$0.022504	\$0	\$0.043146	\$0.043276
C - OFF-PEAK KWH - SUMMER	0	\$0.01419	\$0	\$0.014394	\$0	\$0.035036	\$0.035166
A - ON-PEAK KWH - WINTER	0	\$0.10112	\$0	\$0.102545	\$0	\$0.123187	\$0.123317
A - OFF-PEAK KWH - WINTER	0	\$0.03820	\$0	\$0.038743	\$0	\$0.059385	\$0.059515
B - ON-PEAK KWH - WINTER	0	\$0.03607	\$0	\$0.036574	\$0	\$0.057216	\$0.057346
B - OFF-PEAK KWH - WINTER	0	\$0.02677	\$0	\$0.027147	\$0	\$0.047789	\$0.047919
C - ON-PEAK KWH - WINTER	0	\$0.02564	\$0	\$0.026002	\$0	\$0.046643	\$0.046773
C - OFF-PEAK KWH - WINTER	0	\$0.01761	\$0	\$0.017861	\$0	\$0.038503	\$0.038633
BASE KWH	0	\$0.02990	\$0	\$0.030320	\$0	\$0.050962	\$0.051092
TOTAL BASE REVENUE	273,844,001		\$10,810,289		\$10,962,665		
BASIC PERCENTAGE INCREASE			1.4098%		1.4095%		
PROPOSED BASIC INCREASE			\$152,408		\$152,376		
TOTAL BASIC REVENUE LESS BCC			\$10,804,966				
FACTOR TO BE APPLIED TO BASE RATES			1.014098				

# EXCLUDES ALL FUEL.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE NS DERIVATION OF PROPOSED RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT BASIC RATES 01/01/2018 #</b>	<b>PRESENT BASIC REVENUE (1) X (2)</b>	<b>PROPOSED BASIC RATES#</b>	<b>PROPOSED BASIC REVENUE (1) X (4)</b>	<b>TOTAL RATE WITH PROPOSED BASE FUEL \$0.02036</b>	<b>TOTAL RATE WITH PROPOSED TOTAL FUEL \$0.02049</b>
MONTHLY CUSTOMER CHARGE	12	\$4,488.02	\$53,856	\$4,580.65	\$54,968	\$4,580.65	\$4,580.65
<b><u>RESERVATION DEMAND KW</u></b>							
TRANSMISSION CHARGE	2,017,526	\$2.06600	\$4,168,209	\$2.109	\$4,254,962	\$2.10900	\$2.10900
ANCILLARY SERVICE CHARGE	2,017,526	\$0.67600	\$1,363,848	\$0.690	\$1,392,093	\$0.69000	\$0.69000
<b><u>ENERGY CHARGES</u></b>							
TIER 1							
TIER 2 (A)							
TIER 2 (B)							
TIER 3							
TOTAL BASE REVENUE	918,042,000		\$25,528,524		\$26,034,515		
BASIC PERCENTAGE INCREASE			1.9788%		1.9821%		
PROPOSED BASIC INCREASE			\$505,168		\$505,991		
TOTAL PRESENT BASE REVENUE LESS TIER 1 AND TIER 2 (B)			\$24,476,436				
TOTAL BASIC REVENUE LESS BCC, LESS TIER 1 AND TIER 2(B)			\$24,422,579				
FACTOR TO BE APPLIED TO BASE RATES			1.020639				

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# EXCLUDES ALL FUEL.  
\* ADJUSTED TO MEET REVENUE REQUIREMENT

**Dominion Energy North Carolina  
Schedule LGS - RTP**

	<u>Present</u>	<u>Proposed</u>
Adder	\$0.00237	\$0.002398

Change Percentage	1.1735%
Factor to Apply to Prices	1.011735

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**DOMINION ENERGY NORTH CAROLINA  
DOCKET E-22, SUB 562**

**SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD  
SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT**

**Information for the initial calculation was taken from Item 45e Unit Cost Study and the Rate Schedule 6L design worksheet showing proposed basic revenue and rates filed on August 4, 2017 in Docket E-22, Sub 532.**

**Initial Calculation of Transmission Demand Charge in Docket No. E-22 Sub 532**

**Docket No. E-22 Sub 532**

From Item 45e Unit Cost Study	
LGS Class Transmission Demand Basic Rate Revenue	\$ 7,899,597
6VP Class Transmission Demand Basic Rate Revenue	\$ 2,413,190
Total LGS and 6VP Class Transmission Demand Basic Rate Revenue	\$ 10,312,787
Total LGS and 6VP Class Distribution Demand Units	3,373,150
Calculated Rate for Allocation	\$ 3.057
Schedule 6L Distribution Demand Units	848,134
Transmission Demand Basic Rate Revenue for Schedule 6L	\$ 2,593,014
Schedule 6L Power Supply Demand Units	800,655
Transmission Rate (\$ / Power Supply kW)	\$ 3.239
Change Due to Tax Reduction in Docket E-22 Sub 560	-5.1358%
Factor to Apply to Prices	0.94864185
Transmission Rate as Recalculated in Docket E-22 Sub 560	\$ 3.073

**Docket E-22 Sub 562**

Increase to LGS Class Revenue	1.1735%
Factor to Apply to Prices	1.011734721
Transmission Rate as Recalculated in Docket E-22 Sub 562	\$ 3.109

**DOMINION ENERGY NORTH CAROLINA**  
**DOCKET E-22, SUB 562**

**SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD**  
**SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT**

Information for the following calculation was taken from the Rate Schedule 6L design worksheet showing proposed basic revenue and rates filed on March 29, 2019 in Docket E-22, Sub 562.

**Calculation of Adder Component, 6LNONFUELAVG**

Rate Schedule 6L Power Supply and Energy Components	Schedule 6L Billing Units 12/31/2018	Proposed Basic Rates	Calculated Basic Revenue	Calculated Transmission Demand Rate (1)	Calculated Basic Transmission Revenue	Basic Revenue Excluding Transmission	Adder Component 6LNONFUELAVG  Basic Revenue Excluding Transmission Per kWh
Power Supply Demand kW	430,178	\$ 19.431	\$ 8,358,780	\$ 3.109	\$ 1,337,422	\$ 7,021,358	
<u>Energy Charges</u>							
All On-peak kWh	144,343,277	\$ 0.00510	\$ 736,006	\$ -	\$ -	\$ 736,006	
All Off-peak kWh	103,540,723	\$ 0.00346	\$ 358,251	\$ -	\$ -	\$ 358,251	
<u>Energy Charges - 2% Discount</u>							
All On-peak kWh	-	\$ 0.00500	\$ -	\$ -	\$ -	\$ -	
All Off-peak kWh	-	\$ 0.00339	\$ -	\$ -	\$ -	\$ -	
Total	247,884,000		\$ 9,453,038		\$ 1,337,422	\$ 8,115,616	\$ 0.032740

**Note**

1) From worksheets showing calculation of Transmission Demand Charge

## SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD

	<u>Present</u>	<u>Proposed (1)</u>
Capacity Surcharge	\$0.425	\$0.431

## SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT

Calculation of Basic Customer and Distribution Contract Demand Charges

	<u>Present</u>	<u>Proposed (2)</u>
Basic Customer Charge	\$78.07	\$78.99
Distribution Contract Demand Charge (Primary)	\$0.994	\$1.006
Distribution Contract Demand Charge (Secondary)	\$1.492	\$1.510

	<u>Present</u>	<u>Proposed (1)</u>
Capacity Surcharge	\$0.425	\$0.431

### Note:

(1) Charge comes from Schedule 6VP proposed rate

(2) Charge comes from Schedule 6L proposed rate

**NORTH CAROLINA  
FIXED CHARGE ANALYSIS  
EFFECTIVE 9/12/2019**

<b>ASSUMED CONDITIONS</b>	<b>DISTRIBUTION FIXED CHARGE</b>
Curve	<b>R 1.5</b>
(A) Book Life of Major Portion of Composite Property years	36
(B) Guideline Tax Life years - MACRS	20
(C) Allowance for Interim Retirements	
(D) Rate of Return	7.202%
(E) Debt Ratio	48.000%
(F) Debt Interest Rate	4.442%
(G) Federal Income Tax Rate	25.623%
(H) Property Tax Rate	0.745%
(I) Insurance	0.029%
(J) Salvage	0.000%
(K) Operation and Maintenance Expenses	2.190%
(L) Gross Receipts Tax Rate	0.000%
(M) Investment Tax Credit Rate	0.000%
(N) A & G Ratio (Excluding Insurance)	0.731%
(O) Materials & Supplies	0.000%
(P) General Plant Application	0.000%
<b>RETURN ON AND AMORTIZATION of INVESTMENT</b>	
(1) Rate of Return	7.202%
(2) Amortization Factor	0.773%
(3) Total Return and Amortization	7.975%
<b>FEDERAL INCOME TAX</b>	
(4) Total Return and Amortization	7.975%
(5) Book Depreciation (SLM = 1/A)	2.778%
(6) Balance for Return	5.198%
(7) Interest Deduction (#6 * E * F/D)	1.539%
(8) Tax Depreciation	2.777%
(9) Taxable Return After Federal Income Tax (#4 - #7 - #8)	3.659%
(10) Federal Inc Tax Before ITC (#9 * G)/(1 - G)	1.261%
(11) Investment Tax Credit (#5 * M)	0.000%
(12) Federal Income Tax (#10 - #11)	1.261%
<b>OTHER CHARGES</b>	
(13) Property Tax	0.745%
(14) Insurance	0.029%
(15) Operation and Maintenance Expenses	2.190%
(16) A & G Expense (Excluding Insurance)	0.731%
(17) Materials & Supplies	0.000%
(18) General Plant Application	0.000%
(19) Total Exclusive of G.R. Tax (#3 + #12 + #13 + #14 + #15 + #16 + #17 + #18)	12.9307%
(20) Gross Receipts Tax (#19 * (1/(1-L) - 1))	0.000%
<b>(21) Total Annual Revenue Requirements</b>	<b>12.9307%</b>
<b>(22) Monthly Revenue Requirement (#21/12)</b>	<b>1.08%</b>

**ANNUAL REVENUE REQUIREMENTS  
AFTER PAYMENT OF 100% OF  
EXCESS PLANT AND EQUIPMENT COST**

**ASSUMED CONDITIONS**

(A) Book Life of Major Portion of Composite Property years	36
(B) Amortization Factor	0.773%
(C) Federal Income Tax Rate	25.623%
(D) Property Tax Rate	0.745%
(E) Insurance (Self-Insured)	0.029%
(F) Operation and Maintenance Expense	2.190%
(G) Gross Receipts Tax Rate	0.000%
(H) A & G Ratio (Excluding Insurance)	0.731%
(I) Materials & Supplies	0.000%
(J) General Plant Application	0.000%
(K) Rate of Return	7.202%

Payment for Cost of Excess Plant and Equipment	100.000%
--	----------

**MONTHLY CHARGE**

(1) Amortization Factor	0.773%
(2) Federal Income Tax (#1 * C/(1-C))	0.266%
(3) Property Tax	0.745%
(4) Insurance	0.029%
(5) Operation and Maintenance Expenses	2.190%
(6) A & G	0.731%
(7) Materials & Supplies	0.000%
(8) General Plant Application	0.000%
(9) Sub Total	4.734%
(10) Gross Receipts Tax (#9 * (1/ (1-G) - 1))	0.000%
<b>(11) Total Annual Charge (#9+#10)</b>	<b>4.734%</b>
<b>(12) Monthly Charge (#11/12) Rounded</b>	<b>0.39%</b>

**NORTH CAROLINA  
FIXED CHARGE ANALYSIS  
EFFECTIVE 9/12/2019**

<b>ASSUMED CONDITIONS</b>	<b>TRANSMISSION FIXED CHARGE</b>
Curve	<b>R 3.0</b>
(A) Book Life of Major Portion of Composite Property years	56
(B) Guideline Tax Life years - MACRS	15
(C) Allowance for Interim Retirements	
(D) Rate of Return	7.202%
(E) Debt Ratio	48.000%
(F) Debt Interest Rate	4.442%
(G) Federal Income Tax Rate	25.623%
(H) Property Tax Rate	0.582%
(I) Insurance	0.029%
(J) Salvage	0.000%
(K) Operation and Maintenance Expenses	1.290%
(L) Gross Receipts Tax Rate	0.000%
(M) Investment Tax Credit Rate	0.000%
(N) A & G Ratio (Excluding Insurance)	0.209%
(O) Materials & Supplies	0.000%
(P) General Plant Application	0.000%
<b>RETURN ON AND AMORTIZATION of INVESTMENT</b>	
(1) Rate of Return	7.202%
(2) Amortization Factor	-0.403%
(3) Total Return and Amortization	6.799%
<b>FEDERAL INCOME TAX</b>	
(4) Total Return and Amortization	6.799%
(5) Book Depreciation (SLM = 1/A)	1.786%
(6) Balance for Return	5.013%
(7) Interest Deduction (#6 * E * F/D)	1.484%
(8) Tax Depreciation	1.786%
(9) Taxable Return After Federal Income Tax (#4 - #7 - #8)	3.529%
(10) Federal Inc Tax Before ITC (#9 * G)/(1 - G)	1.216%
(11) Investment Tax Credit (#5 * M)	0.000%
(12) Federal Income Tax (#10 - #11)	1.216%
<b>OTHER CHARGES</b>	
(13) Property Tax	0.582%
(14) Insurance	0.029%
(15) Operation and Maintenance Expenses	1.290%
(16) A & G Expense (Excluding Insurance)	0.209%
(17) Materials & Supplies	0.000%
(18) General Plant Application	0.000%
(19) Total Exclusive of G.R. Tax (#3 + #12 + #13 + #14 + #15 + #16 + #17 + #18)	10.1244%
(20) Gross Receipts Tax (#19 * (1/(1-L) - 1))	0.000%
<b>(21) Total Annual Revenue Requirements</b>	<b>10.1244%</b>
<b>(22) Monthly Revenue Requirement (#21/12)</b>	<b>0.84%</b>

**ANNUAL REVENUE REQUIREMENTS  
AFTER PAYMENT OF 100% OF  
EXCESS PLANT AND EQUIPMENT COST**

**ASSUMED CONDITIONS**

(A) Book Life of Major Portion of Composite Property years	56
(B) Amortization Factor	-0.403%
(C) Federal Income Tax Rate	25.623%
(D) Property Tax Rate	0.582%
(E) Insurance (Self-Insured)	0.029%
(F) Operation and Maintenance Expense	1.290%
(G) Gross Receipts Tax Rate	0.000%
(H) A & G Ratio (Excluding Insurance)	0.209%
(I) Materials & Supplies	0.000%
(J) General Plant Application	0.000%
(K) Rate of Return	7.202%

Payment for Cost of Excess Plant and Equipment 100.000%

**MONTHLY CHARGE**

(1) Amortization Factor	-0.403%
(2) Federal Income Tax (#1 * C/(1-C))	-0.139%
(3) Property Tax	0.582%
(4) Insurance	0.029%
(5) Operation and Maintenance Expenses	1.290%
(6) A & G	0.209%
(7) Materials & Supplies	0.000%
(8) General Plant Application	0.000%
(9) Sub Total	1.568%
(10) Gross Receipts Tax (#9 * (1/ (1-G) - 1))	0.000%
<b>(11) Total Annual Charge (#9+#10)</b>	<b>1.568%</b>
<b>(12) Monthly Charge (#11/12) Rounded</b>	<b>0.13%</b>

**DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE  
MISCELLANEOUS SERVICE CHARGES NC 2019**

Page 1 of 7

<b>Description</b>	<b>Charge</b>
Service Connection Charge	\$ 37.66
Service Reconnection Charge (During normal hours)	\$ 34.76
Service Reconnection Charge (After normal hours)	\$ 125.68
Customer Requested Meter Test (Single-phase meter)	\$ 60.40
Customer Requested Meter Test (Three-phase meter)	\$ 120.80
Temporary Service Charge (Overhead with 75 feet)	\$ 460.03
Temporary Service Charge (Underground within 3 feet of transformer)	\$ 303.12
Temporary Service Charge (Underground within 3 feet of service)	\$ 451.92

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**DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE**

Page 2 of 7

**SERVICE CONNECTION CHARGE**

Line No.	Description		Notes
1	2018 Service Connections	16,957	Line 2 plus Line 3
2	2018 Service Connections to New Homes	1,730	See 2018 Service Connects
3	2018 Service Connections to Existing Homes	15,227	See 2018 Service Connects
4	Business Service Center Charge	\$ 5.97	<b>See BSC Costs Tab</b>
5	Metering Reading Charge	\$ 35.30	<b>See calculations in (a)</b>
6	Total Charge	\$ 41.27	Line 4 plus Line 5
7	Cost to Connect New Homes	\$ 10,321	Line 2 times Line 4
8	Cost to Connect Existing Homes	\$628,357	Line 3 times Line 6
9	Total Cost to Connect	\$638,678	Line 7 plus Line 8
10	Weighted Average Connect Charge	<u>\$ 37.66</u>	Line 9 divided by Line 1

**(a) Meter Reading Charge**

15	Meter Servicer one hour straight time	\$ 64.82	See Labor and Vehicle Rates
16	One hour light van	\$ 26.96	See Labor and Vehicle Rates
17	Meter Reading Charge	\$ 91.78	Line 15 plus Line 16
18	Completed per hour	2.6	
19	Total Charge	\$ 35.30	Line 17 divided by Line 18

**SERVICE RECONNECTION CHARGES**

Line No.	Description		Notes
20	Meter Servicer one hour straight time	\$ 64.82	See Labor and Vehicle Rates
21	One hour Pickup Truck	\$ 10.05	See Labor and Vehicle Rates
22	Completed per hour	2.6	
23	Field Work Charge	\$ 28.80	Line 20 plus Line 21 divided by Line 22
24	Customer Service Center Charge	\$ 5.97	See Line 4
25	Service Reconnection Charge (During normal hours)	<u>\$ 34.76</u>	Line 23 plus Line 24
26	Meter Servicer two hours time and one-half (*)	\$ 109.66	See Labor and Vehicle Rates
27	One hour Pickup Truck	\$10.05	See Labor and Vehicle Rates
28	Field Work Charge	\$ 119.71	Line 26 plus Line 27
29	Customer Service Center Charge	\$ 5.97	See Line 4
30	Service Reconnection Charge (After normal hours)	<u>\$ 125.68</u>	Line 28 plus Line 29

**(\*) Based on two-hour minimum call out**

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**DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE**

Page 3 of 7

**Meter Test Calculations**

Meterman 1 hour of labor	\$ 93.84
Vehicle Cost per hour	\$26.96
<b>Total Charge per hour</b>	<b>\$120.80</b>

**Single Phase Meter Test**

Total Charge per hour	\$120.80
Charge per minute	\$2.01
Time Required for test (minutes)	30
<b>Total Charge for Single phase test</b>	<b>\$60.40</b>

**Three Phase Meter Test**

Total Charge per hour	\$120.80
Charge per minute	\$2.01
Time Required for test (minutes)	60
<b>Total Charge for Single phase test</b>	<b>\$120.80</b>

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DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE

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TEMPORARY SERVICE CHARGES

Line No.	Description	Notes
<b>Minimum Charge</b>		
1	Reconnection Charge (During normal hours)	\$ 34.76 Section XVII of the T & C's
2	Reconnection Charge (After normal hours)	\$ 125.68 Section XVII of the T & C's
<b>Overhead Service within 75 feet</b>		
3	Labor	\$ 291.40 See Note (a)
4	Vehicle/Equipment	\$ 68.50
5	Material	\$ 135.98
6	Salvage	\$ (35.85)
	Total	\$ 460.03
<b>Underground Service within 3 feet of a pad mounted transformer</b>		
7	Labor	\$ 188.28 See Note (a)
8	Vehicle/Equipment	\$ 45.48
9	Material	\$ 101.71
10	Salvage	\$ (32.35)
	Total	\$ 303.12
<b>Underground Service within 3 feet of an existing adequate secondary or service stub-up</b>		
11	Labor	\$ 302.78 See Note (a)
12	Vehicle/Equipment	\$ 79.78
13	Material	\$ 101.71
14	Salvage	\$ (32.35)
	Total	\$ 451.92

**NOTES:**

- (a) The temporary service charges (with the exception of the Minimum Charge) were based on work estimates calculated using the Company's Work Management Information System (WMIS)  
The Minimum Charge is the same as the Service Reconnection Charge

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**DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE**

Page 5 of 7

HOURLY LABOR RATES			HOURLY VEHICLE RATES	
Description	Straight Time	Time and One-half	Vehicle	Rate
Customer Account Specialist II	\$ 40.91		Light Van	\$26.96
Meter Servicer	\$ 64.82	\$ 54.83		
Field Meterman	\$ 93.84		Pickup Truck	\$10.05

**NOTES:**

All labor rates are the present SAP labor activity rates  
All straight time labor rates are loaded with payroll taxes and benefits  
All time and one-half rates are loaded with payroll taxes only  
All vehicle rates are the present SAP rates

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**DOMINION ENERGY NORTH CAROLINA 2019  
TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE**

**Customer Service Center Costs**

**Dominion Energy**

Customer Account Specialist II 1 hour straight time	\$	40.91
Wage per minute	\$	0.68
Minutes to establish Account in CBMS		9.88
Customer Service Center Charge	\$	6.74
Connects through Dominion		12,188
Total Cost of Connects	\$	82,104.62

**Managed Account (MA)**

Cost per connect		
Connects through MYA		248
Total Cost of Connects (See Note 1)	\$	-

**Faneuil**

Cost per minute	\$	0.62
Average Handle Time (Minutes)		6.8
Average Cost per Connect	\$	4.22
Connects through Faneuil		4,521
Total Cost of Connects	\$	19,060.54

Total Cost of Connects	\$	101,165.16
Total Connects		16,957
Average Cost per Connect	<b>\$</b>	<b><u>5.97</u></b>

Note 1: There are no labor costs associated with accounts established using Managed Account

**DOMINION ENERGY NORTH CAROLINA**  
**TERMS AND CONDITIONS FOR THE PROVISION OF ELECTRIC SERVICE**  
**2018 Connects**

Sum of COUNT	Column Labels	DOM OTHER	NC	DOM OTHER Total	FANUEIL	NC	FANUEIL Total	MYA	NC	MYA Total	Grand Total
<b>Class</b>											
<b>R</b>		11,114		11,114	4,502		4,502	248		248	15,864
SOTN		2,289		2,289	3,563		3,563	195		195	6,047
SOTNREAD		8,825		8,825	939		939	53		53	9,817
<b>I</b>		1		1							1
SOTNREAD		1		1							1
<b>C</b>		1,014		1,014	19		19				1,033
SOTN		391		391	11		11				402
SOTNREAD		623		623	8		8				631
<b>G</b>		59		59							59
SOTN		25		25							25
SOTNREAD		34		34							34
<b>Grand Total</b>		<b>12,188</b>		<b>12,188</b>	<b>4,521</b>		<b>4,521</b>	<b>248</b>		<b>248</b>	<b>16,957</b>

VIRGINIA ELECTRIC AND POWER COMPANY  
CIAC TAX GROSS-UP CALCULATION  
North Carolina - 2018

CIAC Gross-Up	100.000000%	
Income Subject to State Income Tax	100.000000%	
VA State Income Tax Rate	5.611380%	5.611380%
NC State Income Tax Rate	0.092183%	0.092183%
WV State Income Tax Rate	0.148122%	0.148122%
Income Subject to Federal Tax	94.148315%	
Federal Income Tax	19.771146%	21.000000%
Total Tax Rate	25.622831%	
Reciprocal	74.377169%	

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VIRGINIA ELECTRIC AND POWER COMPANY  
TAX ON CIAC NET OF PRESENT VALUE  
OF FUTURE DEPRECIATION DEDUCTIONS  
DISTRIBUTION PROPERTY  
North Carolina TERF Rate

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Taxable Income-CIAC		\$100,000
VA State Income Tax	\$5,611	
NC State Income Tax	\$92	
WV State Income Tax	\$148	
Total State Income Tax	<u>\$5,851</u>	
Current Federal Tax on CIAC Net of State Income Tax Deduction	19,771	
Total Federal and State Income Tax	<u>\$25,622</u>	
Discounted Tax Benefit from Depreciation	(13,682)	
Net Cost of Tax on CIAC	<u>\$11,940</u>	
Total Payment Required to Neutralize Tax Effect		16,054
Total Taxable Income (CIAC Plus Gross-Up)		<u>\$116,054</u>
VA. State Income Tax		6,512
NC. State Income Tax		107
WV. State Income Tax		172
Total State Income Tax		<u>6,791</u>
Federal Taxable Income		\$109,263
Total Current Federal Tax		<u>\$22,945</u>
Add: Total State Income Tax		6,791
Total Tax Payments		<u>\$29,736</u>
Less: Present Value of Depreciation		13,682
Total Additional Contribution from Customer		<u>\$16,054</u>
Discounted Gross-Up Percentage		<u>16.054%</u>

NC authorized rate of return on rate base 7.790% discounted 7.2558%



**Dominion Energy North Carolina**  
**Docket E-22, Sub 562**  
**For the test year ended December 31, 2018**

**Item No. 42**

**See attachments for Item Nos. 42a, 42b, and 42c**

- a. If not included in Item 45, file test year revenues from sale of electricity for each NC Retail rate schedule based on:

1. Per books revenues
2. Present rates annualized
3. Proposed rates annualized - **Updated**

For each rate schedule in 42a(1) through 42a(3) above, show separate amounts for: a. Basic rate revenue, b. Other revenues from sales of electricity (facilities charges, etc.)

- b. If not shown separately in Item 45, file test year operating revenues from sources other than sales of electricity based on:

1. Per books revenues
2. Present rates annualized
3. Proposed rates annualized - **Updated**

Show separate amounts for each operating revenue account included in 42b(1) through 42b(3) above.

- c. Provide detailed workpapers showing the calculation of revenues for each NC retail rate schedule in 42a and 42b above. Where applicable, show the number of billing units used in the calculations, such as the kWh usage or the kW billing demand, as appropriate, in each rate block (may be combined with Item 39c if desired). - **Updated**

**DOMINION ENERGY NORTH CAROLINA  
PER BOOKS REVENUE BY RATE SCHEDULE  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

RATE SCHEDULE	ANNUAL KWH SALES	BASIC REVENUE			TOTAL BILLED BASIC REVENUE	RIDERS	FUEL	TOTAL
		BASIC RATE SCHEDULE REVENUE	FACILITIES CHARGE REVENUE	LOAD MANAGEMENT		TOTAL RIDER REVENUE	TOTAL FUEL REVENUE	TOTAL REVENUE
1	1,680,802,999	\$147,259,900	\$127	\$0	\$147,260,028	(\$1,991,651)	\$33,294,027	\$178,562,403
1DF	3,061,000	\$154,654	\$0	\$0	\$154,654	(\$3,700)	\$61,183	\$212,137
1P	8,948,999	\$624,076	\$0	\$0	\$624,076	(\$12,006)	\$176,737	\$788,806
1T	1,099,999	\$92,394	\$0	\$0	\$92,394	(\$1,549)	\$21,738	\$112,584
1W	93,000	\$3,222	\$0	\$0	\$3,222	(\$151)	\$1,840	\$4,911
5	583,334,001	\$41,539,095	\$49,439	\$0	\$41,588,535	\$136,322	\$11,507,070	\$53,231,926
5C	6,674,000	\$436,611	\$0	\$0	\$436,611	\$3,137	\$129,113	\$568,861
5P	118,770,000	\$6,639,415	\$482,560	\$0	\$7,121,975	(\$52,872)	\$2,342,376	\$9,411,478
6C	5,087,000	\$575,433	\$0	\$0	\$575,433	(\$1,310)	\$99,424	\$673,547
6P	257,261,000	\$12,232,160	\$131,145	(\$12,007)	\$12,351,299	(\$239,012)	\$5,027,342	\$17,139,629
6VP	273,844,001	\$11,455,360	\$249,448	\$0	\$11,704,808	(\$352,839)	\$5,266,052	\$16,618,022
6L	247,884,000	\$10,405,222	\$215,435	\$0	\$10,620,657	(\$251,052)	\$4,844,509	\$15,214,113
7	1,600,000	\$94,920	\$0	\$0	\$94,920	(\$1,078)	\$31,777	\$125,619
10	148,497,998	\$7,721,692	\$39,704	\$0	\$7,761,396	(\$68,545)	\$2,901,578	\$10,594,429
LGS RTP w/CBL	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LGS RTP w/ED	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NS	918,042,000	\$27,282,511	\$8,434	\$0	\$27,290,944	(\$770,910)	\$17,377,042	\$43,897,076
26	24,128,000	\$4,963,157	\$0	\$0	\$4,963,157	(\$155,859)	\$476,184	\$5,283,482
30	78,169,999	\$5,311,327	\$28	\$0	\$5,311,355	(\$13,724)	\$1,540,504	\$6,838,134
30T	525,000	\$56,844	\$0	\$0	\$56,844	(\$1,831)	\$10,350	\$65,362
42	42,961,000	\$2,835,988	\$34	\$0	\$2,836,022	(\$2,294)	\$849,155	\$3,682,883
TOTAL	4,400,783,996	\$279,683,982	\$1,176,354	(\$12,007)	\$280,848,329	(\$3,780,927)	\$85,958,000	\$363,025,402

DOMINION ENERGY NORTH CAROLINA  
ANNUALIZED REVENUE REFLECTS 01/01/2018 BASIC RATES  
12 MONTHS ENDED DECEMBER 31, 2018  
ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH  
DOCKET NO. E-22, SUB 562

NCUC Form E-1  
Settlement Item No. 42  
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		BOOKED 12/31/2018			BOOKED KWH						
LINE NO.		CUST INCLUDING GROWTH THROUGH 06/30/2019	SALES INCLUDING GROWTH THROUGH 06/30/2019	BASIC RATE REVENUE #	RIDER NON-FUEL REVENUE #	BASE FUEL REVENUE	RIDER A FUEL REVENUE	RIDER B FUEL REVENUE	FUEL REVENUE #	TOTAL REVENUE	
RESIDENTIAL											
1	SCHEDULE 1	102,788	1,680,802,999	\$140,168,637	\$2,564,521	\$35,120,574	\$1,190,244	\$6,571,487	\$42,882,305	\$185,615,462	
2	SCHEDULE 1DF (DUEL FUEL)	1,131 *	3,061,000	\$146,724	\$3,698	\$64,109	\$2,173	\$11,996	\$78,277	\$228,699	
3	SCHEDULE 1P (TIME-OF-USAGE)	330	8,948,999	\$592,177	\$12,275	\$185,144	\$6,275	\$34,643	\$226,062	\$830,514	
4	SCHEDULE 1T (TIME-OF-USAGE)	41	1,099,999	\$87,689	\$1,586	\$22,713	\$770	\$4,250	\$27,733	\$117,007	
5	SCHEDULE 1W (WATER HEATER)	16 *	93,000	\$3,025	\$111	\$1,948	\$66	\$365	\$2,379	\$5,516	
6	SUBTOTAL - RESIDENTIAL	103,159 **	1,694,005,997	\$140,998,252	\$2,582,191	\$35,394,489	\$1,199,527	\$6,622,740	\$43,216,755	\$186,797,198	
7	INCREASED USAGE, WEATHER & CUST GROWTH	247	(120,104,930)	(\$9,016,171)	(\$183,077)	(\$2,509,467)	(\$85,046)	(\$469,552)	(\$3,064,066)	(\$12,263,314)	
8	ENERGY REDUCTION DUE TO EE		(2,613,228)	(\$195,460)	\$0	(\$54,601)	(\$1,850)	(\$10,216)	(\$66,668)	(\$262,127)	
9	SUBTOTAL - RESIDENTIAL	103,406	1,571,287,839	\$131,786,620	\$2,399,114	\$32,830,421	\$1,112,630	\$6,142,971	\$40,086,022	\$174,271,756	
SMALL GEN SERVICE & PUBLIC AUTHORITY											
10	SCHEDULE 5	15,216	583,334,001	\$39,241,852	\$1,727,357	\$12,209,167	\$414,167	\$2,286,667	\$14,910,001	\$55,879,209	
11	SCHEDULE 5C (COTTON GIN)	16	6,674,000	\$398,336	\$15,863	\$139,687	\$4,739	\$26,162	\$170,587	\$584,786	
12	SCHEDULE 5P (TIME-OF-USAGE)	756	118,770,000	\$6,153,375	\$287,785	\$2,485,856	\$84,327	\$465,578	\$3,035,761	\$9,476,921	
13	SCHEDULE 7	69 *	1,600,000	\$89,863	\$3,568	\$33,488	\$1,136	\$6,272	\$40,896	\$134,326	
14	SCHEDULE 30 - (PUBLIC AUTHORITY)	1,091	78,169,999	\$5,041,064	\$204,967	\$1,636,098	\$55,501	\$306,426	\$1,998,025	\$7,244,057	
15	SCHEDULE 42 - (ALL ELEC / PUB AUTH)	760	42,961,000	\$2,673,588	\$117,203	\$899,174	\$30,502	\$168,407	\$1,098,083	\$3,888,873	
16	SUBTOTAL - SGS & PUBLIC AUTHORITY	17,839 **	831,509,000	\$53,598,077	\$2,356,742	\$17,403,470	\$590,371	\$3,259,513	\$21,253,354	\$77,208,173	
17	INCREASED USAGE, WEATHER & CUST GROWTH	29	(35,309,867)	(\$2,072,484)	(\$100,079)	(\$739,035)	(\$25,070)	(\$138,415)	(\$902,520)	(\$3,075,082)	
18	ENERGY REDUCTION DUE TO EE		(3,694,203)	(\$258,146)	\$0	(\$77,320)	(\$2,623)	(\$14,481)	(\$94,424)	(\$352,570)	
19	SUBTOTAL - SGS & PA	17,868	792,504,930	\$51,267,447	\$2,256,664	\$16,587,115	\$562,678	\$3,106,617	\$20,256,410	\$73,780,521	
LARGE GEN SERVICE											
20	SCHEDULE 6C	3	5,087,000	\$531,764	\$11,935	\$105,759	\$3,459	\$19,788	\$129,006	\$672,705	
21	SCHEDULE 6L	4	247,884,000	\$10,014,810	\$525,209	\$5,153,508	\$168,561	\$964,269	\$6,286,338	\$16,826,358	
22	SCHEDULE 6P	28	257,261,000	\$11,563,452	\$573,122	\$5,331,028	\$174,367	\$997,484	\$6,502,880	\$18,639,453	
23	SCHEDULE 10	23	148,497,998	\$7,349,660	\$338,376	\$3,069,267	\$100,390	\$574,288	\$3,743,945	\$11,431,981	
24	SCHEDULE LGS-RTP WITH CBL	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
25	SCHEDULE LGS-RTP WITH ED	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
26	SUBTOTAL - LARGE GENERAL SERVICE	58	658,729,998	\$29,459,686	\$1,448,641	\$13,659,562	\$446,777	\$2,555,830	\$16,662,169	\$47,570,497	
27	INCREASED USAGE, WEATHER & CUST GROWTH	-2	31,449,955	\$1,401,572	\$69,163	\$652,153	\$21,331	\$122,024	\$795,507	\$2,266,242	
28	ENERGY REDUCTION DUE TO EE		(1,236,422)	(\$90,524)	\$0	(\$25,639)	(\$839)	(\$4,797)	(\$31,275)	(\$121,798)	
29	SUBTOTAL - LGS	56	688,943,531	\$30,770,735	\$1,517,804	\$14,286,076	\$467,269	\$2,673,056	\$17,426,402	\$49,714,941	
30	SCHEDULE 6VP	3	273,844,001	\$10,810,289	\$575	\$5,594,633	\$188,952	\$1,048,823	\$6,832,408	\$17,643,272	
31	INCREASED USAGE, WEATHER & CUST GROWTH	0	14,209,476	\$560,658	\$30	\$290,300	\$9,805	\$54,422	\$354,526	\$915,215	
32	SUBTOTAL - 6VP	3	288,053,477	\$11,370,947	\$605	\$5,884,933	\$198,757	\$1,103,245	\$7,186,934	\$18,558,486	
33	SCHEDULE NS	1	918,042,000	\$25,528,524	\$0	\$18,489,366	\$624,269	\$3,461,018	\$22,574,653	\$48,103,177	
34	INCREASED USAGE, WEATHER & CUST GROWTH	0	4,203,529	\$116,890	\$0	\$84,659	\$2,858	\$15,847	\$103,365	\$220,255	
35	SUBTOTAL - NS	1	922,245,529	\$25,645,414	\$0	\$18,574,025	\$627,127	\$3,476,866	\$22,678,018	\$48,323,432	
36	TRAFFIC CONTROL										
37	SCHEDULE 30T - TRAFFIC CONTROL	193	525,000	\$52,194	\$0	\$10,999	\$373	\$2,058	\$13,430	\$65,624	
38	INCREASED USAGE, WEATHER & CUST GROWTH	-1	(6,826)	(\$869)	\$0	(\$143)	(\$5)	(\$27)	(\$175)	(\$1,043)	
39	SUBTOTAL - 30T	192	518,174	\$51,325	\$0	\$10,856	\$368	\$2,031	\$13,255	\$64,580	
OUTDOOR LIGHTING SERVICE											
40	SCHEDULE 26 - OUTDOOR LIGHTING	12,100 *	16,826,000	\$3,224,613	\$0	\$352,505	\$11,946	\$65,958	\$430,409	\$3,655,022	
41	SCHEDULE 26 - STREET & ROADWAY	249	7,302,000	\$1,478,498	\$0	\$152,977	\$5,184	\$28,624	\$186,785	\$1,665,283	
42	SUBTOTAL - OUTDOOR LIGHTING SERVICE	249 **	24,128,000	\$4,703,111	\$0	\$505,482	\$17,131	\$94,582	\$617,194	\$5,320,306	
43	INCREASED USAGE, WEATHER & CUST GROWTH	2	(365,862)	\$2,928	\$0	(\$7,665)	(\$260)	(\$1,434)	(\$9,359)	(\$6,431)	
44	ENERGY REDUCTION DUE TO EE		(200,470)	(\$14,781)	\$0	(\$4,200)	(\$142)	(\$786)	(\$5,128)	(\$19,909)	
45	SUBTOTAL - ODL SERVICE	251	23,561,668	\$4,691,258	\$0	\$493,617	\$16,729	\$92,362	\$602,707	\$5,293,966	
46	SUBTOTAL - NUMBERED RATE SCHEDULES	121,777 **	4,287,115,148	\$255,583,747	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$370,007,682	
47	ECONOMIC DEVELOPMENT RIDER			\$0	\$0	\$0	\$0	\$0	\$0	\$0	
48	LOAD MANAGEMENT CREDITS			(\$12,007)	\$0	\$0	\$0	\$0	\$0	(\$12,007)	
49	FACILITIES CHARGES			\$1,121,097	\$0	\$0	\$0	\$0	\$0	\$1,121,097	
50	TOTAL - SALES OF ELECTRICITY	121,777 **	4,287,115,148	\$256,692,838	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$371,116,773	
51	MISCELLANEOUS SERVICE REVENUE			\$527,014	\$0	\$0	\$0	\$0	\$0	\$527,014	
52	FORFEITED DISCOUNT (LATE PAYMENT)			\$1,186,814	\$0	\$0	\$0	\$0	\$0	\$1,186,814	
53	TOTAL - MISCELLANEOUS REVENUE			\$1,713,827	\$0	\$0	\$0	\$0	\$0	\$1,713,827	
54	TOTAL - SALES OF ELECTRICITY	121,777 **	4,287,115,148	\$258,406,665	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$372,830,601	

**NOTES:**

\* DUPLICATE CUSTOMERS.

\*\* EXCLUDES DUPLICATE CUSTOMERS.

# REVENUE BASED ON RATES EFFECTIVE 01/01/2018.

OFFICIAL COPY  
Sep 17 2019

**DOMINION ENERGY NORTH CAROLINA**  
**INCREASED USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH CALCULATION**  
**12 MONTHS ENDED DECEMBER 31, 2018**  
**DOCKET NO. E-22, SUB 562**

	<b>06/30/2019 END-OF-PERIOD CUSTOMERS</b>	<b>KWH ATTRIBUTED TO INCREASED USAGE</b>	<b>TOTAL WEATHER EFFECT KWH</b>	<b>KWH ATTRIBUTED TO CUSTOMER GROWTH</b>	<b>TOTAL KWH</b>	<b>PRESENT BASIC AVERAGE RATE</b>	<b>PRESENT BASIC AVERAGE RATE EXCLUDING BCC</b>	<b>TOTAL INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH ADJUSTMENT</b>
RESIDENTIAL	103,406	(10,827,642)	(117,743,610) *	8,466,322	(120,104,930)	\$0.08323	\$0.07561	(\$9,016,171)
SCHEDULE 7	70 &	(37,534)	(166,739) *	(21,378)	(225,651)	\$0.05616	\$0.05408	(\$12,247)
OUTDOOR LIGHTING	12,081 &	(45,425)	0 #	(30,242)	(75,667)	\$0.19164	\$0.02791	(\$7,064)
STREET LIGHTS	251	(399,948)	0 #	109,753	(290,195)	\$0.20248	\$0.03058	\$9,992
TRAFFIC LIGHTS	192	4,714	0 #	(11,540)	(6,826)	\$0.09942	\$0.05908	(\$869)
PUBLIC AUTHORITY	1,075	(1,703,907)	(2,847,324) *	(240,420)	(4,791,651)	\$0.06418	\$0.06118	(\$293,859)
SCHEDULE 42	758	40,576	(2,089,918) *	(35,439)	(2,084,781)	\$0.06223	\$0.05832	(\$121,720)
COMMERCIAL - 5	16,011	(13,926,688)	(20,208,410) *	5,116,338	(29,018,760)	\$0.06473	\$0.05932	(\$1,693,598)
COMMERCIAL - 6	34	4,678,896	0 #	1,783,309	6,462,205	\$0.05101	\$0.05069	\$328,150
INDUSTRIAL - 5	24	427,640	478,230 *	(94,894)	810,976	\$0.06093	\$0.06041	\$48,940
INDUSTRIAL - 6 (EXCL. 6VP)	22	24,987,750	0 #	0	24,987,750	\$0.04301	\$0.04296	\$1,073,422
INDUSTRIAL - 6VP	3	14,209,476	0 #	0	14,209,476	\$0.03948	\$0.03946	\$560,658
SCHEDULE NS	<u>1</u>	<u>4,203,529</u>	<u>0</u>	<u>0</u>	<u>4,203,529</u>	\$0.02781	\$0.02775	<u>\$116,890</u>
TOTAL NC	121,777	21,611,437	(142,577,771)	15,041,809	(105,924,525)			(\$9,007,476)

& DUPLICATED CUSTOMERS - NOT INCLUDED IN TOTALS.

\* WEATHER EFFECT SHOWN IS THE TEST PERIOD 12 MONTHS ENDED DECEMBER 31, 2018.

# NO WEATHER EFFECT FOR THESE CUSTOMER GROUPS.

<b>BY RATE CLASS</b>	<b>EOP CUST</b>	<b>INC USAGE</b>	<b>WEATHER</b>	<b>GROWTH</b>	<b>TOTAL</b>	<b>AVG RATE</b>	<b>GROWTH REVENUE</b>
RESIDENTIAL	103,406	(10,827,642)	(117,743,610)	8,466,322	(120,104,930)	\$0.07507	(\$9,016,171)
SGS / PA	17,868	(15,199,913)	(24,834,161)	4,724,207	(35,309,867)	\$0.05869	(\$2,072,484)
LGS	56	29,666,646	0	1,783,309	31,449,955	\$0.04457	\$1,401,572
NS	1	4,203,529	0	0	4,203,529	\$0.02781	\$116,890
6VP	3	14,209,476	0	0	14,209,476	\$0.03946	\$560,658
ODL & ST LTS	251	(445,373)	0	79,511	(365,862)	(\$0.00800)	\$2,928
TRAFFIC	<u>192</u>	<u>4,714</u>	<u>0</u>	<u>(11,540)</u>	<u>(6,826)</u>	<u>\$0.12727</u>	<u>(\$869)</u>
TOTAL	121,777	21,611,437	(142,577,771)	15,041,809	(105,924,525)	\$0.08504	(\$9,007,476)

DOMINION ENERGY NORTH CAROLINA  
PRESENT RATES (EFFECTIVE 01/01/18) VERSUS PROPOSED RATES WITH \$8,583,000 BASE NON-FUEL INCREASE  
12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE  
DOCKET NO. E-22, SUB 562

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
PRESENT ANNUALIZED REVENUE										PROPOSED REVENUE BASED ON \$8,583,000 BASE NON-FUEL REVENUE INCREASE EDIT RIDERS AND FUEL REVENUE DECREASE							
LINE NO.		BOOKED 12/2018 CUST INCLUDING GROWTH THROUGH 06/30/2019	BOOKED KWH SALES INCLUDING GROWTH THROUGH 06/30/2019	BASE NON-FUEL REVENUE #	RIDER NON-FUEL REVENUE ##	BASE FUEL REVENUE	RIDER A FUEL REVENUE ##	RIDER B FUEL REVENUE ##	FUEL REVENUE (5)+(6)+(7)	TOTAL REVENUE	BASE NON-FUEL REVENUE ###	RIDER NON-FUEL REVENUE ####	BASE FUEL REVENUE #####	RIDER A FUEL REVENUE	RIDER A1 / RIDER B FUEL REVENUE @	FUEL REVENUE (12)+(13)+(14)	TOTAL REVENUE
	<b>RESIDENTIAL</b>								(1)							(1)	
1	SCHEDULE 1	102,788	1,680,802,999	\$140,168,637	\$2,564,521	\$35,120,574	\$1,190,244	\$6,571,487	\$42,882,305	\$185,615,462	\$147,046,660	\$2,896,556	\$35,506,146	\$0	\$234,696	\$35,740,842	\$185,684,058
2	SCHEDULE 1DF (DUEL FUEL)	1,131 *	3,061,000	\$146,724	\$3,698	\$64,109	\$2,173	\$11,996	\$78,277	\$228,699	\$153,972	\$4,302	\$64,812	\$0	\$428	\$65,241	\$223,515
3	SCHEDULE 1P (TIME-OF-USAGE)	330	8,948,999	\$592,177	\$12,275	\$185,144	\$6,275	\$34,643	\$226,062	\$830,514	\$621,232	\$14,043	\$187,177	\$0	\$1,237	\$188,414	\$823,689
4	SCHEDULE 1T (TIME-OF-USAGE)	41	1,099,999	\$87,689	\$1,586	\$22,713	\$770	\$4,250	\$27,733	\$117,007	\$91,990	\$1,803	\$22,962	\$0	\$152	\$23,114	\$116,908
5	SCHEDULE 1W (WATER HEATER)	16 *	93,000	\$3,025	\$111	\$1,948	\$66	\$365	\$2,379	\$5,516	\$3,174	\$130	\$1,970	\$0	\$13	\$1,983	\$5,287
6	SUBTOTAL - RESIDENTIAL	103,159 **	1,694,005,997	\$140,998,252	\$2,582,191	\$35,394,489	\$1,199,527	\$6,622,740	\$43,216,755	\$186,797,198	\$147,917,028	\$2,916,835	\$35,783,068	\$0	\$236,526	\$36,019,594	\$186,853,457
7	INCREASED USAGE, WEATHER & CUST GROWTH	247	(120,104,930)	(\$9,016,171)	(\$183,077)	(\$2,509,467)	(\$85,046)	(\$469,552)	(\$3,064,066)	(\$12,263,314)	(\$9,458,594)	(\$183,077)	(\$2,537,017)	\$0	(\$16,770)	(\$2,553,787)	(\$12,195,459)
8	ENERGY REDUCTION DUE TO EE		(2,613,228)	(\$195,460)	\$0	(\$54,601)	(\$1,850)	(\$10,216)	(\$66,668)	(\$262,127)	(\$205,051)	\$0	(\$55,565)	\$0	(\$365)	(\$55,565)	(\$260,616)
9	SUBTOTAL - RESIDENTIAL ADJ. FOR GROWTH	103,406 **	1,571,287,839	\$131,786,620	\$2,399,114	\$32,830,421	\$1,112,630	\$6,142,971	\$40,086,022	\$174,271,756	\$138,253,383	\$2,733,757	\$33,190,850	\$0	\$219,392	\$33,410,242	\$174,397,382
	<b>SMALL GEN SERVICE &amp; PUBLIC AUTHORITY</b>																
10	SCHEDULE 5	15,216	583,334,001	\$39,241,852	\$1,727,357	\$12,209,167	\$414,167	\$2,286,667	\$14,910,001	\$55,879,209	\$39,859,155	\$1,818,685	\$12,337,501	\$0	\$81,667	\$12,419,167	\$54,097,007
11	SCHEDULE 5C (COTTON GIN)	16	6,674,000	\$398,336	\$15,863	\$139,687	\$4,739	\$26,162	\$170,587	\$584,786	\$404,605	\$16,907	\$141,155	\$0	\$934	\$142,089	\$563,602
12	SCHEDULE 5P (TIME-OF-USAGE)	756	118,770,000	\$6,153,375	\$287,785	\$2,485,856	\$84,327	\$465,578	\$3,035,761	\$9,476,921	\$6,250,313	\$306,380	\$2,511,986	\$0	\$16,628	\$2,528,613	\$9,085,906
13	SCHEDULE 7	69 *	1,600,000	\$89,863	\$3,568	\$33,488	\$1,136	\$6,272	\$40,896	\$134,326	\$91,278	\$3,818	\$33,840	\$0	\$224	\$34,064	\$129,160
14	SCHEDULE 30 - (PUBLIC AUTHORITY)	1,091	78,169,999	\$5,041,064	\$204,967	\$1,636,098	\$55,501	\$306,426	\$1,998,025	\$7,244,057	\$5,120,188	\$217,206	\$1,653,295	\$0	\$10,944	\$1,664,239	\$7,001,633
15	SCHEDULE 42 - (ALL ELEC / PUB AUTH)	760	42,961,000	\$2,673,588	\$117,203	\$899,174	\$30,502	\$168,407	\$1,098,083	\$3,888,873	\$2,715,544	\$123,929	\$908,625	\$0	\$6,015	\$914,640	\$3,754,112
16	SUBTOTAL - SGS & PUBLIC AUTHORITY	17,839 **	831,509,000	\$53,598,077	\$2,356,742	\$17,403,470	\$590,371	\$3,259,513	\$21,253,354	\$77,208,173	\$54,441,082	\$2,486,925	\$17,586,402	\$0	\$116,411	\$17,702,813	\$74,630,820
17	INCREASED USAGE, WEATHER & CUST GROWTH	29	(35,309,867)	(\$2,072,484)	(\$100,079)	(\$739,035)	(\$25,070)	(\$138,415)	(\$902,520)	(\$3,075,082)	(\$2,105,080)	(\$100,079)	(\$746,803)	\$0	(\$4,943)	(\$751,746)	(\$2,956,906)
18	ENERGY REDUCTION DUE TO EE		(3,694,203)	(\$258,146)	\$0	(\$77,320)	(\$2,623)	(\$14,481)	(\$94,424)	(\$352,570)	(\$262,179)	\$0	(\$78,132)	\$0	(\$517)	(\$78,650)	(\$340,828)
19	SUBTOTAL - SGS & PA ADJ. FOR GROWTH	17,868 **	792,504,930	\$51,267,447	\$2,256,664	\$16,587,115	\$562,678	\$3,106,617	\$20,256,410	\$73,780,521	\$52,073,822	\$2,386,846	\$16,761,466	\$0	\$110,951	\$16,872,417	\$71,333,086
	<b>LARGE GEN SERVICE</b>																
20	SCHEDULE 6C	3	5,087,000	\$531,764	\$11,935	\$105,759	\$3,459	\$19,788	\$129,006	\$672,705	\$538,096	\$12,538	\$106,725	\$0	\$712	\$107,437	\$658,071
21	SCHEDULE 6L	4	247,884,000	\$10,014,810	\$525,209	\$5,153,508	\$168,561	\$964,269	\$6,286,338	\$16,826,358	\$10,132,355	\$554,612	\$5,200,606	\$0	\$34,704	\$5,235,310	\$15,922,277
22	SCHEDULE 6P	28	257,261,000	\$11,563,452	\$573,122	\$5,331,028	\$174,367	\$997,484	\$6,502,880	\$18,639,453	\$11,699,140	\$603,637	\$5,379,748	\$0	\$35,899	\$5,415,647	\$17,718,425
23	SCHEDULE 10	23	148,497,998	\$7,349,660	\$338,376	\$3,069,267	\$100,390	\$574,288	\$3,743,945	\$11,431,981	\$7,435,888	\$355,990	\$3,097,318	\$0	\$20,668	\$3,117,986	\$10,909,864
24	SCHEDULE LGS-RTP WITH CBL	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	SCHEDULE LGS-RTP WITH ED	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	SUBTOTAL - LARGE GENERAL SERVICE	58	658,729,998	29,459,686	1,448,641	\$13,659,562	\$446,777	\$2,555,830	16,662,169	47,570,497	\$29,805,480	\$1,526,777	\$13,784,397	\$0	\$91,984	13,876,381	\$45,208,638
27	INCREASED USAGE, WEATHER & CUST GROWTH	-2	31,449,955	\$1,401,572	\$69,163	\$652,153	\$21,331	\$122,024	\$795,507	\$2,266,242	\$1,418,024	\$69,163	\$658,113	\$0	\$4,392	\$662,504	\$2,149,691
28	ENERGY REDUCTION DUE TO EE		(1,236,422)	(\$90,524)	\$0	(\$25,639)	(\$839)	(\$4,797)	(\$31,275)	(\$121,798)	(\$91,938)	\$0	(\$25,873)	\$0	(\$173)	(\$26,046)	(\$117,984)
29	SUBTOTAL - LGS ADJ. FOR GROWTH	56	688,943,531	\$30,770,735	\$1,517,804	\$14,286,076	\$467,269	\$2,673,056	\$17,426,402	\$49,714,941	\$31,131,566	\$1,595,940	\$14,416,637	\$0	\$96,203	\$14,512,840	\$47,240,345
	<b>SCHEDULE 6VP</b>																
30	SCHEDULE 6VP	3	273,844,001	\$10,810,289	\$575	\$5,594,633	\$188,952	\$1,048,823	\$6,832,408	\$17,643,272	\$10,962,665	\$29,449	\$5,654,879	\$0	\$35,600	\$5,690,478	\$16,682,593
31	INCREASED USAGE, WEATHER & CUST GROWTH	0	14,209,476	\$560,658	\$30	\$290,300	\$9,805	\$54,422	\$354,526	\$915,215	\$568,561	\$30	\$293,426	\$0	\$1,847	\$295,273	\$863,864
32	SUBTOTAL - 6VP ADJ. FOR GROWTH	3	288,053,477	\$11,370,947	\$605	\$5,884,933	\$198,757	\$1,103,245	\$7,186,934	\$18,558,486	\$11,531,226	\$29,479	\$5,948,304	\$0	\$37,447	\$5,985,751	\$17,546,457
	<b>SCHEDULE NS</b>																
33	SCHEDULE NS	1	918,042,000	\$25,528,524	\$0	\$18,489,366	\$624,269	\$3,461,018	\$22,574,653	\$48,103,177	\$26,034,515	\$65,121	\$18,691,335	\$0	\$119,345	\$18,810,681	\$44,910,317
34	INCREASED USAGE, WEATHER & CUST GROWTH	0	4,203,529	\$116,890	\$0	\$84,659	\$2,858	\$15,847	\$103,365	\$220,255	\$119,207	\$0	\$85,584	\$0	\$546	\$86,130	\$205,337
35	SUBTOTAL - SCHEDULE NS ADJ. FOR GROWTH	1	922,245,529	\$25,645,414	\$0	\$18,574,025	\$627,127	\$3,476,866	\$22,678,018	\$48,323,432	\$26,153,722	\$65,121	\$18,776,919	\$0	\$119,892	\$18,896,811	\$45,115,654
	<b>TRAFFIC CONTROL</b>																
36	TRAFFIC CONTROL																
37	SCHEDULE 30T - TRAFFIC CONTROL	193	525,000	\$52,194	\$0	\$10,999	\$373	\$2,058	\$13,430	\$65,624	\$52,974	\$130	\$11,120	\$0	\$74	\$11,193	\$64,297
38	INCREASED USAGE, WEATHER & CUST GROWTH	-1	(6,826)	(\$869)	\$0	(\$143)	(\$5)	(\$27)	(\$175)	(\$1,043)	(\$882)	\$0	(\$145)	\$0	(\$1)	(\$146)	(\$1,027)
39	SUBTOTAL - 30T ADJ. FOR GROWTH	192	518,174	\$51,325	\$0	\$10,856	\$368	\$2,031	\$13,255	\$64,580	\$52,092	\$130	\$10,975	\$0	\$73	\$11,047	\$63,270
	<b>OUTDOOR LIGHTING SERVICE</b>																
40	SCHEDULE 26 - OUTDOOR LIGHTING	12,100 *	16,826,000	\$3,224,613	\$0	\$352,505	\$11,946	\$65,958	\$430,409	\$3,655,022	\$3,345,714	\$8,307	\$356,375	\$0	\$2,356	\$358,730	\$3,712,751
41	SCHEDULE 26 - STREET & ROADWAY	249	7,302,000	\$1,478,498	\$0	\$152,977	\$5,184	\$28,624	\$186,785	\$1,665,283	\$1,534,296	\$3,605	\$154,656	\$0	\$1,022	\$155,679	\$1,693,580
42	SUBTOTAL - OUTDOOR LIGHTING SERVICE	249 **	24,128,000	\$4,703,111	\$0	\$505,482	\$17,131	\$94,582	\$617,194	\$5,320,306	\$4,880,010	\$11,912	\$511,031	\$0	\$3,378	\$514,409	\$5,406,331
43	INCREASED USAGE, WEATHER & CUST GROWTH	2 *	(365,862)	\$2,928	\$0	(\$7,665)	(\$260)	(\$1,434)	(\$9,359)	(\$6,431)	\$3,038	\$0	(\$7,749)	\$0	(\$51)	(\$7,800)	(\$4,762)
44	ENERGY REDUCTION DUE TO EE		(200,470)	(\$14,781)	\$0	(\$4,200)	(\$142)	(\$786)	(\$5,128)	(\$19,909)	(\$15,013)	\$0	(\$4,246)	\$0	(\$28)	(\$4,274)	(\$19,287)
45	SUBTOTAL - ODL SERVICE ADJ. FOR GROWTH	251 **	23,561,668	\$4,691,258	\$0	\$493,617	\$16,729	\$92,362	\$602,707	\$5,293,966	\$4,868,035	\$11,912	\$499,036	\$0	\$3,299	\$502,335	\$5,382,282
46	SUBTOTAL - NUMBERED RATE SCHEDULES	121,777 **	4,287,115,148	\$255,583,747	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$370,007,682	\$264,063,846	\$6,823,186	\$89,604,188	\$0	\$587,255	\$90,191,443	\$361,078,476
47	ECONOMIC DEVELOPMENT RIDER			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$0
48	LOAD MANAGEMENT CREDITS			(\$12,007)	\$0	\$0	\$0	\$0	\$0	(\$12,007)	(\$12,007)	\$0	\$0	\$0	\$0	\$0	(\$12,007)
49	FACILITIES CHARGES			\$1,121,097	\$0	\$0	\$0	\$0	\$0	\$1,121,097	\$1,027,450	\$0	\$0	\$0	\$0	\$0	\$1,027,450
50	TOTAL - SALES OF ELECTRICITY	121,777 **	4,287,115,148	\$256,692,838	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$371,116,773	\$265,079,290	\$6,823,186	\$89,604,188	\$0	\$587,255	\$90,191,443	\$362,093,919
51	MISCELLANEOUS SERVICE REVENUE			\$527,014	\$0	\$0	\$0	\$0	\$0	\$527,014	\$702,993	\$0	\$0	\$0	\$0	\$0	\$702,993
52	FORFEITED DISCOUNT (LATE PAYMENT)			\$1,186,814	\$0	\$0	\$0	\$0	\$0	\$1,186,814	\$1,207,383	\$0	\$0	\$0	\$0	\$0	\$1,207,383
53	TOTAL - MISCELLANEOUS REVENUE			\$1,713,827	\$0	\$0	\$0	\$0	\$0	\$1,713,827	\$1,910,376	\$0	\$0	\$0	\$0	\$0	\$1,910,376
54	TOTAL - SALES OF ELECTRICITY	121,777 **	4,287,115,148	\$258,406,665	\$6,174,186	\$88,667,043	\$2,985,558	\$16,597,148	\$108,249,749	\$372,830,601	\$266,989,666	\$6,823,186	\$89,604,188	\$0	\$587,255	\$90,191,443	\$364,004,295

NOTES:  
\* DUPLICATE CUSTOMERS.  
\*\* EXCLUDES DUPLICATE CUSTOMERS.  
# REVENUE BASED ON RATES EFFECTIVE 01/01/2



**DOMINION ENERGY NORTH CAROLINA**  
**PRESENT RATES (EFFECTIVE 01/01/18) VERSUS PROPOSED RATES WITH \$ BASE NON-FUEL INCREASE**  
**12 MONTHS ENDED DECEMBER 31, 2018 - ADJUSTED FOR INCREASED USAGE, WEATHER, AND CUSTOMER GROWTH & EE**  
**DOCKET NO. E-22, SUB 562**

	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
	TOTAL CHANGE								PERCENTAGE CHANGE								CHANGE AND PERCENTAGE CHANGE FROM PRESENT BASE NON-FUEL, BASE FUEL, AND RIDER A			
LINE NO.	BASE NON-FUEL	RIDER NON-FUEL	BASE FUEL	RIDER A FUEL	RIDER A1 / RIDER B FUEL	TOTAL FUEL	TOTAL	BASE NON-FUEL	RIDER NON-FUEL	BASE FUEL	RIDER A FUEL	RIDER A1 / RIDER B FUEL	TOTAL FUEL	TOTAL	PRESENT BASE NON-FUEL + BASE FUEL + RIDER A	PROPOSED BASE NON-FUEL + BASE FUEL + RIDER A	CHANGE	% CHANGE		
<b><u>RESIDENTIAL</u></b>																				
1	SCHEDULE 1	\$6,878,023	\$332,036	\$385,572	(\$1,190,244)	(\$6,336,791)	(\$7,141,463)	\$68,596	4.91%	12.95%	1.10%	-100.00%	-96.43%	-16.65%	0.04%	\$176,479,455	\$182,552,806	\$6,073,351	3.44%	
2	SCHEDULE 1DF (DUEL FUEL)	\$7,247	\$605	\$704	(\$2,173)	(\$11,567)	(\$13,036)	(\$5,184)	4.94%	16.35%	1.10%	-100.00%	-96.43%	-16.65%	-2.27%	\$213,005	\$218,784	\$5,779	2.71%	
3	SCHEDULE 1P (TIME-OF-USAGE)	\$29,055	\$1,768	\$2,033	(\$6,275)	(\$33,406)	(\$37,647)	(\$6,824)	4.91%	14.40%	1.10%	-100.00%	-96.43%	-16.65%	-0.82%	\$783,596	\$808,409	\$24,813	3.17%	
4	SCHEDULE 1T (TIME-OF-USAGE)	\$4,301	\$217	\$249	(\$770)	(\$4,098)	(\$4,619)	(\$100)	4.91%	13.70%	1.10%	-100.00%	-96.43%	-16.65%	-0.09%	\$111,171	\$114,952	\$3,781	3.40%	
5	SCHEDULE 1W (WATER HEATER)	\$149	\$18	\$21	(\$66)	(\$352)	(\$396)	(\$229)	4.92%	16.50%	1.10%	-100.00%	-96.43%	-16.65%	-4.15%	\$5,040	\$5,144	\$104	2.07%	
6	SUBTOTAL - RESIDENTIAL	\$6,918,776	\$334,644	\$388,579	(\$1,199,527)	(\$6,386,213)	(\$7,197,161)	\$56,259	4.91%	12.96%	1.10%	-100.00%	-96.43%	-16.65%	0.03%	\$177,592,267	\$183,700,096	\$6,107,829	3.44%	
7	INCREASED USAGE, WEATHER & CUST GROWTH	(\$442,423)	\$0	(\$27,550)	\$85,046	\$452,782	\$510,278	\$67,855	4.91%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-0.55%	(\$11,610,685)	(\$11,995,612)	(\$384,927)	3.32%	
8	ENERGY REDUCTION DUE TO EE	(\$9,591)	\$0	(\$599)	\$1,850	\$9,852	\$11,103	\$1,511	4.91%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-0.58%	(\$251,911)	(\$260,251)	(\$8,340)	3.31%	
9	SUBTOTAL - RESIDENTIAL ADJ. FOR GROWTH	\$6,466,762	\$334,644	\$360,429	(\$1,112,630)	(\$5,923,579)	(\$6,675,780)	\$125,626	4.91%	13.95%	1.10%	-100.00%	-96.43%	-16.65%	0.07%	\$165,729,671	\$171,444,233	\$5,714,561	3.45%	
<b><u>SMALL GEN SERVICE &amp; PUBLIC AUTHORITY</u></b>																				
10	SCHEDULE 5	\$617,303	\$91,328	\$128,333	(\$414,167)	(\$2,205,000)	(\$2,490,833)	(\$1,782,202)	1.57%	5.29%	1.05%	-100.00%	-96.43%	-16.71%	-3.19%	\$51,865,185	\$52,196,655	\$331,470	0.64%	
11	SCHEDULE 5C (COTTON GIN)	\$6,268	\$1,045	\$1,468	(\$4,739)	(\$25,228)	(\$28,498)	(\$21,185)	1.57%	6.59%	1.05%	-100.00%	-96.43%	-16.71%	-3.62%	\$542,762	\$545,760	\$2,998	0.55%	
12	SCHEDULE 5P (TIME-OF-USAGE)	\$96,938	\$18,595	\$26,129	(\$84,327)	(\$448,951)	(\$507,148)	(\$391,615)	1.58%	6.46%	1.05%	-100.00%	-96.43%	-16.71%	-4.13%	\$8,723,558	\$8,762,299	\$38,741	0.44%	
13	SCHEDULE 7	\$1,415	\$250	\$352	(\$1,136)	(\$6,048)	(\$6,832)	(\$5,166)	1.57%	7.02%	1.05%	-100.00%	-96.43%	-16.71%	-3.85%	\$124,487	\$125,118	\$631	0.51%	
14	SCHEDULE 30 - (PUBLIC AUTHORITY)	\$79,123	\$12,238	\$17,197	(\$55,501)	(\$295,483)	(\$333,786)	(\$242,424)	1.57%	5.97%	1.05%	-100.00%	-96.43%	-16.71%	-3.35%	\$6,732,663	\$6,773,483	\$40,820	0.61%	
15	SCHEDULE 42 - (ALL ELEC / PUB AUTH)	\$41,956	\$6,726	\$9,451	(\$30,502)	(\$162,393)	(\$183,443)	(\$134,761)	1.57%	5.74%	1.05%	-100.00%	-96.43%	-16.71%	-3.47%	\$3,603,264	\$3,624,169	\$20,905	0.58%	
16	SUBTOTAL - SGS & PUBLIC AUTHORITY	\$843,005	\$130,183	\$182,932	(\$590,371)	(\$3,143,102)	(\$3,550,541)	(\$2,577,354)	1.57%	5.52%	1.05%	-100.00%	-96.43%	-16.71%	-3.34%	\$71,591,918	\$72,027,484	\$435,565	0.61%	
17	INCREASED USAGE, WEATHER & CUST GROWTH	(\$32,597)	\$0	(\$7,768)	\$25,070	\$133,471	\$150,773	\$118,176	1.57%	0.00%	1.05%	-100.00%	-96.43%	-16.71%	-3.84%	(\$2,836,589)	(\$2,851,884)	(\$15,295)	0.54%	
18	ENERGY REDUCTION DUE TO EE	(\$4,033)	\$0	(\$813)	\$2,623	\$13,964	\$15,774	\$11,741	1.56%	0.00%	1.05%	-100.00%	-96.43%	-16.71%	-3.33%	(\$338,088)	(\$340,311)	(\$2,223)	0.66%	
19	SUBTOTAL - SGS & PA ADJ. FOR GROWTH	\$806,375	\$130,183	\$174,351	(\$562,678)	(\$2,995,666)	(\$3,383,993)	(\$2,447,436)	1.57%	5.77%	1.05%	-100.00%	-96.43%	-16.71%	-3.32%	\$68,417,241	\$68,835,289	\$418,048	0.61%	
<b><u>LARGE GEN SERVICE</u></b>																				
20	SCHEDULE 6C	\$6,332	\$603	\$967	(\$3,459)	(\$19,076)	(\$21,569)	(\$14,634)	1.19%	5.06%	0.91%	-100.00%	-96.40%	-16.72%	-2.18%	\$640,982	\$644,821	\$3,839	0.60%	
21	SCHEDULE 6L	\$117,545	\$29,403	\$47,098	(\$168,561)	(\$929,565)	(\$1,051,028)	(\$904,080)	1.17%	5.60%	0.91%	-100.00%	-96.40%	-16.72%	-5.37%	\$15,336,880	\$15,332,962	(\$3,918)	-0.03%	
22	SCHEDULE 6P	\$135,689	\$30,515	\$48,720	(\$174,367)	(\$961,585)	(\$1,087,232)	(\$921,028)	1.17%	5.32%	0.91%	-100.00%	-96.40%	-16.72%	-4.94%	\$17,068,847	\$17,078,889	\$10,041	0.06%	
23	SCHEDULE 10	\$86,229	\$17,614	\$28,050	(\$100,390)	(\$553,620)	(\$625,959)	(\$522,117)	1.17%	5.21%	0.91%	-100.00%	-96.40%	-16.72%	-4.57%	\$10,519,317	\$10,533,206	\$13,889	0.13%	
24	SCHEDULE LGS-RTP WITH CBL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	0.00%		
25	SCHEDULE LGS-RTP WITH ED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	0.00%		
26	SUBTOTAL - LARGE GENERAL SERVICE	\$345,794	\$78,136	\$124,835	(\$446,777)	(\$2,463,846)	(\$2,785,789)	(\$2,361,859)	1.17%	5.39%	0.91%	-100.00%	-96.40%	-16.72%	-4.96%	\$43,566,026	\$43,589,877	\$23,851	0.05%	
27	INCREASED USAGE, WEATHER & CUST GROWTH	\$16,451	\$0	\$5,960	(\$21,331)	(\$117,632)	(\$133,003)	(\$116,551)	1.17%	0.00%	0.91%	-100.00%	-96.40%	-16.72%	-5.14%	\$2,075,056	\$2,076,137	\$1,081	0.05%	
28	ENERGY REDUCTION DUE TO EE	(\$1,414)	\$0	(\$234)	\$839	\$4,625	\$5,229	\$3,815	1.56%	0.00%	0.91%	-100.00%	-96.40%	-16.72%	-3.13%	(\$117,001)	(\$117,811)	(\$810)	0.69%	
29	SUBTOTAL - LGS ADJ. FOR GROWTH	\$360,831	\$78,136	\$130,561	(\$467,269)	(\$2,576,854)	(\$2,913,562)	(\$2,474,596)	1.17%	5.15%	0.91%	-100.00%	-96.40%	-16.72%	-4.98%	\$45,524,081	\$45,548,203	\$24,122	0.05%	
<b><u>SCHEDULE 6VP</u></b>																				
30	SCHEDULE 6VP	\$152,376	\$28,874	\$60,246	(\$188,952)	(\$1,013,223)	(\$1,141,929)	(\$960,679)	1.41%	5019.48%	1.08%	-100.00%	-96.61%	-16.71%	-5.45%	\$16,593,874	\$16,617,544	\$23,670	0.14%	
31	INCREASED USAGE, WEATHER & CUST GROWTH	\$7,903	\$0	\$3,126	(\$9,805)	(\$52,575)	(\$51,351)	(\$51,351)	1.41%	0.00%	1.08%	-100.00%	-96.61%	-16.71%	-5.61%	\$860,762	\$861,987	\$1,224	0.14%	
32	SUBTOTAL - 6VP ADJ. FOR GROWTH	\$160,279	\$28,874	\$63,372	(\$198,757)	(\$1,065,798)	(\$1,201,183)	(\$1,012,030)	1.41%	4771.88%	1.08%	-100.00%	-96.61%	-16.71%	-5.45%	\$17,454,636	\$17,479,530	\$24,894	0.14%	
<b><u>SCHEDULE NS</u></b>																				
33	SCHEDULE NS	\$505,991	\$65,121	\$201,969	(\$624,269)	(\$3,341,673)	(\$3,763,972)	(\$3,192,860)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.64%	\$44,642,159	\$44,725,850	\$83,692	0.19%	
34	INCREASED USAGE, WEATHER & CUST GROWTH	\$2,317	\$0	\$925	(\$2,858)	(\$15,301)	(\$17,234)	(\$14,918)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.77%	\$204,407	\$204,791	\$383	0.19%	
35	SUBTOTAL - SCHEDULE NS ADJ. FOR GROWTH	\$508,308	\$65,121	\$202,894	(\$627,127)	(\$3,356,974)	(\$3,781,207)	(\$3,207,778)	1.98%	0.00%	1.09%	-100.00%	-96.55%	-16.67%	-6.64%	\$44,846,566	\$44,930,641	\$84,075	0.19%	
<b><u>TRAFFIC CONTROL</u></b>																				
37	SCHEDULE 30T - TRAFFIC CONTROL	\$780	\$130	\$121	(\$373)	(\$1,985)	(\$2,237)	(\$1,326)	1.49%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-2.02%	\$63,566	\$64,094	\$528	0.83%	
38	INCREASED USAGE, WEATHER & CUST GROWTH	(\$13)	\$0	(\$2)	\$5	\$26	\$29	\$16	1.49%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-1.54%	(\$1,017)	(\$1,026)	(\$10)	0.96%	
39	SUBTOTAL - 30T ADJ. FOR GROWTH	\$767	\$130	\$119	(\$368)	(\$1,959)	(\$2,207)	(\$1,310)	1.49%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-2.03%	\$62,549	\$63,067	\$518	0.83%	
<b><u>OUTDOOR LIGHTING SERVICE</u></b>																				
40	SCHEDULE 26 - OUTDOOR LIGHTING	\$121,100	\$8,307	\$3,870	(\$11,946)	(\$63,602)	(\$71,679)	\$57,729	3.76%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	1.58%	\$3,589,065	\$3,702,088	\$113,024	3.15%	
41	SCHEDULE 26 - STREET & ROADWAY	\$55,798	\$3,605	\$1,679	(\$5,184)	(\$27,602)	(\$31,107)	\$28,296	3.77%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	1.70%	\$1,636,659	\$1,688,952	\$52,293	3.20%	
42	SUBTOTAL - OUTDOOR LIGHTING SERVICE	\$176,898	\$11,912	\$5,549	(\$17,131)	(\$91,204)	(\$102,785)	\$86,025	3.76%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	1.62%	\$5,225,724	\$5,391,041	\$165,317	3.16%	
43	INCREASED USAGE, WEATHER & CUST GROWTH	\$110	\$0	(\$84)	\$260	\$1,383	\$1,559	\$1,669	3.76%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-25.95%	(\$4,997)	(\$4,711)	\$286	-5.72%	
44	ENERGY REDUCTION DUE TO EE	(\$232)	\$0	(\$46)	\$142	\$758	\$854	\$622	1.57%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	-3.13%	(\$19,123)	(\$19,259)	(\$135)	0.71%	
45	SUBTOTAL - ODL SERVICE ADJ. FOR GROWTH	\$176,777	\$11,912	\$5,419	(\$16,729)	(\$89,063)	(\$100,373)	\$88,316	3.77%	0.00%	1.10%	-100.00%	-96.43%	-16.65%	1.67%	\$5,201,604	\$5,367,071	\$165,467	3.18%	
46	SUBTOTAL - NUMBERED RATE SCHEDULES	\$8,480,099	\$649,000																	

**DOMINION ENERGY NORTH CAROLINA  
12 MONTHS ENDED DECEMBER 31, 2018  
REFLECTS JUNE 30, 2019 UPDATE  
DOCKET NO. E-22, SUB 562**

**PER BOOK, PRESENT AND PROPOSED ANNUALIZED TEST YEAR OPERATING  
REVENUES FROM SOURCES OTHER THAN SALES FOR ELECTRICITY**

<b>ACCOUNT</b>	<b>DESCRIPTION</b>	<b>PER BOOKS REVENUES</b>	<b>PRESENT RATES ANNUALIZED</b>	<b>PROPOSED RATES ANNUALIZED</b>
450	Forfeited Discounts	\$ 1,132,560	\$ 1,186,814	\$ 1,207,383
451	Miscellaneous Service Revenues	\$ 561,704	\$ 563,281	\$ 527,115
560	Other Electric Operating Revenues	\$ 4,932,042	\$ 4,932,042	\$ 3,584,547
	Total	<u>\$ 6,626,306</u>	<u>\$ 6,682,137</u>	<u>\$ 5,319,045</u>

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**DOMINION ENERGY NORTH CAROLINA  
CALCULATION OF PROPOSED FACILITIES CHARGE REVENUE  
SETTLEMENT CAP STRUCTURE UPDATE  
DOCKET NO. E-22, SUB 562**

<b><u>DISTRIBUTION</u></b>	<b><u>PRESENT FACILITIES CHARGE</u></b>		<b><u>PROPOSED FACILITIES CHARGE</u></b>		<b><u>PROPOSED INCREASE</u></b>
	<b><u>PERCENT</u></b>	<b><u>REVENUE</u></b>	<b><u>PERCENT</u></b>	<b><u>REVENUE</u></b>	
ONE-TIME	0.44%	\$481,486.06	0.39%	\$426,772	(\$54,714)
NON-ONE TIME	1.15%	\$639,611.44	1.08%	\$600,679	(\$38,933)
TOTAL DISTRIBUTION		\$1,121,097		\$1,027,450	(\$93,647)
<b><u>TRANSMISSION</u></b>					
ONE-TIME	0.15%	\$0	0.13%	\$0	\$0
NON-ONE TIME	0.91%	\$0	0.84%	\$0	\$0
TOTAL TRANSMISSION		\$0		\$0	\$0
<b>TOTAL FACILITIES CHARGE</b>		\$1,121,097		\$1,027,450	(\$93,647)



**DOMINION ENERGY NORTH CAROLINA  
CALCULATION OF PRESENT E-O-P LOAD MGT CREDITS  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

	<u>YEAR</u>	<u>MONTH</u>	<u>BOOKED LOAD MGT CREDIT SCH SG</u>	<u>BOOKED LOAD MGT CREDIT OTHER</u>	<u>BOOKED LOAD MGT CREDIT TOTAL</u>	
1	2016	1	\$ -	\$ -	\$0	<== ACTUAL
2	2016	2	\$ (1,028)	\$ -	(\$1,028)	<== ACTUAL
3	2016	3	\$ -	\$ -	\$0	<== ACTUAL
4	2016	4	\$ -	\$ -	\$0	<== ACTUAL
5	2016	5	\$ (4,032)	\$ -	(\$4,032)	<== ACTUAL
6	2016	6	\$ (4,032)	\$ -	(\$4,032)	<== ACTUAL
7	2016	7	\$ (3,914)	\$ -	(\$3,914)	<== ACTUAL
8	2016	8	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
9	2016	9	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
10	2016	10	\$ -	\$ -	\$0	<== ACTUAL
11	2016	11	\$ -	\$ -	\$0	<== ACTUAL
12	2016	12	\$ -	\$ -	\$0	<== ACTUAL
13	2017	1	\$ -	\$ -	\$0	<== ACTUAL
14	2017	2	\$ -	\$ -	\$0	<== ACTUAL
15	2017	3	\$ -	\$ -	\$0	<== ACTUAL
16	2017	4	\$ -	\$ -	\$0	<== ACTUAL
17	2017	5	\$ -	\$ -	\$0	<== ACTUAL
18	2017	6	\$ -	\$ -	\$0	<== ACTUAL
19	2017	7	\$ -	\$ -	\$0	<== ACTUAL
20	2017	8	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
21	2017	9	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
22	2017	10	\$ -	\$ -	\$0	<== ACTUAL
23	2017	11	\$ -	\$ -	\$0	<== ACTUAL
24	2017	12	\$ -	\$ -	\$0	<== ACTUAL
25	2018	1	\$ -	\$ -	\$0	<== ACTUAL
26	2018	2	\$ -	\$ -	\$0	<== ACTUAL
27	2018	3	\$ -	\$ -	\$0	<== ACTUAL
28	2018	4	\$ -	\$ -	\$0	<== ACTUAL
29	2018	5	\$ -	\$ -	\$0	<== ACTUAL
30	2018	6	\$ -	\$ -	\$0	<== ACTUAL
31	2018	7	\$ -	\$ -	\$0	<== ACTUAL
32	2018	8	\$ -	\$ -	\$0	<== ACTUAL
33	2018	9	\$ (12,007)	\$ -	(\$12,007)	<== ACTUAL
34	2018	10	\$ -	\$ -	\$0	<== ACTUAL
35	2018	11	\$ -	\$ -	\$0	<== ACTUAL
36	2018	12	\$ -	\$ -	\$0	<== ACTUAL

**2018 MGT CREDITS \$ (12,007)**

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**DOMINION ENERGY NORTH CAROLINA**  
**CALCULATION OF PROPOSED E-O-P LOAD MGT CREDITS - JUNE 2019**  
**12 MONTHS ENDED DECEMBER 31, 2018**  
**DOCKET NO. E-22, SUB 562**

	<u>YEAR</u>	<u>MONTH</u>	<u>BOOKED</u> <u>LOAD MGT</u> <u>CREDIT</u> <u>SCH SG</u>	<u>BOOKED</u> <u>LOAD MGT</u> <u>CREDIT</u> <u>OTHER</u>	<u>BOOKED</u> <u>LOAD MGT</u> <u>CREDIT</u> <u>TOTAL</u>	
1	2016	1	\$ -	\$ -	\$0	<== ACTUAL
2	2016	2	\$ (1,028)	\$ -	(\$1,028)	<== ACTUAL
3	2016	3	\$ -	\$ -	\$0	<== ACTUAL
4	2016	4	\$ -	\$ -	\$0	<== ACTUAL
5	2016	5	\$ (4,032)	\$ -	(\$4,032)	<== ACTUAL
6	2016	6	\$ (4,032)	\$ -	(\$4,032)	<== ACTUAL
7	2016	7	\$ (3,914)	\$ -	(\$3,914)	<== ACTUAL
8	2016	8	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
9	2016	9	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
10	2016	10	\$ -	\$ -	\$0	<== ACTUAL
11	2016	11	\$ -	\$ -	\$0	<== ACTUAL
12	2016	12	\$ -	\$ -	\$0	<== ACTUAL
13	2017	1	\$ -	\$ -	\$0	<== ACTUAL
14	2017	2	\$ -	\$ -	\$0	<== ACTUAL
15	2017	3	\$ -	\$ -	\$0	<== ACTUAL
16	2017	4	\$ -	\$ -	\$0	<== ACTUAL
17	2017	5	\$ -	\$ -	\$0	<== ACTUAL
18	2017	6	\$ -	\$ -	\$0	<== ACTUAL
19	2017	7	\$ -	\$ -	\$0	<== ACTUAL
20	2017	8	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
21	2017	9	\$ (4,002)	\$ -	(\$4,002)	<== ACTUAL
22	2017	10	\$ -	\$ -	\$0	<== ACTUAL
23	2017	11	\$ -	\$ -	\$0	<== ACTUAL
24	2017	12	\$ -	\$ -	\$0	<== ACTUAL
25	2018	1	\$ -	\$ -	\$0	<== ACTUAL
26	2018	2	\$ -	\$ -	\$0	<== ACTUAL
27	2018	3	\$ -	\$ -	\$0	<== ACTUAL
28	2018	4	\$ -	\$ -	\$0	<== ACTUAL
29	2018	5	\$ -	\$ -	\$0	<== ACTUAL
30	2018	6	\$ -	\$ -	\$0	<== ACTUAL
31	2018	7	\$ -	\$ -	\$0	<== ACTUAL
32	2018	8	\$ -	\$ -	\$0	<== ACTUAL
33	2018	9	\$ (12,007)	\$ -	(\$12,007)	<== ACTUAL
34	2018	10	\$ -	\$ -	\$0	<== ACTUAL
35	2018	11	\$ -	\$ -	\$0	<== ACTUAL
36	2018	12	\$ -	\$ -	\$0	<== ACTUAL
37	2019	1	\$ -	\$ -	\$0	<== ACTUAL
38	2019	2	\$ -	\$ -	\$0	<== ACTUAL
39	2019	3	\$ -	\$ -	\$0	<== ACTUAL
40	2019	4	\$ -	\$ -	\$0	<== ACTUAL
41	2019	5	\$ -	\$ -	\$0	<== ACTUAL
42	2019	6	\$ -	\$ -	\$0	<== ACTUAL

LOAD MGT CREDITS - NC \$ (12,007)

CHANGE IN LM CREDITS \$0

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Sep 17 2019

**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1 - RESIDENTIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT TOTAL RATES #</b>	<b>PRESENT TOTAL REVENUE (1) X (2)</b>	<b>PROPOSED TOTAL RATES ##</b>	<b>PROPOSED TOTAL REVENUE (1) X (4) ###</b>
BASIC CUSTOMER CHARGE	1,231,424	\$10.40	\$12,806,810	\$10.91	\$13,434,836
PEAK MONTHS - ALL KWH	580,611,634	\$0.11052	\$64,169,198	\$0.110428	\$64,115,782
BASE MONTHS - ALL KWH	1,012,125,803	\$0.09637	\$97,538,564	\$0.095584	\$96,743,033
<b><u>CONSERVATION DISCOUNT - 5%</u></b>					
PEAK MONTHS - ALL KWH	35,249,115	\$0.10499	\$3,700,946	\$0.104907	\$3,697,865
BASE MONTHS - ALL KWH	52,816,447	\$0.09155	\$4,835,425	\$0.090805	\$4,795,987
TOTAL ANNUALIZED REVENUE	1,680,802,999		\$183,050,942		\$182,787,502
LESS: TOTAL FUEL REVENUE			<u>\$42,882,305</u>		<u>\$35,740,842</u>
TOTAL BASIC REVENUE			\$140,168,637		\$147,046,660

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1DF - RESIDENTIAL - DUAL FUEL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	13,811	\$3.60	\$49,720	\$3.78	\$52,206
BASE MONTHS - ALL KWH	3,042,566	\$0.05728	\$174,278	\$0.054576	\$166,051
<b><u>CONSERVATION DISCOUNT - 5%</u></b>					
BASE MONTHS - ALL KWH	18,434	\$0.05442	\$1,003	\$0.051847	\$956
TOTAL ANNUALIZED REVENUE	3,061,000		\$225,001		\$219,212
LESS: TOTAL FUEL REVENUE			<u>\$78,277</u>		<u>\$65,241</u>
TOTAL BASIC REVENUE			\$146,724		\$153,972

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1P - RESIDENTIAL - TOU  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	3,540	\$15.55	\$55,047	\$16.31	\$57,737
PEAK MONTHS - ALL ON-PEAK KW	10,264	\$9.174	\$94,162	\$9.624	\$98,781
BASE MONTHS - ALL ON-PEAK KW	18,825	\$5.371	\$101,109	\$5.635	\$106,079
ALL ON-PEAK KWH	1,931,724	\$0.07070	\$136,573	\$0.068654	\$132,621
ALL OFF-PEAK KWH	4,786,117	\$0.05095	\$243,853	\$0.047935	\$229,423
<b>CONSERVATION DISCOUNT - 5%</b>					
PEAK MONTHS - ALL ON-PEAK KW	3,636	\$8.715	\$31,689	\$9.143	\$33,244
BASE MONTHS - ALL ON-PEAK KW	6,986	\$5.102	\$35,646	\$5.353	\$37,396
ALL ON-PEAK KWH	648,481	\$0.06717	\$43,555	\$0.065221	\$42,295
ALL OFF-PEAK KWH	1,582,677	\$0.04840	\$76,606	\$0.045538	\$72,072
TOTAL ANNUALIZED REVENUE	8,948,999		\$818,239		\$809,647
LESS: TOTAL FUEL REVENUE			<u>\$226,062</u>		<u>\$188,414</u>
TOTAL BASIC REVENUE			\$592,177		\$621,232

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1T - RESIDENTIAL - TOU  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	512	\$14.75	\$7,552	\$15.47	\$7,921
PEAK MONTHS - ALL ON-PEAK KWH	94,112	\$0.22950	\$21,599	\$0.235248	\$22,140
PEAK MONTHS - ALL OFF-PEAK KWH	221,916	\$0.05843	\$12,967	\$0.055782	\$12,379
BASE MONTHS - ALL ON-PEAK KWH	129,556	\$0.19151	\$24,811	\$0.195393	\$25,314
BASE MONTHS - ALL OFF-PEAK KWH	337,593	\$0.05380	\$18,163	\$0.050925	\$17,192
<b>CONSERVATION DISCOUNT - 5%</b>					
PEAK MONTHS - ALL ON-PEAK KWH	40,251	\$0.21803	\$8,776	\$0.223486	\$8,996
PEAK MONTHS - ALL OFF-PEAK KWH	93,999	\$0.05551	\$5,218	\$0.052993	\$4,981
BASE MONTHS - ALL ON-PEAK KWH	53,549	\$0.18193	\$9,742	\$0.185623	\$9,940
BASE MONTHS - ALL OFF-PEAK KWH	129,023	\$0.05111	\$6,594	\$0.048379	\$6,242
TOTAL ANNUALIZED REVENUE	1,099,999		\$115,421		\$115,104
LESS: TOTAL FUEL REVENUE			<u>\$27,733</u>		<u>\$23,114</u>
TOTAL BASIC REVENUE			\$87,689		\$91,990

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1W - RESIDENTIAL - TIME CONTROLLED WATER/SPACE HEATING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	182	\$4.63	\$843	\$4.86	\$885
ALL KWH	93,000	\$0.04905	\$4,562	\$0.045942	\$4,273
TOTAL ANNUALIZED REVENUE	93,000		\$5,404		\$5,157
LESS: TOTAL FUEL REVENUE			<u>\$2,379</u>		<u>\$1,983</u>
TOTAL BASIC REVENUE			\$3,025		\$3,174

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 30T - COUNTY, MUNICIPAL OR STATE - TRAFFIC CONTROL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	2,423	\$8.74	\$21,177	\$8.87	\$21,492
ALL KWH	525,000	\$0.08466	\$44,447	\$0.081286	\$42,675
TOTAL ANNUALIZED REVENUE	525,000		\$65,624		\$64,167
LESS: TOTAL FUEL REVENUE			<u>\$13,430</u>		<u>\$11,193</u>
TOTAL BASIC REVENUE			\$52,194		\$52,974

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5C - SMALL GERERAL SERVICE - COTTON GIN SERVICE  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	184	\$22.20	\$4,085	\$22.55	\$4,149
<b><u>ENERGY CHARGES</u></b>					
FIRST 800 KWH - ALL	79,405	\$0.09815	\$7,794	\$0.095023	\$7,545
ADDITIONAL KWH - ALL	6,594,595	\$0.08447	\$557,045	\$0.081127	\$535,000
TOTAL ANNUALIZED REVENUE	6,674,000		\$568,924		\$546,694
LESS: TOTAL FUEL REVENUE			<u>\$170,587</u>		<u>\$142,089</u>
TOTAL BASIC REVENUE			\$398,336		\$404,605

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 7 - SMALL GENERAL SERVICE - ELECTRIC HEAT  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
MINIMUM CHARGE	178	\$18.77	\$3,341	\$19.07	\$3,394
FIRST 100 KW OR LESS	9,231	\$0.00	\$0	\$0.00	\$0
ALL KW OVER 100	0	\$3.42	\$0	\$3.47	\$0
<b><u>ENERGY CHARGES</u></b>					
PEAK MONTHS - ALL KWH	522,816	\$0.09743	\$50,938	\$0.094291	\$49,297
BASE MONTHS - ALL KWH	1,043,865	\$0.07245	\$75,628	\$0.068918	\$71,941
KWH IN MINIMUM CHARGE (FUEL ONLY)	33,319	\$0.02556	\$852	\$0.021290	\$709
TOTAL ANNUALIZED REVENUE	1,600,000		\$130,759		\$125,342
LESS: TOTAL FUEL REVENUE			<u>\$40,896</u>		<u>\$34,064</u>
TOTAL BASIC REVENUE			\$89,863		\$91,278

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 42 - PUBLIC AUTHORITY - ALL ELECTRIC BUILDING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING</b>	<b>PRESENT</b>	<b>PRESENT</b>	<b>PROPOSED</b>	<b>PROPOSED</b>
	<b>UNITS</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>
	<b><u>12/31/2018</u></b>	<b><u>RATES #</u></b>	<b><u>REVENUE</u></b>	<b><u>RATES ##</u></b>	<b><u>REVENUE</u></b>
			<b><u>(1) X (2)</u></b>		<b><u>(1) X (4) ###</u></b>
BASIC CUSTOMER CHARGE	8,959	\$18.77	\$168,160	\$19.07	\$170,848
FIRST 100 KW OR LESS	81,602	\$0.00	\$0	\$0.00	\$0
ALL KW OVER 100	42,388	\$3.42	\$144,967	\$3.47	\$147,086
<b><u>ENERGY CHARGES</u></b>					
PEAK MONTHS - ALL KWH	13,851,835	\$0.09743	\$1,349,584	\$0.094291	\$1,306,103
BASE MONTHS - ALL KWH	29,109,165	\$0.07245	\$2,108,959	\$0.068918	\$2,006,145
TOTAL ANNUALIZED REVENUE	42,961,000		\$3,771,671		\$3,630,183
LESS: TOTAL FUEL REVENUE			<u>\$1,098,083</u>		<u>\$914,640</u>
TOTAL BASIC REVENUE			\$2,673,588		\$2,715,544

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 30 - PUBLIC AUTHORITY  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	12,571	\$18.77	\$235,958	\$19.07	\$239,729
FIRST 100 KW OR LESS	180,244	\$0.00	\$0	\$0.00	\$0
ALL KW OVER 100	77,305	\$3.43	\$265,156	\$3.48	\$269,021
KW MINIMUM - PEAK	5,796	\$5.66	\$32,805	\$5.75	\$33,327
KW MINIMUM - BASE	3,969	\$2.33	\$9,248	\$2.37	\$9,407
KWH INCLUDED IN MINIMUM (FUEL ONLY)	277,442	\$0.02556	\$7,091	\$0.021290	\$5,907
<b><u>ENERGY - PEAK MONTHS</u></b>					
FIRST 800 KWH	2,087,948	\$0.09830	\$205,245	\$0.095175	\$198,720
NEXT 2200 KWH	12,220,802	\$0.09760	\$1,192,750	\$0.094464	\$1,154,426
ADDITIONAL KWH	14,935,542	\$0.07674	\$1,146,153	\$0.073276	\$1,094,417
<b><u>ENERGY - BASE MONTHS</u></b>					
FIRST 800 KWH	4,347,138	\$0.09086	\$394,981	\$0.087618	\$380,888
NEXT 2200 KWH	22,817,228	\$0.09017	\$2,057,429	\$0.086917	\$1,983,205
ADDITIONAL KWH	21,483,899	\$0.06946	\$1,492,272	\$0.065881	\$1,415,381
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	0	\$0.09633	\$0	\$0.093272	\$0
NEXT 2200 KWH	0	\$0.09565	\$0	\$0.092575	\$0
ADDITIONAL KWH	0	\$0.07521	\$0	\$0.071810	\$0
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	0	\$0.08904	\$0	\$0.085866	\$0
NEXT 2200 KWH	0	\$0.08837	\$0	\$0.085179	\$0
ADDITIONAL KWH	0	\$0.06807	\$0	\$0.064563	\$0
TOTAL ANNUALIZED REVENUE	78,169,999		\$7,039,089		\$6,784,427
LESS: TOTAL FUEL REVENUE			<u>\$1,998,025</u>		<u>\$1,664,239</u>
TOTAL BASIC REVENUE			\$5,041,064		\$5,120,188

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5 - SMALL GENERAL SERVICE - COMMERCIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	178,950	\$18.77	\$3,358,892	\$19.07	\$3,412,577
FIRST 100 KW OR LESS	1,407,274	\$0.00	\$0	\$0.00	\$0
ALL KW OVER 100	298,195	\$3.43	\$1,022,809	\$3.48	\$1,037,719
KW MINIMUM - PEAK	19,478	\$5.66	\$110,245	\$5.75	\$111,999
KW MINIMUM - BASE	10,680	\$2.33	\$24,884	\$2.37	\$25,312
KWH INCLUDED IN MINIMUM	840,988	\$0.02556	\$21,496	\$0.021290	\$17,905
<b><u>ENERGY - PEAK MONTHS</u></b>					
FIRST 800 KWH	30,018,205	\$0.09830	\$2,950,790	\$0.095175	\$2,856,983
NEXT 2200 KWH	95,204,966	\$0.09760	\$9,292,005	\$0.094464	\$8,993,442
ADDITIONAL KWH	93,315,777	\$0.07674	\$7,161,053	\$0.073276	\$6,837,807
<b><u>ENERGY - BASE MONTHS</u></b>					
FIRST 800 KWH	57,527,476	\$0.09086	\$5,226,946	\$0.087618	\$5,040,442
NEXT 2200 KWH	166,755,561	\$0.09017	\$15,036,349	\$0.086917	\$14,493,893
ADDITIONAL KWH	125,664,854	\$0.06946	\$8,728,681	\$0.065881	\$8,278,926
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	3,232	\$0.09633	\$311	\$0.093272	\$301
NEXT 2200 KWH	7,125	\$0.09565	\$681	\$0.092575	\$660
ADDITIONAL KWH	0	\$0.07521	\$0	\$0.071810	\$0
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	6,464	\$0.08904	\$576	\$0.085866	\$555
NEXT 2200 KWH	15,208	\$0.08837	\$1,344	\$0.085179	\$1,295
ADDITIONAL KWH	144	\$0.06807	\$10	\$0.064563	\$9
TOTAL ANNUALIZED REVENUE	569,360,000		\$52,937,071		\$51,109,824
LESS: TOTAL FUEL REVENUE			<u>\$14,552,825</u>		<u>\$12,121,661</u>
TOTAL BASIC REVENUE			\$38,384,246		\$38,988,163

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5 - SMALL GENERAL SERVICE - INDUSTRIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT TOTAL RATES #</b>	<b>PRESENT TOTAL REVENUE (1) X (2)</b>	<b>PROPOSED TOTAL RATES ##</b>	<b>PROPOSED TOTAL REVENUE (1) X (4) ###</b>
BASIC CUSTOMER CHARGE	268	\$18.77	\$5,030	\$19.07	\$5,111
FIRST 100 KW OR LESS	14,099	\$0.00	\$0	\$0.00	\$0
ALL KW OVER 100	28,973	\$3.43	\$99,377	\$3.48	\$100,826
KW MINIMUM - PEAK	0	\$5.66	\$0	\$5.75	\$0
KW MINIMUM - BASE	0	\$2.33	\$0	\$2.37	\$0
KWH INCLUDED IN MINIMUM	0	\$0.00000	\$0		
<b><u>ENERGY - PEAK MONTHS</u></b>					
FIRST 800 KWH	65,587	\$0.09830	\$6,447	\$0.095175	\$6,242
NEXT 2200 KWH	1,571,089	\$0.09760	\$153,338	\$0.094464	\$148,411
ADDITIONAL KWH	3,088,699	\$0.07674	\$237,027	\$0.073276	\$226,328
<b><u>ENERGY - BASE MONTHS</u></b>					
FIRST 800 KWH	132,707	\$0.09086	\$12,058	\$0.087618	\$11,628
NEXT 2200 KWH	3,298,485	\$0.09017	\$297,424	\$0.086917	\$286,694
ADDITIONAL KWH	5,817,434	\$0.06946	\$404,079	\$0.065881	\$383,258
<b><u>ENERGY - PEAK MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	0	\$0.09633	\$0	\$0.093272	\$0
NEXT 2200 KWH	0	\$0.09565	\$0	\$0.092575	\$0
ADDITIONAL KWH	0	\$0.07521	\$0	\$0.071810	\$0
<b><u>ENERGY - BASE MONTHS - 2% DISCOUNT</u></b>					
FIRST 800 KWH	0	\$0.08904	\$0	\$0.085866	\$0
NEXT 2200 KWH	0	\$0.08837	\$0	\$0.085179	\$0
ADDITIONAL KWH	0	\$0.06807	\$0	\$0.064563	\$0
 TOTAL ANNUALIZED REVENUE	 13,974,001		 \$1,214,781		 \$1,168,498
LESS: TOTAL FUEL REVENUE			<u>\$357,175</u>		<u>\$297,506</u>
TOTAL BASIC REVENUE			\$857,606		\$870,992

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5P - SMALL GENERAL SERVICE - COMMERCIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT TOTAL RATES #</b>	<b>PRESENT TOTAL REVENUE (1) X (2)</b>	<b>PROPOSED TOTAL RATES ##</b>	<b>PROPOSED TOTAL REVENUE (1) X (4) ###</b>
BASIC CUSTOMER CHARGE - 200 A - 1 PHASE	5,542	\$23.68	\$131,235	\$24.05	\$133,285
BASIC CUSTOMER CHARGE - ALL OTHER	3,123	\$79.20	\$247,342	\$80.45	\$251,245
ALL DISTRIBUTION DEMAND KW	276,282	\$1.880	\$519,410	\$1.910	\$527,699
<b><u>POWER SUPPLY DEMAND CHARGES</u></b>					
PEAK MONTHS - ALL ON-PEAK KW	91,020	\$9.786	\$890,722	\$9.940	\$904,739
BASE MONTHS - ALL ON-PEAK KW	165,954	\$7.245	\$1,202,337	\$7.359	\$1,221,255
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	51,234,353	\$0.05992	\$3,069,962	\$0.056191	\$2,878,910
ALL OFF-PEAK KWH	64,369,647	\$0.04471	\$2,877,967	\$0.040741	\$2,622,484
TOTAL ANNUALIZED REVENUE	115,604,000		\$8,938,974		\$8,539,617
LESS: TOTAL FUEL REVENUE			<u>\$2,954,838</u>		<u>\$2,461,209</u>
TOTAL BASIC REVENUE			\$5,984,136		\$6,078,408

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5P - SMALL GENERAL SERVICE - INDUSTRIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE - 200 A - 1 PHASE	0	\$23.68	\$0	\$24.05	\$0
BASIC CUSTOMER CHARGE - ALL OTHER	36	\$79.20	\$2,851	\$80.45	\$2,896
ALL DISTRIBUTION DEMAND KW	2,745	\$1.880	\$5,161	\$1.910	\$5,243
<b><u>POWER SUPPLY DEMAND CHARGES</u></b>					
PEAK MONTHS - ALL ON-PEAK KW	1,093	\$9.786	\$10,696	\$9.940	\$10,864
BASE MONTHS - ALL ON-PEAK KW	1,599	\$7.245	\$11,585	\$7.359	\$11,767
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	478,859	\$0.05992	\$28,693	\$0.056191	\$26,908
ALL OFF-PEAK KWH	567,141	\$0.04471	\$25,357	\$0.040741	\$23,106
TOTAL ANNUALIZED REVENUE	1,046,000		\$84,343		\$80,784
LESS: TOTAL FUEL REVENUE			<u>\$26,736</u>		<u>\$22,269</u>
TOTAL BASIC REVENUE			\$57,607		\$58,515

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 5P - SMALL GENERAL SERVICE - PUBLIC AUTHORITY  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT TOTAL RATES #</b>	<b>PRESENT TOTAL REVENUE (1) X (2)</b>	<b>PROPOSED TOTAL RATES ##</b>	<b>PROPOSED TOTAL REVENUE (1) X (4) ###</b>
BASIC CUSTOMER CHARGE - 200 A - 1 PHASE	11	\$23.68	\$260	\$24.05	\$265
BASIC CUSTOMER CHARGE - ALL OTHER	58	\$79.20	\$4,594	\$80.45	\$4,666
ALL DISTRIBUTION DEMAND KW	5,433	\$1.880	\$10,214	\$1.910	\$10,377
<b><u>POWER SUPPLY DEMAND CHARGES</u></b>					
PEAK MONTHS - ALL ON-PEAK KW	1,530	\$9.786	\$14,973	\$9.940	\$15,208
BASE MONTHS - ALL ON-PEAK KW	3,640	\$7.245	\$26,372	\$7.359	\$26,787
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	961,304	\$0.05992	\$57,601	\$0.056191	\$54,017
ALL OFF-PEAK KWH	1,158,696	\$0.04471	\$51,805	\$0.040741	\$47,206
TOTAL ANNUALIZED REVENUE	2,120,000		\$165,819		\$158,526
LESS: TOTAL FUEL REVENUE			<u>\$54,187</u>		<u>\$45,135</u>
TOTAL BASIC REVENUE			\$111,632		\$113,391

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6P - LARGE GENERAL SERVICE - COMMERCIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	258	\$78.07	\$20,142	\$78.99	\$20,379
ALL POWER SUPPLY DEMAND KW	184,200	\$14.129	\$2,602,562	\$14.295	\$2,633,139
<b><u>DISTRIBUTION DEMAND KW</u></b>					
ALL DISTRIBUTION KW - PRIMARY SERVICE	22,243	\$1.022	\$22,732	\$1.034	\$22,999
ALL DISTRIBUTION KW - SECONDARY SERVICE	219,983	\$1.526	\$335,694	\$1.544	\$339,654
RKVA	27,836	\$0.187	\$5,205	\$0.189	\$5,261
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	28,757,488	\$0.04559	\$1,311,054	\$0.041587	\$1,195,938
ALL OFF-PEAK KWH	35,554,871	\$0.03911	\$1,390,551	\$0.035031	\$1,245,523
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>					
ALL ON-PEAK KWH	13,507,568	\$0.04468	\$603,494	\$0.040755	\$550,504
ALL OFF-PEAK KWH	16,339,073	\$0.03833	\$626,241	\$0.034330	\$560,927
TOTAL ANNUALIZED REVENUE	94,159,000		\$6,917,675		\$6,574,324
LESS: TOTAL FUEL REVENUE			<u>\$2,372,734</u>		<u>\$1,976,031</u>
TOTAL BASIC REVENUE			\$4,544,941		\$4,598,293

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6P - LARGE GENERAL SERVICE - INDUSTRIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	86	\$78.07	\$6,714	\$78.99	\$6,793
ALL POWER SUPPLY DEMAND KW	279,696	\$14.129	\$3,951,825	\$14.295	\$3,998,254
<b><u>DISTRIBUTION DEMAND KW</u></b>					
ALL DISTRIBUTION KW - PRIMARY SERVICE	206,187	\$1.022	\$210,723	\$1.034	\$213,197
ALL DISTRIBUTION KW - SECONDARY SERVICE	87,706	\$1.526	\$133,839	\$1.544	\$135,418
RKVA	150,866	\$0.187	\$28,212	\$0.189	\$28,514
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	63,436,479	\$0.04559	\$2,892,069	0.041587	\$2,638,133
ALL OFF-PEAK KWH	87,596,871	\$0.03911	\$3,425,914	0.035031	\$3,068,606
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>					
ALL ON-PEAK KWH	5,794,230	\$0.04468	\$258,876	0.040755	\$236,145
ALL OFF-PEAK KWH	6,274,420	\$0.03833	\$240,485	0.034330	\$215,403
TOTAL ANNUALIZED REVENUE	163,102,000		\$11,148,656		\$10,540,464
LESS: TOTAL FUEL REVENUE			<u>\$4,130,146</u>		<u>\$3,439,616</u>
TOTAL BASIC REVENUE			\$7,018,511		\$7,100,848

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6C - LARGE GENERAL SERVICE - COMMERCIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	36	\$154.64	\$5,567	\$156.45	\$5,632
<b><u>CONTRACT DEMAND CHARGE</u></b>					
ALL KW - PRIMARY SERVICE	219,524	\$1.497	\$328,627	\$1.515	\$332,579
ALL KW - SECONDARY SERVICE	6,744	\$2.000	\$13,488	\$2.023	\$13,643
FIRM CONTRACT DEMAND - ALL KW	609	\$4.650	\$2,832	\$4.705	\$2,865
<b><u>ENERGY CHARGES</u></b>					
ALL KWH	5,087,000	\$0.06099	\$310,256	\$0.057168	\$290,814
ALL KWH - 2% DISCOUNT	0	\$0.05977	\$0	\$0.056025	\$0
TOTAL ANNUALIZED REVENUE	5,087,000		\$660,770		\$645,533
LESS: TOTAL FUEL REVENUE			<u>\$129,006</u>		<u>\$107,437</u>
TOTAL BASIC REVENUE			\$531,764		\$538,096

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6L - LARGE GENERAL SERVICE - INDUSTRIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS 12/31/2018	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (1) X (2)	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	47	\$78.07	\$3,646	\$78.99	\$3,689
ALL POWER SUPPLY DEMAND KW	430,178	\$19.206	\$8,261,991	\$19.431	\$8,358,780
<b><u>DISTRIBUTION DEMAND KW</u></b>					
ALL DISTRIBUTION KW - PRIMARY SERVICE	45,448	\$0.994	\$45,175	\$1.006	\$45,721
ALL DISTRIBUTION KW - SECONDARY SERVICE	417,157	\$1.492	\$622,399	\$1.510	\$629,908
<b><u>ENERGY CHARGES</u></b>					
ALL ON-PEAK KWH	144,343,277	\$0.03040	\$4,388,036	\$0.026219	\$3,784,536
ALL OFF-PEAK KWH	103,540,723	\$0.02878	\$2,979,902	\$0.024580	\$2,545,031
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>					
ALL ON-PEAK KWH	0	\$0.02979	\$0	\$0.025695	\$0
ALL OFF-PEAK KWH	0	\$0.02820	\$0	\$0.024088	\$0
TOTAL ANNUALIZED REVENUE	247,884,000		\$16,301,149		\$15,367,666
LESS: TOTAL FUEL REVENUE			<u>\$6,286,338</u>		<u>\$5,235,310</u>
TOTAL BASIC REVENUE			\$10,014,810		\$10,132,355

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 10 - LARGE GENERAL SERVICE - COMMERCIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING UNITS 12/31/2018</b>	<b>PRESENT TOTAL RATES #</b>	<b>PRESENT TOTAL REVENUE (1) X (2)</b>	<b>PROPOSED TOTAL RATES ##</b>	<b>PROPOSED TOTAL REVENUE (1) X (4) ###</b>
BASIC CUSTOMER CHARGE	144	\$136.75	\$19,692	\$138.35	\$19,922
<b><u>CONTRACT DEMAND CHARGE</u></b>					
ALL KW - PRIMARY SERVICE	63,505	\$1.495	\$94,940	\$1.513	\$96,083
ALL KW - SECONDARY SERVICE	76,936	\$2.000	\$153,872	\$2.023	\$155,642
<b><u>ENERGY CHARGES</u></b>					
A - ON-PEAK KWH - SUMMER	1,783,014	\$0.27767	\$495,089	\$0.276391	\$492,809
A - OFF-PEAK KWH - SUMMER	1,482,957	\$0.11519	\$170,822	\$0.112004	\$166,097
B - ON-PEAK KWH - SUMMER	8,370,499	\$0.06453	\$540,148	\$0.060750	\$508,508
B - OFF-PEAK KWH - SUMMER	6,396,623	\$0.04778	\$305,631	\$0.043803	\$280,191
C - ON-PEAK KWH - SUMMER	1,216,577	\$0.05370	\$65,330	\$0.049793	\$60,577
C - OFF-PEAK KWH - SUMMER	426,050	\$0.04534	\$19,317	\$0.041334	\$17,610
A - ON-PEAK KWH - WINTER	95,214	\$0.27767	\$26,438	\$0.276391	\$26,316
A - OFF-PEAK KWH - WINTER	96,544	\$0.11519	\$11,121	\$0.112004	\$10,813
B - ON-PEAK KWH - WINTER	9,063,253	\$0.06454	\$584,942	\$0.060760	\$550,683
B - OFF-PEAK KWH - WINTER	7,202,471	\$0.05419	\$390,302	\$0.050288	\$362,198
C - ON-PEAK KWH - WINTER	3,932,818	\$0.05370	\$211,192	\$0.049793	\$195,827
C - OFF-PEAK KWH - WINTER	1,374,979	\$0.04534	\$62,342	\$0.041334	\$56,833
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>					
A - ON-PEAK KWH - SUMMER	0	\$0.27212	\$0	\$0.270863	\$0
A - OFF-PEAK KWH - SUMMER	0	\$0.11289	\$0	\$0.109764	\$0
B - ON-PEAK KWH - SUMMER	0	\$0.06324	\$0	\$0.059535	\$0
B - OFF-PEAK KWH - SUMMER	0	\$0.04682	\$0	\$0.042927	\$0
C - ON-PEAK KWH - SUMMER	0	\$0.05263	\$0	\$0.048797	\$0
C - OFF-PEAK KWH - SUMMER	0	\$0.04443	\$0	\$0.040507	\$0
A - ON-PEAK KWH - WINTER	0	\$0.27212	\$0	\$0.270863	\$0
A - OFF-PEAK KWH - WINTER	0	\$0.11289	\$0	\$0.109764	\$0
B - ON-PEAK KWH - WINTER	0	\$0.06325	\$0	\$0.059545	\$0
B - OFF-PEAK KWH - WINTER	0	\$0.05311	\$0	\$0.049282	\$0
C - ON-PEAK KWH - WINTER	0	\$0.05263	\$0	\$0.048797	\$0
C - OFF-PEAK KWH - WINTER	0	\$0.04443	\$0	\$0.040507	\$0
TOTAL ANNUALIZED REVENUE	41,440,999		\$3,151,179		\$3,000,111
LESS: TOTAL FUEL REVENUE			<u>\$1,050,944</u>		<u>\$875,234</u>
TOTAL BASIC REVENUE			\$2,100,235		\$2,124,877

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 10 - LARGE GENERAL SERVICE - INDUSTRIAL  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	BILLING UNITS <u>12/31/2018</u>	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE <u>(1) X (2)</u>	PROPOSED TOTAL RATES ##	PROPOSED TOTAL REVENUE <u>(1) X (4) ###</u>
BASIC CUSTOMER CHARGE	134	\$136.75	\$18,325	\$138.35	\$18,539
<b><u>CONTRACT DEMAND CHARGE</u></b>					
ALL KW - PRIMARY SERVICE	179,492	\$1.495	\$268,341	\$1.513	\$271,571
ALL KW - SECONDARY SERVICE	216,629	\$2.000	\$433,258	\$2.023	\$438,240
<b><u>ENERGY CHARGES</u></b>					
A - ON-PEAK KWH - SUMMER	2,457,826	\$0.27767	\$682,465	\$0.276391	\$679,321
A - OFF-PEAK KWH - SUMMER	2,205,637	\$0.11519	\$254,067	\$0.112004	\$247,040
B - ON-PEAK KWH - SUMMER	10,499,465	\$0.06453	\$677,530	\$0.060750	\$637,842
B - OFF-PEAK KWH - SUMMER	9,833,441	\$0.04778	\$469,842	\$0.043803	\$430,734
C - ON-PEAK KWH - SUMMER	1,840,288	\$0.05370	\$98,823	\$0.049793	\$91,633
C - OFF-PEAK KWH - SUMMER	775,247	\$0.04534	\$35,150	\$0.041334	\$32,044
A - ON-PEAK KWH - WINTER	147,521	\$0.27767	\$40,962	\$0.276391	\$40,773
A - OFF-PEAK KWH - WINTER	130,479	\$0.11519	\$15,030	\$0.112004	\$14,614
B - ON-PEAK KWH - WINTER	14,068,994	\$0.06454	\$908,013	\$0.060760	\$854,832
B - OFF-PEAK KWH - WINTER	12,899,975	\$0.05419	\$699,050	\$0.050288	\$648,714
C - ON-PEAK KWH - WINTER	6,175,387	\$0.05370	\$331,618	\$0.049793	\$307,491
C - OFF-PEAK KWH - WINTER	2,718,445	\$0.04534	\$123,254	\$0.041334	\$112,364
<b><u>ENERGY CHARGES - 2% DISCOUNT</u></b>					
A - ON-PEAK KWH - SUMMER	1,658,006	\$0.27212	\$451,171	\$0.270863	\$449,093
A - OFF-PEAK KWH - SUMMER	1,487,823	\$0.11289	\$167,955	\$0.109764	\$163,309
B - ON-PEAK KWH - SUMMER	7,029,756	\$0.06324	\$444,558	\$0.059535	\$418,517
B - OFF-PEAK KWH - SUMMER	6,733,496	\$0.04682	\$315,292	\$0.042927	\$289,048
C - ON-PEAK KWH - SUMMER	1,157,537	\$0.05263	\$60,917	\$0.048797	\$56,484
C - OFF-PEAK KWH - SUMMER	537,113	\$0.04443	\$23,866	\$0.040507	\$21,757
A - ON-PEAK KWH - WINTER	116,542	\$0.27212	\$31,713	\$0.270863	\$31,567
A - OFF-PEAK KWH - WINTER	96,145	\$0.11289	\$10,853	\$0.109764	\$10,553
B - ON-PEAK KWH - WINTER	9,647,712	\$0.06325	\$610,210	\$0.059545	\$574,471
B - OFF-PEAK KWH - WINTER	9,080,372	\$0.05311	\$482,224	\$0.049282	\$447,501
C - ON-PEAK KWH - WINTER	3,907,710	\$0.05263	\$205,647	\$0.048797	\$190,685
C - OFF-PEAK KWH - WINTER	1,852,082	\$0.04443	\$82,294	\$0.040507	\$75,023
TOTAL ANNUALIZED REVENUE	107,056,999		\$7,942,426		\$7,553,764
LESS: TOTAL FUEL REVENUE			<u>\$2,693,002</u>		<u>\$2,242,752</u>
TOTAL BASIC REVENUE			\$5,249,425		\$5,311,012

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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Sep 17 2019

**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 6VP - LARGE GENERAL SERVICE  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562  
CALCULATION OF REVENUES**

	(1) BILLING UNITS 12/31/2018	(2) PRESENT TOTAL RATES #	(3) PRESENT TOTAL REVENUE (1) X (2)	(4) PROPOSED TOTAL RATES ##	(5) PROPOSED TOTAL REVENUE (1) X (4) ###
BASIC CUSTOMER CHARGE	37	\$143.87	\$5,323	\$145.90	\$5,398
<b><u>MINIMUM CHARGE</u></b>					
ALL KW OF CONTRACT DEMAND	475,648	\$1.279	\$608,354	\$1.297	\$616,915
<b><u>CONTRACT DEMAND CHARGE - PRIMARY</u></b>					
FIRST 12,000 KW OF CONTRACT DEMAND	438,644	\$0.000	\$0	\$0.000	\$0
ADDITIONAL KW OF CONTRACT DEMAND	362,231	\$0.801	\$290,147	\$0.812	\$294,132
<b><u>CONTRACT DEMAND CHARGE - SECONDARY</u></b>					
FIRST 12,000 KW OF CONTRACT DEMAND	0	\$0.801	\$0	\$0.812	\$0
ADDITIONAL KW OF CONTRACT DEMAND	0	\$1.601	\$0	\$1.624	\$0
<b><u>CAPACITY SURCHARGE</u></b>					
ALL KWH UP TO 12,000 TIMES APPLICABLE HRS	3,658,672	\$0.425	\$1,554,936	\$0.431	\$1,576,888
ANY ADDITIONAL KWH DURING APPLICABLE HRS	297,197	\$0.359	\$106,694	\$0.364	\$108,180
<b><u>ENERGY CHARGES</u></b>					
A - ON-PEAK KWH - SUMMER	1,341,442	\$0.12611	\$169,169	\$0.123366	\$165,488
A - OFF-PEAK KWH - SUMMER	2,064,627	\$0.05745	\$118,613	\$0.053738	\$110,949
B - ON-PEAK KWH - SUMMER	15,264,961	\$0.06104	\$931,773	\$0.057379	\$875,888
B - OFF-PEAK KWH - SUMMER	12,895,776	\$0.04715	\$608,036	\$0.043293	\$558,297
C - ON-PEAK KWH - SUMMER	2,239,956	\$0.04715	\$105,614	\$0.043293	\$96,974
C - OFF-PEAK KWH - SUMMER	952,031	\$0.03915	\$37,272	\$0.035180	\$33,492
A - ON-PEAK KWH - WINTER	20,590	\$0.12611	\$2,597	\$0.123366	\$2,540
A - OFF-PEAK KWH - WINTER	12,432	\$0.06317	\$785	\$0.059539	\$740
B - ON-PEAK KWH - WINTER	7,627,574	\$0.06103	\$465,511	\$0.057369	\$437,586
B - OFF-PEAK KWH - WINTER	6,486,402	\$0.05173	\$335,542	\$0.047938	\$310,945
C - ON-PEAK KWH - WINTER	4,299,306	\$0.05060	\$217,545	\$0.046792	\$201,173
C - OFF-PEAK KWH - WINTER	1,583,673	\$0.04257	\$67,417	\$0.038648	\$61,206
BASE KWH	219,055,231	\$0.05486	\$12,017,370	\$0.051112	\$11,196,351
<b><u>ENERGY CHARGES WITH 2% DISC PLUS 2% SURCHARGE</u></b>					
A - ON-PEAK KWH - SUMMER	0	\$0.12606	\$0	\$0.123317	\$0
A - OFF-PEAK KWH - SUMMER	0	\$0.05743	\$0	\$0.053717	\$0
B - ON-PEAK KWH - SUMMER	0	\$0.06102	\$0	\$0.057356	\$0
B - OFF-PEAK KWH - SUMMER	0	\$0.04713	\$0	\$0.043276	\$0
C - ON-PEAK KWH - SUMMER	0	\$0.04713	\$0	\$0.043276	\$0
C - OFF-PEAK KWH - SUMMER	0	\$0.03913	\$0	\$0.035166	\$0
A - ON-PEAK KWH - WINTER	0	\$0.12606	\$0	\$0.123317	\$0
A - OFF-PEAK KWH - WINTER	0	\$0.06314	\$0	\$0.059515	\$0
B - ON-PEAK KWH - WINTER	0	\$0.06101	\$0	\$0.057346	\$0
B - OFF-PEAK KWH - WINTER	0	\$0.05171	\$0	\$0.047919	\$0
C - ON-PEAK KWH - WINTER	0	\$0.05058	\$0	\$0.046773	\$0
C - OFF-PEAK KWH - WINTER	0	\$0.04255	\$0	\$0.038633	\$0
BASE KWH	0	\$0.05484	\$0	\$0.051092	\$0
TOTAL ANNUALIZED REVENUE	273,844,001		\$17,642,697		\$16,653,143
LESS: TOTAL FUEL REVENUE			<u>\$6,832,408</u>		<u>\$5,690,478</u>
TOTAL BASIC REVENUE			\$10,810,289		\$10,962,665

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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Sep 17 2019



**DOMINION ENERGY NORTH CAROLINA  
SCHEDULE NS  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562**

**CALCULATION OF REVENUES**

	(1)	(2)	(3)	(4)	(5)
	<b>BILLING</b>	<b>PRESENT</b>	<b>PRESENT</b>	<b>PROPOSED</b>	<b>PROPOSED</b>
	<b>UNITS</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>
	<b><u>12/31/2018</u></b>	<b><u>RATES #</u></b>	<b><u>(1) X (2)</u></b>	<b><u>RATES ##</u></b>	<b><u>(1) X (4) ###</u></b>
MONTHLY CUSTOMER CHARGE	12	\$4,488.02	\$53,856	\$4,580.65	\$54,968
<b><u>RESERVATION DEMAND KW</u></b>					
TRANSMISSION SERVICE CHARGE	2,017,526	\$2.066	\$4,168,209	\$2.109	\$4,254,962
ANCILLARY SERVICE CHARGE	2,017,526	\$0.676	\$1,363,848	\$0.690	\$1,392,093
<b><u>ENERGY CHARGES</u></b>					
TIER 1					
TIER 2 (A)					
TIER 2 (B)					
TIER 3					
TOTAL ANNUAL REVENUE	918,042,000		\$48,103,177		\$44,845,196
LESS: TOTAL FUEL REVENUE			<u>\$22,574,653</u>		<u>\$18,810,681</u>
TOTAL BASIC REVENUE			\$25,528,524		\$26,034,515

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 26 - RESIDENTIAL - OUTDOOR LIGHTING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	KWH PER LAMP	ANNUAL NUMBER OF LAMPS	ANNUAL KWH (1) X (2)	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (2) X (4)	PROPOSED TOTAL RATES #	PROPOSED TOTAL REVENUE (2) X (6) #
<b>WATCHLIGHT, AREA AND ROADWAY LIGHTING</b>							
<b>MERCURY VAPOR</b>							
3,300 LUMENS	40	2,602	104,080	\$11.68	\$30,391	\$11.92	\$31,016
7,000 LUMENS	70	36,856	2,579,909	\$13.79	\$508,242	\$13.95	\$514,139
11,000 LUMENS	100	214	21,386	\$16.40	\$3,507	\$16.49	\$3,527
20,000 LUMENS	150	12	1,782	\$21.25	\$252	\$21.27	\$253
33,000 LUMENS	250	0	0	\$36.03	\$0	\$36.06	\$0
53,000 LUMENS	360	0	0	\$44.81	\$0	\$44.60	\$0
<b>SODIUM VAPOR</b>							
5,000 LUMENS	30	1,438	43,129	\$12.44	\$17,884	\$12.75	\$18,330
8,000 LUMENS	40	53,418	2,136,736	\$13.38	\$714,738	\$13.67	\$730,230
14,000 LUMENS	70	29,525	2,066,755	\$15.36	\$453,505	\$15.57	\$459,705
23,000 LUMENS	105	558	58,634	\$19.82	\$11,068	\$20.00	\$11,168
42,000 LUMENS	160	416	66,535	\$31.29	\$13,012	\$31.63	\$13,153
127,000 LUMENS	380	36	13,545	\$46.76	\$1,667	\$46.53	\$1,659
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$9.97	\$0	\$10.33	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$11.88	\$0	\$12.25	\$0
3 LUMINAIRE RATE TIER	25	12	297	\$13.42	\$159	\$13.79	\$164
4 LUMINAIRE RATE TIER	35	0	0	\$14.35	\$0	\$14.70	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$16.32	\$0	\$16.70	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$19.68	\$0	\$20.14	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$20.94	\$0	\$21.39	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$22.14	\$0	\$22.58	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$23.92	\$0	\$24.38	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$25.02	\$0	\$25.46	\$0
<b>PREMIUM FIXTURES</b>							
<b>NON-DECORATIVE POLE</b>							
5,000 LUMENS	30	0	0	\$27.11	\$0	\$27.97	\$0
8,000 LUMENS	40	24	951	\$27.66	\$658	\$28.49	\$677
14,000 LUMENS	70	48	3,327	\$30.25	\$1,438	\$31.02	\$1,474
23,000 LUMENS	105	0	0	\$36.76	\$0	\$37.58	\$0
42,000 LUMENS	160	0	0	\$40.45	\$0	\$41.13	\$0
<b>DECORATIVE FLUTED POLE</b>							
5,000 LUMENS	30	0	0	\$41.19	\$0	\$42.58	\$0
8,000 LUMENS	40	0	0	\$42.43	\$0	\$43.81	\$0
14,000 LUMENS	70	12	832	\$44.57	\$530	\$45.87	\$545
<b>EACH ADD'L UNIT ON SAME POLE</b>							
5,000 LUMENS	30	0	0	\$12.82	\$0	\$13.14	\$0
8,000 LUMENS	40	48	1,901	\$13.36	\$635	\$13.65	\$649
14,000 LUMENS	70	0	0	\$15.07	\$0	\$15.27	\$0
23,000 LUMENS	105	0	0	\$21.55	\$0	\$21.80	\$0
42,000 LUMENS	160	0	0	\$25.24	\$0	\$25.35	\$0
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$26.21	\$0	\$27.18	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$26.90	\$0	\$27.83	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$28.94	\$0	\$29.89	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$30.97	\$0	\$31.95	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$31.67	\$0	\$32.62	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$32.35	\$0	\$33.28	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$33.04	\$0	\$33.95	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$33.73	\$0	\$34.60	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$35.05	\$0	\$35.92	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$35.74	\$0	\$36.58	\$0
<b>WIDE- AREA LIGHTING (EXPRESSWAY FIXTURE)</b>							
<b>FIRST UNIT PER POLE</b>							
23,000 LUMENS	105	0	0	\$45.29	\$0	\$46.43	\$0
42,000 LUMENS	160	0	0	\$50.26	\$0	\$51.31	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
23,000 LUMENS	105	0	0	\$27.14	\$0	\$27.60	\$0
42,000 LUMENS	160	12	1,901	\$31.63	\$376	\$31.98	\$380
<b>DIRECTIONAL LIGHTING</b>							
<b>FIRST UNIT PER POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	48	7,129	\$22.43	\$1,066	\$22.50	\$1,069
53,000 LUMENS - MERCURY VAPOR	360	0	0	\$42.91	\$0	\$42.63	\$0
42,000 LUMENS - SODIUM VAPOR	160	273	43,723	\$32.25	\$8,813	\$32.63	\$8,917
127,000 LUMENS - SODIUM VAPOR	380	0	0	\$46.14	\$0	\$45.89	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	12	1,782	\$17.96	\$213	\$17.86	\$212
53,000 LUMENS - MERCURY VAPOR	360	0	0	\$29.20	\$0	\$28.41	\$0
42,000 LUMENS - SODIUM VAPOR	160	48	7,604	\$18.50	\$879	\$18.36	\$873
127,000 LUMENS - SODIUM VAPOR	380	0	0	\$32.48	\$0	\$31.71	\$0
<b>SUBURBAN LIGHTING SERVICE</b>							
5,000 LUMENS	30	475	14,258	\$15.46	\$7,348	\$15.88	\$7,547
8,000 LUMENS	40	2,495	99,803	\$16.31	\$40,695	\$16.71	\$41,693
<b>TOTAL ANNUAL REVENUE</b>		<b>128,580</b>	<b>7,275,999</b>		<b>\$1,817,076</b>		<b>\$1,847,379</b>
		AVERAGE RATE.....			\$0.24974		\$0.25390
		BOOKED KWH.....			7,276,000		
		TOTAL ANNUALIZED REVENUE.....			\$1,817,076		\$1,847,379
		LESS: TOTAL FUEL REVENUE			\$186,120		\$155,124
		TOTAL BASIC REVENUE			\$1,630,956		\$1,692,255

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

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Sep 17 2019

DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 26 - COMMERCIAL - OUTDOOR LIGHTING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	KWH PER LAMP	ANNUAL NUMBER OF LAMPS	ANNUAL KWH (1) X (2)	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (2) X (4)	PROPOSED TOTAL RATES #	PROPOSED TOTAL REVENUE (2) X (6) #
<b>WATCHLITE, AREA AND ROADWAY LIGHTING</b>							
<b>MERCURY VAPOR</b>							
3,300 LUMENS	40	2,145	85,790	\$11.68	\$25,051	\$11.92	\$25,565
7,000 LUMENS	70	14,776	1,034,332	\$13.79	\$203,763	\$13.95	\$206,128
11,000 LUMENS	100	699	69,911	\$16.40	\$11,465	\$16.49	\$11,528
20,000 LUMENS	150	1,706	255,947	\$21.25	\$36,259	\$21.27	\$36,293
33,000 LUMENS	250	59	14,812	\$36.03	\$2,135	\$36.06	\$2,136
53,000 LUMENS	360	107	38,392	\$44.81	\$4,779	\$44.60	\$4,756
<b>SODIUM VAPOR</b>							
5,000 LUMENS	30	747	22,395	\$12.44	\$9,286	\$12.75	\$9,518
8,000 LUMENS	40	13,923	556,921	\$13.38	\$186,290	\$13.67	\$190,328
14,000 LUMENS	70	16,411	1,148,797	\$15.36	\$252,079	\$15.57	\$255,525
23,000 LUMENS	105	7,513	788,813	\$19.82	\$148,898	\$20.00	\$150,250
42,000 LUMENS	160	8,887	1,421,926	\$31.29	\$278,075	\$31.63	\$281,097
127,000 LUMENS	380	2,074	787,984	\$46.76	\$96,964	\$46.53	\$96,487
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	12	59	\$9.97	\$118	\$10.33	\$122
2 LUMINAIRE RATE TIER	15	83	1,244	\$11.88	\$985	\$12.25	\$1,016
3 LUMINAIRE RATE TIER	25	0	0	\$13.42	\$0	\$13.79	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$14.35	\$0	\$14.70	\$0
5 LUMINAIRE RATE TIER	45	36	1,600	\$16.32	\$580	\$16.70	\$594
6 LUMINAIRE RATE TIER	55	0	0	\$19.68	\$0	\$20.14	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$20.94	\$0	\$21.39	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$22.14	\$0	\$22.58	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$23.92	\$0	\$24.38	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$25.02	\$0	\$25.46	\$0
<b>PREMIUM FIXTURES</b>							
<b>NON-DECORATIVE POLE</b>							
5,000 LUMENS	30	24	711	\$27.11	\$643	\$27.97	\$663
8,000 LUMENS	40	320	12,797	\$27.66	\$8,849	\$28.49	\$9,115
14,000 LUMENS	70	675	47,279	\$30.25	\$20,431	\$31.02	\$20,951
23,000 LUMENS	105	201	21,151	\$36.76	\$7,405	\$37.58	\$7,570
42,000 LUMENS	160	924	147,880	\$40.45	\$37,386	\$41.13	\$38,014
<b>DECORATIVE FLUTED POLE</b>							
5,000 LUMENS	30	0	0	\$41.19	\$0	\$42.58	\$0
8,000 LUMENS	40	71	2,844	\$42.43	\$3,017	\$43.81	\$3,115
14,000 LUMENS	70	0	0	\$44.57	\$0	\$45.87	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
5,000 LUMENS	30	0	0	\$12.82	\$0	\$13.14	\$0
8,000 LUMENS	40	130	5,214	\$13.36	\$1,741	\$13.65	\$1,779
14,000 LUMENS	70	0	0	\$15.07	\$0	\$15.27	\$0
23,000 LUMENS	105	166	17,419	\$21.55	\$3,575	\$21.80	\$3,617
42,000 LUMENS	160	47	7,584	\$25.24	\$1,196	\$25.35	\$1,202
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$26.21	\$0	\$27.18	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$26.90	\$0	\$27.83	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$28.94	\$0	\$29.89	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$30.97	\$0	\$31.95	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$31.67	\$0	\$32.62	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$32.35	\$0	\$33.28	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$33.04	\$0	\$33.95	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$33.73	\$0	\$34.60	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$35.05	\$0	\$35.92	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$35.74	\$0	\$36.58	\$0
<b>WIDE-AREA LIGHTING (EXPRESSWAY FIXTURE)</b>							
<b>FIRST UNIT PER POLE</b>							
23,000 LUMENS	105	0	0	\$45.29	\$0	\$46.43	\$0
42,000 LUMENS	160	24	3,792	\$50.26	\$1,191	\$51.31	\$1,216
<b>EACH ADD'L UNIT ON SAME POLE</b>							
23,000 LUMENS	105	12	1,244	\$27.14	\$322	\$27.60	\$327
42,000 LUMENS	160	24	3,792	\$31.63	\$750	\$31.98	\$758
<b>DIRECTIONAL LIGHTING</b>							
<b>FIRST UNIT PER POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	1,149	172,408	\$22.43	\$25,781	\$22.50	\$25,861
53,000 LUMENS - MERCURY VAPOR	360	462	166,365	\$42.91	\$19,830	\$42.63	\$19,700
42,000 LUMENS - SODIUM VAPOR	160	6,956	1,112,894	\$32.25	\$224,318	\$32.63	\$226,961
127,000 LUMENS - SODIUM VAPOR	380	889	337,707	\$46.14	\$41,005	\$45.89	\$40,783
<b>EACH ADD'L UNIT ON SAME POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	190	28,439	\$17.96	\$3,405	\$17.86	\$3,386
53,000 LUMENS - MERCURY VAPOR	360	166	59,721	\$29.20	\$4,844	\$28.41	\$4,713
42,000 LUMENS - SODIUM VAPOR	160	2,571	411,410	\$18.50	\$47,569	\$18.36	\$47,209
127,000 LUMENS - SODIUM VAPOR	380	510	193,619	\$32.48	\$16,549	\$31.71	\$16,157
<b>SUBURBAN LIGHTING SERVICE</b>							
5,000 LUMENS	30	71	2,133	\$15.46	\$1,099	\$15.88	\$1,129
8,000 LUMENS	40	1,742	69,674	\$16.31	\$28,410	\$16.71	\$29,106
<b>TOTAL ANNUAL REVENUE</b>							
		86,500	9,055,000		\$1,756,043		\$1,774,676
					AVERAGE RATE.....		\$0.19393
					BOOKED KWH.....		9,055,000
					TOTAL ANNUALIZED REVENUE.....		\$1,774,676
					LESS: TOTAL FUEL REVENUE		\$193,053
					TOTAL BASIC REVENUE		\$1,581,623

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.  
## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.  
### EXCLUDES NON-FUEL RIDERS.

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Sep 17 2019

DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 26 - INDUSTRIAL - OUTDOOR LIGHTING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	KWH PER LAMP	ANNUAL NUMBER OF LAMPS	ANNUAL KWH (1) X (2)	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (2) X (4)	PROPOSED TOTAL RATES #	PROPOSED TOTAL REVENUE (2) X (6) #
<b>WATCHLIGHT, AREA AND ROADWAY LIGHTING</b>							
<b>MERCURY VAPOR</b>							
3,300 LUMENS	40	0	0	\$11.68	\$0	\$11.92	\$0
7,000 LUMENS	70	310	21,706	\$13.79	\$4,276	\$13.95	\$4,326
11,000 LUMENS	100	48	4,771	\$16.40	\$782	\$16.49	\$787
20,000 LUMENS	150	429	64,402	\$21.25	\$9,124	\$21.27	\$9,132
33,000 LUMENS	250	0	0	\$36.03	\$0	\$36.06	\$0
53,000 LUMENS	360	0	0	\$44.81	\$0	\$44.60	\$0
<b>SODIUM VAPOR</b>							
5,000 LUMENS	30	95	2,862	\$12.44	\$1,187	\$12.75	\$1,216
8,000 LUMENS	40	131	5,248	\$13.38	\$1,755	\$13.67	\$1,794
14,000 LUMENS	70	322	22,541	\$15.36	\$4,946	\$15.57	\$5,014
23,000 LUMENS	105	704	73,883	\$19.82	\$13,946	\$20.00	\$14,073
42,000 LUMENS	160	465	74,420	\$31.29	\$14,554	\$31.63	\$14,712
127,000 LUMENS	380	12	4,532	\$46.76	\$558	\$46.53	\$555
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$9.97	\$0	\$10.33	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$11.88	\$0	\$12.25	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$13.42	\$0	\$13.79	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$14.35	\$0	\$14.70	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$16.32	\$0	\$16.70	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$19.68	\$0	\$20.14	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$20.94	\$0	\$21.39	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$22.14	\$0	\$22.58	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$23.92	\$0	\$24.38	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$25.02	\$0	\$25.46	\$0
<b>PREMIUM FIXTURES</b>							
<b>NON-DECORATIVE POLE</b>							
5,000 LUMENS	30	0	0	\$27.11	\$0	\$27.97	\$0
8,000 LUMENS	40	0	0	\$27.66	\$0	\$28.49	\$0
14,000 LUMENS	70	0	0	\$30.25	\$0	\$31.02	\$0
23,000 LUMENS	105	0	0	\$36.76	\$0	\$37.58	\$0
42,000 LUMENS	160	0	0	\$40.45	\$0	\$41.13	\$0
<b>DECORATIVE FLUTED POLE</b>							
5,000 LUMENS	30	0	0	\$41.19	\$0	\$42.58	\$0
8,000 LUMENS	40	0	0	\$42.43	\$0	\$43.81	\$0
14,000 LUMENS	70	0	0	\$44.57	\$0	\$45.87	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
5,000 LUMENS	30	0	0	\$12.82	\$0	\$13.14	\$0
8,000 LUMENS	40	0	0	\$13.36	\$0	\$13.65	\$0
14,000 LUMENS	70	0	0	\$15.07	\$0	\$15.27	\$0
23,000 LUMENS	105	0	0	\$21.55	\$0	\$21.80	\$0
42,000 LUMENS	160	0	0	\$25.24	\$0	\$25.35	\$0
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$26.21	\$0	\$27.18	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$26.90	\$0	\$27.83	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$28.94	\$0	\$29.89	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$30.97	\$0	\$31.95	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$31.67	\$0	\$32.62	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$32.35	\$0	\$33.28	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$33.04	\$0	\$33.95	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$33.73	\$0	\$34.60	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$35.05	\$0	\$35.92	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$35.74	\$0	\$36.58	\$0
<b>WIDE-AREA LIGHTING (EXPRESSWAY FIXTURE)</b>							
<b>FIRST UNIT PER POLE</b>							
23,000 LUMENS	105	0	0	\$45.29	\$0	\$46.43	\$0
42,000 LUMENS	160	0	0	\$50.26	\$0	\$51.31	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
23,000 LUMENS	105	0	0	\$27.14	\$0	\$27.60	\$0
42,000 LUMENS	160	0	0	\$31.63	\$0	\$31.98	\$0
<b>DIRECTIONAL LIGHTING</b>							
<b>FIRST UNIT PER POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	24	3,578	\$22.43	\$535	\$22.50	\$537
53,000 LUMENS - MERCURY VAPOR	360	12	4,293	\$42.91	\$512	\$42.63	\$508
42,000 LUMENS - SODIUM VAPOR	160	453	72,512	\$32.25	\$14,616	\$32.63	\$14,788
127,000 LUMENS - SODIUM VAPOR	380	119	45,320	\$46.14	\$5,503	\$45.89	\$5,473
<b>EACH ADD'L UNIT ON SAME POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	0	0	\$17.96	\$0	\$17.86	\$0
53,000 LUMENS - MERCURY VAPOR	360	0	0	\$29.20	\$0	\$28.41	\$0
42,000 LUMENS - SODIUM VAPOR	160	310	49,613	\$18.50	\$5,737	\$18.36	\$5,693
127,000 LUMENS - SODIUM VAPOR	380	119	45,320	\$32.48	\$3,874	\$31.71	\$3,782
<b>SUBURBAN LIGHTING SERVICE</b>							
5,000 LUMENS	30	0	0	\$15.46	\$0	\$15.88	\$0
8,000 LUMENS	40	0	0	\$16.31	\$0	\$16.71	\$0
<b>TOTAL ANNUAL REVENUE</b>							
		3,554	495,001		\$81,904		\$82,389
AVERAGE RATE.....					\$0.16546	\$0.16644	
BOOKED KWH.....					495,000		
TOTAL ANNUALIZED REVENUE.....					\$81,903	\$82,389	
LESS: TOTAL FUEL REVENUE					\$12,662	\$10,553	
TOTAL BASIC REVENUE					\$69,241	\$71,835	

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.

## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.

### EXCLUDES NON-FUEL RIDERS.

OFFICIAL COPY

Sep 17 2019

DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 26 - PUBLIC AUTHORITY - STREET AND ROADWAY LIGHTING  
12 MONTHS ENDED DECEMBER 31, 2018  
DOCKET NO. E-22, SUB 562

CALCULATION OF REVENUES

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	KWH PER LAMP	ANNUAL NUMBER OF LAMPS	ANNUAL KWH (1) X (2)	PRESENT TOTAL RATES #	PRESENT TOTAL REVENUE (2) X (4)	PROPOSED TOTAL RATES #	PROPOSED TOTAL REVENUE (2) X (6) #
<b>WATCHLIGHT, AREA AND ROADWAY LIGHTING</b>							
<b>MERCURY VAPOR</b>							
3,300 LUMENS	40	31,859	1,274,345	\$11.68	\$372,109	\$11.92	\$379,755
7,000 LUMENS	70	15,040	1,052,809	\$13.79	\$207,403	\$13.95	\$209,810
11,000 LUMENS	100	1,908	190,848	\$16.40	\$31,299	\$16.49	\$31,471
20,000 LUMENS	150	3,427	513,989	\$21.25	\$72,815	\$21.27	\$72,884
33,000 LUMENS	250	0	0	\$36.03	\$0	\$36.06	\$0
53,000 LUMENS	360	43	15,615	\$44.81	\$1,944	\$44.60	\$1,935
<b>SODIUM VAPOR</b>							
5,000 LUMENS	30	1,290	38,712	\$12.44	\$16,053	\$12.75	\$16,453
8,000 LUMENS	40	9,499	379,961	\$13.38	\$127,097	\$13.67	\$129,852
14,000 LUMENS	70	23,899	1,672,957	\$15.36	\$367,095	\$15.57	\$372,113
23,000 LUMENS	105	5,953	625,082	\$19.82	\$117,992	\$20.00	\$119,063
42,000 LUMENS	160	5,986	957,710	\$31.29	\$187,292	\$31.63	\$189,327
127,000 LUMENS	380	195	74,171	\$46.76	\$9,127	\$46.53	\$9,082
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$9.97	\$0	\$10.33	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$11.88	\$0	\$12.25	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$13.42	\$0	\$13.79	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$14.35	\$0	\$14.70	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$16.32	\$0	\$16.70	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$19.68	\$0	\$20.14	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$20.94	\$0	\$21.39	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$22.14	\$0	\$22.58	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$23.92	\$0	\$24.38	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$25.02	\$0	\$25.46	\$0
<b>PREMIUM FIXTURES</b>							
<b>NON-DECORATIVE POLE</b>							
5,000 LUMENS	30	0	0	\$27.11	\$0	\$27.97	\$0
8,000 LUMENS	40	0	0	\$27.66	\$0	\$28.49	\$0
14,000 LUMENS	70	0	0	\$30.25	\$0	\$31.02	\$0
23,000 LUMENS	105	141	14,802	\$36.76	\$5,182	\$37.58	\$5,298
42,000 LUMENS	160	22	3,470	\$40.45	\$877	\$41.13	\$892
<b>DECORATIVE FLUTED POLE</b>							
5,000 LUMENS	30	0	0	\$41.19	\$0	\$42.58	\$0
8,000 LUMENS	40	260	10,410	\$42.43	\$11,042	\$43.81	\$11,402
14,000 LUMENS	70	1,735	121,449	\$44.57	\$77,328	\$45.87	\$79,584
<b>EACH ADD'L UNIT ON SAME POLE</b>							
5,000 LUMENS	30	0	0	\$12.82	\$0	\$13.14	\$0
8,000 LUMENS	40	0	0	\$13.36	\$0	\$13.65	\$0
14,000 LUMENS	70	0	0	\$15.07	\$0	\$15.27	\$0
23,000 LUMENS	105	0	0	\$21.55	\$0	\$21.80	\$0
42,000 LUMENS	160	0	0	\$25.24	\$0	\$25.35	\$0
<b>LED</b>							
1 LUMINAIRE RATE TIER	5	0	0	\$26.21	\$0	\$27.18	\$0
2 LUMINAIRE RATE TIER	15	0	0	\$26.90	\$0	\$27.83	\$0
3 LUMINAIRE RATE TIER	25	0	0	\$28.94	\$0	\$29.89	\$0
4 LUMINAIRE RATE TIER	35	0	0	\$30.97	\$0	\$31.95	\$0
5 LUMINAIRE RATE TIER	45	0	0	\$31.67	\$0	\$32.62	\$0
6 LUMINAIRE RATE TIER	55	0	0	\$32.35	\$0	\$33.28	\$0
7 LUMINAIRE RATE TIER	65	0	0	\$33.04	\$0	\$33.95	\$0
8 LUMINAIRE RATE TIER	75	0	0	\$33.73	\$0	\$34.60	\$0
9 LUMINAIRE RATE TIER	85	0	0	\$35.05	\$0	\$35.92	\$0
10 LUMINAIRE RATE TIER	95	0	0	\$35.74	\$0	\$36.58	\$0
<b>WIDE-AREA LIGHTING (EXPRESSWAY FIXTURE)</b>							
<b>FIRST UNIT PER POLE</b>							
23,000 LUMENS	105	0	0	\$45.29	\$0	\$46.43	\$0
42,000 LUMENS	160	0	0	\$50.26	\$0	\$51.31	\$0
<b>EACH ADD'L UNIT ON SAME POLE</b>							
23,000 LUMENS	105	0	0	\$27.14	\$0	\$27.60	\$0
42,000 LUMENS	160	33	5,205	\$31.63	\$1,029	\$31.98	\$1,040
<b>DIRECTIONAL LIGHTING</b>							
<b>FIRST UNIT PER POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	141	21,145	\$22.43	\$3,162	\$22.50	\$3,172
53,000 LUMENS - MERCURY VAPOR	360	22	7,807	\$42.91	\$931	\$42.63	\$924
42,000 LUMENS - SODIUM VAPOR	160	1,323	211,668	\$32.25	\$42,664	\$32.63	\$43,167
127,000 LUMENS - SODIUM VAPOR	380	54	20,603	\$46.14	\$2,502	\$45.89	\$2,488
<b>EACH ADD'L UNIT ON SAME POLE</b>							
20,000 LUMENS - MERCURY VAPOR	150	33	4,880	\$17.96	\$584	\$17.86	\$581
53,000 LUMENS - MERCURY VAPOR	360	0	0	\$29.20	\$0	\$28.41	\$0
42,000 LUMENS - SODIUM VAPOR	160	499	79,809	\$18.50	\$9,228	\$18.36	\$9,158
127,000 LUMENS - SODIUM VAPOR	380	11	4,121	\$32.48	\$352	\$31.71	\$344
<b>SUBURBAN LIGHTING SERVICE</b>							
5,000 LUMENS	30	0	0	\$15.46	\$0	\$15.88	\$0
8,000 LUMENS	40	11	434	\$16.31	\$177	\$16.71	\$181
<b>TOTAL ANNUAL REVENUE</b>							
		103,383	7,302,002		\$1,665,284		\$1,689,975
					AVERAGE RATE.....		\$0.22806
					BOOKED KWH.....		7,302,000
					TOTAL ANNUALIZED REVENUE.....		\$1,665,283
					LESS: TOTAL FUEL REVENUE		\$186,785
					TOTAL BASIC REVENUE		\$1,478,498

# INCLUDES 02/01/2019 APPROVED FUEL LEVEL.  
## INCLUDES PLACEHOLDER BASE FUEL (EQUAL TO CURRENT BASE FUEL PLUS CURRENT RIDER A) PLUS CURRENT RIDER B EMF.  
### EXCLUDES NON-FUEL RIDERS.

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**DOMINION ENERGY NORTH CAROLINA  
TOTAL ANNUALIZED REVENUE  
ADJUSTMENT TO MISCELLANEOUS REVENUE  
TOTAL BASIC REVENUE  
DOCKET NO. E-22, SUB 562**

(1)	(2)	(3)	(4)	(5)	(6)
Terms and Conditions Section (Miscellaneous Charge)	Charge In Effect After Tax Reduction	Proposed Charge	Difference (3) - (2)	Occurrences in 2018	Increase (Decrease) (4) x (5)
Section IV - Service Connections (Connect Charge)	\$29.58	\$37.66	\$8.08	16,201	\$130,965
Section XII - Payments (Returned Check Charge)	\$13.33	\$13.33	\$0.00	3,237	\$8
Section XIV - Customer Responsibility (Trouble Call Charge)	\$0.00	\$0.00	\$0.00	0	\$0
Section XVII - Reconnection of the Supply of Electricity					
(Reconnect Charge - normal hours)	\$28.49	\$34.76	\$6.27	2,663	\$16,703
(Reconnect Charge - after normal hours)	\$105.62	\$125.68	\$20.06	295	\$5,919
Section XXI - Customer Requested Meter Tests - See note (a)					
(Single Phase Meter Charge)	\$70.00	\$60.40	-\$9.60	0	\$0
(Three Phase Meter Charge)	\$93.33	\$120.80	\$27.47	0	\$0
Section XXIII - Temporary Service					
(Overhead Charge)	\$395.58	\$460.03	\$64.45	104	\$6,702
(Underground from Transformer Charge)	\$258.31	\$303.12	\$44.81	152	\$6,811
(Underground from Stub-up Charge)	\$386.96	\$451.92	\$64.96	130	\$8,444
(Minimum Charge)	\$28.49	\$34.76	\$6.27	68	\$427
Total					\$175,979

Total Proposed Misc Service Revenue with Growth \$702,993

DOMINION ENERGY NORTH CAROLINA  
EDIT CHARGE RIDER (FIRST YEAR; WILL BE IN EFFECT FOR TWO YEARS)  
REVENUE REQUIREMENT  
BY CUSTOMER CLASS  
DOCKET NO. E-22, SUB 562

	(1)	(2)	(3)	(4)	(5)
	BOOKED KWH SALES INCLUDING GROWTH THROUGH 06/30/2019	PROPOSED 2018 ANNUALIZED BASE NON-FUEL RATE SCHEDULE REVENUE	ALLOCATION FACTOR COLUMN 2 / COLUMN 2 TOTAL	PROPOSED ALLOCATED CLASS CHARGE AMOUNT	PROPOSED PER KWH RIDER EDIT RATE
Customer Class					
Residential	1,571,287,839	\$131,786,620	51.5630%	\$334,644	\$0.00021
SGS & PA	792,504,930	\$51,267,447	20.0590%	\$130,183	\$0.00016
LGS	688,943,531	\$30,770,735	12.0394%	\$78,136	\$0.00011
6VP	288,053,477	\$11,370,947	4.4490%	\$28,874	\$0.00010
Schedule NS	922,245,529	\$25,645,414	10.0341%	\$65,121	\$0.00007
Traffic	518,174	\$51,325	0.0201%	\$130	\$0.00025
ODL & ST Lights	23,561,668	\$4,691,258	1.8355%	\$11,912	\$0.00051
Total	4,287,115,148	\$255,583,747	100.0000%	\$649,000	\$0.00015

**DOMINION ENERGY NORTH CAROLINA**  
**EDIT CHARGE RIDER (FIRST YEAR; WILL BE IN EFFECT FOR TWO YEARS)**  
**CLASS REVENUE AND RIDER RATE IS ILLUSTRATIVE**  
**BY RATE SCHEDULE**  
**DOCKET NO. E-22, SUB 562**

		<b>% OF CLASS</b>	<b>BOOKED KWH SALES</b>	<b>Proposed</b>	<b>Proposed</b>
	<b>2018 Booked KWh</b>	<b>SUBTOTAL</b>	<b>INCLUDING GROWTH</b>	<b>Per kWh</b>	<b>Charge Amount</b>
<b>RESIDENTIAL</b>			<b>THROUGH</b>	<b>Rider Rate</b>	
			<b>06/30/2019</b>		
SCHEDULE 1	1,680,802,999	99.2206%	1,559,041,300	\$0.00021	\$332,036
SCHEDULE 1DF	3,061,000	0.1807%	2,839,253	\$0.00021	\$605
SCHEDULE 1P	8,948,999	0.5283%	8,300,710	\$0.00021	\$1,768
SCHEDULE 1T	1,099,999	0.0649%	1,020,312	\$0.00021	\$217
SCHEDULE 1W	<u>93,000</u>	<u>0.0055%</u>	<u>86,263</u>	<u>\$0.00021</u>	<u>\$18</u>
SUBTOTAL	1,694,005,997	100.0000%	1,571,287,839	\$0.00021	\$334,644
<b>SGS&amp;PA</b>					
SCHEDULE 5	583,334,001	70.1537%	555,971,218	\$0.00016	\$91,328
SCHEDULE 5C	6,674,000	0.8026%	6,360,939	\$0.00016	\$1,045
SCHEDULE 5P	118,770,000	14.2837%	113,198,787	\$0.00016	\$18,595
SCHEDULE 7	1,600,000	0.1924%	1,524,948	\$0.00016	\$250
SCHEDULE 30	78,169,999	9.4010%	74,503,234	\$0.00016	\$12,238
SCHEDULE 42	<u>42,961,000</u>	<u>5.1666%</u>	<u>40,945,804</u>	<u>\$0.00016</u>	<u>\$6,726</u>
SUBTOTAL - SGS & PA	831,509,000	100.0000%	792,504,930	\$0.00016	\$130,183
<b>LGS</b>					
SCHEDULE 6C	5,087,000	0.7722%	5,320,322	\$0.00011	\$603
SCHEDULE 6L	247,884,000	37.6306%	259,253,531	\$0.00011	\$29,403
SCHEDULE 6P	257,261,000	39.0541%	269,060,620	\$0.00011	\$30,515
SCHEDULE 10	148,497,998	22.5431%	155,309,057	\$0.00011	\$17,614
SCHEDULE LGS-RTP WITH CBL	0	0.0000%	-	\$0.00011	\$0
SCHEDULE LGS-RTP WITH ED	<u>0</u>	<u>0.0000%</u>	<u>-</u>	<u>\$0.00011</u>	<u>\$0</u>
SUBTOTAL - LGS	658,729,998	100.0000%	688,943,531	\$0.00011	\$78,136
<b>SCHEDULE 6VP</b>	273,844,001		288,053,477	\$0.00010	\$28,874
<b>SCHEDULE NS</b>	918,042,000		922,245,529	\$0.00007	\$65,121
<b>TRAFFIC CONTROL</b>					
SCHEDULE 30T	525,000		518,174	\$0.00025	\$130
<b>OUTDOOR LIGHTING</b>					
SCHEDULE 26 - ODL	16,826,000	69.7364%	16,431,060	\$0.00051	\$8,307
SCHEDULE 26 - ST	<u>7,302,000</u>	<u>30.2636%</u>	<u>7,130,608</u>	<u>\$0.00051</u>	<u>\$3,605</u>
SUBTOTAL - ODL	24,128,000	100.0000%	23,561,668	\$0.00051	\$11,912
TOTAL	4,400,783,996		4,287,115,148		\$649,000



**PRESENT AND PROPOSED FORFEITED DISCOUNT (LATE PAYMENT)**

<b><u>FROM COS</u></b>	
NC Forfeited Discounts	\$1,132,560
Total Rate Revenue	\$353,978,195
Misc Service Revenue	<u>\$676,410</u>
Total Juris Revenue	\$354,654,605
Late Pmt as % of Total JurisRevenue	0.3193%
Total Annualized Revenue	\$384,242,610
From Above	<u>0.3193%</u>
Late Payment (Annualized without growth)	\$1,227,047
Total Annualized Revenue with Growth	\$371,643,787
From Above	<u>0.3193%</u>
Annualized Late Payment with Growth	\$1,186,814

Proposed Total Late Payment (Frm Acctn) \$1,207,383

Change In Total Late Payment \$20,570

Annualized Rider EDR

January 2018 Rider EDR	\$0
For 12 Months	\$0

Proposed	\$0
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DOMINION ENERGY NORTH CAROLINA  
SCHEDULE 1, SCHEDULE 5, SCHEDULE 6P, PROPOSED SCHEDULE 6L TYPICAL BILLS  
PRESENT AND PROPOSED  
DOCKET NO. E-22, SUB 562

Schedule 1			Schedule 5			Schedule 6P			Schedule 6L		
1,000 kWh			50 kW			1000 kW			10,000 kW		
			12,500 kWh			576,000 kWh			6,000,000 kWh		
						259,200 On-Peak			2,400,000 On-Peak		
						316,800 Off-Peak			3,600,000 Off-Peak		
						619 rkVA			6197 rkVA		

**Dominion Energy North Carolina  
Schedule LGS - RTP**

	<u>Present</u>	<u>Proposed</u>
Adder	\$0.00237	\$0.002398

Change Percentage	1.1735%
Factor to Apply to Prices	1.011735

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**DOMINION ENERGY NORTH CAROLINA  
DOCKET E-22, SUB 562**

**SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD  
SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT**

**Information for the initial calculation was taken from Item 45e Unit Cost Study and the Rate Schedule 6L design worksheet showing proposed basic revenue and rates filed on August 4, 2017 in Docket E-22, Sub 532.**

**Initial Calculation of Transmission Demand Charge in Docket No. E-22 Sub 532**

**Docket No. E-22 Sub 532**

From Item 45e Unit Cost Study	
LGS Class Transmission Demand Basic Rate Revenue	\$ 7,899,597
6VP Class Transmission Demand Basic Rate Revenue	\$ 2,413,190
Total LGS and 6VP Class Transmission Demand Basic Rate Revenue	\$ 10,312,787
Total LGS and 6VP Class Distribution Demand Units	3,373,150
Calculated Rate for Allocation	\$ 3.057
Schedule 6L Distribution Demand Units	848,134
Transmission Demand Basic Rate Revenue for Schedule 6L	\$ 2,593,014
Schedule 6L Power Supply Demand Units	800,655
Transmission Rate (\$ / Power Supply kW)	\$ 3.239
Change Due to Tax Reduction in Docket E-22 Sub 560	-5.1358%
Factor to Apply to Prices	0.94864185
Transmission Rate as Recalculated in Docket E-22 Sub 560	\$ 3.073

**Docket E-22 Sub 562**

Increase to LGS Class Revenue	1.1735%
Factor to Apply to Prices	1.011734721
Transmission Rate as Recalculated in Docket E-22 Sub 562	\$ 3.109

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**DOMINION ENERGY NORTH CAROLINA  
DOCKET E-22, SUB 562**

**SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD  
SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT**

Information for the following calculation was taken from the Rate Schedule 6L design worksheet showing proposed basic revenue and rates filed on March 29, 2019 in Docket E-22, Sub 562.

**Calculation of Adder Component, 6LNONFUELAVG**

Rate Schedule 6L Power Supply and Energy Components	Schedule 6L Billing Units 12/31/2018	Proposed Basic Rates	Calculated Basic Revenue	Calculated Transmission Demand Rate (1)	Calculated Basic Transmission Revenue	Basic Revenue Excluding Transmission	Adder Component 6LNONFUELAVG  Basic Revenue Excluding Transmission Per kWh
Power Supply Demand kW	430,178	\$ 19.431	\$ 8,358,780	\$ 3.109	\$ 1,337,422	\$ 7,021,358	
<u>Energy Charges</u>							
All On-peak kWh	144,343,277	\$ 0.00510	\$ 736,006	\$ -	\$ -	\$ 736,006	
All Off-peak kWh	103,540,723	\$ 0.00346	\$ 358,251	\$ -	\$ -	\$ 358,251	
<u>Energy Charges - 2% Discount</u>							
All On-peak kWh	-	\$ 0.00500	\$ -	\$ -	\$ -	\$ -	
All Off-peak kWh	-	\$ 0.00339	\$ -	\$ -	\$ -	\$ -	
Total	247,884,000		\$ 9,453,038		\$ 1,337,422	\$ 8,115,616	\$ 0.032740

**Note**

1) From worksheets showing calculation of Transmission Demand Charge

## SCHEDULE LGS - RTP WITH CUSTOMER BASELINE LOAD

	<b><u>Present</u></b>	<b><u>Proposed (1)</u></b>
Capacity Surcharge	\$0.425	\$0.431

## SCHEDULE LGS - RTP ECONOMIC DEVELOPMENT

Calculation of Basic Customer and Distribution Contract Demand Charges

	<b><u>Present</u></b>	<b><u>Proposed (2)</u></b>
Basic Customer Charge	\$78.07	\$78.99
Distribution Contract Demand Charge (Primary)	\$0.994	\$1.006
Distribution Contract Demand Charge (Secondary)	\$1.492	\$1.510

	<b><u>Present</u></b>	<b><u>Proposed (1)</u></b>
Capacity Surcharge	\$0.425	\$0.431

**Note:**

(1) Charge comes from Schedule 6VP proposed rate

(2) Charge comes from Schedule 6L proposed rate

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**CERTIFICATE OF SERVICE**

I hereby certify that copies of the foregoing Testimony and Exhibits in Support of Agreement and Stipulation of Settlement, as filed in Docket No. E-22, Subs 562 and 566, were served electronically or via U.S. mail, first-class postage prepaid, upon all parties of record.

This the 17<sup>th</sup> day of September, 2019.

/s/Mary Lynne Grigg

Mary Lynne Grigg  
McGuireWoods LLP  
434 Fayetteville Street, Suite 2600  
PO Box 27507 (27611)  
Raleigh, North Carolina 27601  
(919) 755-6573 (Direct)  
[mgrigg@mcguirewoods.com](mailto:mgrigg@mcguirewoods.com)

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