

October 28, 2021

VIA Electronic Filing

Ms. Shonta Dunston, Chief Clerk
North Carolina Utilities Commission
Dobbs Building
430 North Salisbury Street
Raleigh, North Carolina 27603

Re: *Dominion Energy North Carolina's Supplemental Testimony*
Docket No. E-22, Sub 605

Dear Ms. Dunston:

Enclosed for filing in the above-referenced proceeding on behalf of Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (the "Company"), are the *Supplemental Testimonies of Ronnie T. Campbell, Dale E. Hinson, Jeffrey D. Matzen, and Timothy P. Stuller* ("Supplemental Testimony"). The Company filed its *Application for a Change in the Fuel Components of Electric Rates* ("Application") in this proceeding on August 10, 2021. The attached Supplemental Testimony proposes to: 1) remove the Regional Greenhouse Gas Initiative ("RGGI") costs from the Company's recovery request as reflected in the Application, and 2) include in the Company's recovery request the deferral balance for the months of July, August, and September, 2021.

First, in its *Application* the Company noted that as set forth in the testimony of Company Witness Campbell, the Virginia General Assembly enacted legislation in 2020 to regulate CO2 emissions from electric generation facilities and Virginia joined RGGI effective January 1, 2021. The Company sought to recover costs related to the emittance of tons and usage of allowances purchased under RGGI through a rate adjustment clause in Virginia. The Company also filed on June 24, 2021, a *Petition for Declaratory Ruling* with the North Carolina Utilities Commission ("Commission") in Docket No. E-22, Sub 601, requesting that the Commission issue a declaratory ruling that it is reasonable to allocate a portion of the RGGI costs to its North Carolina customers. The Company also requested that the Commission issue a declaratory ruling on whether these mandatory fuel-related RGGI costs are appropriately recovered through N.C. Gen. Stat. § 62-133.2 in the Company's annual fuel clause rider proceeding.

Ms. Shonta Dunston, Chief Clerk

October 28, 2021

Page 2

On September 29, 2021, the Commission issued its *Order on Petition for Declaratory Ruling*, in which it determined that the RGGI Costs are not recoverable from North Carolina customers. The Commission also concluded that it was not necessary to reach the second question presented of whether those costs should be recovered through the Company's annual fuel clause rider proceeding. Pursuant to the Commission's order, the Company is removing RGGI costs from its recovery request in this proceeding.

Second, the Supplemental Testimony includes the Company's request for recovery of the deferral balance for the months of July, August, and September of 2021 (beyond the end of the Test Year, which concluded on June 30, 2021) to help mitigate a projected significant under-recovery for the 2022 fuel factor adjustment proceeding due to the recent rise in commodity fuel prices. The Company believes that including these additional months of fuel costs in this proceeding due to the recent rise in commodity fuel prices is in the public interest as it will mitigate the projected significant under-recovery for the 2022 fuel factor adjustment proceeding. Contemporaneous with this filing the Company is filing its *Petition to Modify Test Period* pursuant to N.C. Gen. Stat. § 62-133.2(d) and Commission Rule R8-55.

Jeffrey D. Matzen's Supplemental Testimony contains confidential and proprietary trade secret information. This information is exempt from public disclosure under N.C.G.S. § 132-1.2, and the Company is filing Mr. Matzen's Supplemental Testimony contemporaneously as confidential and under seal. The Company will make this information available to other interested parties pursuant to an appropriate nondisclosure agreement.

Thank you for your assistance with this matter. Please call me if additional information is required.

Very truly yours,

/s/Mary Lynne Grigg

MLG:kjg

Enclosures

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Oct 28 2021

**SUPPLEMENTAL DIRECT TESTIMONY
OF
RONNIE T. CAMPBELL
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 605**

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

2 A. My name is Ronnie T. Campbell, and my business address is 707 East Main
3 Street, Richmond, Virginia 23219. I am a Supervisor of Accounting for the
4 Dominion Energy Virginia and Contracted Assets operating segments of
5 Dominion Energy, Inc., which includes responsibility for Virginia Electric &
6 Power Company, which operates in North Carolina as Dominion Energy
7 North Carolina (“Company”). My responsibilities include overseeing
8 personnel responsible for recording the Company’s actual fuel and purchased
9 power expenses, as well as any under-/over-recovery of such expenses
10 through the fuel deferral mechanism, operation and maintenance accounting
11 activities, reserve analysis and joint owner billings.

12 **Q. Are you the same Ronnie T. Campbell who filed direct testimony in this**
13 **case on August 10, 2021?**

14 A. Yes.

15 **Q. What is the purpose of your supplemental testimony?**

16 A. The purpose of my supplemental testimony is to present the Company’s actual
17 system fuel expenses for the fifteen months ended September 30, 2021, and

1 the the Company's North Carolina recovery experience as of September 30,
2 2021.

3 **Q. Please provide the Company's actual fuel expenses incurred for the**
4 **fifteen month period and the Company's North Carolina recovery**
5 **position as of September 30, 2021.**

6 A. Based on the North Carolina jurisdictional fuel factor methodology approved
7 by the Commission, the actual system fuel expenses incurred by the Company
8 during the fifteen months totaled \$2,278,767,791. The fuel costs allocated to
9 North Carolina jurisdictional customers totaled \$112,431,586. The Company
10 received fuel revenues totaling \$104,214,124. The difference between the
11 fuel costs and the fuel revenues resulted in a fuel cost under-recovery position
12 of \$8,217,462 on a North Carolina jurisdictional basis for the fifteen month
13 period ended September 30, 2021.

14 **Q. Your Supplemental Schedule 2 no longer includes regional greenhouse**
15 **gas initiative ("RGGI") related emissions expenses. Please provide**
16 **further explanation.**

17 A. On September 29, 2021, the Commission issued its *Order on Petition for*
18 *Declaratory Ruling* and determined that the RGGI costs are not recoverable
19 from North Carolina customers. The Commission also concluded that it was
20 not necessary to reach the second question presented of whether those costs
21 should be recovered through the Company's annual fuel clause rider

1 proceeding. Pursuant to the Commission's order the Company is removing
2 RGGI costs from recovery in this proceeding.

3 Campbell Supplemental Exhibit RTC-1, Schedule 2 includes updates to exclude
4 the RGGI related emissions expenses.

5 **Q. Mr. Campbell, does this conclude your supplemental testimony?**

6 **A.** Yes, it does.

**Dominion Energy North Carolina
Actual System Fuel and Purchased Power Expenses
July 2020 - September 2021**

	System Expenses As Booked (1)	North Carolina System Expenses As Booked (2)
<u>Steam Generation Fuel Cost</u>		
July 2020	\$ 60,500,358	\$ 60,500,358
August	37,982,728	37,982,728
September	21,643,643	21,643,643
October	9,662,712	9,662,712
November	17,161,154	17,161,154
December	32,527,432	32,527,432
January 2021	23,712,117	23,712,117
February	40,664,330	40,664,330
March	18,973,033	18,973,033
April	19,839,552	19,839,552
May	24,055,173	24,055,173
June	27,293,408	27,293,408
July	34,196,399	34,196,399
August	35,267,685	35,267,685
September	24,968,733	24,968,733
FERC Account 501 - Steam Fuel Cost	\$ 428,448,459	\$ 428,448,459
<u>Nuclear Generation Fuel Cost</u>		
July 2020	\$ 14,808,118	\$ 14,772,716
August	14,906,842	14,824,910
September	12,331,758	12,142,274
October	13,066,082	12,914,342
November	15,437,812	14,977,217
December	15,924,360	15,504,711
January 2021	15,565,404	15,521,688
February	13,919,469	13,833,265
March	12,313,497	12,264,028
April	10,417,689	10,383,392
May	9,927,408	9,807,240
June	14,072,770	13,994,828
July	14,679,143	14,613,179
August	15,546,542	14,606,495
September	13,375,148	13,074,821
FERC Account 518 - Nuclear Fuel Cost	\$ 206,292,042	\$ 203,235,106

**Dominion North Carolina Power
Actual System Fuel and Purchased Power Expenses
July 2020 - September 2021**

	<u>System Expenses As Booked (1)</u>		<u>North Carolina System Expenses As Booked (2)</u>
<u>Other Generation Fuel Cost</u>			
July 2020	\$ 66,131,936		\$ 66,131,936
August	74,959,612		74,959,612
September	49,247,274		49,247,274
October	45,554,031		45,554,031
November	54,312,309		54,312,309
December	89,538,644		89,538,644
January 2021	95,176,891		95,176,891
February	99,415,616		99,415,616
March	79,185,119		79,185,119
April	56,689,980		56,689,980
May	53,794,388		53,794,388
June	83,695,079		83,695,079
July	105,323,577		105,323,577
August	119,506,349		119,506,349
September	85,776,004		85,776,004
FERC Account 547 - Other Fuel Cost	\$ 1,158,306,808		\$ 1,158,306,808
Total Cost of Fuel Used in Current Generation	\$ 1,793,047,310		\$ 1,789,990,373
<u>Purchased Power</u>			
July 2020	21,269,410		\$ 21,354,873
August	16,517,290		17,457,849
September	28,139,560		24,566,328
October	19,841,061		18,982,546
November	23,646,582		21,442,315
December	24,494,039		21,745,295
January 2021	30,797,855		26,893,899
February	41,526,344		35,393,766
March	22,016,954		20,804,210
April	39,488,325		33,621,706
May	72,620,186		55,863,100
June	56,852,690		42,890,301
July	54,716,982		41,712,111
August	63,363,001		46,770,305
September	81,658,244		59,278,813
FERC Account 555 - Purchased Power Cost	\$ 596,948,524		\$ 488,777,418

**Dominion North Carolina Power
Actual System Fuel and Purchased Power Expenses
July 2020 - September 2021**

	System Expenses As Booked (1)	North Carolina System Expenses As Booked (2)
<u>Total Fuel and Purchased Power Cost</u>		
July 2020	\$ 162,709,823	\$ 162,759,884
August	144,366,472	145,225,099
September	111,362,236	107,599,519
October	88,123,885	87,113,630
November	110,557,858	107,892,995
December	162,484,475	159,316,081
January 2021	165,252,267	161,304,595
February	195,525,760	189,306,978
March	132,488,605	131,226,391
April	126,435,545	120,534,630
May	160,397,154	143,519,900
June	181,913,948	167,873,617
July	208,916,100	195,845,266
August	233,683,578	216,150,835
September	205,778,129	183,098,371
Total Fuel and Purchased Power Cos	<u>\$ 2,389,995,834</u>	<u>\$ 2,278,767,791</u>

**Dominion Energy North Carolina
North Carolina Recovery Experience
Fifteen Months Ended September 2021**

PART I	July-20	August-20	September-20	October-20	November-20	December-20	January-21	February-21	March-21	April-21	May-21	June-21	July-21	August-21	September-21	Total
FERC Account 501 - Steam Fuel Cost	\$ 60,500,358	\$ 37,982,728	\$ 21,643,643	\$ 9,662,712	\$ 17,161,154	\$ 32,527,432	\$ 23,712,117	\$ 40,664,330	\$ 18,973,033	\$ 19,839,552	\$ 24,055,173	\$ 27,293,408	\$ 34,196,399	\$ 35,267,685	\$ 24,968,733	\$ 428,448,459
FERC Account 518 - Nuclear Fuel Cost	\$ 14,772,716	\$ 14,824,910	\$ 12,142,274	\$ 12,914,342	\$ 14,977,217	\$ 15,504,711	\$ 15,521,688	\$ 13,833,265	\$ 12,264,028	\$ 10,383,392	\$ 9,807,240	\$ 13,994,828	\$ 14,613,179	\$ 14,606,495	\$ 13,074,821	\$ 203,235,106
FERC Account 547 - Other Fuel Cost	\$ 66,131,936	\$ 74,959,612	\$ 49,247,274	\$ 45,554,031	\$ 54,312,309	\$ 89,538,644	\$ 95,176,891	\$ 99,415,616	\$ 79,185,119	\$ 56,689,980	\$ 53,794,388	\$ 83,695,079	\$ 105,323,577	\$ 119,506,349	\$ 85,776,004	\$ 1,158,306,808
FERC Account 555 - Purchased Power Cost	\$ 21,354,873	\$ 17,457,849	\$ 24,566,328	\$ 18,982,546	\$ 21,442,315	\$ 21,745,295	\$ 26,893,899	\$ 35,393,766	\$ 20,804,210	\$ 33,621,706	\$ 55,863,100	\$ 42,890,301	\$ 41,712,111	\$ 46,770,305	\$ 59,278,813	\$ 488,777,418
Total NC System Fuel and Purchased Power Cost	\$ 162,759,884	\$ 145,225,099	\$ 107,599,519	\$ 87,113,630	\$ 107,892,995	\$ 159,316,081	\$ 161,304,595	\$ 189,306,978	\$ 131,226,391	\$ 120,534,630	\$ 143,519,900	\$ 167,873,617	\$ 195,845,266	\$ 216,150,835	\$ 183,098,371	\$ 2,278,767,791
Exclude System AFUDC	(21,387)	(21,455)	(16,555)	(17,702)	(21,680)	(22,437)	(22,451)	(19,825)	(16,109)	(14,110)	(16,006)	(22,539)	(23,425)	(23,414)	(20,195)	(299,289)
Total NC System Fuel and Purchased Power Cost w/o AFUDC	\$ 162,738,497	\$ 145,203,644	\$ 107,582,964	\$ 87,095,928	\$ 107,871,315	\$ 159,293,643	\$ 161,282,144	\$ 189,287,153	\$ 131,210,282	\$ 120,520,520	\$ 143,503,894	\$ 167,851,078	\$ 195,821,841	\$ 216,127,421	\$ 183,078,177	\$ 2,278,468,502
PART II																
NC Jurisdictional Fuel and Purchased Power Cost w/o AFUDC	\$ 7,903,302	\$ 3,584,580	\$ 6,225,164	\$ 6,092,211	\$ 6,618,328	\$ 8,472,046	\$ 9,523,408	\$ 8,431,857	\$ 7,369,229	\$ 4,867,914	\$ 7,242,010	\$ 7,926,297	\$ 10,142,739	\$ 10,277,858	\$ 8,955,790	\$ 113,632,732
Credit for the fuel cost from Non-Requirement Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Credit for the fuel cost from PJM Off-system Sales	\$ (216,644)	\$ (115,634)	\$ (179,414)	\$ (58,726)	\$ (61,596)	\$ (95,383)	\$ (28,332)	\$ (261,952)	\$ (117,401)	\$ (46,473)	\$ (3,283)	\$ (143,410)	\$ (75,049)	\$ (46,954)	\$ (9,111)	\$ (1,459,363)
Other Fuel Related Adjustments ⁽¹⁾	16,744	16,797	12,961	13,859	16,974	17,566	17,577	15,521	12,612	13,864	15,728	22,147	23,017	23,006	19,843	258,217
Adjusted NC Jurisdiction Fuel and Purchased Power Cos	\$ 7,703,402	\$ 3,485,743	\$ 6,058,711	\$ 6,047,343	\$ 6,573,706	\$ 8,394,230	\$ 9,512,653	\$ 8,185,426	\$ 7,264,439	\$ 4,835,306	\$ 7,254,455	\$ 7,805,033	\$ 10,090,707	\$ 10,253,910	\$ 8,966,523	\$ 112,431,586
PART III																
Adjusted NC Jurisdiction Fuel and Purchased Power Cost	\$ 7,703,402	\$ 3,485,743	\$ 6,058,711	\$ 6,047,343	\$ 6,573,706	\$ 8,394,230	\$ 9,512,653	\$ 8,185,426	\$ 7,264,439	\$ 4,835,306	\$ 7,254,455	\$ 7,805,033	\$ 10,090,707	\$ 10,253,910	\$ 8,966,523	\$ 112,431,586
NC Jurisdictional Revenue	(9,095,608)	(4,288,050)	(7,999,849)	(8,640,851)	(8,199,100)	(8,539,827)	(9,892,516)	(5,317,665)	(4,091,892)	(4,061,961)	(5,799,922)	(6,471,083)	(8,203,662)	(7,292,315)	(6,319,824)	(104,214,124)
(Over)/Under Recovery	\$ (1,392,207)	\$ (802,307)	\$ (1,941,138)	\$ (2,593,508)	\$ (1,625,394)	\$ (145,597)	\$ (379,863)	\$ 2,867,761	\$ 3,172,547	\$ 773,345	\$ 1,454,533	\$ 1,333,950	\$ 1,887,045	\$ 2,961,595	\$ 2,646,699	\$ 8,217,462
Cumulative (Over)/Under Recovery	\$ (1,392,207)	\$ (2,194,513)	\$ (4,135,651)	\$ (6,729,159)	\$ (8,354,553)	\$ (8,500,150)	\$ (8,880,014)	\$ (6,012,253)	\$ (2,839,706)	\$ (2,066,361)	\$ (611,828)	\$ 722,122	\$ 2,609,168	\$ 5,570,763	\$ 8,217,462	\$

⁽¹⁾ Includes jurisdictional AFUDC and AFUDC tax credits.

**SUPPLEMENTAL DIRECT TESTIMONY
OF
DALE E. HINSON
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 605**

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

2 A. My name is Dale E. Hinson, and my business address is 600 Canal Street,
3 Richmond, Virginia 23219. I am the Manager-Gas Supply and a member of
4 the management team responsible for fossil fuel procurement for Virginia
5 Electric and Power Company, which operates in North Carolina as Dominion
6 Energy North Carolina (the “Company”). The Dominion Energy Fuels group
7 handles the procurement, scheduling, transportation, and inventory
8 management for natural gas, coal, biomass, and oil consumed at the
9 Company’s power stations.

10 **Q. Are you the same Dale E. Hinson who submitted direct testimony in this**
11 **case on August 10, 2021?**

12 A. Yes.

13 **Q. Please provide an update on the increase in fuel commodity prices.**

14 A. Section I of my direct testimony, in this case, provided a summary of natural
15 gas, coal and oil price increases for the test period (July 2020 – June 2021),
16 when compared to the previous twelve-month period. I attributed these fuel
17 commodity price increases to colder winter weather and stronger demand.
18 However, recent experience has shown these fuel commodity price increases

1 are not limited to just the test period in this case. The Company continues to
2 experience relatively high fuel commodity prices (coal, oil, and natural gas),
3 due to factors including but not limited to: fuel inventories (ahead of Winter
4 2021/2022), increased fuel supply competition from outside the United States,
5 fuel production lagging demand, supply chain delays, and the unabated, fully
6 subscribed pipeline capacity situation affecting Mid-Atlantic and East Coast
7 natural gas markets.

8 **Q. Please continue.**

9 A. Certainly. Comparing the test period with the July 2021 – June 2022 period,
10 using both actual prices and futures (as of September 29, 2021), the Company
11 notes the following fuel commodity price trends: natural gas price increases
12 of approximately 98%; coal price increases of approximately 50%; and oil
13 price increases of approximately 37%. The Company provided similar coal
14 and natural gas commodity price comparisons for the February 2022 –
15 January 2023 period, in response to Public Staff Discovery Set 16, Question
16 No. 1 in this case.

17 **Q. Does this conclude your supplemental direct testimony?**

18 A. Yes.

**SUPPLEMENTAL DIRECT TESTIMONY
OF
JEFFREY D. MATZEN
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 605**

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

2 A. My name is Jeffrey D. Matzen, and my business address is 600 E. Canal
3 Street, Richmond, Virginia 23219. I am a Manager in the Strategic Planning
4 Department for Virginia Electric and Power Company, which operates in
5 North Carolina as Dominion Energy North Carolina (the “Company”). I am
6 responsible for forecasting the Company’s system energy supply mix, and
7 total system fuel and purchased power expenses.

8 **Q. Are you the same Jeffrey D. Matzen who filed direct testimony in this
9 case on August 10, 2021?**

10 A. Yes.

11 **Q. What is the purpose of your supplemental testimony?**

12 A. The purpose of my supplemental testimony is to discuss the increase of fuel
13 costs since the end of the Company’s test period, June 30, 2021, and to
14 remove the estimate of regional greenhouse gas initiative (“RGGI”) costs
15 from this proceeding.

1 **Q. Please describe the fuel expense normalization item associated with the**
 2 **recent increase in commodity prices.**

3 A. Since the filing of my direct testimony on August 10, 2021, the actual and
 4 forecast commodity prices for all fuel types have significantly increased. The
 5 chart below summarizes the increases seen in two natural gas markets that
 6 impact the Company.

7

Actual Prices			Forecasted Prices (9/29/21)			Increase	
(\$/mmbtu)	<u>NG- HH</u>	<u>NG- Z5</u>	(\$/mmbtu)	<u>NG- HH</u>	<u>NG- Z5</u>	<u>NG-HH</u>	<u>NG-Z5</u>
7/1/2020	1.69	1.80	*7/1/2021	3.79	3.86	124%	115%
8/1/2020	2.22	2.29	*8/1/2021	4.03	4.15	81%	81%
9/1/2020	1.92	1.95	*9/1/2021	5.02	5.12	162%	162%
10/1/2020	2.29	2.21	10/1/2021			139%	152%
11/1/2020	2.56	2.55	11/1/2021			114%	129%
12/1/2020	2.57	3.10	12/1/2021			117%	131%
1/1/2021	2.61	2.93	1/1/2022			118%	225%
2/1/2021	5.15	5.27	2/1/2022			8%	73%
3/1/2021	2.56	2.60	3/1/2022			101%	117%
4/1/2021	2.57	2.61	4/1/2022			51%	49%
5/1/2021	2.88	2.89	5/1/2022			30%	30%
6/1/2021	3.19	3.28	6/1/2022			18%	16%

*actual prices

8 In an effort to mitigate the expected future rate increases for customers, the
 9 Company proposes an incremental commodity adjustment shown on Matzen
 10 Supplemental Exhibit JDM-1, Schedule 4. This increase will offset a portion
 11 of the significant rate increase anticipated in the next fuel proceeding.

12 The impact of the commodity increases on the system fuel expense is
 13 currently estimated to be an increase of approximately \$600 million. The

1 proposed commodity adjustment represents approximately 20% of this
2 amount.

3 **Q. Are you proposing any other changes in your supplemental testimony?**

4 A. Yes. As discussed in the direct testimony of Company Witness Campbell, the
5 Company sought to recover costs related to the emittance of tons and usage of
6 allowances purchased under the RGGI through its fuel factor. At the time that
7 the Company filed its direct testimony, that application was pending in Docket
8 No. E-22, Sub 601. Pending the outcome of that application, the system fuel
9 expense presented in this case included an estimate of emissions expenses
10 associated with RGGI for the test period.

11 On September 29, 2021, the Commission issued its *Order on Petition*
12 *for Declaratory Ruling* and determined that the RGGI costs are not
13 recoverable from North Carolina customers. The Commission also concluded
14 that it was not necessary to reach the second question presented of whether
15 those costs should be recovered through the Company's annual fuel clause
16 rider proceeding. Pursuant to the Commission's order the Company is
17 removing RGGI costs from recovery in this proceeding.

18 **Q. Mr. Matzen, does this conclude your supplemental testimony?**

19 A. Yes, it does.

**DOMINION ENERGY NORTH CAROLINA
EQUIVALENT AVAILABILITY FACTORS (%)
NUCLEAR AND LARGE COAL UNITS**

**Matzen Supplemental Exhibit JDM-1
Schedule 1**

July 2020-June 2021

	Nuclear Units				Large Coal Units					
	North Anna		Surry		Mt. Storm		Chesterfield		VaCity	
	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>	<u>Unit 5</u>	<u>Unit 6</u>	<u>Unit 1</u>
Jul-20	99.9%	100.0%	100.0%	100.0%	85.9%	70.7%	78.8%	88.7%	97.2%	94.2%
Aug-20	100.0%	99.2%	100.0%	100.0%	90.6%	66.0%	48.6%	97.6%	39.8%	81.4%
Sep-20	99.9%	36.7%	100.0%	100.0%	48.4%	67.6%	91.0%	65.6%	71.3%	10.5%
Oct-20	100.0%	39.0%	100.0%	100.0%	71.6%	83.3%	11.8%	31.1%	90.9%	0.0%
Nov-20	100.0%	100.0%	100.0%	100.0%	79.6%	0.0%	0.0%	1.3%	63.3%	59.9%
Dec-20	100.0%	100.0%	100.0%	100.0%	92.7%	9.3%	0.0%	94.6%	63.8%	96.8%
Jan-21	100.0%	100.0%	100.0%	100.0%	70.9%	80.0%	76.7%	100.0%	39.3%	100.0%
Feb-21	99.8%	100.0%	100.0%	100.0%	41.4%	82.5%	96.0%	97.5%	68.8%	98.2%
Mar-21	40.9%	100.0%	100.0%	100.0%	0.0%	78.6%	73.1%	90.3%	31.4%	100.0%
Apr-21	20.2%	100.0%	78.2%	100.0%	73.9%	30.4%	73.2%	57.0%	0.0%	70.0%
May-21	59.1%	100.0%	0.0%	100.0%	75.0%	90.8%	47.1%	98.1%	0.0%	36.2%
Jun-21	100.0%	100.0%	99.3%	100.0%	72.8%	73.8%	79.0%	80.0%	61.8%	100.0%
12-Month Average	85.0%	89.6%	89.8%	100.0%	66.9%	61.1%	56.3%	75.2%	52.3%	70.6%

**DOMINION ENERGY NORTH CAROLINA
NET CAPACITY FACTORS (%)
NUCLEAR AND LARGE COAL UNITS**

**Matzen Supplemental Exhibit JDM-1
Schedule 2**

July 2020-June 2021

	Nuclear Units				Large Coal Units					
	North Anna		Surry		Mt. Storm		Chesterfield		VaCity	
	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 1</u>	<u>Unit 2</u>	<u>Unit 3</u>	<u>Unit 5</u>	<u>Unit 6</u>	<u>Unit 1</u>
Jul-20	99.3%	99.8%	99.4%	99.6%	63.9%	52.7%	62.7%	65.4%	68.9%	50.6%
Aug-20	99.8%	99.7%	99.7%	100.2%	58.1%	33.2%	13.4%	69.4%	26.3%	25.2%
Sep-20	101.1%	36.6%	101.5%	101.0%	23.6%	4.5%	61.4%	13.2%	10.2%	5.2%
Oct-20	102.4%	39.2%	102.4%	102.3%	40.5%	17.1%	0.0%	0.0%	0.1%	0.0%
Nov-20	103.2%	103.2%	103.2%	103.4%	55.7%	0.0%	0.0%	0.0%	37.4%	0.0%
Dec-20	103.4%	103.5%	104.0%	103.4%	80.3%	4.3%	0.0%	68.4%	39.0%	11.1%
Jan-21	103.4%	103.5%	104.1%	103.9%	55.2%	60.0%	49.1%	0.0%	0.0%	4.4%
Feb-21	102.5%	103.5%	104.4%	104.8%	36.4%	73.4%	87.5%	45.2%	24.9%	64.6%
Mar-21	38.5%	103.7%	100.4%	102.0%	0.0%	52.8%	45.7%	0.0%	16.2%	8.8%
Apr-21	17.3%	103.3%	75.4%	103.0%	57.3%	22.2%	64.1%	5.4%	0.0%	0.0%
May-21	61.1%	102.9%	0.0%	103.3%	49.1%	70.9%	38.9%	13.9%	0.0%	0.0%
Jun-21	100.6%	101.5%	93.4%	100.1%	47.7%	55.2%	61.9%	23.2%	4.8%	8.0%
12-Month Average	86.1%	91.7%	90.6%	102.3%	47.3%	37.2%	40.4%	25.3%	19.0%	14.8%

**DOMINION ENERGY NORTH CAROLINA
SYSTEM ENERGY SUPPLY**

**Matzen Supplemental Exhibit JDM-1
Schedule 3**

Actual 12-Month Ended June 2021

	<u>Generation (MWhs)</u>	<u>% of Energy Supply</u>
Nuclear	27,163,019	30.9%
Coal	9,177,429	10.4%
Heavy Oil	77,546	0.1%
Wood	911,298	1.0%
Combined Cycle and Combustion Turbine	39,182,136	44.6%
Solar, Wind and Hydro - Conv and Pumped Storage	3,407,723	3.9%
Net Power Transactions	10,486,986	11.9%
Less Energy for Pumping	(2,462,204)	-2.8%
Total System	87,943,932	100.0%
Nuclear, NG, Coal and Net Power Transactions		97.8%

**DOMINION ENERGY NORTH CAROLINA
ENERGY AND FUEL EXPENSES**

**Matzen Supplemental Exhibit JDM-1
Schedule 4**

**Normalized and Adjusted Energy and Fuel Expense based on Actual 12-Months Ended June 2021
(Company Ownership Only)**

(1)	(2) 12-Months Ended June 2021				(3)	(4)	(5)	(6)	(7)	(8)	(11)	(12)
	Expense (\$)	Generation (MWh)	Rate (\$/MWh)	Supply (%)	Ratio of Coal Oil, CT & CC NUG & Other MWh To Total Sum	Coal, Oil, CT & CC, NUG, Other, Nuclear Adj. and Growth MWh	Adjusted Generation (MWh)	Rate (\$/MWh)	Normalized & Adjusted Fuel Expense at Applicable Rate (8) x (11)			
Coal (1)	329,446,381	10,088,727	32.65	11.5	0.1686	60,063,807	10,127,238	32.65	(4) 330,654,321			
Nuclear												
Surry	81,894,826	14,149,267	5.79	16.1			13,814,210					
North Anna	79,045,785	13,013,751	6.07	14.8			13,022,660					
Total Nuclear	160,940,611	(3) 27,163,019	5.92	30.9			26,836,870	5.92	(4) 158,874,270			
Heavy Oil	4,569,261	77,546	58.92	0.1	0.0013	60,063,807	77,843	58.92	(4) 4,586,510			
CC & CT (2)	847,700,878	39,182,136	21.63	44.6	0.6548	60,063,807	39,331,703	21.63	(4) 850,744,736			
Hydro	0	2,794,839		3.2			2,794,839		0			
Solar/ Wind	0	612,884		0.7			883,206					
Power Transactions												
NUG Fuel	137,849,715	2,504,124	55.05	2.8	0.0419	60,063,807	2,513,670	55.05	(4) 138,375,213			
PJM Purchases	203,166,474	7,982,862	25.45	9.1	0.1334	60,063,807	8,013,353	25.45	(5) 203,942,480			
Marketer Percent Adj to 72% Commodity Adjustment									1,941,545 131,078,459			
Net	341,016,189	10,486,986	32.52	11.9			10,527,023		475,337,697			
Pumping	0	(2,462,204)		-2.8			(2,462,204)		0			
Energy Supply	1,683,673,319	87,943,932	19.14	100.0			88,116,518	20.66	1,820,197,534			

NOTE: ALL VALUES REFLECT COMPANY'S OWNERSHIP OF NORTH ANNA, CLOVER AND BATH COUNTY

- (1) Coal includes wood and natural gas steam generator
- (2) CC & CT includes jet oil, light oil and natural gas generation
- (3) Nuclear expense excludes interim storage
- (4) Fuel expense rate based on weather normalized fuel expens
- (5) Purchases include 71% of the fuel expense and the impact of the FTRs

**SUPPLEMENTAL DIRECT TESTIMONY
OF
TIMOTHY P. STULLER
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 605**

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

2 A. My name is Timothy P. Stuller. My business address is 120 Tredegar Street,
3 Richmond, Virginia 23219. My title is Regulatory Specialist for Virginia
4 Electric and Power Company, which operates in North Carolina as Dominion
5 Energy North Carolina (the “Company”).

6 **Q. Are you the same Timothy P. Stuller who filed direct testimony in this**
7 **case on August 10, 2021?**

8 A. Yes.

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

10 A. The purpose of my testimony is to present the Company’s updated derivation
11 of the proposed Fuel Cost Rider A and the proposed Experience Modification
12 Factor (“EMF”) Rider B for the North Carolina jurisdiction and for each
13 customer class, to become effective on February 1, 2022. The updated
14 derivations of Rider A and Rider B are based on the Company’s actual system
15 fuel expenses for the fifteen months ended September 30, 2021 and the the
16 Company’s North Carolina recovery experience as of September 30, 2021, as

1 presented in the supplemental testimony of Company Witness Ronnie T.
2 Campbell.

3 **Q. In the course of your supplemental testimony will you introduce an**
4 **exhibit?**

5 A. Yes. Stuller Supplemental Exhibit TPS-1 consisting of six schedules, was
6 prepared under my direction and is accurate and complete to the best of my
7 knowledge and belief.

8 **Q. Please describe the Experience Modification Factor, Rider B, applicable**
9 **to the North Carolina jurisdiction.**

10 A. Schedule 3 of Stuller Supplemental Exhibit TPS-1 presents the calculation of
11 the proposed EMF Rider B applicable to the North Carolina jurisdiction and
12 the resulting factors for each customer class. Schedule 3, Page 1, shows the
13 calculation of the proposed uniform EMF applicable to the North Carolina
14 jurisdiction. The total under-recovered fuel expense, for the period July 1,
15 2020 through September 30, 2021, of \$8,217,462 (as provided in Schedule 2
16 of Campbell Supplemental Exhibit RTC-1) was not adjusted for interest. The
17 total net balance of \$8,217,462 was then divided by North Carolina test year
18 sales of 4,360,969,262 kWh which have been adjusted for change in usage,
19 weather, and customer growth. After being adjusted for the North Carolina
20 regulatory fee, the result is a uniform EMF of \$0.001886/kWh, applicable to
21 the North Carolina jurisdiction. The calculations used to differentiate the
22 uniform factor by voltage to determine the class factors are shown on

1 Schedule 3, Page 2. The resulting EMF for each class is shown in Column 7
2 of Schedule 3, Page 2.

3 **Q. Please provide a summary of the total fuel factors that the Company is**
4 **requesting in this case for each class to become effective February 1,**
5 **2022.**

6 A. The total proposed fuel rates (\$/kWh) for each class are as follows:

<u>Customer Class</u>	<u>Total</u>
Residential	\$0.023524
SGS & PA	\$0.023497
LGS	\$0.023306
Schedule NS	\$0.022615
6VP	\$0.022941
Outdoor Lighting	\$0.023524
Traffic	\$0.023524

7 A comparison of the present and proposed total rates for each class is shown
8 on my Schedule 4, Pages 1 and 2 of Stuller Supplemental Exhibit TPS-1.

9 **Q. Do you have a schedule that shows the total fuel revenue recovery by**
10 **class and for the North Carolina jurisdiction for the 2022 fuel year?**

11 A. Yes. Schedule 5 of Stuller Supplemental Exhibit TPS-1 shows the total fuel
12 revenue recovery by class and for the North Carolina jurisdiction for the 2022
13 fuel year. For the North Carolina jurisdiction, the proposed jurisdictional fuel
14 cost levels result in a total fuel recovery increase of \$26,196,342.

- 1 **Q. Have you included in your Supplemental exhibit a revision to the Fuel**
2 **Cost Rider A and EMF Rider B which will reflect the Company's**
3 **proposed total fuel factors, to be effective February 1, 2022?**
- 4 A. Yes. Schedule 6, Pages 1 and 2 of Stuller Supplemental Exhibit TPS-1
5 provides the revised Fuel Charge Rider A and EMF Rider B that the Company
6 proposes to become effective on and after February 1, 2022.
- 7 **Q. Mr. Stuller, would you explain how these proposed changes in the fuel**
8 **factor will affect customers' bills? Use bill amounts as of August 1, 2021,**
9 **as a point of reference.**
- 10 A. For Rate Schedule 1 (residential), for a customer using 1,000 kWh per month,
11 the weighted monthly residential bill (4 summer months and 8 base months)
12 would increase by \$6.09 from \$106.95 to \$113.04, or by 5.7%. For Rate
13 Schedule 5 (small general service), for a customer using 12,500 kWh per
14 month and 50 kW of demand, the weighted monthly bill (4 summer months
15 and 8 base months) would increase by \$75.96 from \$1,027.58 to \$1,103.54, or
16 by 7.4%. For Rate Schedule 6P (large general service), for a primary voltage
17 customer using 576,000 kWh (259,200 kWh on-peak and 316,800 kWh off-
18 peak) per month and 1,000 kW of demand, the monthly bill would increase by
19 \$3,470.98 from \$35,788.45 to \$39,259.43, or by 9.7%. For Rate Schedule 6L
20 (large general service), for a primary voltage customer using 6,000,000 kWh
21 (2,400,000 kWh on-peak and 3,600,000 kWh off-peak) per month and 10,000

1 kW of demand, the monthly bill would increase by \$36,156.00 from
2 \$339,019.30 to \$375,175.30, or by 10.7%.

3 **Q. Does this conclude your supplemental testimony?**

4 **A.** Yes, it does.

**SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION, AND CUSTOMER GROWTH
TWELVE MONTHS ENDED JUNE 30, 2021**

LINE	JURISDICTION	SYSTEM			TOTAL KWH
		CHANGE IN USAGE KWH	WEATHER NORM. KWH	CUSTOMER GROWTH KWH	
1)	NORTH CAROLINA (A)	43,057,562	(3,151,586)	16,438,286	56,344,262
2)	VIRGINIA	132,021,508	(187,082,768)	313,978,375	258,917,115
3)	COUNTY	(60,512,182)	(54,456,967)	1,876,100	(113,093,049)
4)	STATE	(114,326,818)	(18,856,099)	99,041,786	(34,141,131)
5)	MS / FEDERAL GOVERNMENT	0	0	0	0
7)	FERC	<u>0</u>	<u>4,559,232</u>	<u>0</u>	<u>4,559,232</u>
8)	SYSTEM KWH AT SALES LEVEL	240,070	(258,988,188)	431,334,547	172,586,429
9)	SUBTOTAL - SYSTEM KWH AT GENERATION LEVEL (LINE 8 x 2020 EXPANSION FACTOR) (B)				179,923,423

NOTES

() DENOTES NEGATIVE VALUE

(A) NORTH CAROLINA BY CLASS	CHANGE IN USAGE KWH	WEATHER NORM. KWH	CUSTOMER GROWTH KWH	TOTAL KWH
RESIDENTIAL	42,454,649	3,873,718	9,227,982	55,556,349
SGS / PA	(11,043,202)	(7,025,304)	5,520,665	(12,547,841)
LGS	(2,952,977)	0	1,501,334	(1,451,643)
NS	16,424,688	0	0	16,424,688
6VP	(1,222,947)	0	0	(1,222,947)
ODL & ST LTS	(591,529)	0	186,481	(405,048)
TRAFFIC	<u>(11,120)</u>	<u>0</u>	<u>1,824</u>	<u>(9,296)</u>
TOTAL	43,057,562	(3,151,586)	16,438,286	56,344,262

(B) 2020 SYSTEM EXPANSION FACTOR IS 1.042512

**DOMINION ENERGY NORTH CAROLINA
CALCULATION OF SYSTEM AVERAGE FUEL FACTOR
TWELVE MONTHS ENDED JUNE 30, 2021
TO BE EFFECTIVE FEBRUARY 1, 2022**

EXPENSE:	12 MONTH NORMALIZED SYSTEM FUEL EXPENSE (A)	\$1,820,197,534
SALES:	12 MONTHS SYSTEM KWH SALES ADJUSTED FOR CHANGE IN USAGE, WEATHER AND CUSTOMER GROWTH (B)	85,281,501,429
FEE:	NORTH CAROLINA REGULATORY FEE ADJUSTMENT FACTOR	1.0013
FACTOR =	$\frac{\$1,820,197,534}{85,281,501,429} \times 1.0013$	
FACTOR =	\$0.021371 / KWH (C) (D)	

NOTES

(A) FROM COMPANY EXHIBIT NO. JDM-1 SCHEDULE 4

(B) SYSTEM KWH AT SALES LEVEL [COMPANY EXHIBIT RC-1, SCHEDULE 3]	85,108,915,000
PLUS: SYSTEM KWH USAGE, WEATHER, GROWTH ADJUSTMENT [COMPANY EXHIBIT NO. TPS-1, SCHEDULE 1, LINE 8]	<u>172,586,429</u>
TOTAL SYSTEM SALES	85,281,501,429

(C) THE NORTH CAROLINA JURISDICTIONAL BASE FUEL FACTOR IS \$0.02092/KWH

(D) WITHOUT NC REGULATORY FEE \$0.021343 /KWH

**DOMINION ENERGY NORTH CAROLINA
CALCULATION OF FUEL COST RIDER A
TWELVE MONTHS ENDED JUNE 30, 2021
TO BE EFFECTIVE FEBRUARY 1, 2022**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>CUSTOMER CLASS</u>	<u>KWH SALES</u> (A)	<u>SYSTEM FUEL FACTOR</u> (B)	<u>FUEL REVENUE UNIFORM RATE</u> (1) x (2)	<u>CLASS EXPANSION FACTOR</u>	<u>CLASS KWH @ GENERATION LEVEL</u> (1) x (4)	<u>JURISDICTIONAL UNIFORM RATE @ GENERATION LEVEL</u> (3a) / (5a)	<u>JURISDICTIONAL VOLTAGE DIFFERENTIATED RATE @ SALES LEVEL</u> (4) x (6)	<u>VOLTAGE DIFFERENTIATED BASE FUEL RATE</u>	<u>FUEL COST RIDER A RATE</u> (7) - (8)
RESIDENTIAL	1,731,902,378	\$0.021371	\$37,012,486	1.050678	1,819,671,727	\$0.020573	\$0.021616	\$0.021180	\$0.000436
SGS & PA	757,602,177	\$0.021371	\$16,190,716	1.049459	795,072,603	\$0.020573	\$0.021591	\$0.021150	\$0.000441
LGS	648,374,758	\$0.021371	\$13,856,417	1.040971	674,939,363	\$0.020573	\$0.021416	\$0.020980	\$0.000436
SCHEDULE NS	926,528,107	\$0.021371	\$19,800,832	1.010127	935,911,057	\$0.020573	\$0.020781	\$0.020360	\$0.000421
6VP	272,300,663	\$0.021371	\$5,819,337	1.024636	279,009,062	\$0.020573	\$0.021080	\$0.020650	\$0.000430
OUTDOOR LIGHTING	23,849,646	\$0.021371	\$509,691	1.050678	25,058,299	\$0.020573	\$0.021616	\$0.021180	\$0.000436
TRAFFIC	411,533	\$0.021371	\$8,795	1.050678	432,388	\$0.020573	\$0.021616	\$0.021180	\$0.000436
TOTAL	4,360,969,262		\$93,198,274	(3a)	4,530,094,499	(5a)			

NOTES

(A)	<u>TEST YR KWH</u>	<u>CHG IN USAGE, WEATHER CUST GROWTH ADJ</u>	<u>TOTAL*</u>
RESIDENTIAL	1,676,346,029	55,556,349	1,731,902,378
SGS & PA	770,150,018	(12,547,841)	757,602,177
LGS	649,826,401	(1,451,643)	648,374,758
SCHEDULE NS	910,103,419	16,424,688	926,528,107
6VP	273,523,610	(1,222,947)	272,300,663
OUTDOOR LIGHTING	24,254,694	(405,048)	23,849,646
TRAFFIC	420,829	(9,296)	411,533
TOTAL	4,304,625,000	56,344,262	4,360,969,262

* CLASS KWH AT SALES LEVEL PLUS CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH [COMPANY EXHIBIT NO. TPS-1 SCHEDULE 1]

(B) IN \$/KWH

**DOMINION ENERGY NORTH CAROLINA
CALCULATION OF EXPERIENCE MODIFICATION FACTOR - RIDER B
TWELVE MONTHS ENDED SEPTEMBER 30, 2021
TO BE EFFECTIVE FEBRUARY 1, 2022**

EXPENSE:	JULY 1, 2020 - SEPTEMBER 30, 2021 NC JURISDICTIONAL FUEL EXPENSE UNDER RECOVERY (A)	\$8,217,462
INTEREST:		<u>\$0</u>
NET:		\$8,217,462
SALES:	12 MONTHS JURISDICTIONAL KWH SALES ADJUSTED FOR CHANGE IN USAGE, WEATHER, AND CUSTOMER GROWTH (B)	4,360,969,262
FEE:	NORTH CAROLINA REGULATORY FEE ADJUSTMENT FACTOR	1.0013

$$\text{FACTOR} = \frac{\$8,217,462}{4,360,969,262} \times 1.0013$$

$$\text{FACTOR} = \$0.001886 \text{ / KWH (C)}$$

NOTES

- (A) FROM COMPANY EXHIBIT NO. RTC-1 SCHEDULE 2
- (B) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 2, PAGE 2
- (C) WITHOUT NC REGULATORY FEE \$0.001884 /KWH

**DOMINION ENERGY NORTH CAROLINA
CALCULATION OF EXPERIENCE MODIFICATION FACTOR - RIDER B
TWELVE MONTHS ENDED SEPTEMBER 30, 2021
TO BE EFFECTIVE FEBRUARY 1, 2022**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>CUSTOMER CLASS</u>	<u>KWH SALES</u> (A)	<u>NC JURISDICTIONAL EMF</u> (B)	<u>FUEL REVENUE UNIFORM EMF</u> (1) x (2)	<u>CLASS EXPANSION FACTOR</u>	<u>CLASS KWH @ GENERATION LEVEL</u> (1) x (4)	<u>UNIFORM EMF @ GENERATION LEVEL</u> (3a) / (5a)	<u>VOLTAGE DIFFERENTIATED EMF @ SALES LEVEL</u> (4) x (6)
RESIDENTIAL	1,731,902,378	\$0.001886	\$3,266,368	1.050678	1,819,671,727	\$0.001816	\$0.001908
SGS & PA	757,602,177	\$0.001886	\$1,428,838	1.049459	795,072,603	\$0.001816	\$0.001906
LGS	648,374,758	\$0.001886	\$1,222,835	1.040971	674,939,363	\$0.001816	\$0.001890
SCHEDULE NS	926,528,107	\$0.001886	\$1,747,432	1.010127	935,911,057	\$0.001816	\$0.001834
6VP	272,300,663	\$0.001886	\$513,559	1.024636	279,009,062	\$0.001816	\$0.001861
OUTDOOR LIGHTING	23,849,646	\$0.001886	\$44,980	1.050678	25,058,299	\$0.001816	\$0.001908
TRAFFIC	411,533	\$0.001886	\$776	1.050678	432,388	\$0.001816	\$0.001908
TOTAL	4,360,969,262		\$8,224,788	(3a)	4,530,094,499	(5a)	

NOTES

(A) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 2, PAGE 2

(B) IN \$/KWH

**DOMINION ENERGY NORTH CAROLINA
TOTAL FUEL COST LEVEL - PRESENT AND PROPOSED
TO BE EFFECTIVE FEBRUARY 1, 2022**

	(1)	(2)	(3)	(4)		
<u>NC JURISDICTION</u>	<u>BASE FUEL COMPONENT \$/KWH</u>	<u>RIDER A FUEL CHARGE \$/KWH</u>	<u>RIDER B EMF \$/KWH</u>	<u>TOTAL FUEL RATE \$/KWH</u>		
PRESENT	\$0.020920	(\$0.002540)	(\$0.001130)	\$0.017250		
PROPOSED	\$0.020920	\$0.000451	\$0.001886	\$0.023257	Chg In Revenue	\$26,196,342
CHANGE	\$0.000000	\$0.002991	\$0.003016	\$0.006007		
<u>RESIDENTIAL</u>	<u>BASE FUEL COMPONENT \$/KWH</u>	<u>RIDER A FUEL CHARGE \$/KWH</u>	<u>RIDER B EMF \$/KWH</u>	<u>TOTAL FUEL RATE \$/KWH</u>		<u>AS OF FEB 2022</u>
PRESENT	\$0.021180	(\$0.002600)	(\$0.001150)	\$0.017430	<u>1,000 kWh</u>	
PROPOSED	\$0.021180	\$0.000436	\$0.001908	\$0.023524	Typical Bill	\$ 106.95
CHANGE	\$0.000000	\$0.003036	\$0.003058	\$0.006094	Fuel Change	\$ <u>6.09</u>
					Net	\$ 113.04
					% Change	5.7%
<u>SGS & PA</u>	<u>BASE FUEL COMPONENT \$/KWH</u>	<u>RIDER A FUEL CHARGE \$/KWH</u>	<u>RIDER B EMF \$/KWH</u>	<u>TOTAL FUEL RATE \$/KWH</u>		
PRESENT	\$0.021150	(\$0.002590)	(\$0.001140)	\$0.017420	<u>12,500 kWh</u>	
PROPOSED	\$0.021150	\$0.000441	\$0.001906	\$0.023497	Typical Bill	\$ 1,027.58
CHANGE	\$0.000000	\$0.003031	\$0.003046	\$0.006077	Fuel Change	\$ <u>75.96</u>
					Net	\$ 1,103.54
					% Change	7.4%
<u>LGS</u>	<u>BASE FUEL COMPONENT \$/KWH</u>	<u>RIDER A FUEL CHARGE \$/KWH</u>	<u>RIDER B EMF \$/KWH</u>	<u>TOTAL FUEL RATE \$/KWH</u>		
PRESENT	\$0.020980	(\$0.002560)	(\$0.001140)	\$0.017280	<u>576,000 kWh</u>	
PROPOSED	\$0.020980	\$0.000436	\$0.001890	\$0.023306	Typical Bill	\$ 35,788.45
CHANGE	\$0.000000	\$0.002996	\$0.003030	\$0.006026	Fuel Change	\$ <u>3,470.98</u>
					Net	\$ 39,259.43
					% Change	9.7%

NOTES

() DENOTES NEGATIVE VALUE

<u>6,000,000 kWh</u>	
Typical Bill	\$ 339,019.30
Fuel Change	\$ <u>36,156.00</u>

Typical Bill	\$	339,019.30
Fuel Change	\$	36,156.00
Net	\$	375,175.30
% Change		10.7%

**DOMINION NORTH CAROLINA POWER
TOTAL FUEL COST LEVEL - PRESENT AND PROPOSED
TO BE EFFECTIVE FEBRUARY 1, 2022**

	(1)	(2)	(3)	(5)
	BASE FUEL COMPONENT \$/KWH	RIDER A FUEL CHARGE \$/KWH	RIDER B EMF \$/KWH	TOTAL FUEL RATE \$/KWH
SCHEDULE NS				
PRESENT	\$0.020360	(\$0.002490)	(\$0.001100)	\$0.016770
PROPOSED	\$0.020360	\$0.000421	\$0.001834	\$0.022615
CHANGE	\$0.000000	\$0.002911	\$0.002934	\$0.005845
6VP				
PRESENT	\$0.020650	(\$0.002530)	(\$0.001120)	\$0.017000
PROPOSED	\$0.020650	\$0.000430	\$0.001861	\$0.022941
CHANGE	\$0.000000	\$0.002960	\$0.002981	\$0.005941
OUTDOOR LIGHTING				
PRESENT	\$0.021180	(\$0.002600)	(\$0.001150)	\$0.017430
PROPOSED	\$0.021180	\$0.000436	\$0.001908	\$0.023524
CHANGE	\$0.000000	\$0.003036	\$0.003058	\$0.006094
TRAFFIC				
PRESENT	\$0.021180	(\$0.002600)	(\$0.001150)	\$0.017430
PROPOSED	\$0.021180	\$0.000436	\$0.001908	\$0.023524
CHANGE	\$0.000000	\$0.003036	\$0.003058	\$0.006094

NOTES

() DENOTES NEGATIVE VALUE

Inputs For Present Base Fuel and EMF:

	Base	Rider A	Rider B EMF
RESIDENTIAL	0.021180	-0.002600	-0.001150
SGS & PA	0.021150	-0.002590	-0.001140
LGS	0.020980	-0.002560	-0.001140
SCHEDULE NS	0.020360	-0.002490	-0.001100
6VP	0.020650	-0.002530	-0.001120
OUTDOOR LIGHTING	0.021180	-0.002600	-0.001150
TRAFFIC	0.021180	-0.002600	-0.001150

**DOMINION ENERGY NORTH CAROLINA
TOTAL FUEL RECOVERY
TWELVE MONTHS ENDED JUNE 30, 2021
TO BE EFFECTIVE FEBRUARY 1, 2022**

	(1)	(2)	(3)	(4)	(5)	(6)
<u>CUSTOMER CLASS</u>	<u>SALES(KWH)</u>	<u>BASE FUEL COMPONENT</u> (A)	<u>FUEL COST RIDER A</u> (B)	<u>EMF RIDER B</u> (C)	<u>TOTAL</u> (2) + (3) + (4)	<u>TOTAL REVENUE</u> (1) x (5)
RESIDENTIAL	1,731,902,378	\$0.021180	\$0.000436	\$0.001908	\$0.023524	\$40,741,272
SGS & PA	757,602,177	\$0.021150	\$0.000441	\$0.001906	\$0.023497	\$17,801,378
LGS	648,374,758	\$0.020980	\$0.000436	\$0.001890	\$0.023306	\$15,111,022
SCHEDULE NS	926,528,107	\$0.020360	\$0.000421	\$0.001834	\$0.022615	\$20,953,433
6VP	272,300,663	\$0.020650	\$0.000430	\$0.001861	\$0.022941	\$6,246,850
OUTDOOR LIGHTING	23,849,646	\$0.021180	\$0.000436	\$0.001908	\$0.023524	\$561,039
TRAFFIC	411,533	\$0.021180	\$0.000436	\$0.001908	\$0.023524	\$9,681
TOTAL	4,360,969,262					\$101,424,675

	<u>SALES(KWH)</u>	<u>BASE FUEL COMPONENT</u>	<u>FUEL COST RIDER A</u>	<u>EMF RIDER B</u>	<u>TOTAL</u> (2) + (3) + (4)	<u>TOTAL REVENUE</u> (1) x (5)
NORTH CAROLINA JURISDICTION	4,360,969,262	\$0.020920	\$0.000451	\$0.001886	\$0.023257	\$101,423,062

	<u>SALES(KWH)</u>	<u>PRESENT TOTAL RATE</u>	<u>PROPOSED TOTAL RATE</u>	<u>TOTAL CHANGE</u> (3) - (2)	<u>TOTAL REVENUE CHANGE</u> (4) x (1)
NORTH CAROLINA JURISDICTION REVENUE CHANGE	4,360,969,262	\$0.017250	\$0.023257	\$0.006007	\$26,196,342

NOTES

- (A) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 2, PAGE 2
- (B) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 2, PAGE 2 (12 Months Ended June 30, 2021)
- (C) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 3, PAGE 2 (12 Months Ended September 30, 2021)

RIDER B

EXPERIENCE MODIFICATION FACTOR (EMF)

The applicable cents per kilowatt-hour charge¹ shall be added to the energy charges contained within each of the following Dominion Energy North Carolina filed Rate Schedules.

Rate Schedule	Customer Class	Cents per kWh Charge
Schedule 1	Residential	0.1908¢/kWh
Schedule 1DF	Residential	0.1908¢/kWh
Schedule 1P	Residential	0.1908¢/kWh
Schedule 1T	Residential	0.1908¢/kWh
Schedule 1W	Residential	0.1908¢/kWh
Schedule 5	SGS & Public Authority	0.1906¢/kWh
Schedule 5C	SGS & Public Authority	0.1906¢/kWh
Schedule 5P	SGS & Public Authority	0.1906¢/kWh
Schedule 7	SGS & Public Authority	0.1906¢/kWh
Schedule 30	SGS & Public Authority	0.1906¢/kWh
Schedule 42	SGS & Public Authority	0.1906¢/kWh
Schedule 6C	Large General Service	0.1890¢/kWh
Schedule 6P	Large General Service	0.1890¢/kWh
Schedule 6L	Large General Service	0.1890¢/kWh
Schedule 10	Large General Service	0.1890¢/kWh
Schedule LGS – RTP With Customer Baseline Load	Large General Service	0.1890¢/kWh
Schedule LGS – RTP Economic Development	Large General Service	0.1890¢/kWh
Schedule 26	Outdoor Lighting	0.1908¢/kWh
Schedule 30T	Traffic Control	0.1908¢/kWh
Schedule 6VP	6VP	0.1861¢/kWh
Schedule NS Tier 2-Type A and Tier 3 Energy Charges	Schedule NS	0.1834¢/kWh
Schedule NS Tier 1 Type A & B, and Tier 2-Type B Energy Charges	Schedule NS	Rider B is Included in the Energy Charges

¹This charge is not a part of the base fuel cost included in the energy prices stated in the Rate Schedules and should, therefore, be applied in addition to the prices stated in the Rate Schedules.

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing Supplemental Testimonies of Ronnie T. Campbell, Dale E. Hinson, Jeffrey D. Matzen, and Timothy P. Stuller, as filed in Docket No. E-22, Sub 605, were served electronically or via U.S. mail, first-class, postage prepaid, upon all parties of record.

This, the 28th day of October, 2021.

/s/Mary Lynne Grigg

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