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September 28, 2023

VIA Electronic Filing

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

Re: Dominion Energy North Carolina's 2023 Fuel Charge Adjustment
Docket No. E-22, Sub 675
ERRATA

Dear Ms. Dunston:

Enclosed for filing is the *Errata Application for a Change in Fuel Component of Electric Rates* ("Errata Application") of Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (the "Company"). On August 15, 2023, the Company filed its Application for a Change in Fuel Component of Electric Rates in compliance with North Carolina General Statute § 62-133.2 and North Carolina Utilities Commission ("Commission") Rule R8-55. In support of its Application, the Company also filed testimony and supporting exhibits of witnesses, as well as Commission Rule R8-55 Information and Workpapers.

On September 25, 2023, the Company discovered a data entry error that affects the weather normalization adjustment for the "FERC Coops" (page 93 of the R8-55 package). The data entry issue resulted in the monthly weather effect for the FERC Coops displayed by the Company's SAS program to be understated by 5,895,280 kWh. This understatement, in turn, resulted in the understatement of the System Sales Adjustment for the test period by an equal amount. Changing the System Sales Adjustment by 5,895,280 kWh impacts the 12 Month Normalized System Fuel Expense, calculated by Company Witness Matzen, by $272,151. When taking both the increased kWh adjustment and the increased System Fuel Expense into account, the System Average Fuel Factor increases from $0.034575 to $0.034576. This change will impact all of the class differentiated Rider A fuel factors in the sixth digit of the rate but does not impact any classes with respect to Rider B or Rider B-1.

To reflect this correction, with this Errata filing the Company is including:

1. redline and clean versions of the corrected Application;
2. redlined and clean versions of the corrected direct testimony of witness Timothy P. Stuller;
3. corrected schedules in support of witness Stuller's direct testimony;
4. corrected Schedule 4 to witness Jeffrey D. Matzen's direct testimony (witness Matzen's originally-filed direct testimony and other schedules do not require correction); and
5. corrected information required by Rule R8-55(e)(2).

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

Very truly yours,

/s/Andrea R. Kells

ARK:bms

Enclosures

cc: William E.H. Creech, Public Staff – NC Utilities Commission
William S.F. Freeman, Public Staff – NC Utilities Commission
Lucy Edmondson, Public Staff – NC Utilities Commission

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-22, SUB 675

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of Application by Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina, for Authority to Adjust its Electric Rates and Charges and Revise its Fuel Factor Pursuant to N.C. Gen. Stat. § 62-133.2 and NCUC Rule R8-55	)))))))	APPLICATION FOR A CHANGE IN FUEL COMPONENT OF ELECTRIC RATES

Pursuant to North Carolina General Statutes ("N.C. Gen. Stat.") § 62-133.2 and Rule R8-55 of the Rules and Regulations of the North Carolina Utilities Commission ("Commission"), Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina ("DENC" or the "Company"), by counsel, hereby applies to the Commission to adjust the fuel component of its electric rates to become effective February 1, 2024, and remain in effect through January 31, 2025. In support thereof, the Company respectfully demonstrates as follows:

1. The Company is a public utility operating in the State of North Carolina as Dominion Energy North Carolina and is engaged in the business of generating, transmitting, distributing, and selling electric power and energy to the public for compensation. As such, the Company's operations in the State are subject to the jurisdiction of the Commission. The Company is also a public utility under the Federal Power Act, and certain of its operations are subject to the jurisdiction of the Federal Energy Regulatory Commission. The Company is a wholly-owned operating subsidiary of Dominion Energy, Inc. DENC serves approximately 140,000 customers in North Carolina, with a service territory of about 2,600 square miles in northeastern North

Carolina, including Roanoke Rapids, Albemarle, Ahoskie, Williamston, Elizabeth City, and the Outer Banks. The Company serves major industrial facilities like Nucor Steel, Kapstone, Enviva, and Hospira, as well as commercial and residential customers. The Company's headquarters are located at 120 Tredegar Street, Richmond, Virginia 23219. The post office address of DENC is P.O. Box 26666, Richmond, Virginia 23261.

2. The attorneys for the Company are:

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

3. Pursuant to Rule R8-55(f), the Company is to file its direct testimony, exhibits, and workpapers supporting its fuel adjustment 98 days prior to the hearing. Accordingly, DENC hereby files the direct testimony, exhibits, and workpapers of the following witnesses in support of its proposed fuel adjustment: Jeffrey D. Matzen, James

Holloway, Alan J. Moore, Dale E. Hinson, Christopher D. Clemens, and Timothy P. Stuller.

4. Pursuant to Rule R8-55(c), DENC's test period for this proceeding is the 12-month period ending June 30, 2023 ("Test Period").

5. Updated Rider A and Rider B, as well as Rider B-1 discussed herein, will be in effect for the twelve-month period from February 1, 2024, through January 31, 2025, the proposed "Rate Year."

6. The last general rate case order for the Company was issued by the Commission on February 24, 2020, in Docket No. E-22, Sub 562 ("2019 Base Rate Case Order"). In the 2019 Base Rate Case Order, the Commission reset the Company's system average base fuel factor applicable to the North Carolina jurisdiction to $0.02092/kWh, including regulatory fee ($0.02089/kWh without the fee). The Commission's last fuel adjustment proceeding order for the Company was issued on January 13, 2023, in Docket No. E-22, Sub 644 ("2022 Fuel Order"). The 2022 Fuel Order approved the current Rider A and an updated Experience Modification Factor ("EMF") Rider B. The 2022 Fuel Order also approved the stipulation between the Company, the Public Staff, and CIGFUR 1, in which the parties agreed to the Company's two-step implementation of updated EMF Rider B, to address the significant under-recovery of $66,729,993 that the Company experienced during the previous test period while balancing the impact to customers. Under the two-step mitigation, the Step 1 Rider B rate, which reduced the "Full Recovery" EMF rate, took effect February 1, 2023, through July 31, 2023, and the Step 2 Rider B rate, which recovers the fully supported EMF rate, took effect August 1, 2023, and remains in place.

7. As explained by the direct testimony of Company Witness Matzen, consistent with the methodology applied in the Company's fuel adjustment proceedings dating back to 2008, the Company's cost of fuel calculations are based on the 12-month historical average for fuel prices incurred during the Test Period. As Company Witness Matzen explains, this methodology is a fair representation of the expected expense rates during the February 1, 2024, through January 31, 2025 Rate Year.

8. For the Test Period, the normalized system fuel expense is $3,242,553,433~~3,242,280,682~~, which is then divided by system sales of 93,919,976,874~~93,914,081,594~~ kWh, which reflect the normalization adjustments for change in usage, weather, and customer growth. The result is a normalized system average fuel factor of $0.0345760~~.034575~~/kWh, which is an increase of $0.003865~~003864~~/kWh, applicable to the North Carolina jurisdiction. Company Witness Timothy P. Stuller explains that the Company developed the normalization adjustments for this case using the twelve-month period ended March 31, 2023. This change was made to produce an accurate adjustment in a timely manner for this case due to delayed availability of sales information in the formats required for input to the models that determine changes in usage, weather normalization, and customer growth that have resulted from the Company's transition to a new customer information platform. DENC has under-recovered its fuel costs for the Test Period, after removing underrecovery for July and August 2022 as those months were accounted for in the stipulated EMF in the 2022 fuel adjustment proceeding, by $17,578,384. The total under-recovered fuel expense as of June 30, 2023, based on the current 71% marketer percentage, is provided in the direct testimony and exhibits of Company Witness Alan J. Moore. As Company

Witness Dale E. Hinson testifies, this fuel under-recovery was driven by major commodity price increases created by global geopolitical and energy issues, even while commodity prices have improved significantly in the last six months due to the lack of cold weather during the winter months.

9. The two-step mitigation approved in the 2022 fuel case was expected to leave a significant portion of the original EMF balance from August 31, 2022, unrecovered during the 2023 fuel rate year. In order to separate the under recovery due to mitigation from the recovery of current period expense, which will be recovered through Rider B, the Company is proposing rates to recover the projected remaining balance of the prior period fuel expense, through a mechanism termed "Rider B1," in the 2024 fuel year. In the 2024 fuel proceeding, the Company will establish Rider B1 rates to recover or refund during the 2025 fuel year any final over- or under-recovery of the August 31, 2022 balance.

10. The Company calculated the EMF Rider B and EMF Rider B-1 applicable to the North Carolina jurisdiction and to each customer class using the methodology approved in the 2023 Fuel Order. These calculations are addressed in the direct testimony and exhibits of Company Witness Stuller.

11. The Company proposes that the total fuel rate (base fuel factor, Rider A, EMF Rider B, and EMF Rider B-1) for each class be set as follows, effective February 1, 2024:

Customer Class	Total
Residential	$0.046083~~046082~~
SGS & PA	$0.046040~~046038~~
LGS	$0.045714~~045713~~
Schedule NS	$0. 044300~~044299~~
6VP	$0. 044938~~044937~~

Outdoor Lighting	$0.046083~~046082~~
Traffic	$0.046083~~046082~~

12. For the North Carolina jurisdiction, the proposed jurisdictional fuel cost levels result in a total fuel recovery decrease of $4,322,303~~4,326,317~~.

WHEREFORE, Dominion Energy North Carolina respectfully requests that the Commission approve the proposed total fuel factor of 4.5610~~4.5609~~ ¢/kWh, effective February 1, 2024, which shall be allocated based on voltage differentiated adjustments, including the base fuel factor, Rider A, EMF Rider B, and EMF Rider B-1, as follows:

(a) 4.6083~~6082~~ ¢/kWh for the Residential class of customers,
(b) 4.6040~~6038~~ ¢/kWh for the Small General Service and Public Authority classes of customers,
(c) 4.5714~~5713~~ ¢/kWh for the Large General Service class of customers,
(d) 4.4300~~4299~~ ¢/kWh for the Schedule NS class of customers,
(e) 4.4938~~4937~~ ¢/kWh for the Schedule 6VP class of customers, and
(f) 4.6083~~6082~~ ¢/kWh for the Outdoor Lighting and Traffic classes of customers;

and grant any other relief the Commission deems appropriate.

Respectfully submitted, this the 15th day of August, 2023.

DOMINION ENERGY NORTH CAROLINA

By: */s/Mary Lynne Grigg*
Counsel for Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina

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STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

DOCKET NO. E-22, SUB 675

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of Application by Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina, for Authority to Adjust its Electric Rates and Charges and Revise its Fuel Factor Pursuant to N.C. Gen. Stat. § 62-133.2 and NCUC Rule R8-55	)))))))	APPLICATION FOR A CHANGE IN FUEL COMPONENT OF ELECTRIC RATES

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1. The Company is a public utility operating in the State of North Carolina as Dominion Energy North Carolina and is engaged in the business of generating, transmitting, distributing, and selling electric power and energy to the public for compensation. As such, the Company's operations in the State are subject to the jurisdiction of the Commission. The Company is also a public utility under the Federal Power Act, and certain of its operations are subject to the jurisdiction of the Federal Energy Regulatory Commission. The Company is a wholly-owned operating subsidiary of Dominion Energy, Inc. DENC serves approximately 140,000 customers in North Carolina, with a service territory of about 2,600 square miles in northeastern North

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2. The attorneys for the Company are:

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Holloway, Alan J. Moore, Dale E. Hinson, Christopher D. Clemens, and Timothy P. Stuller.

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commodity price increases created by global geopolitical and energy issues, even while commodity prices have improved significantly in the last six months due to the lack of cold weather during the winter months.

9. The two-step mitigation approved in the 2022 fuel case was expected to leave a significant portion of the original EMF balance from August 31, 2022, unrecovered during the 2023 fuel rate year. In order to separate the under recovery due to mitigation from the recovery of current period expense, which will be recovered through Rider B, the Company is proposing rates to recover the projected remaining balance of the prior period fuel expense, through a mechanism termed "Rider B1," in the 2024 fuel year. In the 2024 fuel proceeding, the Company will establish Rider B1 rates to recover or refund during the 2025 fuel year any final over- or under-recovery of the August 31, 2022 balance.

10. The Company calculated the EMF Rider B and EMF Rider B-1 applicable to the North Carolina jurisdiction and to each customer class using the methodology approved in the 2023 Fuel Order. These calculations are addressed in the direct testimony and exhibits of Company Witness Stuller.

11. The Company proposes that the total fuel rate (base fuel factor, Rider A, EMF Rider B, and EMF Rider B-1) for each class be set as follows, effective February 1, 2024:

Customer Class	Total
Residential	$0.046083
SGS & PA	$0.046040
LGS	$0.045714
Schedule NS	$0. 044300
6VP	$0. 044938
Outdoor Lighting	$0.046083
Traffic	$0.046083

12. For the North Carolina jurisdiction, the proposed jurisdictional fuel cost levels result in a total fuel recovery decrease of $4,322,303.

WHEREFORE, Dominion Energy North Carolina respectfully requests that the Commission approve the proposed total fuel factor of 4.5610 ¢/kWh, effective February 1, 2024, which shall be allocated based on voltage differentiated adjustments, including the base fuel factor, Rider A, EMF Rider B, and EMF Rider B-1, as follows:

(a) 4.6083 ¢/kWh for the Residential class of customers,
(b) 4.6040 ¢/kWh for the Small General Service and Public Authority classes of customers,
(c) 4.5714 ¢/kWh for the Large General Service class of customers,
(d) 4.4300 ¢/kWh for the Schedule NS class of customers,
(e) 4.4938 ¢/kWh for the Schedule 6VP class of customers, and
(f) 4.6083 ¢/kWh for the Outdoor Lighting and Traffic classes of customers;

and grant any other relief the Commission deems appropriate.

Respectfully submitted, this the 15th day of August, 2023.

DOMINION ENERGY NORTH CAROLINA

By: */s/Mary Lynne Grigg*
Counsel for Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina

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DIRECT TESTIMONY
OF
TIMOTHY P. STULLER
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 675

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

A. My name is Timothy P. Stuller. My business address is 120 Tredegar Street, Richmond, Virginia 23219. My title is Manager - Regulation for Virginia Electric and Power Company, which operates in North Carolina as Dominion Energy North Carolina (the "Company"). A statement of my background and qualifications is attached as Appendix A.

Q. Mr. Stuller, what is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present the Company's derivation of the proposed Fuel Cost Rider A and the proposed Experience Modification Factor ("EMF") Rider B for the North Carolina Jurisdiction and for each customer class based on the 12 months ended June 30, 2023 (the "Test Period"), to become effective on February 1, 2024. I am also sponsoring the calculation of the adjustment to total system sales (kWh) for the 12 months ended June 30, 2023, due to change in usage, weather normalization, and customer growth.

Q. Do you sponsor any exhibits?

A. Yes. Company Exhibit TPS-1, consisting of 10 schedules, was prepared under my direction and is accurate and complete to the best of my knowledge and belief.

Q. What is the total fuel factor that the Company is proposing in this case?

A. I have calculated the North Carolina jurisdictional average fuel factor equal to the combined base fuel and Fuel Cost Rider A, excluding Rider B (the Experience Modification Factor) ("EMF") and Rider B1 for the Test Period ending June 30, 2023, to be $0.0345760.034575/kWh.

Q. Mr. Stuller, please explain Schedule 1.

A. Schedule 1 of Company Exhibit TPS-1 provides a summary of jurisdictional and total system kWh sales for the 12 months ended March 31, 2023, adjusted for change in usage, weather normalization, and customer growth. Line 1 of Schedule 1 shows the adjustment to sales for the North Carolina Jurisdiction of 71,024,667 kWh. The adjustment to total system kWh at sales level is 4,632,674,8744,626,779,594 kWh. This adjustment is consistent with the methodology used in the Company's last general rate case (Docket No. E-22, Sub 562) and the last fuel charge adjustment case (Docket No. E-22, Sub 644).

Q. Have you calculated the proposed Fuel Cost Rider A for the North Carolina Jurisdiction and each customer class?

A. Yes. Schedule 2 of Company Exhibit TPS-1 presents the calculation of the proposed System Average Fuel Factor for the North Carolina Jurisdiction and for each customer class. On Schedule 2, Page 1, a system fuel expense level of $3,242,553,4333,242,280,682 (as provided in Schedule 4 of Company Exhibit JDM-1) is divided by system sales of 93,919,976,87493,914,081,594 kWh that reflect the normalization adjustments for change in usage, weather,

and customer growth, and adjusted for the North Carolina regulatory fee. The result is a normalized system average fuel factor of $0.0345760.034575/kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the jurisdictional Base Fuel Component by voltage to determine the class fuel factors are shown on Schedule 2, Page 2. They are consistent with the methodology used in the Company's most recent fuel case (Docket No. E-22, Sub 644). The Base Fuel Component for each class determined in Docket No. E-22, Sub 644 is shown in Column 8 of Schedule 2, Page 2. Fuel Cost Rider A is calculated in Column 9 of Schedule 2, Page 2.

Q. The Test Period for the growth and weather normalization adjustments is different than in years past, please describe and justify that difference?

A. The Company's transition to a new customer information platform has resulted in delays in the availability of sales information in the formats required for input to the models which determine the change in usage, weather normalization, and customer growth. In an effort to produce an accurate adjustment in a timely manner for the current proceeding, the Company developed the normalization adjustments using the 12 months ended March 31, 2023. It is important to note that the 12 months used for the normalization adjustments are only used for the purpose of producing the adjustments for change in usage, weather normalization, and customer growth as well as the class breakdown of the total Test Period sales. The methodology for applying the adjustments has not changed.

Q. Mr. Stuller, would you address the final stipulation mitigation methodology from last year's fuel proceeding, Docket No. E-22, Sub 644?

A. The final mitigation methodology approved by the Commission was a special treatment of the August 31, 2022, under-recovery of $66,729,993 for all customer classes. The treatment was termed "Stepped Mitigation." Stepped Mitigation resulted in a "Step 1" Rider B rate ($0.004764) that significantly reduced the "Full Recovery" rate for the rate year beginning February 1, 2023 which would remain in place for the first six months of the fuel rate year. The "Step 2" rate, which became effective August 1, 2023 and remains in place for the second six months of the fuel rate year is the fully supported Rider B rate for the period ($0.01597). This mitigation was expected to leave a significant portion of the original EMF balance from August 31, 2022 unrecovered during the 2023 fuel rate year. In order to separate the under recovery due to mitigation from the recovery of current period expense that will be recovered through Rider B, the Company is proposing rates to recover the projected remaining balance of the prior period fuel expense, through a mechanism termed "Rider B1," in the 2024 fuel year. In the 2024 fuel proceeding, the Company will establish Rider B1 rates to recover or refund during the 2025 fuel year any final over or under-recovery of the August 31, 2022, balance.

Q. Please describe the Experience Modification Factor, Rider B.

A. Schedule 3 of Company Exhibit TPS-1 presents the calculation of the proposed EMF Rider B applicable to the North Carolina Jurisdiction and the resulting factors for each customer class. Schedule 3, Page 1, shows the

calculation of the proposed uniform EMF applicable to the North Carolina Jurisdiction. The total under-recovered current period fuel expense, for the period September 1, 2022, through June 30, 2023, of $17,578,384 (as provided in Schedule 2 of Company Exhibit AJM-1) was not adjusted for interest. The total net balance of $17,578,384 was then divided by North Carolina test year sales of 4,013,280,667 kWh which have been adjusted for change in usage, weather, and customer growth. After being adjusted for the North Carolina regulatory fee, the result is a uniform EMF of $0.004386/kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the uniform factor by voltage to determine the class factors are shown on Schedule 3, Page 2. The resulting EMF for each class is shown in Column 7 of Schedule 3, Page 2.

Q. Do you have a schedule that shows the projected outstanding balance to be recovered through the proposed Rider B1 mechanism?

A. Yes. Schedule 4 of Company Exhibit TPS-1 shows the projected recovery of prior period expense through the remainder of the 2023 fuel rate year.

Q. Do you have a schedule that shows the derivation of the proposed Rider B1 rates?

A. Yes. Schedule 5, Pages 1 and 2, of Company Exhibit TPS-1 shows the calculation of Rider B1 rates based on the projected balance calculated in Schedule 4. The methodology to determine the Rider B1 class factors is the same as the methodology used to determine the Rider B rates, shown in my Schedule 3 and described above. The total projected January 31, 2024

balance of $26,638,591 was then divided by North Carolina test year sales of 4,013,280,667 kWh which have been adjusted for change in usage, weather, and customer growth. After being adjusted for the North Carolina regulatory fee, the result is a uniform EMF of $0.006648 /kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the uniform factor by voltage to determine the class factors are shown on Schedule 5, Page 2. The resulting EMF for each class is shown in Column 7 of Schedule 5, Page 2.

Q. Please provide a summary of the total fuel factors that the Company is requesting in this case for each class to become effective February 1, 2024.

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

Customer Class	Total
Residential	$0.046083~~046082~~
SGS & PA	$0.046040~~046038~~
LGS	$0.045714~~045713~~
Schedule NS	$0.044300~~044299~~
6VP	$0.044938~~044937~~
Outdoor Lighting	$0.046083~~046082~~
Traffic	$0.046083~~046082~~

A comparison of the present and proposed total rates for each class is shown on Schedule 6, Pages 1 and 2, of Company Exhibit TPS-1.

Q. Do you have a schedule that shows the total fuel revenue recovery by class and for the North Carolina Jurisdiction for the 2024 Rate Year?

A. Yes. Schedule 7 of Company Exhibit TPS-1 shows the total fuel revenue recovery by class and for the North Carolina Jurisdiction for the 2024 Rate Year. For the North Carolina Jurisdiction, the proposed jurisdictional fuel cost levels result in a total fuel recovery decrease of $4,322,303~~4,326,317~~.

Q. Have you included in your exhibit revisions to the Fuel Cost Rider A and EMF Rider B as well as Rider B1 to reflect the Company's proposed total fuel factors, to be effective February 1, 2024?

A. Yes. Schedules 8, 9, and 10 of Company Exhibit TPS-1 provide the revised Fuel Charge Rider A and EMF Rider B as well as Rider B1 that the Company proposes to become effective on and after February 1, 2024.

Q. Mr. Stuller, would you explain how these proposed changes in the fuel factor will affect customers' bills? Use bill amounts as of August 1, 2023 as a point of reference.

A. For Rate Schedule 1 (residential), for a customer using 1,000 kWh per month, the weighted monthly residential bill (four summer months and eight base months) would decrease by $1.11 from $137.44 to $136.33, or by 0.8%. For Rate Schedule 5 (small general service), for a customer using 12,500 kWh per month and 50 kW of demand, the weighted monthly bill (four summer months and eight base months) would decrease by $13.56~~13.58~~ from $1,403.33 to $1,389.77~~1,389.75~~, or by 1.0%. For Rate Schedule 6P (large general service), for a primary voltage customer using 576,000 kWh (259,200 kWh on-peak

and 316,800 kWh off-peak) per month and 1,000 kW of demand, the monthly bill would decrease by $614.02 ~~614.59~~ from $53,036.63 to $52,422.61~~52,422.04~~, or by 1.2%. For Rate Schedule 6L (large general service), for a primary voltage customer using 6,000,000 kWh (2,400,000 kWh on-peak and 3,600,000 kWh off-peak) per month and 10,000 kW of demand, the monthly bill would decrease by $6,396.00~~6,402.00~~ from $518,678.31 to $512,282.31~~512,276.31~~, or by 1.2%.

Q. Does this conclude your testimony?

A. Yes, it does.

BACKGROUND AND QUALIFICATIONS OF TIMOTHY P. STULLER

Timothy P. Stuller, Jr. holds a Bachelor of Science degree in Economics and Business from Randolph – Macon College and a Master of Business Administration from Virginia Commonwealth University. In 2007, Mr. Stuller joined Dominion Energy as a Regulatory Accounting Analyst I. In 2009, Mr. Stuller moved to the Customer Rates department as Regulatory Analyst II. Since 2009, Mr. Stuller has held various roles in the Customer Rates department including cost of service study development, analysis of rates and tariffs, supporting non-jurisdictional contracts, and generally supporting regulatory filings. Most recently, Mr. Stuller's primary responsibility was analysis and design of rates to recover fuel costs for customers across the Dominion Energy Virginia and Dominion Energy North Carolina systems. On July 1, 2023, Mr. Stuller assumed his current role, Manager-Regulation, and will be responsible for tariff implementation and the negotiation and administration of the Company's wholesale and large customer sales contracts.

Mr. Stuller has previously testified before the North Carolina Utilities Commission and the Virginia State Corporation Commission.

DIRECT TESTIMONY
OF
TIMOTHY P. STULLER
ON BEHALF OF
DOMINION ENERGY NORTH CAROLINA
BEFORE THE
NORTH CAROLINA UTILITIES COMMISSION
DOCKET NO. E-22, SUB 675

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

A. My name is Timothy P. Stuller. My business address is 120 Tredegar Street, Richmond, Virginia 23219. My title is Manager - Regulation for Virginia Electric and Power Company, which operates in North Carolina as Dominion Energy North Carolina (the "Company"). A statement of my background and qualifications is attached as Appendix A.

Q. Mr. Stuller, what is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present the Company's derivation of the proposed Fuel Cost Rider A and the proposed Experience Modification Factor ("EMF") Rider B for the North Carolina Jurisdiction and for each customer class based on the 12 months ended June 30, 2023 (the "Test Period"), to become effective on February 1, 2024. I am also sponsoring the calculation of the adjustment to total system sales (kWh) for the 12 months ended June 30, 2023, due to change in usage, weather normalization, and customer growth.

Q. Do you sponsor any exhibits?

A. Yes. Company Exhibit TPS-1, consisting of 10 schedules, was prepared under my direction and is accurate and complete to the best of my knowledge and belief.

Q. What is the total fuel factor that the Company is proposing in this case?

A. I have calculated the North Carolina jurisdictional average fuel factor equal to the combined base fuel and Fuel Cost Rider A, excluding Rider B (the Experience Modification Factor) ("EMF") and Rider B1 for the Test Period ending June 30, 2023, to be $0.034576/kWh.

Q. Mr. Stuller, please explain Schedule 1.

A. Schedule 1 of Company Exhibit TPS-1 provides a summary of jurisdictional and total system kWh sales for the 12 months ended March 31, 2023, adjusted for change in usage, weather normalization, and customer growth. Line 1 of Schedule 1 shows the adjustment to sales for the North Carolina Jurisdiction of 71,024,667 kWh. The adjustment to total system kWh at sales level is 4,632,674,874 kWh. This adjustment is consistent with the methodology used in the Company's last general rate case (Docket No. E-22, Sub 562) and the last fuel charge adjustment case (Docket No. E-22, Sub 644).

Q. Have you calculated the proposed Fuel Cost Rider A for the North Carolina Jurisdiction and each customer class?

A. Yes. Schedule 2 of Company Exhibit TPS-1 presents the calculation of the proposed System Average Fuel Factor for the North Carolina Jurisdiction and for each customer class. On Schedule 2, Page 1, a system fuel expense level of $3,242,553,433 (as provided in Schedule 4 of Company Exhibit JDM-1) is divided by system sales of 93,919,976,874 kWh that reflect the normalization adjustments for change in usage, weather, and customer growth, and adjusted for the North Carolina regulatory fee. The result is a normalized system

average fuel factor of $0.034576/kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the jurisdictional Base Fuel Component by voltage to determine the class fuel factors are shown on Schedule 2, Page 2. They are consistent with the methodology used in the Company's most recent fuel case (Docket No. E-22, Sub 644). The Base Fuel Component for each class determined in Docket No. E-22, Sub 644 is shown in Column 8 of Schedule 2, Page 2. Fuel Cost Rider A is calculated in Column 9 of Schedule 2, Page 2.

Q. The Test Period for the growth and weather normalization adjustments is different than in years past, please describe and justify that difference?

A. The Company's transition to a new customer information platform has resulted in delays in the availability of sales information in the formats required for input to the models which determine the change in usage, weather normalization, and customer growth. In an effort to produce an accurate adjustment in a timely manner for the current proceeding, the Company developed the normalization adjustments using the 12 months ended March 31, 2023. It is important to note that the 12 months used for the normalization adjustments are only used for the purpose of producing the adjustments for change in usage, weather normalization, and customer growth as well as the class breakdown of the total Test Period sales. The methodology for applying the adjustments has not changed.

Q. Mr. Stuller, would you address the final stipulation mitigation methodology from last year's fuel proceeding, Docket No. E-22, Sub 644?

A. The final mitigation methodology approved by the Commission was a special treatment of the August 31, 2022, under-recovery of $66,729,993 for all customer classes. The treatment was termed "Stepped Mitigation." Stepped Mitigation resulted in a "Step 1" Rider B rate ($0.004764) that significantly reduced the "Full Recovery" rate for the rate year beginning February 1, 2023 which would remain in place for the first six months of the fuel rate year. The "Step 2" rate, which became effective August 1, 2023 and remains in place for the second six months of the fuel rate year is the fully supported Rider B rate for the period ($0.01597). This mitigation was expected to leave a significant portion of the original EMF balance from August 31, 2022 unrecovered during the 2023 fuel rate year. In order to separate the under recovery due to mitigation from the recovery of current period expense that will be recovered through Rider B, the Company is proposing rates to recover the projected remaining balance of the prior period fuel expense, through a mechanism termed "Rider B1," in the 2024 fuel year. In the 2024 fuel proceeding, the Company will establish Rider B1 rates to recover or refund during the 2025 fuel year any final over or under-recovery of the August 31, 2022, balance.

Q. Please describe the Experience Modification Factor, Rider B.

A. Schedule 3 of Company Exhibit TPS-1 presents the calculation of the proposed EMF Rider B applicable to the North Carolina Jurisdiction and the resulting factors for each customer class. Schedule 3, Page 1, shows the

calculation of the proposed uniform EMF applicable to the North Carolina Jurisdiction. The total under-recovered current period fuel expense, for the period September 1, 2022, through June 30, 2023, of $17,578,384 (as provided in Schedule 2 of Company Exhibit AJM-1) was not adjusted for interest. The total net balance of $17,578,384 was then divided by North Carolina test year sales of 4,013,280,667 kWh which have been adjusted for change in usage, weather, and customer growth. After being adjusted for the North Carolina regulatory fee, the result is a uniform EMF of $0.004386/kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the uniform factor by voltage to determine the class factors are shown on Schedule 3, Page 2. The resulting EMF for each class is shown in Column 7 of Schedule 3, Page 2.

Q. Do you have a schedule that shows the projected outstanding balance to be recovered through the proposed Rider B1 mechanism?

A. Yes. Schedule 4 of Company Exhibit TPS-1 shows the projected recovery of prior period expense through the remainder of the 2023 fuel rate year.

Q. Do you have a schedule that shows the derivation of the proposed Rider B1 rates?

A. Yes. Schedule 5, Pages 1 and 2, of Company Exhibit TPS-1 shows the calculation of Rider B1 rates based on the projected balance calculated in Schedule 4. The methodology to determine the Rider B1 class factors is the same as the methodology used to determine the Rider B rates, shown in my Schedule 3 and described above. The total projected January 31, 2024

balance of $26,638,591 was then divided by North Carolina test year sales of 4,013,280,667 kWh which have been adjusted for change in usage, weather, and customer growth. After being adjusted for the North Carolina regulatory fee, the result is a uniform EMF of $0.006648 /kWh, applicable to the North Carolina Jurisdiction. The calculations used to differentiate the uniform factor by voltage to determine the class factors are shown on Schedule 5, Page 2. The resulting EMF for each class is shown in Column 7 of Schedule 5, Page 2.

Q. Please provide a summary of the total fuel factors that the Company is requesting in this case for each class to become effective February 1, 2024.

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

Customer Class	Total
Residential	$0.046083
SGS & PA	$0.046040
LGS	$0.045714
Schedule NS	$0.044300
6VP	$0.044938
Outdoor Lighting	$0.046083
Traffic	$0.046083

A comparison of the present and proposed total rates for each class is shown on Schedule 6, Pages 1 and 2, of Company Exhibit TPS-1.

Q. Do you have a schedule that shows the total fuel revenue recovery by class and for the North Carolina Jurisdiction for the 2024 Rate Year?

A. Yes. Schedule 7 of Company Exhibit TPS-1 shows the total fuel revenue recovery by class and for the North Carolina Jurisdiction for the 2024 Rate Year. For the North Carolina Jurisdiction, the proposed jurisdictional fuel cost levels result in a total fuel recovery decrease of $4,322,303.

Q. Have you included in your exhibit revisions to the Fuel Cost Rider A and EMF Rider B as well as Rider B1 to reflect the Company's proposed total fuel factors, to be effective February 1, 2024?

A. Yes. Schedules 8, 9, and 10 of Company Exhibit TPS-1 provide the revised Fuel Charge Rider A and EMF Rider B as well as Rider B1 that the Company proposes to become effective on and after February 1, 2024.

Q. Mr. Stuller, would you explain how these proposed changes in the fuel factor will affect customers' bills? Use bill amounts as of August 1, 2023 as a point of reference.

A. For Rate Schedule 1 (residential), for a customer using 1,000 kWh per month, the weighted monthly residential bill (four summer months and eight base months) would decrease by $1.11 from $137.44 to $136.33, or by 0.8%. For Rate Schedule 5 (small general service), for a customer using 12,500 kWh per month and 50 kW of demand, the weighted monthly bill (four summer months and eight base months) would decrease by $13.56 from $1,403.33 to $1,389.77, or by 1.0%. For Rate Schedule 6P (large general service), for a primary voltage customer using 576,000 kWh (259,200 kWh on-peak and

316,800 kWh off-peak) per month and 1,000 kW of demand, the monthly bill would decrease by $614.02 from $53,036.63 to $52,422.61, or by 1.2%. For Rate Schedule 6L (large general service), for a primary voltage customer using 6,000,000 kWh (2,400,000 kWh on-peak and 3,600,000 kWh off-peak) per month and 10,000 kW of demand, the monthly bill would decrease by $6,396.00 from $518,678.31 to $512,282.31, or by 1.2%.

Q. Does this conclude your testimony?

A. Yes, it does.

BACKGROUND AND QUALIFICATIONS OF TIMOTHY P. STULLER

Timothy P. Stuller, Jr. holds a Bachelor of Science degree in Economics and Business from Randolph – Macon College and a Master of Business Administration from Virginia Commonwealth University. In 2007, Mr. Stuller joined Dominion Energy as a Regulatory Accounting Analyst I. In 2009, Mr. Stuller moved to the Customer Rates department as Regulatory Analyst II. Since 2009, Mr. Stuller has held various roles in the Customer Rates department including cost of service study development, analysis of rates and tariffs, supporting non-jurisdictional contracts, and generally supporting regulatory filings. Most recently, Mr. Stuller's primary responsibility was analysis and design of rates to recover fuel costs for customers across the Dominion Energy Virginia and Dominion Energy North Carolina systems. On July 1, 2023, Mr. Stuller assumed his current role, Manager-Regulation, and will be responsible for tariff implementation and the negotiation and administration of the Company's wholesale and large customer sales contracts.

Mr. Stuller has previously testified before the North Carolina Utilities Commission and the Virginia State Corporation Commission.

SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION, AND CUSTOMER GROWTH

TWELVE MONTHS ENDED MARCH 31, 2023

SYSTEM

LINE	JURISDICTION	CHANGE IN USAGE KWH	WEATHER NORM. KWH	CUSTOMER GROWTH KWH	TOTAL KWH
1)	NORTH CAROLINA (A)	11,031,055	33,962,412	26,031,200	71,024,667
2)	VIRGINIA	3,516,310,283	550,500,198	182,615,271	4,249,425,752
3)	COUNTY & MUNICIPAL	58,803,470	2,572,908	117,275,581	178,651,959
4)	STATE	58,842,134	(21,357,555)	67,376,434	104,861,013
5)	MS / FEDERAL GOVERNMENT	0	0	0	0
7)	FERC	0	28,711,483	0	28,711,483
8)	SYSTEM KWH AT SALES LEVEL	3,644,986,942	594,389,446	393,298,486	4,632,674,874
9)	SUBTOTAL - SYSTEM KWH AT GENERATION LEVEL (LINE 8 x 2022 EXPANSION FACTOR) (B)				4,837,049,958

NOTES

( ) DENOTES NEGATIVE VALUE

(A) NORTH CAROLINA BY CLASS	CHANGE IN USAGE KWH	WEATHER NORM. KWH	CUSTOMER GROWTH KWH	TOTAL KWH
RESIDENTIAL	(21,878,674)	32,740,512	5,835,963	16,697,801
SGS / PA	(4,395,911)	1,221,900	12,029,591	8,855,580
LGS	(7,038,984)	0	6,693,017	(345,967)
NS	40,024,754	0	0	40,024,754
6VP	4,985,608	0	0	4,985,608
ODL & ST LTS	(664,401)	0	1,470,068	805,667
TRAFFIC	(1,337)	0	2,561	1,224
TOTAL	11,031,055	33,962,412	26,031,200	71,024,667

(B) 2022 SYSTEM EXPANSION FACTOR IS 1.044116

CORRECTED SEPTEMBER 27, 2023

DOMINION ENERGY NORTH CAROLINA
CALCULATION OF SYSTEM AVERAGE FUEL FACTOR
TWELVE MONTHS ENDED JUNE 30, 2023
TO BE EFFECTIVE FEBRUARY 1, 2024

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EXPENSE:	12 MONTH NORMALIZED SYSTEM FUEL EXPENSE (A)	$	3,242,553,433
SALES:	12 MONTHS SYSTEM KWH SALES ADJUSTED FOR CHANGE IN USAGE, WEATHER AND CUSTOMER GROWTH (B)		93,919,976,874
FEE:	NORTH CAROLINA REGULATORY FEE ADJUSTMENT FACTOR		1.001475

FACTOR = $\frac{\$3,242,553,433}{93,919,976,874}$ x 1.001475

FACTOR = $0.034576 / KWH (C) (D)

NOTES

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

(B)	SYSTEM KWH AT SALES LEVEL [COMPANY EXHIBIT AJM-1, SCHEDULE 3]	89,287,302,000
	PLUS: SYSTEM KWH USAGE, WEATHER, GROWTH ADJUSTMENT [COMPANY EXHIBIT NO. TPS-1, SCHEDULE 1, LINE 8]	4,632,674,874
	TOTAL SYSTEM SALES	93,919,976,874

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

(D) WITHOUT NC REGULATORY FEE $0.034525 /KWH

DOMINION ENERGY NORTH CAROLINA
CALCULATION OF FUEL COST RIDER A
TWELVE MONTHS ENDED JUNE 30, 2023
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CUSTOMER CLASS	KWH SALES (A)	SYSTEM FUEL FACTOR (B)	FUEL REVENUE UNIFORM RATE (1) x (2)	CLASS EXPANSION FACTOR	CLASS KWH @ GENERATION LEVEL (1) x (4)	JURISDICTIONAL UNIFORM RATE @ GENERATION LEVEL (3a) / (5a)	JURISDICTIONAL VOLTAGE DIFFERENTIATED RATE @ SALES LEVEL (4) x (6)	VOLTAGE DIFFERENTIATED BASE FUEL RATE	FUEL COST RIDER A RATE (7) - (8)
RESIDENTIAL	1,577,823,651	$0.034576	$54,554,831	1.053586	1,662,372,909	$0.033158	$0.034935	$0.021180	$0.013755
SGS & PA	762,250,648	$0.034576	$26,355,578	1.052612	802,354,179	$0.033158	$0.034903	$0.021150	$0.013753
LGS	631,266,126	$0.034576	$21,826,658	1.045160	659,774,105	$0.033158	$0.034655	$0.020980	$0.013675
SCHEDULE NS	733,864,312	$0.034576	$25,374,092	1.012814	743,268,049	$0.033158	$0.033583	$0.020360	$0.013223
6VP	284,558,909	$0.034576	$9,838,909	1.027402	292,356,392	$0.033158	$0.034067	$0.020650	$0.013417
OUTDOOR LIGHTING	23,121,607	$0.034576	$799,453	1.053586	24,360,601	$0.033158	$0.034935	$0.021180	$0.013755
TRAFFIC	395,414	$0.034576	$13,672	1.053586	416,603	$0.033158	$0.034935	$0.021180	$0.013755
TOTAL	4,013,280,667		$138,763,192 (3a)		4,184,902,838 (5a)				

NOTES

(A)

	TEST YR KWH	CHG IN USAGE, WEATHER CUST GROWTH ADJ	TOTAL*
RESIDENTIAL	1,561,125,850	16,697,801	1,577,823,651
SGS & PA	753,395,068	8,855,580	762,250,648
LGS	631,612,093	(345,967)	631,266,126
SCHEDULE NS	693,839,558	40,024,754	733,864,312
6VP	279,573,301	4,985,608	284,558,909
OUTDOOR LIGHTING	22,315,940	805,667	23,121,607
TRAFFIC	394,190	1,224	395,414
TOTAL	3,942,256,000	71,024,667	4,013,280,667

* 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 JUNE 30, 2023
TO BE EFFECTIVE FEBRUARY 1, 2024

EXPENSE:	SEPTEMBER 1, 2022 - JUNE 30, 2023 NC JURISDICTIONAL FUEL EXPENSE UNDER RECOVERY (A)	$17,578,384
INTEREST:		$0
NET:		$17,578,384
SALES:	12 MONTHS JURISDICTIONAL KWH SALES ADJUSTED FOR CHANGE IN USAGE, WEATHER, AND CUSTOMER GROWTH (B)	4,013,280,667
FACTOR (Excl. Reg Fee) =	$0.004380 / KWH (C)	
FEE:	NORTH CAROLINA REGULATORY FEE ADJUSTMENT FACTOR	1.001475

FACTOR ADJUSTED FOR REG FEE = $\frac{\$17,578,384}{4,013,280,667} \times 1.001475$

FACTOR (Incl. Reg Fee) = $0.004386 / KWH (D)

NOTES

(A) FROM COMPANY EXHIBIT NO. AJM-1 SCHEDULE 2

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

(C) WITHOUT NC REGULATORY FEE $0.004380 /KWH

(D) WITH NC REGULATORY FEE $0.004386 /KWH

DOMINION ENERGY NORTH CAROLINA
CALCULATION OF EXPERIENCE MODIFICATION FACTOR - RIDER B
TWELVE MONTHS ENDED JUNE 30, 2023
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
CUSTOMER CLASS	KWH SALES (A)	NC JURISDICTIONAL EMF EXCLUDING REGULATORY FEE (B)	FUEL REVENUE UNIFORM EMF EXCLUDING REGULATORY FEE (1) x (2)				
RESIDENTIAL	1,577,823,651	$0.004380	$6,910,952				
SGS & PA	762,250,648	$0.004380	$3,338,699				
LGS	631,266,126	$0.004380	$2,764,979				
SCHEDULE NS	733,864,312	$0.004380	$3,214,365				
6VP	284,558,909	$0.004380	$1,246,383				
OUTDOOR LIGHTING	23,121,607	$0.004380	$101,274				
TRAFFIC	395,414	$0.004380	$1,732				
TOTAL	4,013,280,667		$17,578,384				

CUSTOMER CLASS	KWH SALES (A)	NC JURISDICTIONAL EMF INCLUDING REGULATORY FEE (B)	FUEL REVENUE UNIFORM EMF INCLUDING REGULATORY FEE (1) x (2)		CLASS EXPANSION FACTOR	CLASS KWH @ GENERATION LEVEL (1) x (4)		UNIFORM EMF @ GENERATION LEVEL (3a) / (5a)	VOLTAGE DIFFERENTIATED EMF @ SALES LEVEL (4) x (6)
RESIDENTIAL	1,577,823,651	$0.004386	$6,920,335		1.053586	1,662,372,909		$0.004206	$0.004431
SGS & PA	762,250,648	$0.004386	$3,343,231		1.052612	802,354,179		$0.004206	$0.004427
LGS	631,266,126	$0.004386	$2,768,733		1.045160	659,774,105		$0.004206	$0.004396
SCHEDULE NS	733,864,312	$0.004386	$3,218,729		1.012814	743,268,049		$0.004206	$0.004260
6VP	284,558,909	$0.004386	$1,248,075		1.027402	292,356,392		$0.004206	$0.004321
OUTDOOR LIGHTING	23,121,607	$0.004386	$101,411		1.053586	24,360,601		$0.004206	$0.004431
TRAFFIC	395,414	$0.004386	$1,734		1.053586	416,603		$0.004206	$0.004431
TOTAL	4,013,280,667		$17,602,249	(3a)		4,184,902,838	(5a)		

NOTES

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

(B) IN $/KWH

PRIOR PERIOD FUEL EXPENSE RECOVERY ESTIMATE
JULY 2023 THROUGH JANUARY 2024

2023-2024	(1) FORECASTED NORTH CAROLINA JURISDICTION KWH SALES (A)	(2) PRIOR PERIOD FUEL FACTOR RIDER B (B)	(3) NORTH CAROLINA JURISDICTION PRIOR PD. RECOVERY	(4) CUMULATIVE PRIOR PD. RECOVERY
JULY 31, 2023 EMF BALANCE: (C)				$ 57,414,755
AUGUST 2023	341,316,531	$ 0.015976	$ 5,452,873	$ 51,961,882
SEPTEMBER 2023	329,709,198	$ 0.015976	$ 5,267,434	$ 46,694,448
OCTOBER 2023	297,413,541	$ 0.015976	$ 4,751,479	$ 41,942,969
NOVEMBER 2023	310,397,394	$ 0.015976	$ 4,958,909	$ 36,984,060
DECEMBER 2023	359,609,744	$ 0.015976	$ 5,745,125	$ 31,238,935
JANUARY 2024	287,953,467	$ 0.015976	$ 4,600,345	$ 26,638,591
TOTAL	1,926,399,875			

( ) Denotes Over-Recovery
(A) Monthly kWh sales information from the Company's internal forecast
(B) Jurisdictional Rider B Rate Level August 1, 2023 - January 31, 2024.
(C) The July 31, 2023 EMF Balance is derived from rate year revenue presented in Company Exhibit AJM-1 Schedule 4 and the approved August 31, 2022 EMF balance of $66,729,993

DOMINION ENERGY NORTH CAROLINA
CALCULATION OF EXPERIENCE MODIFICATION FACTOR - RIDER B1
PROJECTED REMAINDER OF JULY 1, 2021 - AUGUST 31, 2022 NC JURISDICTIONAL
TO BE EFFECTIVE FEBRUARY 1, 2024

EXPENSE:	PROJECTED REMAINDER OF JULY 1, 2021 - AUGUST 31, 2022 NC JURISDICTIONAL FUEL EXPENSE UNDER RECOVERY (A)	$26,638,591
INTEREST:		$0
NET:		$26,638,591
SALES:	12 MONTHS JURISDICTIONAL KWH SALES ADJUSTED FOR CHANGE IN USAGE, WEATHER, AND CUSTOMER GROWTH (B)	4,013,280,667
FACTOR (Excl. Reg Fee) =	$0.006638 / KWH (C)	
FEE:	NORTH CAROLINA REGULATORY FEE ADJUSTMENT FACTOR	1.001475

FACTOR ADJUSTED FOR REG FEE = $\frac{\$26,638,591}{4,013,280,667}$ x 1.001475

FACTOR (Incl. Reg Fee) = $0.006648 / KWH (D)

NOTES

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

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

(C) WITHOUT NC REGULATORY FEE $0.006638 /KWH

(D) WITH NC REGULATORY FEE $0.006648 /KWH

DOMINION ENERGY NORTH CAROLINA
CALCULATION OF EXPERIENCE MODIFICATION FACTOR - RIDER B1
PROJECTED REMAINDER OF JULY 1, 2021 - AUGUST 31, 2022 NC JURISDICTIONAL
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)
CUSTOMER CLASS	KWH SALES (A)	NC JURISDICTIONAL EMF EXCLUDING REGULATORY FEE (B)	FUEL REVENUE UNIFORM EMF EXCLUDING REGULATORY FEE (1) x (2)
RESIDENTIAL	1,577,823,651	$0.006638	$10,472,978
SGS & PA	762,250,648	$0.006638	$5,059,522
LGS	631,266,126	$0.006638	$4,190,098
SCHEDULE NS	733,864,312	$0.006638	$4,871,105
6VP	284,558,909	$0.006638	$1,888,791
OUTDOOR LIGHTING	23,121,607	$0.006638	$153,472
TRAFFIC	395,414	$0.006638	$2,625
TOTAL	4,013,280,667		$26,638,591

CUSTOMER CLASS	KWH SALES (A)	NC JURISDICTIONAL B1 EMF INCLUDING REGULATORY FEE (B)	FUEL REVENUE UNIFORM B1 EMF INCLUDING REGULATORY FEE (1) x (2)	CLASS EXPANSION FACTOR	CLASS KWH @ GENERATION LEVEL (1) x (4)	UNIFORM B1 EMF @ GENERATION LEVEL (3a) / (5a)	VOLTAGE DIFFERENTIATED B1 EMF @ SALES LEVEL (4) x (6)
RESIDENTIAL	1,577,823,651	$0.006648	$10,489,372	1.053586	1,662,372,909	$0.006375	$0.006717
SGS & PA	762,250,648	$0.006648	$5,067,442	1.052612	802,354,179	$0.006375	$0.006710
LGS	631,266,126	$0.006648	$4,196,657	1.045160	659,774,105	$0.006375	$0.006663
SCHEDULE NS	733,864,312	$0.006648	$4,878,730	1.012814	743,268,049	$0.006375	$0.006457
6VP	284,558,909	$0.006648	$1,891,748	1.027402	292,356,392	$0.006375	$0.006550
OUTDOOR LIGHTING	23,121,607	$0.006648	$153,712	1.053586	24,360,601	$0.006375	$0.006717
TRAFFIC	395,414	$0.006648	$2,629	1.053586	416,603	$0.006375	$0.006717
TOTAL	4,013,280,667		$26,680,290 (3a)		4,184,902,838 (5a)		

NOTES

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

(B) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 5, PAGE 1

DOMINION ENERGY NORTH CAROLINA
TOTAL FUEL COST LEVEL - PRESENT AND PROPOSED
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)	(4)	(5)
NC JURISDICTION	BASE FUEL COMPONENT $/KWH	RIDER A FUEL CHARGE $/KWH	RIDER B EMF $/KWH	RIDER B1 EMF $/KWH	TOTAL FUEL RATE $/KWH
PRESENT	$0.020920	$0.009791	$0.015976	$0.000000	$0.046687
PROPOSED	$0.020920	$0.013656	$0.004386	$0.006648	$0.045610
CHANGE	$0.000000	$0.003865	($0.011590)	$0.006648	($0.001077)

	BASE FUEL COMPONENT	RIDER A FUEL CHARGE	RIDER B EMF	RIDER B1 EMF	TOTAL FUEL RATE
RESIDENTIAL	$/KWH	$/KWH	$/KWH	$/KWH	$/KWH
PRESENT	$0.021180	$0.009861	$0.016147	$0.000000	$0.047188
PROPOSED	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083
CHANGE	$0.000000	$0.003894	($0.011716)	$0.006717	($0.001105)

	BASE FUEL COMPONENT	RIDER A FUEL CHARGE	RIDER B EMF	RIDER B1 EMF	TOTAL FUEL RATE
SGS & PA	$/KWH	$/KWH	$/KWH	$/KWH	$/KWH
PRESENT	$0.021150	$0.009849	$0.016126	$0.000000	$0.047125
PROPOSED	$0.021150	$0.013753	$0.004427	$0.006710	$0.046040
CHANGE	$0.000000	$0.003904	($0.011699)	$0.006710	($0.001085)

	BASE FUEL COMPONENT	RIDER A FUEL CHARGE	RIDER B EMF	RIDER B1 EMF	TOTAL FUEL RATE
LGS	$/KWH	$/KWH	$/KWH	$/KWH	$/KWH
PRESENT	$0.020980	$0.009792	$0.016008	$0.000000	$0.046780
PROPOSED	$0.020980	$0.013675	$0.004396	$0.006663	$0.045714
CHANGE	$0.000000	$0.003883	($0.011612)	$0.006663	($0.001066)

NOTES

( ) DENOTES NEGATIVE VALUE

DOMINION ENERGY NORTH CAROLINA POWER
TOTAL FUEL COST LEVEL - PRESENT AND PROPOSED
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)	(4)	(5)
SCHEDULE NS	BASE FUEL COMPONENT $/KWH	RIDER A FUEL CHARGE $/KWH	RIDER B EMF $/KWH	RIDER B1 EMF $/KWH	TOTAL FUEL RATE $/KWH
PRESENT	$0.020360	$0.009482	$0.015524	$0.000000	$0.045366
PROPOSED	$0.020360	$0.013223	$0.004260	$0.006457	$0.044300
CHANGE	$0.000000	$0.003741	($0.011264)	$0.006457	($0.001066)
6VP	BASE FUEL COMPONENT $/KWH	RIDER A FUEL CHARGE $/KWH	RIDER B EMF $/KWH	RIDER B1 EMF $/KWH	TOTAL FUEL RATE $/KWH
PRESENT	$0.020650	$0.009621	$0.015747	$0.000000	$0.046018
PROPOSED	$0.020650	$0.013417	$0.004321	$0.006550	$0.044938
CHANGE	$0.000000	$0.003796	($0.011426)	$0.006550	($0.001080)
OUTDOOR LIGHTING	BASE FUEL COMPONENT $/KWH	RIDER A FUEL CHARGE $/KWH	RIDER B EMF $/KWH	RIDER B1 EMF $/KWH	TOTAL FUEL RATE $/KWH
PRESENT	$0.021180	$0.009861	$0.016147	$0.000000	$0.047188
PROPOSED	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083
CHANGE	$0.000000	$0.003894	($0.011716)	$0.006717	($0.001105)
TRAFFIC	BASE FUEL COMPONENT $/KWH	RIDER A FUEL CHARGE $/KWH	RIDER B EMF $/KWH	RIDER B1 EMF $/KWH	TOTAL FUEL RATE $/KWH
PRESENT	$0.021180	$0.009861	$0.016147	$0.000000	$0.047188
PROPOSED	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083
CHANGE	$0.000000	$0.003894	($0.011716)	$0.006717	($0.001105)

NOTES

( ) DENOTES NEGATIVE VALUE

DOMINION ENERGY NORTH CAROLINA
TOTAL FUEL RECOVERY
TWELVE MONTHS ENDED JUNE 30, 2023
TO BE EFFECTIVE FEBRUARY 1, 2024

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
CUSTOMER CLASS	SALES(KWH)	BASE FUEL COMPONENT (A)	FUEL COST RIDER A (B)	EMF RIDER B (C)	EMF RIDER B1 (D)	TOTAL (2) + (3) + (4) + (5)	TOTAL REVENUE (1) x (6)
RESIDENTIAL	1,577,823,651	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083	$72,710,847
SGS & PA	762,250,648	$0.021150	$0.013753	$0.004427	$0.006710	$0.046040	$35,094,020
LGS	631,266,126	$0.020980	$0.013675	$0.004396	$0.006663	$0.045714	$28,857,700
SCHEDULE NS	733,864,312	$0.020360	$0.013223	$0.004260	$0.006457	$0.044300	$32,510,189
6VP	284,558,909	$0.020650	$0.013417	$0.004321	$0.006550	$0.044938	$12,787,508
OUTDOOR LIGHTING	23,121,607	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083	$1,065,513
TRAFFIC	395,414	$0.021180	$0.013755	$0.004431	$0.006717	$0.046083	$18,222
TOTAL	4,013,280,667						$183,043,999

	SALES(KWH)	BASE FUEL COMPONENT	FUEL COST RIDER A	EMF RIDER B	EMF RIDER B1	TOTAL (2) + (3) + (4) + (5)	TOTAL REVENUE (1) x (6)
NORTH CAROLINA JURISDICTION	4,013,280,667	$0.020920	$0.013656	$0.004386	$0.006648	$0.045610	$183,045,731

	SALES(KWH)	PRESENT TOTAL RATE	PROPOSED TOTAL RATE	TOTAL CHANGE (3) - (2)	TOTAL REVENUE CHANGE (4) x (1)
NORTH CAROLINA JURISDICTION REVENUE CHANGE	4,013,280,667	$0.046687	$0.045610	($0.001077)	($4,322,303)

NOTES

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

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

(C) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 3, PAGE 2

(D) FROM COMPANY EXHIBIT NO. TPS-1 SCHEDULE 5, PAGE 2

Revised 09/26/23

DOMINION ENERGY NORTH CAROLINA
ENERGY AND FUEL EXPENSES

Normalized and Adjusted Energy and Fuel Expense based on Actual 12-Months Ended June 2023
(Company Ownership Only)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)
	12-Months Ended June 2023							June 2023				
	Expense ($)	Generation (MWh)	Rate ($/MWh)	Supply (%)	Ratio of Coal CT & CC & Other MWH To Total Sum	Coal, Oil, CT & CC, Other, Nuclear Adj. and Growth MWh	Adjusted Generation (MWh)	Expense ($)	Generation (MWh)	Rate ($/MWh)		Normalized & Adjusted Fuel Expense at Applicable Rate (8) x (11)
Coal (1)	275,837,306	6,512,101	42.36	7.1	0.1048	65,815,682	6,899,590	22,717,262	458,862	42.36	(4)	292,266,632
Nuclear												
Surry	76,889,991	13,483,876	5.70	14.7			12,671,140	6,280,917	922,551			
North Anna	76,817,661	12,783,170	6.01	13.9			13,910,410	6,501,472	1,229,589			
Total Nuclear	153,707,653 (3)	26,267,045	5.85	28.7			26,581,550	12,782,389	2,152,140	5.85	(4)	155,502,068
Heavy Oil	743,460	15,552	47.80	0.0				0	0	47.80	(4)	0
CC & CT (2)	1,592,368,933	35,360,623	45.03	38.6	0.5692	65,815,682	37,464,853	68,000,622	3,247,848	45.03	(4)	1,687,042,331
Hydro	0	3,012,451		3.3			3,012,451	0	323,810			0
Solar	0	797,131		0.9			1,638,661		79,290			
Power Transactions												
PPA Fuel	170,768,837	2,712,291	62.96	3.0			2,712,291	13,557,798	263,173	62.96	(4)	170,768,837
PPA Blend and Extend Adj												200,000
PJM Purchases	923,164,892	20,246,390	45.60	22.1	0.3259	65,815,682	21,451,239	15,009,851	1,796,597	45.60	(5)	978,101,811
Marketer Percentage Adjustment (68%)										-1.93		(41,328,246)
Net	1,093,933,729	22,958,681	47.65	25.1			24,163,530	28,567,648	2,059,770			1,107,742,403
Pumping	0	(3,271,343)		-3.6			(3,271,343)	0	(374,730)			0
Energy Supply	3,116,591,080	91,652,242	34.00	100.0			96,489,292	132,067,922	7,946,990	33.61		3,242,553,433

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

(1) Coal includes wood generation
(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 expense
(5) Purchases include 71% of the fuel expense and the impact of the FTRs

VIRGINIA ELECTRIC AND POWER COMPANY
SUMMARY OF REGRESSION ANALYSIS
TWELVE MONTHS ENDED MARCH 31, 2023

JURISDICTION / CLASS	PERIOD MONTHS	CURVE TYPE	R-SQUARE	ACTUAL END OF PERIOD CUSTOMERS	PREDICTED END OF PERIOD CUSTOMERS	
NORTH CAROLINA						
RESIDENTIAL - 1	36	POLYNOMIAL	0.9932	108,026	108,085	
COMMERCIAL - 7	36	POLYNOMIAL	0.9856	52	53	
OUTDOOR LIGHTING - 26	36	POLYNOMIAL	0.9941	12,766	12,785	
STREET LIGHTS - 26	36	POLYNOMIAL	0.7699	333	323	
TRAFFIC LIGHTS - 26	36	POLYNOMIAL	0.9492	196	196	
PUBLIC AUTHORITY - 30	36	POLYNOMIAL	0.7486	1,448	1,393	
PUBLIC AUTHORITY - 42	36	POLYNOMIAL	0.7290	947	923	
COMMERCIAL - 5	36	POLYNOMIAL	0.8815	16,020	16,081	
COMMERCIAL - 6	36	POLYNOMIAL	0.6753	32	32	
INDUSTRIAL - 5	36	POLYNOMIAL	0.9477	21	22	
INDUSTRIAL - 6	36	POLYNOMIAL	0.4152	22	22	
INDUSTRIAL - 6VP	36	-NA-		3	3	#
INDUSTRIAL - NS	36	-NA-		1	1	#
VIRGINIA						
RESIDENTIAL - 1	36	POLYNOMIAL	0.9986	2,346,730	2,345,810	
COMMERCIAL - 7	36	POLYNOMIAL	0.9928	315	315	
OUTDOOR LIGHTING - 26	36	POLYNOMIAL	0.9919	56,147	56,139	
CHURCHES	36	POLYNOMIAL	0.9236	3,010	3,008	
COMMERCIAL	36	POLYNOMIAL	0.9708	230,060	230,206	
INDUSTRIAL	36	POLYNOMIAL	0.5352	543	546	
INDUSTRIAL - 56-235.2	36	-NA-		0	0	#
COUNTY						
COUNTY ML&P	36	POLYNOMIAL	0.9281	4,676	4,653	
MUNICIPAL ML&P	36	POLYNOMIAL	0.9424	16,860	16,880	
COUNTY/MUNI STREET LIGHTS	36	POLYNOMIAL	0.9767	1,600	1,594	
COUNTY/MUNI TRAFFIC LIGHTS	36	POLYNOMIAL	0.9703	1,300	1,292	
STATE						
MISCELLANEOUS	36	POLYNOMIAL	0.8642	5,516	5,517	
STREET LIGHTS	36	POLYNOMIAL	0.1428	218	231	
TRAFFIC LIGHTS	36	POLYNOMIAL	0.9824	1,728	1,737	
MS - GOVT. SERVICE	36	POLYNOMIAL	0.8747	1,881	1,851	

 # ACTUAL CUSTOMERS USED IN THESE RATE SCHEDULES

VIRGINIA ELECTRIC AND POWER COMPANY
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
SYSTEM

Obs	JURISDICTION	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH	TOTAL KWH SALES AT GENERATION LEVEL
1	NORTH CAROLINA	-77,954,082	33,962,412	26,031,200	-17,960,470	-18,752,814
2	VIRGINIA	3,516,310,283	550,500,198	182,615,271	4,249,425,752	4,436,893,419
3	COUNTY/MUNICIPAL	58,803,470	2,572,908	117,275,581	178,651,959	186,533,368
4	STATE	58,842,134	-21,357,555	67,376,434	104,861,013	109,487,061
5	MS - GOVERNMENTAL	-432,548,823	440,204,543	438,220,698	445,876,418	465,546,702
6	FERC	0	28,711,483	0	28,711,483	29,978,119
7	ODEC	0	0	0	0	0
		3,123,452,982	1,034,593,989	831,519,184	4,989,566,155	5,209,685,855

SALES AT GENERATION LEVEL EQUALS TOTAL KWH TIMES THE 2022 SYSTEM EXPANSION FACTOR OF 1.044116

NORTH CAROLINA POWER
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
NORTH CAROLINA JURISDICTIONAL

Obs	TYPE	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH
1	NC RESIDENTIAL	-21,878,674	32,740,512	5,835,963	16,697,801
2	NC SCHEDULE 7	11,536	19,757	-15,880	15,413
3	NC OUTDOOR LIGHTING	-556,295	0	32,503	-523,792
4	NC STREET LIGHTS	-108,106	0	1,437,565	1,329,459
5	NC TRAFFIC LIGHTS	-1,337	0	2,561	1,224
6	NC PUBLIC AUTHORITY	-235,105	-117,796	18,713,029	18,360,128
7	NC SCHEDULE 42	-490,911	770,925	6,316,058	6,596,072
8	NC COMMERCIAL - 5	-1,684,276	370,925	-13,034,283	-14,347,634
9	NC COMMERCIAL - 6	7,582,397	0	-10,904,031	-3,321,634
10	NC INDUSTRIAL - 5	-1,997,155	178,089	50,667	-1,768,399
11	NC INDUSTRIAL - 6	-14,621,381	0	17,597,048	2,975,667
12	NC INDUSTRIAL - 6VP	4,985,608	0	0	4,985,608
13	NC INDUSTRIAL - NUCOR	-48,960,383	0	0	-48,960,383
		-77,954,082	33,962,412	26,031,200	-17,960,470

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCRES
RESIDENTIAL
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	111,628	106,616	1,047					
2	2021	5	84,309	106,680	790					
3	2021	6	124,386	106,839	1,164					
4	2021	7	158,301	106,934	1,480					
5	2021	8	169,140	106,993	1,581					
6	2021	9	158,594	107,084	1,481					
7	2021	10	116,492	107,064	1,088					
8	2021	11	78,232	106,972	731					
9	2021	12	158,729	107,041	1,483					
10	2022	1	144,765	107,176	1,351					
11	2022	2	178,921	107,236	1,668					
12	2022	3	151,376	107,271	1,411	1,634,873	15,276		107,293	
13	2022	4	102,706	107,293	957					
14	2022	5	97,032	107,314	904					
15	2022	6	132,032	107,436	1,229					
16	2022	7	145,012	107,485	1,349					
17	2022	8	182,539	107,541	1,697					
18	2022	9	143,880	107,698	1,336					
19	2022	10	108,190	107,679	1,005					
20	2022	11	85,788	107,795	796					
21	2022	12	129,902	107,928	1,204					
22	2023	1	184,111	107,960	1,705					
23	2023	2	156,880	107,934	1,453					
24	2023	3	133,484	108,026	1,236	1,601,558	14,872	-405	108,085	-21,878,674

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCRES
RESIDENTIAL
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	102,706	101,199	1,507			
2	2022	5	97,032	98,197	-1,165			
3	2022	6	132,032	138,355	-6,323			
4	2022	7	145,012	150,129	-5,117			
5	2022	8	182,539	189,405	-6,866			
6	2022	9	143,880	151,275	-7,395			
7	2022	10	108,190	108,094	96			
8	2022	11	85,788	80,047	5,741			
9	2022	12	129,902	130,652	-750			
10	2023	1	184,111	169,502	14,609			
11	2023	2	156,880	129,308	27,572			
12	2023	3	133,484	122,654	10,830	1,601,558	1,568,817	32,740,512

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNCRES

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	107,345	107,293	792	102,706	957	758,140	
2	2022	5	107,398	107,314	771	97,032	904	697,129	
3	2022	6	107,451	107,436	649	132,032	1,229	797,579	
4	2022	7	107,506	107,485	600	145,012	1,349	809,482	
5	2022	8	107,563	107,541	544	182,539	1,697	923,380	
6	2022	9	107,623	107,698	387	143,880	1,336	517,016	
7	2022	10	107,687	107,679	406	108,190	1,005	407,927	
8	2022	11	107,754	107,795	290	85,788	796	230,795	
9	2022	12	107,827	107,928	157	129,902	1,204	188,965	
10	2023	1	107,906	107,960	125	184,111	1,705	213,170	
11	2023	2	107,992	107,934	151	156,880	1,453	219,476	
12	2023	3	108,085	108,026	59	133,484	1,236	72,904	5,835,963
				1,292,089	4,931				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNC78
SCHEDULE 7
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	73	65	1,122					
2	2021	5	42	64	660					
3	2021	6	57	63	902					
4	2021	7	87	63	1,374					
5	2021	8	109	63	1,726					
6	2021	9	109	62	1,763					
7	2021	10	71	61	1,163					
8	2021	11	41	60	690					
9	2021	12	100	59	1,696					
10	2022	1	93	59	1,569					
11	2022	2	146	59	2,471					
12	2022	3	101	57	1,765	1,028	16,902		57	
13	2022	4	56	57	985					
14	2022	5	44	55	798					
15	2022	6	56	54	1,040					
16	2022	7	83	54	1,529					
17	2022	8	119	54	2,198					
18	2022	9	77	54	1,426					
19	2022	10	66	54	1,227					
20	2022	11	38	54	704					
21	2022	12	82	54	1,525					
22	2023	1	122	54	2,261					
23	2023	2	111	53	2,096					
24	2023	3	81	52	1,549	935	17,337	435	53	11,536

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNC78
SCHEDULE 7
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	56	55	1			
2	2022	5	44	45	-1			
3	2022	6	56	63	-7			
4	2022	7	83	88	-5			
5	2022	8	119	126	-7			
6	2022	9	77	85	-8			
7	2022	10	66	65	1			
8	2022	11	38	34	4			
9	2022	12	82	83	-1			
10	2023	1	122	110	12			
11	2023	2	111	89	22			
12	2023	3	81	72	9	935	915	19,757

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNC78

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	57	57	-4	56	982	-3,930	
2	2022	5	56	55	-2	44	800	-1,600	
3	2022	6	55	54	-1	56	1,037	-1,037	
4	2022	7	55	54	-1	83	1,537	-1,537	
5	2022	8	54	54	-1	119	2,204	-2,204	
6	2022	9	54	54	-1	77	1,426	-1,426	
7	2022	10	53	54	-1	66	1,222	-1,222	
8	2022	11	53	54	-1	38	704	-704	
9	2022	12	53	54	-1	82	1,519	-1,519	
10	2023	1	53	54	-1	122	2,259	-2,259	
11	2023	2	53	53	0	111	2,094	0	
12	2023	3	53	52	1	81	1,558	1,558	-15,880
				649	-13				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCLTS
OUTDOOR LIGHTING
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	1,378	12,539	110					
2	2021	5	1,280	12,561	102					
3	2021	6	1,468	12,576	117					
4	2021	7	1,367	12,588	109					
5	2021	8	1,412	12,610	112					
6	2021	9	1,394	12,611	111					
7	2021	10	1,359	12,635	108					
8	2021	11	1,176	12,641	93					
9	2021	12	1,475	12,645	117					
10	2022	1	1,331	12,671	105					
11	2022	2	1,220	12,684	96					
12	2022	3	1,475	12,707	116	16,335	1,294		12,699	
13	2022	4	1,265	12,705	100					
14	2022	5	1,330	12,713	105					
15	2022	6	1,343	12,716	106					
16	2022	7	1,274	12,735	100					
17	2022	8	1,374	12,752	108					
18	2022	9	1,346	12,762	105					
19	2022	10	1,275	12,778	100					
20	2022	11	1,225	12,783	96					
21	2022	12	1,283	12,809	100					
22	2023	1	1,286	12,825	100					
23	2023	2	1,096	12,758	86					
24	2023	3	1,304	12,766	102	15,401	1,207	-87	12,785	-556,295

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCLTS
OUTDOOR LIGHTING
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	1,265	
2	2022	5	1,330	
3	2022	6	1,343	
4	2022	7	1,274	
5	2022	8	1,374	
6	2022	9	1,346	
7	2022	10	1,275	
8	2022	11	1,225	
9	2022	12	1,283	
10	2023	1	1,286	
11	2023	2	1,096	
12	2023	3	1,304	15,401,000

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCLTS

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	12,712	12,705	80	1,265	100	7,965	
2	2022	5	12,724	12,713	72	1,330	105	7,532	
3	2022	6	12,735	12,716	69	1,343	106	7,287	
4	2022	7	12,745	12,735	50	1,274	100	5,002	
5	2022	8	12,755	12,752	33	1,374	108	3,556	
6	2022	9	12,763	12,762	23	1,346	105	2,426	
7	2022	10	12,771	12,778	7	1,275	100	698	
8	2022	11	12,777	12,783	2	1,225	96	192	
9	2022	12	12,782	12,809	-24	1,283	100	-2,404	
10	2023	1	12,785	12,825	-40	1,286	100	-4,011	
11	2023	2	12,786	12,758	27	1,096	86	2,319	
12	2023	3	12,785	12,766	19	1,304	102	1,941	32,503
				153,102	318				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCPA
PUBLIC AUTHORITY
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	5,790	1,096	5,283					
2	2021	5	5,560	1,093	5,087					
3	2021	6	6,685	1,092	6,122					
4	2021	7	7,577	1,087	6,970					
5	2021	8	7,646	1,086	7,040					
6	2021	9	7,844	1,086	7,223					
7	2021	10	7,179	1,086	6,610					
8	2021	11	5,685	1,092	5,206					
9	2021	12	6,370	1,094	5,823					
10	2022	1	5,898	1,084	5,441					
11	2022	2	6,647	1,080	6,155					
12	2022	3	6,288	1,080	5,823	79,169	72,783		1,060	
13	2022	4	5,567	1,078	5,164					
14	2022	5	5,897	1,077	5,475					
15	2022	6	7,190	1,076	6,682					
16	2022	7	7,037	1,079	6,522					
17	2022	8	7,546	1,078	7,000					
18	2022	9	7,789	1,083	7,192					
19	2022	10	6,864	1,083	6,338					
20	2022	11	5,689	1,092	5,210					
21	2022	12	6,266	1,086	5,769					
22	2023	1	6,513	1,075	6,059					
23	2023	2	7,480	1,423	5,257					
24	2023	3	8,364	1,448	5,776	82,203	72,445	-338	1,393	-235,105

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCPA
PUBLIC AUTHORITY
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	5,567	5,567	0			
2	2022	5	5,897	5,924	-27			
3	2022	6	7,190	7,422	-232			
4	2022	7	7,037	7,215	-178			
5	2022	8	7,546	7,784	-238			
6	2022	9	7,789	8,064	-275			
7	2022	10	6,864	6,746	118			
8	2022	11	5,689	5,697	-8			
9	2022	12	6,266	6,279	-13			
10	2023	1	6,513	6,342	171			
11	2023	2	7,480	7,083	397			
12	2023	3	8,364	8,198	166	82,203	82,321	-117,796

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNCPA

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	1,053	1,078	315	5,567	5,164	1,626,721	
2	2022	5	1,048	1,077	316	5,897	5,475	1,730,225	
3	2022	6	1,046	1,076	317	7,190	6,682	2,118,243	
4	2022	7	1,049	1,079	314	7,037	6,522	2,047,839	
5	2022	8	1,057	1,078	315	7,546	7,000	2,205,000	
6	2022	9	1,072	1,083	310	7,789	7,192	2,229,538	
7	2022	10	1,095	1,083	310	6,864	6,338	1,964,765	
8	2022	11	1,128	1,092	301	5,689	5,210	1,568,122	
9	2022	12	1,173	1,086	307	6,266	5,770	1,771,328	
10	2023	1	1,230	1,075	318	6,513	6,059	1,926,636	
11	2023	2	1,303	1,423	-30	7,480	5,257	-157,695	
12	2023	3	1,393	1,448	-55	8,364	5,776	-317,693	18,713,029
				13,678	3,038				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNC42
SCHEDULE 42
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	3,038	749	4,055					
2	2021	5	2,385	753	3,167					
3	2021	6	2,810	755	3,722					
4	2021	7	3,320	758	4,380					
5	2021	8	3,356	759	4,422					
6	2021	9	3,615	759	4,763					
7	2021	10	3,135	760	4,125					
8	2021	11	2,478	763	3,248					
9	2021	12	3,742	763	4,905					
10	2022	1	3,523	762	4,624					
11	2022	2	4,561	763	5,978					
12	2022	3	4,061	765	5,308	40,026	52,698		752	
13	2022	4	2,844	766	3,713					
14	2022	5	2,590	766	3,381					
15	2022	6	3,182	766	4,155					
16	2022	7	3,269	766	4,267					
17	2022	8	3,463	770	4,497					
18	2022	9	3,420	768	4,453					
19	2022	10	3,126	767	4,075					
20	2022	11	2,450	764	3,207					
21	2022	12	3,280	766	4,282					
22	2023	1	4,538	761	5,963					
23	2023	2	4,863	957	5,081					
24	2023	3	4,319	947	4,561	41,343	51,635	-1,064	923	-490,911

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNC42
SCHEDULE 42
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	2,844	2,816	28			
2	2022	5	2,590	2,612	-22			
3	2022	6	3,182	3,304	-122			
4	2022	7	3,269	3,367	-98			
5	2022	8	3,463	3,596	-133			
6	2022	9	3,420	3,563	-143			
7	2022	10	3,126	3,121	5			
8	2022	11	2,450	2,345	105			
9	2022	12	3,280	3,294	-14			
10	2023	1	4,538	4,266	272			
11	2023	2	4,863	4,219	644			
12	2023	3	4,319	4,069	250	41,343	40,572	770,925

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNC42

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	750	766	157	2,844	3,713	582,909	
2	2022	5	749	766	157	2,590	3,381	530,849	
3	2022	6	749	766	157	3,182	4,154	652,185	
4	2022	7	751	766	157	3,269	4,268	670,017	
5	2022	8	756	770	153	3,463	4,497	688,103	
6	2022	9	764	768	155	3,420	4,453	690,234	
7	2022	10	776	767	156	3,126	4,076	635,797	
8	2022	11	793	764	159	2,450	3,207	509,882	
9	2022	12	815	766	157	3,280	4,282	672,271	
10	2023	1	843	761	162	4,538	5,963	966,039	
11	2023	2	879	957	-34	4,863	5,082	-172,771	
12	2023	3	923	947	-24	4,319	4,561	-109,457	6,316,058
				9,564	1,512				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM5
COMMERCIAL 5
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	44,458	16,258	2,735					
2	2021	5	41,687	16,271	2,562					
3	2021	6	51,203	16,271	3,147					
4	2021	7	58,830	16,310	3,607					
5	2021	8	63,803	16,300	3,914					
6	2021	9	63,599	16,319	3,897					
7	2021	10	54,784	16,367	3,347					
8	2021	11	43,964	16,388	2,683					
9	2021	12	55,507	16,386	3,387					
10	2022	1	48,912	16,398	2,983					
11	2022	2	50,742	16,403	3,093					
12	2022	3	50,658	16,404	3,088	628,148	38,444		16,471	
13	2022	4	41,285	16,427	2,513					
14	2022	5	44,663	16,482	2,710					
15	2022	6	54,699	16,501	3,315					
16	2022	7	55,793	16,501	3,381					
17	2022	8	69,244	16,515	4,193					
18	2022	9	57,670	16,502	3,495					
19	2022	10	53,606	16,504	3,248					
20	2022	11	46,499	16,509	2,817					
21	2022	12	52,210	16,502	3,164					
22	2023	1	56,960	16,493	3,454					
23	2023	2	50,570	16,021	3,157					
24	2023	3	44,682	16,020	2,789	627,881	38,234	-209	16,081	-1,684,276

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM5
COMMERCIAL 5
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	41,285	41,181	104			
2	2022	5	44,663	44,944	-281			
3	2022	6	54,699	56,869	-2,170			
4	2022	7	55,793	57,475	-1,682			
5	2022	8	69,244	71,494	-2,250			
6	2022	9	57,670	60,221	-2,551			
7	2022	10	53,606	52,732	874			
8	2022	11	46,499	46,136	363			
9	2022	12	52,210	52,362	-152			
10	2023	1	56,960	54,630	2,330			
11	2023	2	50,570	46,447	4,123			
12	2023	3	44,682	43,019	1,663	627,881	627,510	370,925

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM5

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	16,493	16,427	-346	41,285	2,513	-869,581	
2	2022	5	16,511	16,482	-401	44,663	2,710	-1,086,632	
3	2022	6	16,523	16,501	-420	54,699	3,315	-1,392,254	
4	2022	7	16,528	16,501	-420	55,793	3,381	-1,420,099	
5	2022	8	16,525	16,515	-434	69,244	4,193	-1,819,673	
6	2022	9	16,510	16,502	-421	57,670	3,495	-1,471,280	
7	2022	10	16,483	16,504	-423	53,606	3,248	-1,373,930	
8	2022	11	16,442	16,509	-428	46,499	2,817	-1,205,498	
9	2022	12	16,383	16,502	-421	52,210	3,164	-1,331,985	
10	2023	1	16,305	16,493	-412	56,960	3,454	-1,422,877	
11	2023	2	16,205	16,021	60	50,570	3,156	189,389	
12	2023	3	16,081	16,020	61	44,682	2,789	170,137	-13,034,283
				196,977	-4,005				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM6
COMMERCIAL 6
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	10,358	34	304,647					
2	2021	5	9,619	34	282,912					
3	2021	6	11,356	34	334,000					
4	2021	7	12,469	34	366,735					
5	2021	8	13,259	34	389,971					
6	2021	9	12,738	34	374,647					
7	2021	10	10,999	34	323,500					
8	2021	11	9,743	34	286,559					
9	2021	12	9,599	34	282,324					
10	2022	1	10,884	34	320,118					
11	2022	2	9,591	34	282,088					
12	2022	3	9,704	34	285,412	130,319	3,832,912		35	
13	2022	4	10,303	34	303,029					
14	2022	5	11,964	35	341,829					
15	2022	6	13,560	35	387,429					
16	2022	7	14,782	35	422,343					
17	2022	8	12,892	35	368,343					
18	2022	9	15,546	35	444,171					
19	2022	10	13,663	35	390,371					
20	2022	11	12,148	35	347,086					
21	2022	12	12,421	35	354,886					
22	2023	1	13,167	35	376,200					
23	2023	2	9,276	32	289,875					
24	2023	3	9,000	32	281,250	148,722	4,306,812	473,900	32	7,582,397

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM6
COMMERCIAL 6
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	10,303	
2	2022	5	11,964	
3	2022	6	13,560	
4	2022	7	14,782	
5	2022	8	12,892	
6	2022	9	15,546	
7	2022	10	13,663	
8	2022	11	12,148	
9	2022	12	12,421	
10	2023	1	13,167	
11	2023	2	9,276	
12	2023	3	9,000	148,722,000

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCCOM6

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	35	34	-2	10,303	303,029	-606,059	
2	2022	5	35	35	-3	11,964	341,829	-1,025,486	
3	2022	6	35	35	-3	13,560	387,429	-1,162,286	
4	2022	7	35	35	-3	14,782	422,343	-1,267,029	
5	2022	8	35	35	-3	12,892	368,343	-1,105,029	
6	2022	9	35	35	-3	15,546	444,171	-1,332,514	
7	2022	10	35	35	-3	13,663	390,371	-1,171,114	
8	2022	11	35	35	-3	12,148	347,086	-1,041,257	
9	2022	12	34	35	-3	12,421	354,886	-1,064,657	
10	2023	1	34	35	-3	13,167	376,200	-1,128,600	
11	2023	2	33	32	0	9,276	289,875	0	
12	2023	3	32	32	0	9,000	281,250	0	-10,904,031
				413	-29				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCIND5
INDUSTRIAL 5
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	1,564	24	65,150					
2	2021	5	1,425	24	59,392					
3	2021	6	1,457	24	60,715					
4	2021	7	1,500	24	62,479					
5	2021	8	1,581	24	65,862					
6	2021	9	1,399	24	58,290					
7	2021	10	1,509	24	62,894					
8	2021	11	1,273	24	53,052					
9	2021	12	1,602	23	69,667					
10	2022	1	1,347	23	58,582					
11	2022	2	1,513	23	65,784					
12	2022	3	1,087	23	47,272	17,258	729,139		23	
13	2022	4	1,479	22	67,248					
14	2022	5	981	22	44,596					
15	2022	6	999	22	45,418					
16	2022	7	924	22	41,986					
17	2022	8	979	22	44,502					
18	2022	9	928	22	42,191					
19	2022	10	1,015	22	46,127					
20	2022	11	798	22	36,279					
21	2022	12	909	22	41,310					
22	2023	1	847	22	38,514					
23	2023	2	1,072	22	48,739					
24	2023	3	1,064	21	50,670	11,996	547,580	-181,560	22	-1,997,155

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCIND5
INDUSTRIAL 5
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	1,479	1,474	5			
2	2022	5	981	980	1			
3	2022	6	999	976	23			
4	2022	7	924	907	17			
5	2022	8	979	957	22			
6	2022	9	928	901	27			
7	2022	10	1,015	1,038	-23			
8	2022	11	798	775	23			
9	2022	12	909	909	-0			
10	2023	1	847	826	21			
11	2023	2	1,072	1,027	45			
12	2023	3	1,064	1,048	16	11,996	11,818	178,089

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
CUNCIND5

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	23	22	0	1,479	67,227	0	
2	2022	5	22	22	0	981	44,591	0	
3	2022	6	22	22	0	999	45,409	0	
4	2022	7	22	22	0	924	42,000	0	
5	2022	8	22	22	0	979	44,500	0	
6	2022	9	22	22	0	928	42,182	0	
7	2022	10	22	22	0	1,015	46,136	0	
8	2022	11	22	22	0	798	36,273	0	
9	2022	12	22	22	0	909	41,318	0	
10	2023	1	22	22	0	847	38,500	0	
11	2023	2	22	22	0	1,072	48,727	0	
12	2023	3	22	21	1	1,064	50,667	50,667	50,667
				263	1				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCIND6
INDUSTRIAL 6
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	43,288	21	2,061,333					
2	2021	5	40,396	21	1,923,619					
3	2021	6	42,434	21	2,020,667					
4	2021	7	43,162	21	2,055,333					
5	2021	8	55,004	21	2,619,238					
6	2021	9	43,206	21	2,057,429					
7	2021	10	41,785	21	1,989,762					
8	2021	11	30,667	21	1,460,333					
9	2021	12	42,862	21	2,041,048					
10	2022	1	21,067	21	1,003,190					
11	2022	2	37,796	21	1,799,810					
12	2022	3	72,388	21	3,447,048	514,055	24,478,810		21	
13	2022	4	31,436	22	1,428,909					
14	2022	5	43,382	21	2,065,810					
15	2022	6	54,322	21	2,586,762					
16	2022	7	31,319	21	1,491,381					
17	2022	8	39,005	21	1,857,381					
18	2022	9	51,338	21	2,444,667					
19	2022	10	26,775	21	1,275,000					
20	2022	11	47,996	21	2,285,524					
21	2022	12	36,539	21	1,739,952					
22	2023	1	38,862	21	1,850,571					
23	2023	2	42,456	22	1,929,818					
24	2023	3	48,264	22	2,193,818	491,694	23,149,593	-1,329,216	22	-14,621,381

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCIND6
INDUSTRIAL 6
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	31,436	
2	2022	5	43,382	
3	2022	6	54,322	
4	2022	7	31,319	
5	2022	8	39,005	
6	2022	9	51,338	
7	2022	10	26,775	
8	2022	11	47,996	
9	2022	12	36,539	
10	2023	1	38,862	
11	2023	2	42,456	
12	2023	3	48,264	491,694,000

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCIND6

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	21	22	0	31,436	1,428,909	0	
2	2022	5	21	21	1	43,382	2,065,810	2,065,810	
3	2022	6	21	21	1	54,322	2,586,762	2,586,762	
4	2022	7	21	21	1	31,319	1,491,381	1,491,381	
5	2022	8	21	21	1	39,005	1,857,381	1,857,381	
6	2022	9	21	21	1	51,338	2,444,667	2,444,667	
7	2022	10	21	21	1	26,775	1,275,000	1,275,000	
8	2022	11	21	21	1	47,996	2,285,524	2,285,524	
9	2022	12	21	21	1	36,539	1,739,952	1,739,952	
10	2023	1	21	21	1	38,862	1,850,571	1,850,571	
11	2023	2	22	22	0	42,456	1,929,818	0	
12	2023	3	22	22	0	48,264	2,193,818	0	17,597,048
				255	9				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNC6VP
INDUSTRIAL 6VP
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	21,002	3	7,000,665					
2	2021	5	22,180	3	7,393,492					
3	2021	6	26,365	3	8,788,324					
4	2021	7	27,821	3	9,273,677					
5	2021	8	26,307	3	8,768,858					
6	2021	9	27,240	3	9,079,951					
7	2021	10	23,226	3	7,741,840					
8	2021	11	17,335	3	5,778,349					
9	2021	12	23,995	3	7,998,305					
10	2022	1	20,115	3	6,705,043					
11	2022	2	20,035	3	6,678,401					
12	2022	3	21,056	3	7,018,718	276,677	92,225,624		3	
13	2022	4	23,677	3	7,892,444					
14	2022	5	25,494	3	8,497,963					
15	2022	6	27,340	3	9,113,379					
16	2022	7	33,038	3	11,012,572					
17	2022	8	23,566	3	7,855,234					
18	2022	9	26,720	3	8,906,627					
19	2022	10	23,551	3	7,850,321					
20	2022	11	21,320	3	7,106,700					
21	2022	12	20,045	3	6,681,765					
22	2023	1	19,449	3	6,483,041					
23	2023	2	20,174	3	6,724,767					
24	2023	3	22,274	3	7,424,550	286,648	95,549,363	3,323,739	3	4,985,608

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNC6VP
INDUSTRIAL 6VP
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	23,677	
2	2022	5	25,494	
3	2022	6	27,340	
4	2022	7	33,038	
5	2022	8	23,566	
6	2022	9	26,720	
7	2022	10	23,551	
8	2022	11	21,320	
9	2022	12	20,045	
10	2023	1	19,449	
11	2023	2	20,174	
12	2023	3	22,274	286,648,088

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNC6VP

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	3	3	0	23,677	7,892,444	0	
2	2022	5	3	3	0	25,494	8,497,963	0	
3	2022	6	3	3	0	27,340	9,113,379	0	
4	2022	7	3	3	0	33,038	11,012,572	0	
5	2022	8	3	3	0	23,566	7,855,234	0	
6	2022	9	3	3	0	26,720	8,906,627	0	
7	2022	10	3	3	0	23,551	7,850,321	0	
8	2022	11	3	3	0	21,320	7,106,700	0	
9	2022	12	3	3	0	20,045	6,681,765	0	
10	2023	1	3	3	0	19,449	6,483,041	0	
11	2023	2	3	3	0	20,174	6,724,767	0	
12	2023	3	3	3	0	22,274	7,424,550	0	0
				36	0				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCNUC
INDUSTRIAL NUCOR
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	78,462	1	78,461,819					
2	2021	5	80,300	1	80,299,794					
3	2021	6	90,235	1	90,234,731					
4	2021	7	75,801	1	75,800,624					
5	2021	8	71,395	1	71,394,785					
6	2021	9	94,378	1	94,377,871					
7	2021	10	54,159	1	54,158,755					
8	2021	11	56,993	1	56,993,020					
9	2021	12	67,482	1	67,482,170					
10	2022	1	68,753	1	68,752,573					
11	2022	2	52,596	1	52,596,254					
12	2022	3	46,178	1	46,178,124	836,731	836,730,520		1	
13	2022	4	65,176	1	65,176,068					
14	2022	5	70,924	1	70,924,177					
15	2022	6	67,076	1	67,075,855					
16	2022	7	59,161	1	59,161,204					
17	2022	8	49,520	1	49,520,017					
18	2022	9	51,318	1	51,318,332					
19	2022	10	53,820	1	53,819,869					
20	2022	11	57,558	1	57,557,730					
21	2022	12	66,025	1	66,025,240					
22	2023	1	60,507	1	60,506,851					
23	2023	2	66,518	1	66,518,321					
24	2023	3	71,206	1	71,206,090	738,810	738,809,754	-97,920,766	1	-48,960,383

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCNUC
INDUSTRIAL NUCOR
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	65,176	
2	2022	5	70,924	
3	2022	6	67,076	
4	2022	7	59,161	
5	2022	8	49,520	
6	2022	9	51,318	
7	2022	10	53,820	
8	2022	11	57,558	
9	2022	12	66,025	
10	2023	1	60,507	
11	2023	2	66,518	
12	2023	3	71,206	738,809,754

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCNUC

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	1	1	0	65,176	65,176,068	0	
2	2022	5	1	1	0	70,924	70,924,177	0	
3	2022	6	1	1	0	67,076	67,075,855	0	
4	2022	7	1	1	0	59,161	59,161,204	0	
5	2022	8	1	1	0	49,520	49,520,017	0	
6	2022	9	1	1	0	51,318	51,318,332	0	
7	2022	10	1	1	0	53,820	53,819,869	0	
8	2022	11	1	1	0	57,558	57,557,730	0	
9	2022	12	1	1	0	66,025	66,025,240	0	
10	2023	1	1	1	0	60,507	60,506,851	0	
11	2023	2	1	1	0	66,518	66,518,321	0	
12	2023	3	1	1	0	71,206	71,206,090	0	0
				12	0				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCTRF
TRAFFIC LIGHTS
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	34	192	177					
2	2021	5	30	193	155					
3	2021	6	32	193	166					
4	2021	7	4	193	21					
5	2021	8	62	193	321					
6	2021	9	37	193	192					
7	2021	10	36	193	187					
8	2021	11	31	193	161					
9	2021	12	32	193	166					
10	2022	1	34	193	176					
11	2022	2	35	193	181					
12	2022	3	34	194	175	401	2,078		194	
13	2022	4	31	194	160					
14	2022	5	30	194	155					
15	2022	6	33	194	170					
16	2022	7	34	194	175					
17	2022	8	36	195	185					
18	2022	9	37	195	190					
19	2022	10	37	195	190					
20	2022	11	31	195	159					
21	2022	12	32	195	164					
22	2023	1	35	195	179					
23	2023	2	34	195	174					
24	2023	3	32	196	163	402	2,064	-14	196	-1,337

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCTRF
TRAFFIC LIGHTS
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	31	
2	2022	5	30	
3	2022	6	33	
4	2022	7	34	
5	2022	8	36	
6	2022	9	37	
7	2022	10	37	
8	2022	11	31	
9	2022	12	32	
10	2023	1	35	
11	2023	2	34	
12	2023	3	32	402,000

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCTRF

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	194	194	2	31	160	320	
2	2022	5	194	194	2	30	155	309	
3	2022	6	194	194	2	33	170	340	
4	2022	7	194	194	2	34	175	351	
5	2022	8	194	195	1	36	185	185	
6	2022	9	195	195	1	37	190	190	
7	2022	10	195	195	1	37	190	190	
8	2022	11	195	195	1	31	159	159	
9	2022	12	195	195	1	32	164	164	
10	2023	1	195	195	1	35	179	179	
11	2023	2	195	195	1	34	174	174	
12	2023	3	196	196	0	32	163	0	2,561
				2,337	15				

NORTH CAROLINA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUNCST
STREET LIGHTS
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	450	255	1,765					
2	2021	5	559	251	2,227					
3	2021	6	735	252	2,917					
4	2021	7	553	252	2,194					
5	2021	8	557	252	2,210					
6	2021	9	590	253	2,332					
7	2021	10	577	253	2,281					
8	2021	11	571	253	2,257					
9	2021	12	567	253	2,241					
10	2022	1	573	254	2,256					
11	2022	2	568	257	2,210					
12	2022	3	575	255	2,255	6,875	27,145		250	
13	2022	4	561	257	2,183					
14	2022	5	559	255	2,192					
15	2022	6	563	256	2,199					
16	2022	7	561	256	2,191					
17	2022	8	583	257	2,268					
18	2022	9	767	258	2,973					
19	2022	10	576	258	2,233					
20	2022	11	560	259	2,162					
21	2022	12	563	259	2,174					
22	2023	1	505	260	1,942					
23	2023	2	630	332	1,898					
24	2023	3	686	333	2,060	7,114	26,475	-669	323	-108,106

NORTH CAROLINA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUNCST
STREET LIGHTS
NORTH CAROLINA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	561	
2	2022	5	559	
3	2022	6	563	
4	2022	7	561	
5	2022	8	583	
6	2022	9	767	
7	2022	10	576	
8	2022	11	560	
9	2022	12	563	
10	2023	1	505	
11	2023	2	630	
12	2023	3	686	7,114,000

NO WEATHER NORMALIZATION EFFECT

NORTH CAROLINA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUNCST

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	249	257	66	561	2,183	144,070	
2	2022	5	249	255	68	559	2,192	149,067	
3	2022	6	249	256	67	563	2,199	147,348	
4	2022	7	250	256	67	561	2,191	146,824	
5	2022	8	253	257	66	583	2,268	149,720	
6	2022	9	256	258	65	767	2,973	193,236	
7	2022	10	262	258	65	576	2,233	145,116	
8	2022	11	269	259	64	560	2,162	138,378	
9	2022	12	278	259	64	563	2,174	139,120	
10	2023	1	290	260	63	505	1,942	122,365	
11	2023	2	305	332	-9	630	1,898	-17,078	
12	2023	3	323	333	-10	686	2,060	-20,601	1,437,565
				3,240	636				

VIRGINIA POWER
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
VIRGINIA JURISDICTIONAL

Obs	TYPE	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH
1	VA RESIDENTIAL	-445,634,699	504,150,549	142,074,549	200,590,399
2	VA SCHEDULE 7	-44,831	239,866	-62,565	132,470
3	VA OUTDOOR LIGHTING	-1,367,013	0	273,400	-1,093,613
4	VA CHURCHES	2,515,690	1,372,237	-55,665	3,832,262
5	VA COMMERCIAL	3,647,756,107	44,737,546	63,654,148	3,756,147,801
6	VA INDUSTRIAL	313,085,029	0	-23,268,596	289,816,433
7	VA INDUSTRIAL 56-235.2	0	0		0
		3,516,310,283	550,500,198	182,615,271	4,249,425,752

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVARES
RESIDENTIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	2,058,327	2,300,131	895					
2	2021	5	1,594,989	2,302,715	693					
3	2021	6	2,221,798	2,305,044	964					
4	2021	7	2,847,440	2,307,318	1,234					
5	2021	8	2,899,733	2,309,448	1,256					
6	2021	9	2,750,553	2,312,317	1,190					
7	2021	10	2,035,876	2,315,109	879					
8	2021	11	1,586,924	2,317,113	685					
9	2021	12	2,817,668	2,317,871	1,216					
10	2022	1	2,790,840	2,320,088	1,203					
11	2022	2	3,219,471	2,321,529	1,387					
12	2022	3	2,704,552	2,323,222	1,164	29,528,171	12,764		2,322,598	
13	2022	4	1,883,848	2,324,007	811					
14	2022	5	1,826,621	2,324,640	786					
15	2022	6	2,329,049	2,326,158	1,001					
16	2022	7	2,652,194	2,328,397	1,139					
17	2022	8	3,067,945	2,331,287	1,316					
18	2022	9	2,455,492	2,332,696	1,053					
19	2022	10	1,883,931	2,332,895	808					
20	2022	11	1,676,137	2,336,886	717					
21	2022	12	2,532,445	2,339,664	1,082					
22	2023	1	3,312,142	2,340,215	1,415					
23	2023	2	2,847,273	2,341,784	1,216					
24	2023	3	2,442,289	2,346,730	1,041	28,909,367	12,384	-380	2,345,810	-445,634,699

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVARES
RESIDENTIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	1,883,848	1,882,045	1,803			
2	2022	5	1,826,621	1,815,616	11,005			
3	2022	6	2,329,049	2,381,297	-52,248			
4	2022	7	2,652,194	2,636,066	16,128			
5	2022	8	3,067,945	3,179,496	-111,551			
6	2022	9	2,455,492	2,624,493	-169,001			
7	2022	10	1,883,931	1,848,875	35,056			
8	2022	11	1,676,137	1,612,559	63,578			
9	2022	12	2,532,445	2,544,595	-12,150			
10	2023	1	3,312,142	3,086,223	225,919			
11	2023	2	2,847,273	2,490,318	356,955			
12	2023	3	2,442,289	2,303,633	138,656	28,909,367	28,405,216	504,150,549

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVARES

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	2,324,209	2,324,007	21,803	1,883,848	811	17,673,577	
2	2022	5	2,325,806	2,324,640	21,170	1,826,621	786	16,634,645	
3	2022	6	2,327,407	2,326,158	19,652	2,329,049	1,001	19,676,427	
4	2022	7	2,329,032	2,328,397	17,413	2,652,194	1,139	19,834,521	
5	2022	8	2,330,700	2,331,287	14,523	3,067,945	1,316	19,112,094	
6	2022	9	2,332,437	2,332,696	13,114	2,455,492	1,053	13,804,334	
7	2022	10	2,334,266	2,332,895	12,915	1,883,931	808	10,429,521	
8	2022	11	2,336,214	2,336,886	8,924	1,676,137	717	6,400,757	
9	2022	12	2,338,311	2,339,664	6,146	2,532,445	1,082	6,652,412	
10	2023	1	2,340,588	2,340,215	5,595	3,312,142	1,415	7,918,687	
11	2023	2	2,343,075	2,341,784	4,026	2,847,273	1,216	4,895,036	
12	2023	3	2,345,810	2,346,730	-920	2,442,289	1,041	-957,462	142,074,549
				28005359	144,361				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVAOTH
SCHEDULE 7
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	474	339	1,397					
2	2021	5	294	338	870					
3	2021	6	370	338	1,094					
4	2021	7	541	337	1,604					
5	2021	8	576	337	1,710					
6	2021	9	540	336	1,608					
7	2021	10	367	334	1,100					
8	2021	11	300	334	898					
9	2021	12	701	333	2,104					
10	2022	1	772	329	2,346					
11	2022	2	1,014	328	3,090					
12	2022	3	717	327	2,194	6,666	20,016		327	
13	2022	4	431	323	1,334					
14	2022	5	330	322	1,024					
15	2022	6	389	322	1,207					
16	2022	7	468	321	1,457					
17	2022	8	556	321	1,732					
18	2022	9	433	321	1,349					
19	2022	10	315	319	986					
20	2022	11	330	318	1,037					
21	2022	12	620	316	1,961					
22	2023	1	939	315	2,979					
23	2023	2	860	315	2,729					
24	2023	3	610	315	1,937	6,278	19,731	-285	315	-44,831

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVAOTH
SCHEDULE 7
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	431	431	-0			
2	2022	5	330	331	-1			
3	2022	6	389	402	-13			
4	2022	7	468	463	5			
5	2022	8	556	587	-31			
6	2022	9	433	479	-46			
7	2022	10	315	316	-1			
8	2022	11	330	296	34			
9	2022	12	620	624	-4			
10	2023	1	939	845	94			
11	2023	2	860	710	150			
12	2023	3	610	554	56	6,278	6,038	239,866

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVAOTH

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	326	323	-8	431	1,334	-10,675	
2	2022	5	324	322	-7	330	1,025	-7,174	
3	2022	6	323	322	-7	389	1,208	-8,457	
4	2022	7	321	321	-6	468	1,458	-8,748	
5	2022	8	320	321	-6	556	1,732	-10,393	
6	2022	9	319	321	-6	433	1,349	-8,093	
7	2022	10	318	319	-4	315	987	-3,950	
8	2022	11	317	318	-3	330	1,038	-3,113	
9	2022	12	316	316	-1	620	1,962	-1,962	
10	2023	1	316	315	0	939	2,981	0	
11	2023	2	315	315	0	860	2,730	0	
12	2023	3	315	315	0	610	1,937	0	-62,565
				3,828	-48				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVALTS
OUTDOOR LIGHTING
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	7,308	55,503	132					
2	2021	5	6,915	55,555	124					
3	2021	6	7,618	55,553	137					
4	2021	7	7,310	55,586	132					
5	2021	8	7,444	55,608	134					
6	2021	9	7,282	55,623	131					
7	2021	10	7,201	55,689	129					
8	2021	11	6,622	55,757	119					
9	2021	12	7,516	55,806	135					
10	2022	1	7,223	55,777	129					
11	2022	2	6,818	55,757	122					
12	2022	3	7,760	55,871	139	87,017	1,563		55,811	
13	2022	4	6,868	55,849	123					
14	2022	5	7,148	55,835	128					
15	2022	6	7,305	55,849	131					
16	2022	7	6,857	55,866	123					
17	2022	8	7,664	55,882	137					
18	2022	9	6,992	55,911	125					
19	2022	10	7,139	55,979	128					
20	2022	11	6,527	56,007	117					
21	2022	12	6,980	56,043	125					
22	2023	1	7,057	56,077	126					
23	2023	2	6,660	56,062	119					
24	2023	3	7,540	56,147	134	84,737	1,514	-49	56,139	-1,367,013

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVALTS
OUTDOOR LIGHTING
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	6,868	
2	2022	5	7,148	
3	2022	6	7,305	
4	2022	7	6,857	
5	2022	8	7,664	
6	2022	9	6,992	
7	2022	10	7,139	
8	2022	11	6,527	
9	2022	12	6,980	
10	2023	1	7,057	
11	2023	2	6,660	
12	2023	3	7,540	84,737,000

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVALTS

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	55,831	55,849	290	6,868	123	35,662	
2	2022	5	55,852	55,835	304	7,148	128	38,918	
3	2022	6	55,872	55,849	290	7,305	131	37,932	
4	2022	7	55,893	55,866	273	6,857	123	33,508	
5	2022	8	55,915	55,882	257	7,664	137	35,247	
6	2022	9	55,938	55,911	228	6,992	125	28,513	
7	2022	10	55,963	55,979	160	7,139	128	20,405	
8	2022	11	55,990	56,007	132	6,527	117	15,383	
9	2022	12	56,021	56,043	96	6,980	125	11,957	
10	2023	1	56,056	56,077	62	7,057	126	7,802	
11	2023	2	56,095	56,062	77	6,660	119	9,147	
12	2023	3	56,139	56,147	-8	7,540	134	-1,074	273,400
				671,507	2,161				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVACH
CHURCHES
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	13,125	3,022	4,343					
2	2021	5	10,404	3,023	3,442					
3	2021	6	14,786	3,023	4,891					
4	2021	7	21,329	3,019	7,065					
5	2021	8	22,525	3,017	7,466					
6	2021	9	21,218	3,018	7,031					
7	2021	10	15,008	3,020	4,970					
8	2021	11	11,239	3,021	3,720					
9	2021	12	17,807	3,017	5,902					
10	2022	1	17,266	3,013	5,730					
11	2022	2	20,238	3,018	6,706					
12	2022	3	17,851	3,016	5,919	202,796	67,185		3,014	
13	2022	4	13,018	3,013	4,321					
14	2022	5	13,191	3,011	4,381					
15	2022	6	17,201	3,013	5,709					
16	2022	7	20,684	3,012	6,867					
17	2022	8	23,528	3,010	7,817					
18	2022	9	19,418	3,007	6,458					
19	2022	10	14,964	3,006	4,978					
20	2022	11	11,981	3,007	3,984					
21	2022	12	16,565	3,003	5,516					
22	2023	1	20,838	3,006	6,932					
23	2023	2	19,062	3,008	6,337					
24	2023	3	16,728	3,010	5,557	207,178	68,857	1,673	3,008	2,515,690

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVACH
CHURCHES
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	13,018	12,970	48			
2	2022	5	13,191	12,894	297			
3	2022	6	17,201	17,811	-610			
4	2022	7	20,684	20,512	172			
5	2022	8	23,528	24,728	-1,200			
6	2022	9	19,418	21,268	-1,850			
7	2022	10	14,964	14,150	814			
8	2022	11	11,981	11,938	43			
9	2022	12	16,565	16,650	-85			
10	2023	1	20,838	19,663	1,175			
11	2023	2	19,062	17,264	1,798			
12	2023	3	16,728	15,958	770	207,178	205,806	1,372,237

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVACH

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	3,013	3,013	-5	13,018	4,321	-21,603	
2	2022	5	3,012	3,011	-3	13,191	4,381	-13,143	
3	2022	6	3,011	3,013	-5	17,201	5,709	-28,545	
4	2022	7	3,010	3,012	-4	20,684	6,867	-27,469	
5	2022	8	3,009	3,010	-2	23,528	7,817	-15,633	
6	2022	9	3,008	3,007	1	19,418	6,458	6,458	
7	2022	10	3,008	3,006	2	14,964	4,978	9,956	
8	2022	11	3,007	3,007	1	11,981	3,984	3,984	
9	2022	12	3,007	3,003	5	16,565	5,516	27,581	
10	2023	1	3,007	3,006	2	20,838	6,932	13,864	
11	2023	2	3,007	3,008	0	19,062	6,337	0	
12	2023	3	3,008	3,010	-2	16,728	5,557	-11,115	-55,665
				36,106	-10				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVACOM
COMMERCIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	2,535,416	227,353	11,152					
2	2021	5	2,380,613	227,640	10,458					
3	2021	6	2,828,382	227,936	12,409					
4	2021	7	2,997,630	228,242	13,134					
5	2021	8	3,189,141	228,466	13,959					
6	2021	9	3,174,652	228,752	13,878					
7	2021	10	2,855,706	228,936	12,474					
8	2021	11	2,579,753	229,222	11,254					
9	2021	12	3,013,011	228,887	13,164					
10	2022	1	2,968,220	228,567	12,986					
11	2022	2	3,027,962	228,839	13,232					
12	2022	3	2,920,042	228,900	12,757	34,470,528	150,856		229,217	
13	2022	4	2,904,337	228,770	12,695					
14	2022	5	2,614,485	228,987	11,418					
15	2022	6	3,458,079	229,267	15,083					
16	2022	7	3,751,254	229,797	16,324					
17	2022	8	4,042,647	229,955	17,580					
18	2022	9	3,830,348	230,063	16,649					
19	2022	10	3,416,454	230,172	14,843					
20	2022	11	3,462,537	230,327	15,033					
21	2022	12	3,578,104	230,558	15,519					
22	2023	1	3,763,440	230,054	16,359					
23	2023	2	3,476,581	229,820	15,127					
24	2023	3	3,661,513	230,060	15,915	41,959,778	182,547	31,691	230,206	3,647,756,107

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVACOM
COMMERCIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	2,904,337	2,904,122	214			
2	2022	5	2,614,485	2,613,186	1,298			
3	2022	6	3,458,079	3,463,120	-5,041			
4	2022	7	3,751,254	3,749,717	1,537			
5	2022	8	4,042,647	4,053,290	-10,643			
6	2022	9	3,830,348	3,846,511	-16,163			
7	2022	10	3,416,454	3,412,641	3,813			
8	2022	11	3,462,537	3,457,110	5,427			
9	2022	12	3,578,104	3,579,221	-1,117			
10	2023	1	3,763,440	3,743,008	20,432			
11	2023	2	3,476,581	3,444,253	32,328			
12	2023	3	3,661,513	3,648,860	12,653	41,959,778	41,915,040	44,737,546

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVACOM

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	229,340	228,770	1,436	2,904,337	12,695	18,230,659	
2	2022	5	229,457	228,987	1,219	2,614,485	11,418	13,918,070	
3	2022	6	229,567	229,267	939	3,458,079	15,083	14,163,121	
4	2022	7	229,671	229,797	409	3,751,254	16,324	6,676,601	
5	2022	8	229,767	229,955	251	4,042,647	17,580	4,412,622	
6	2022	9	229,855	230,063	143	3,830,348	16,649	2,380,825	
7	2022	10	229,936	230,172	34	3,416,454	14,843	504,664	
8	2022	11	230,008	230,327	-121	3,462,537	15,033	-1,819,009	
9	2022	12	230,071	230,558	-352	3,578,104	15,519	-5,462,802	
10	2023	1	230,126	230,054	152	3,763,440	16,359	2,486,559	
11	2023	2	230,171	229,820	386	3,476,581	15,127	5,839,179	
12	2023	3	230,206	230,060	146	3,661,513	15,915	2,323,659	63,654,148
				2,757,830	4,642				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVAIND
INDUSTRIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	461,536	543	849,974					
2	2021	5	422,409	545	775,063					
3	2021	6	486,187	542	897,024					
4	2021	7	463,755	541	857,217					
5	2021	8	474,753	539	880,804					
6	2021	9	462,233	538	859,170					
7	2021	10	428,944	536	800,268					
8	2021	11	440,592	541	814,403					
9	2021	12	439,754	537	818,908					
10	2022	1	414,376	537	771,651					
11	2022	2	366,451	535	684,954					
12	2022	3	482,281	534	903,148	5,343,270	9,912,583		541	
13	2022	4	418,128	537	778,636					
14	2022	5	426,564	536	795,828					
15	2022	6	415,450	534	777,997					
16	2022	7	556,486	556	1,000,874					
17	2022	8	528,481	555	952,218					
18	2022	9	556,964	554	1,005,350					
19	2022	10	594,270	555	1,070,757					
20	2022	11	498,713	554	900,204					
21	2022	12	548,439	553	991,752					
22	2023	1	507,754	546	929,952					
23	2023	2	497,932	546	911,963					
24	2023	3	512,528	543	943,882	6,061,709	11,059,414	1,146,832	546	313,085,029

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVAIND
INDUSTRIAL
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	418,128	
2	2022	5	426,564	
3	2022	6	415,450	
4	2022	7	556,486	
5	2022	8	528,481	
6	2022	9	556,964	
7	2022	10	594,270	
8	2022	11	498,713	
9	2022	12	548,439	
10	2023	1	507,754	
11	2023	2	497,932	
12	2023	3	512,528	6,061,708,897

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVAIND

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	542	537	9	418,128	778,636	7,007,726	
2	2022	5	544	536	10	426,564	795,828	7,958,285	
3	2022	6	545	534	12	415,450	777,997	9,335,960	
4	2022	7	546	556	-10	556,486	1,000,874	-10,008,741	
5	2022	8	548	555	-9	528,481	952,218	-8,569,962	
6	2022	9	549	554	-8	556,964	1,005,350	-8,042,801	
7	2022	10	550	555	-9	594,270	1,070,757	-9,636,811	
8	2022	11	550	554	-8	498,713	900,204	-7,201,632	
9	2022	12	550	553	-7	548,439	991,752	-6,942,266	
10	2023	1	550	546	0	507,754	929,952	0	
11	2023	2	548	546	0	497,932	911,963	0	
12	2023	3	546	543	3	512,528	943,882	2,831,646	-23,268,596
				6,569	-17				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUVACHP
INDUSTRIAL 56-235.2
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	0	0						
2	2021	5	0	0						
3	2021	6	0	0						
4	2021	7	0	0						
5	2021	8	0	0						
6	2021	9	0	0						
7	2021	10	0	0						
8	2021	11	0	0						
9	2021	12	0	0						
10	2022	1	0	0						
11	2022	2	0	0						
12	2022	3	0	0		0			0	
13	2022	4	0	0						
14	2022	5	0	0						
15	2022	6	0	0						
16	2022	7	0	0						
17	2022	8	0	0						
18	2022	9	0	0						
19	2022	10	0	0						
20	2022	11	0	0						
21	2022	12	0	0						
22	2023	1	0	0						
23	2023	2	0	0						
24	2023	3	0	0		0		0	0	0

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUVACHP
INDUSTRIAL 56-235.2
VIRGINIA JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	0	
2	2022	5	0	
3	2022	6	0	
4	2022	7	0	
5	2022	8	0	
6	2022	9	0	
7	2022	10	0	
8	2022	11	0	
9	2022	12	0	
10	2023	1	0	
11	2023	2	0	
12	2023	3	0	0

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUVACHP

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	0	0	0	0			
2	2022	5	0	0	0	0			
3	2022	6	0	0	0	0			
4	2022	7	0	0	0	0			
5	2022	8	0	0	0	0			
6	2022	9	0	0	0	0			
7	2022	10	0	0	0	0			
8	2022	11	0	0	0	0			
9	2022	12	0	0	0	0			
10	2023	1	0	0	0	0			
11	2023	2	0	0	0	0			
12	2023	3	0	0	0	0			
				0	0				

VIRGINIA POWER
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
COUNTY - NON-JURISDICTIONAL

Obs	TYPE	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH
1	COUNTY MISCELLANEOUS LIGHT & POWER	-1,159,309	306,768	46,949,562	46,097,021
2	MUNICIPAL MISCELLANEOUS LIGHT & POWER	70,917,303	2,266,140	70,561,448	143,744,891
3	STREET LIGHTS	-10,800,109	0	-408,505	-11,208,614
4	TRAFFIC LIGHTS	-154,415	0	173,076	18,661
		58,803,470	2,572,908	117,275,581	178,651,959

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUCOLP
MISCELLANEOUS, LIGHT AND POWER
COUNTY - NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	55,189	4,218	13,084					
2	2021	5	49,835	4,230	11,781					
3	2021	6	60,334	4,245	14,213					
4	2021	7	65,312	4,248	15,375					
5	2021	8	68,175	4,250	16,041					
6	2021	9	69,918	4,261	16,409					
7	2021	10	63,912	4,266	14,982					
8	2021	11	51,695	4,277	12,087					
9	2021	12	65,308	4,278	15,266					
10	2022	1	59,329	4,289	13,833					
11	2022	2	64,431	4,292	15,012					
12	2022	3	67,211	4,294	15,652	740,648	173,735		4,268	
13	2022	4	54,567	4,296	12,702					
14	2022	5	58,303	4,299	13,562					
15	2022	6	65,120	4,310	15,109					
16	2022	7	61,295	4,307	14,231					
17	2022	8	68,803	4,304	15,986					
18	2022	9	66,901	4,303	15,547					
19	2022	10	64,033	4,302	14,885					
20	2022	11	58,649	4,318	13,582					
21	2022	12	62,338	4,324	14,417					
22	2023	1	65,843	4,537	14,513					
23	2023	2	66,071	4,610	14,332					
24	2023	3	67,196	4,676	14,370	759,119	173,236	-498	4,653	-1,159,309

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUCOLP
MISCELLANEOUS, LIGHT AND POWER
COUNTY - NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	54,567	54,474	93			
2	2022	5	58,303	57,731	572			
3	2022	6	65,120	66,130	-1,010			
4	2022	7	61,295	61,018	277			
5	2022	8	68,803	70,751	-1,948			
6	2022	9	66,901	69,932	-3,031			
7	2022	10	64,033	62,464	1,569			
8	2022	11	58,649	58,934	-285			
9	2022	12	62,338	62,452	-114			
10	2023	1	65,843	64,544	1,299			
11	2023	2	66,071	64,125	1,946			
12	2023	3	67,196	66,257	939	759,119	758,812	306,768

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUCOLP

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	4,268	4,296	357	54,567	12,702	4,534,548	
2	2022	5	4,270	4,299	354	58,303	13,562	4,800,945	
3	2022	6	4,275	4,310	343	65,120	15,109	5,182,404	
4	2022	7	4,283	4,307	346	61,295	14,231	4,924,093	
5	2022	8	4,297	4,304	349	68,803	15,986	5,579,054	
6	2022	9	4,317	4,303	350	66,901	15,548	5,441,634	
7	2022	10	4,345	4,302	351	64,033	14,884	5,224,450	
8	2022	11	4,382	4,318	335	58,649	13,582	4,550,119	
9	2022	12	4,430	4,324	329	62,338	14,417	4,743,109	
10	2023	1	4,490	4,537	116	65,843	14,512	1,683,445	
11	2023	2	4,564	4,610	43	66,071	14,332	616,280	
12	2023	3	4,653	4,676	-23	67,196	14,370	-330,519	46,949,562
				52,586	3,250				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUMUNLP
MISCELLANEOUS, LIGHT AND POWER
MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	266,888	16,877	15,814					
2	2021	5	245,185	16,853	14,548					
3	2021	6	297,172	16,845	17,642					
4	2021	7	313,057	16,764	18,674					
5	2021	8	327,346	16,750	19,543					
6	2021	9	330,222	16,716	19,755					
7	2021	10	306,859	16,694	18,381					
8	2021	11	251,626	16,675	15,090					
9	2021	12	311,650	16,681	18,683					
10	2022	1	261,876	16,667	15,712					
11	2022	2	274,245	16,675	16,446					
12	2022	3	322,049	16,598	19,403	3,508,175	209,692		16,552	
13	2022	4	269,646	16,466	16,376					
14	2022	5	282,292	16,436	17,175					
15	2022	6	309,889	16,440	18,850					
16	2022	7	294,702	16,456	17,908					
17	2022	8	304,549	16,484	18,475					
18	2022	9	298,693	16,501	18,102					
19	2022	10	309,979	16,491	18,797					
20	2022	11	298,001	16,509	18,051					
21	2022	12	363,463	16,524	21,996					
22	2023	1	296,640	16,825	17,631					
23	2023	2	290,301	16,711	17,372					
24	2023	3	292,718	16,860	17,362	3,610,872	218,094	8,403	16,880	70,917,303

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUMUNLP
MISCELLANEOUS, LIGHT AND POWER
MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	269,646	269,342	304			
2	2022	5	282,292	280,431	1,861			
3	2022	6	309,889	313,302	-3,413			
4	2022	7	294,702	293,760	942			
5	2022	8	304,549	311,153	-6,604			
6	2022	9	298,693	308,919	-10,226			
7	2022	10	309,979	304,943	5,036			
8	2022	11	298,001	298,600	-599			
9	2022	12	363,463	363,868	-405			
10	2023	1	296,640	291,771	4,869			
11	2023	2	290,301	283,101	7,200			
12	2023	3	292,718	289,416	3,302	3,610,872	3,608,606	2,266,140

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUMUNLP

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	16,523	16,466	414	269,646	16,376	6,779,633	
2	2022	5	16,499	16,436	444	282,292	17,175	7,625,800	
3	2022	6	16,481	16,440	440	309,889	18,850	8,293,866	
4	2022	7	16,470	16,456	424	294,702	17,908	7,593,197	
5	2022	8	16,468	16,484	396	304,549	18,475	7,316,271	
6	2022	9	16,477	16,501	379	298,693	18,102	6,860,472	
7	2022	10	16,498	16,491	389	309,979	18,797	7,311,978	
8	2022	11	16,535	16,509	371	298,001	18,051	6,696,855	
9	2022	12	16,589	16,524	356	363,463	21,996	7,830,599	
10	2023	1	16,663	16,825	55	296,640	17,631	969,700	
11	2023	2	16,759	16,711	169	290,301	17,372	2,935,843	
12	2023	3	16,880	16,860	20	292,718	17,362	347,234	70,561,448
				198,703	3,857				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUCOMUST
STREET LIGHTS
COUNTY AND MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	18,520	1,467	12,624					
2	2021	5	18,180	1,473	12,342					
3	2021	6	18,490	1,483	12,468					
4	2021	7	17,731	1,491	11,892					
5	2021	8	18,577	1,522	12,206					
6	2021	9	17,767	1,549	11,470					
7	2021	10	18,140	1,554	11,673					
8	2021	11	18,189	1,583	11,490					
9	2021	12	18,151	1,582	11,473					
10	2022	1	17,800	1,584	11,237					
11	2022	2	17,520	1,588	11,033					
12	2022	3	17,854	1,591	11,222	216,919	141,131		1,586	
13	2022	4	17,377	1,593	10,908					
14	2022	5	17,375	1,593	10,907					
15	2022	6	17,277	1,593	10,846					
16	2022	7	17,703	1,592	11,120					
17	2022	8	16,600	1,595	10,408					
18	2022	9	16,772	1,598	10,496					
19	2022	10	15,888	1,600	9,930					
20	2022	11	18,052	1,602	11,268					
21	2022	12	17,173	1,600	10,733					
22	2023	1	15,346	1,600	9,591					
23	2023	2	17,777	1,601	11,104					
24	2023	3	16,431	1,600	10,269	203,771	127,580	-13,551	1,594	-10,800,109

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUCOMUST
STREET LIGHTS
COUNTY AND MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	17,377	
2	2022	5	17,375	
3	2022	6	17,277	
4	2022	7	17,703	
5	2022	8	16,600	
6	2022	9	16,772	
7	2022	10	15,888	
8	2022	11	18,052	
9	2022	12	17,173	
10	2023	1	15,346	
11	2023	2	17,777	
12	2023	3	16,431	203,771,000

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUCOMUST

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	1,592	1,593	1	17,377	10,908	10,908	
2	2022	5	1,596	1,593	1	17,375	10,907	10,907	
3	2022	6	1,599	1,593	1	17,277	10,846	10,846	
4	2022	7	1,602	1,592	2	17,703	11,120	22,240	
5	2022	8	1,603	1,595	-1	16,600	10,408	-10,408	
6	2022	9	1,604	1,598	-4	16,772	10,496	-41,982	
7	2022	10	1,604	1,600	-6	15,888	9,930	-59,580	
8	2022	11	1,603	1,602	-8	18,052	11,268	-90,147	
9	2022	12	1,602	1,600	-6	17,173	10,733	-64,399	
10	2023	1	1,600	1,600	-6	15,346	9,591	-57,548	
11	2023	2	1,597	1,601	-7	17,777	11,104	-77,726	
12	2023	3	1,594	1,600	-6	16,431	10,269	-61,616	-408,505
				19,167	-39				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUCOMUTR
TRAFFIC LIGHTS
COUNTY AND MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTABLE TO INCR USAGE
1	2021	4	1,331	1,245	1,069					
2	2021	5	1,291	1,248	1,034					
3	2021	6	1,346	1,251	1,076					
4	2021	7	1,319	1,254	1,052					
5	2021	8	1,326	1,252	1,059					
6	2021	9	1,324	1,253	1,057					
7	2021	10	1,328	1,255	1,058					
8	2021	11	1,300	1,259	1,033					
9	2021	12	1,386	1,266	1,095					
10	2022	1	1,351	1,268	1,065					
11	2022	2	1,316	1,273	1,034					
12	2022	3	1,367	1,271	1,076	15,985	12,707		1,268	
13	2022	4	1,305	1,273	1,025					
14	2022	5	1,321	1,277	1,034					
15	2022	6	1,394	1,274	1,094					
16	2022	7	1,238	1,274	972					
17	2022	8	1,328	1,272	1,044					
18	2022	9	1,315	1,273	1,033					
19	2022	10	1,313	1,273	1,031					
20	2022	11	1,314	1,275	1,031					
21	2022	12	1,354	1,275	1,062					
22	2023	1	1,371	1,285	1,067					
23	2023	2	1,318	1,286	1,025					
24	2023	3	1,365	1,300	1,050	15,936	12,468	-239	1,292	-154,415

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUCOMUTR
TRAFFIC LIGHTS
COUNTY AND MUNICIPAL - NON-JURISDICTIONAL

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	1,305	
2	2022	5	1,321	
3	2022	6	1,394	
4	2022	7	1,238	
5	2022	8	1,328	
6	2022	9	1,315	
7	2022	10	1,313	
8	2022	11	1,314	
9	2022	12	1,354	
10	2023	1	1,371	
11	2023	2	1,318	
12	2023	3	1,365	15,936,000

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUCOMUTR

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	1,269	1,273	19	1,305	1,025	19,478	
2	2022	5	1,270	1,277	15	1,321	1,034	15,517	
3	2022	6	1,272	1,274	18	1,394	1,094	19,695	
4	2022	7	1,273	1,274	18	1,238	972	17,491	
5	2022	8	1,274	1,272	20	1,328	1,044	20,881	
6	2022	9	1,276	1,273	19	1,315	1,033	19,627	
7	2022	10	1,277	1,273	19	1,313	1,031	19,597	
8	2022	11	1,279	1,275	17	1,314	1,031	17,520	
9	2022	12	1,282	1,275	17	1,354	1,062	18,053	
10	2023	1	1,284	1,285	7	1,371	1,067	7,468	
11	2023	2	1,288	1,286	6	1,318	1,025	6,149	
12	2023	3	1,292	1,300	-8	1,365	1,050	-8,400	173,076
				15,337	167				

VIRGINIA POWER
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
COMMONWEALTH OF VIRGINIA

Obs	TYPE	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH
1	MISCELLANEOUS LIGHT & POWER	59,057,223	-21,357,555	66,952,432	104,652,100
2	STREET LIGHTS	28,104	0	293,379	321,483
3	TRAFFIC LIGHTS	-243,193	0	130,623	-112,570
		58,842,134	-21,357,555	67,376,434	104,861,013

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUSTMLP
MISCELLANEOUS, LIGHT AND POWER
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	162,705	5,266	30,897					
2	2021	5	153,863	5,298	29,042					
3	2021	6	184,310	5,327	34,599					
4	2021	7	202,070	5,316	38,012					
5	2021	8	217,111	5,317	40,833					
6	2021	9	228,608	5,326	42,923					
7	2021	10	195,091	5,331	36,596					
8	2021	11	167,265	5,334	31,358					
9	2021	12	178,603	5,349	33,390					
10	2022	1	171,382	5,336	32,118					
11	2022	2	172,398	5,326	32,369					
12	2022	3	128,683	5,318	24,198	2,162,089	406,335		5,316	
13	2022	4	192,374	5,309	36,235					
14	2022	5	165,924	5,311	31,242					
15	2022	6	205,169	5,331	38,486					
16	2022	7	197,455	5,328	37,060					
17	2022	8	196,421	5,323	36,900					
18	2022	9	235,998	5,327	44,302					
19	2022	10	186,924	5,320	35,136					
20	2022	11	214,089	5,333	40,144					
21	2022	12	164,120	5,325	30,821					
22	2023	1	177,510	5,417	32,769					
23	2023	2	164,098	5,527	29,690					
24	2023	3	192,830	5,516	34,958	2,292,911	427,744	21,409	5,517	59,057,223

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUSTMLP
MISCELLANEOUS, LIGHT AND POWER
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	192,374	191,844	530			
2	2022	5	165,924	167,562	-1,638			
3	2022	6	205,169	204,591	578			
4	2022	7	197,455	199,211	-1,756			
5	2022	8	196,421	198,170	-1,749			
6	2022	9	235,998	237,986	-1,988			
7	2022	10	186,924	182,220	4,704			
8	2022	11	214,089	218,117	-4,028			
9	2022	12	164,120	162,220	1,900			
10	2023	1	177,510	185,970	-8,460			
11	2023	2	164,098	172,018	-7,920			
12	2023	3	192,830	194,360	-1,530	2,292,911	2,314,269	-21,357,555

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUSTMLP

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	5,313	5,309	208	192,374	36,235	7,536,973	
2	2022	5	5,311	5,311	206	165,924	31,242	6,435,764	
3	2022	6	5,311	5,331	186	205,169	38,486	7,158,401	
4	2022	7	5,313	5,328	189	197,455	37,060	7,004,316	
5	2022	8	5,318	5,323	194	196,421	36,900	7,158,684	
6	2022	9	5,327	5,327	190	235,998	44,302	8,417,424	
7	2022	10	5,341	5,320	197	186,924	35,136	6,921,810	
8	2022	11	5,360	5,333	184	214,089	40,144	7,386,532	
9	2022	12	5,386	5,325	192	164,120	30,821	5,917,566	
10	2023	1	5,420	5,417	100	177,510	32,769	3,276,906	
11	2023	2	5,464	5,527	-10	164,098	29,690	-296,902	
12	2023	3	5,517	5,516	1	192,830	34,958	34,958	66,952,432
				64,367	1,837				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUSTST
STREET LIGHTS
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	372	220	1,691					
2	2021	5	362	220	1,645					
3	2021	6	381	219	1,740					
4	2021	7	371	218	1,702					
5	2021	8	377	218	1,729					
6	2021	9	357	217	1,645					
7	2021	10	370	217	1,705					
8	2021	11	309	218	1,417					
9	2021	12	370	217	1,705					
10	2022	1	368	215	1,712					
11	2022	2	359	215	1,670					
12	2022	3	372	215	1,730	4,368	20,092		221	
13	2022	4	363	215	1,688					
14	2022	5	366	215	1,702					
15	2022	6	374	215	1,740					
16	2022	7	359	216	1,662					
17	2022	8	402	216	1,861					
18	2022	9	366	216	1,694					
19	2022	10	359	216	1,662					
20	2022	11	326	217	1,502					
21	2022	12	382	218	1,752					
22	2023	1	366	218	1,679					
23	2023	2	357	219	1,630					
24	2023	3	384	218	1,761	4,404	20,335	243	231	28,104

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUSTST
STREET LIGHTS
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	363	
2	2022	5	366	
3	2022	6	374	
4	2022	7	359	
5	2022	8	402	
6	2022	9	366	
7	2022	10	359	
8	2022	11	326	
9	2022	12	382	
10	2023	1	366	
11	2023	2	357	
12	2023	3	384	4,404,000

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUSTST

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	219	215	16	363	1,688	27,014	
2	2022	5	217	215	16	366	1,702	27,237	
3	2022	6	214	215	16	374	1,740	27,833	
4	2022	7	212	216	15	359	1,662	24,931	
5	2022	8	210	216	15	402	1,861	27,917	
6	2022	9	209	216	15	366	1,694	25,417	
7	2022	10	208	216	15	359	1,662	24,931	
8	2022	11	209	217	14	326	1,502	21,032	
9	2022	12	212	218	13	382	1,752	22,780	
10	2023	1	216	218	13	366	1,679	21,826	
11	2023	2	222	219	12	357	1,630	19,562	
12	2023	3	231	218	13	384	1,761	22,899	293,379
				2,599	173				

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUSTTR
TRAFFIC LIGHTS
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	ACTUAL MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INCR USAGE
1	2021	4	1,191	1,632	730					
2	2021	5	1,159	1,632	710					
3	2021	6	1,160	1,645	705					
4	2021	7	1,136	1,666	682					
5	2021	8	1,149	1,667	689					
6	2021	9	1,193	1,674	713					
7	2021	10	1,124	1,678	670					
8	2021	11	1,140	1,678	679					
9	2021	12	1,223	1,681	728					
10	2022	1	1,207	1,685	716					
11	2022	2	1,167	1,686	692					
12	2022	3	1,188	1,688	704	14,037	8,418		1,695	
13	2022	4	1,127	1,690	667					
14	2022	5	1,145	1,690	678					
15	2022	6	1,152	1,705	676					
16	2022	7	1,133	1,708	663					
17	2022	8	1,166	1,724	676					
18	2022	9	1,166	1,730	674					
19	2022	10	1,179	1,733	680					
20	2022	11	1,131	1,735	652					
21	2022	12	1,229	1,736	708					
22	2023	1	1,234	1,733	712					
23	2023	2	1,161	1,738	668					
24	2023	3	1,182	1,728	684	14,005	8,138	-280	1,737	-243,193

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUSTTR
TRAFFIC LIGHTS
COMMONWEALTH OF VIRGINIA

Obs	Year	Month	ACTUAL MWH	TOTAL ACTUAL KWH (1000 X MWH)
1	2022	4	1,127	
2	2022	5	1,145	
3	2022	6	1,152	
4	2022	7	1,133	
5	2022	8	1,166	
6	2022	9	1,166	
7	2022	10	1,179	
8	2022	11	1,131	
9	2022	12	1,229	
10	2023	1	1,234	
11	2023	2	1,161	
12	2023	3	1,182	14,005,000

NO WEATHER NORMALIZATION EFFECT

VIRGINIA POWER
MONTHLY KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUSTTR

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS	ACTUAL MWH	AVERAGE KWH	CHANGE IN KWH	TOTAL CHANGE IN KWH
1	2022	4	1,700	1,690	47	1,127	667	31,343	
2	2022	5	1,705	1,690	47	1,145	678	31,843	
3	2022	6	1,709	1,705	32	1,152	676	21,621	
4	2022	7	1,714	1,708	29	1,133	663	19,237	
5	2022	8	1,718	1,724	13	1,166	676	8,792	
6	2022	9	1,722	1,730	7	1,166	674	4,718	
7	2022	10	1,726	1,733	4	1,179	680	2,721	
8	2022	11	1,729	1,735	2	1,131	652	1,304	
9	2022	12	1,732	1,736	1	1,229	708	708	
10	2023	1	1,734	1,733	4	1,234	712	2,848	
11	2023	2	1,736	1,738	-1	1,161	668	-668	
12	2023	3	1,737	1,728	9	1,182	684	6,156	130,623
				20,650	194				

VIRGINIA POWER
SUMMARY OF KWH ATTRIBUTABLE TO
CHANGE IN USAGE, WEATHER NORMALIZATION AND CUSTOMER GROWTH
12 MONTHS ENDED MARCH 31, 2023
MS - GOVERNMENTAL SERVICE

Obs	TYPE	KWH ATTRIBUTED TO INCREASED USAGE	TOTAL WEATHER EFFECT KWH	KWH ATTRIBUTED TO CUSTOMER GROWTH	TOTAL KWH
1	MS	-432,548,823	440,204,543	438,220,698	445,876,418
		-432,548,823	440,204,543	438,220,698	445,876,418

VIRGINIA POWER
DERIVATION OF KWH ATTRIBUTABLE TO CHANGE IN USAGE
12 MONTHS ENDED MARCH 31, 2023
CUMS
MS - GOVERNMENTAL SERVICE
NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	CUSTOMERS	MONTHLY AVERAGE KWH	TOTAL MWH	TOTAL AVERAGE KWH PER YEAR	CHANGE IN AVERAGE KWH PER YEAR	PREDICTED END OF PERIOD CUSTOMERS	KWH ATTRIBUTED TO INC. USAGE
1	2021	4	253,652	1,646	154,102					
2	2021	5	441,347	1,646	268,133					
3	2021	6	677,839	1,645	412,060					
4	2021	7	313,967	1,644	190,978					
5	2021	8	473,840	1,639	289,103					
6	2021	9	657,051	1,638	401,130					
7	2021	10	638,459	1,642	388,830					
8	2021	11	241,628	1,642	147,155					
9	2021	12	228,749	1,646	138,973					
10	2022	1	276,784	1,643	168,463					
11	2022	2	228,337	1,647	138,638					
12	2022	3	328,753	1,643	200,093	4,760,405	2,897,657		1,633	
13	2022	4	244,179	1,647	148,257					
14	2022	5	125,718	1,646	76,378					
15	2022	6	471,029	1,649	285,645					
16	2022	7	282,800	1,657	170,670					
17	2022	8	764,550	1,655	461,964					
18	2022	9	1,007,115	1,655	608,529					
19	2022	10	-59,400	1,653	-35,935					
20	2022	11	418,947	1,651	253,754					
21	2022	12	330,154	1,649	200,215					
22	2023	1	176,048	1,781	98,848					
23	2023	2	131,875	1,805	73,061					
24	2023	3	167,229	1,881	88,904	4,060,245	2,430,289	-467,368	1,851	-432,548,823

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
CUMS
MS - GOVERNMENTAL SERVICE
NON-JURISDICTIONAL

Obs	Year	Month	WEATHER NORMALIZED MWH	ACTUAL MWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED MWH	TOTAL ACTUAL MWH	TOTAL WEATHER EFFECT KWH (1000 X MWH)
1	2022	4	244,179	268,045	-23,866			
2	2022	5	125,718	273,126	-147,408			
3	2022	6	471,029	243,853	227,176			
4	2022	7	282,800	343,874	-61,074			
5	2022	8	764,550	331,134	433,416			
6	2022	9	1,007,115	324,949	682,166			
7	2022	10	-59,400	348,375	-407,775			
8	2022	11	418,947	273,941	145,006			
9	2022	12	330,154	310,188	19,966			
10	2023	1	176,048	307,879	-131,831			
11	2023	2	131,875	304,629	-172,754			
12	2023	3	167,229	290,047	-122,818	4,060,245	3,620,040	440,204,543

VIRGINIA POWER
MONTHLY WEATHER NORMALIZED KWH ATTRIBUTED TO CHANGE IN CUSTOMERS
12 MONTHS ENDED MARCH 31, 2023
CUMS

Obs	Year	Month	PREDICTED CUSTOMERS	ACTUAL CUSTOMERS	CHANGE IN CUSTOMERS (TO NEAREST INTEGER)	WEATHER NORMALIZED MWH	AVERAGE KWH WEATHER NORMALIZED	CHANGE IN WEA. NORM. KWH	TOTAL CHANGE IN WEA. NORM. KWH
1	2022	4	1,631	1,647	204	244,179	148,257	30,244,394	
2	2022	5	1,630	1,646	205	125,718	76,378	15,657,467	
3	2022	6	1,632	1,649	202	471,029	285,645	57,700,338	
4	2022	7	1,636	1,657	194	282,800	170,670	33,109,958	
5	2022	8	1,643	1,655	196	764,550	461,964	90,544,894	
6	2022	9	1,655	1,655	196	1,007,115	608,529	119,271,625	
7	2022	10	1,671	1,653	198	-59,400	-35,935	-7,115,063	
8	2022	11	1,692	1,651	200	418,947	253,753	50,750,697	
9	2022	12	1,720	1,649	202	330,154	200,215	40,443,365	
10	2023	1	1,755	1,781	70	176,048	98,848	6,919,349	
11	2023	2	1,798	1,805	46	131,875	73,061	3,360,803	
12	2023	3	1,851	1,881	-30	167,229	88,904	-2,667,129	438,220,698
				20,329	1,883				

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
FERC
MUNICIPALS

Obs	Year	Month	WEATHER NORMALIZED KWH	ACTUAL KWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED KWH	TOTAL ACTUAL KWH	TOTAL WEATHER EFFECT KWH
1	2022	4	100,440,445	101,050,762	-610,317			
2	2022	5	108,484,812	109,659,456	-1,174,644			
3	2022	6	122,255,347	121,290,392	964,955			
4	2022	7	135,458,546	137,272,014	-1,813,468			
5	2022	8	134,700,054	136,513,259	-1,813,205			
6	2022	9	112,181,309	114,519,771	-2,338,462			
7	2022	10	100,227,989	100,489,592	-261,603			
8	2022	11	113,713,285	110,764,041	2,949,243			
9	2022	12	131,331,526	134,944,109	-3,612,583			
10	2023	1	142,159,242	125,418,306	16,740,936			
11	2023	2	123,399,911	109,099,230	14,300,681			
12	2023	3	117,155,539	113,136,837	4,018,702	1,441,508,005	1,414,157,769	27,350,236

VIRGINIA POWER
DERIVATION OF WEATHER NORMALIZATION EFFECT KWH
12 MONTHS ENDED MARCH 31, 2023
FERC
COOPS

Obs	Year	Month	WEATHER NORMALIZED KWH	ACTUAL KWH	WEATHER EFFECT	TOTAL WEATHER NORMALIZED KWH	TOTAL ACTUAL KWH	TOTAL WEATHER EFFECT KWH
1	2022	4	1,921,529	1,936,000	-14,471			
2	2022	5	2,503,001	2,523,000	-19,999			
3	2022	6	2,677,288	2,657,000	20,288			
4	2022	7	3,119,038	3,155,000	-35,962			
5	2022	8	3,103,336	3,141,000	-37,664			
6	2022	9	2,587,006	2,638,000	-50,994			
7	2022	10	1,954,604	1,980,000	-25,396			
8	2022	11	2,834,667	2,731,000	103,667			
9	2022	12	3,522,680	3,624,000	-101,320			
10	2023	1	5,113,608	4,494,000	619,608			
11	2023	2	6,004,324	5,173,000	831,324			
12	2023	3	1,879,166	1,807,000	72,166	37,220,247	35,859,000	1,361,247

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing *Errata Application for a Change in Fuel Component of Electric Rates*, as filed in Docket No. E-22, Sub 675, were served electronically or via U.S. mail, first-class, postage prepaid, upon all parties of record.

This, the 28th day of September, 2023.

/s/Andrea R. Kells
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