McGuireWoods LLP
501 Fayetteville St.
Suite 500
Raleigh, NC 27601
Phone: 919.755.6600
Fax: 919.755.6699
www.mcguirewoods.com

Andrea R. Kells
Direct: 919.755.6614

MCGUIREWOODS

akells@mcguirewoods.com

December 16, 2020

VIA Electronic Filing

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

Re: Docket No. E-100, Sub 167
Biennial Determination of Avoided Cost Rates for Electric Utility Purchases from Qualifying Facilities – 2020

Dear Ms. Campbell:

Please find enclosed for filing in the above-captioned proceeding on behalf of Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (the "Company") the Company's *Corrected Initial Avoided Energy Exhibits*. The Company recently discovered that an error in the PLEXOS modeling used to calculate the avoided energy rates proposed in its Initial Statement and Exhibits filed in this docket on November 2, 2020, resulted in incorrect avoided energy rates that were reflected in that filing. The error was that the start date for a planned pumped storage facility was not properly set to 2030, which impacted every year of the avoided energy rate model. Upon discovery of the error, the Company re-ran the model to produce corrected avoided energy rates, to be reflected in Schedule 19-FP and the exhibits supporting the development of that rate schedule. No other inputs to the PLEXOS model were adjusted for purposes of the re-run.

With this filing, the Company is submitting corrected proposed standard avoided energy rates and supporting exhibits as identified below. In all respects other than the PLEXOS model-derived avoided energy rates, and those only with respect to the start date for the planned pumped storage facility, the Company's proposed avoided energy rates were calculated in the same manner, and using the same pricing periods and other assumptions, including but not limited to congestion impact, fuel hedging benefit, and re-dispatch costs, as described in the November 2, 2020, Initial Statement.

Specifically, with this filing, the Company is submitting the following corrected exhibits related to the avoided energy rates proposed for use in this proceeding:

- Revised Exhibits DENC-1 and DENC-2: redlined and clean copies of Schedule 19-FP reflecting the corrected avoided energy rates, with the corrected rates indicated in yellow highlight;
- Revised DENC-6: calculation of corrected avoided energy rates; and
- Revised DENC-16: proposed annualized corrected avoided energy rates.

Because Exhibit DENC-5, the generation expansion plan, was correct as filed on November 2, 2020, the Company is not resubmitting that exhibit with this filing.

The Company is also contemporaneously with this filing submitting corrected information regarding avoided costs as required by 18 C.F.R. § 292.302(b)(1)-(3).

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

Very truly yours,

/s/Andrea R. Kells

Enclosures
cc: Tim Dodge
Layla Cummings

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

I. APPLICABILITY AND AVAILABILITY

Subject to the limitations of this Section I and to the limitations of G.S. § 62-156(b)(1), this schedule is applicable to any qualifying cogeneration or small power production facility, as defined in 18 C.F.R. § 292.203 (Qualifying Facility), which desires to deliver all of its net electrical output to the Company, and has either (1) generating facilities designated as new capacity as defined by 18 C.F.R. § 292.304(b)(1), or (2) generating facilities that meet the criteria of being owned or operated by a small power producer as defined in G.S. § 62-3(27a), and enters into an agreement for the sale of net electrical output to the Company (Agreement).

Unless otherwise provided by a Commission order setting forth different availability dates, this schedule is available to any Qualifying Facility (otherwise eligible pursuant to the terms hereof) that, no later than the date on which proposed rates are filed in the next biennial avoided cost proceeding after Docket No. E-100, Sub ~~158~~167, (a) has filed a report of proposed construction with the Commission pursuant to Commission Rule R8-65, (b) is a Qualifying Facility, (c) has submitted to the Company a duly executed "Notice of Commitment to Sell the Output of a Qualifying Facility of no Greater than 1 Megawatt Maximum Capacity to Dominion North Carolina Power Company ("Notice of Commitment"), and (d) has submitted a request to interconnect to the Company's system pursuant to Section 2 or Section 3 of the North Carolina Interconnection Procedures ("NCIP"). The form of the Notice of Commitment can be found on the Company's website through the following link: https://www.dominionenergy.com/large-business/selling-power-to-dominion-energy/contracting-to-sell-power. Alternatively, a QF may request a Notice of Commitment form via email to PowerContracts@dominionenergy.com.

Where the Qualifying Facility (QF) elects to be compensated for firm deliveries in accordance with this schedule, the amount of capacity under contract (the "Contracted Capacity") and the initial term of contract shall be limited as set forth below:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

I. APPLICABILITY AND AVAILABILITY (Continued)

A. Where the QF operates generating facilities that meet the criteria of being owned or operated by a small power producer as defined in G.S. § 62-3(27a) the amount of Contracted Capacity subject to compensation shall be no greater than 1,000 kW, and the amount of energy purchased during a given hour at rates applicable to firm deliveries shall be no greater than 1,000 kWh in any hour. The initial term of contract for such a QF shall be for a period no longer than 10 years. The minimum term of contract permitted is one year.

B. Where the QF is not defined under Paragraph I.A., the amount of Contracted Capacity subject to compensation shall be no greater than 1,000 kW, and the amount of energy purchased during a given hour at rates applicable to firm deliveries shall be no greater than 1,000 kWh in any hour. The initial term of contract for such a QF shall be for a period no longer than 10 years. The minimum term of contract permitted is one year.

Where the QF elects to be compensated for fixed or variable deliveries in accordance with this schedule, the QF must begin deliveries to the Company within thirty months of the Commission's order in Docket No. E-100, Sub ~~158~~167 approving this Schedule 19-FP to retain eligibility for the rates contained in this schedule; provided, however, a QF may be allowed additional time to begin deliveries of electrical output to the Company if the QF facilities in question are nearly complete at the end of such thirty month period and the QF is able to demonstrate that it is making a good faith effort to complete its project in a timely manner. Where the QF elects an initial contract term of 10 years, such contract may be renewed for subsequent term(s), at the Company's option, based on substantially the same terms and provisions and at a rate either (1) mutually agreed upon by the parties negotiating in good faith and taking into consideration the Company's then avoided cost rates and other relevant factors or (2) set by arbitration.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

I. APPLICABILITY AND AVAILABILITY (Continued)

This schedule is not available or applicable to a QF owned by a developer, or affiliate of a developer, who sells electrical output to the Company from another facility located within one-half mile unless: (1) each facility provides thermal energy to different, unaffiliated hosts; or (2) each facility provides thermal energy to the same host, and the host has multiple operations with distinctly different or separate thermal needs. For purposes of this paragraph, the distance between facilities shall be measured from the electrical-generating equipment of each facility.

This schedule is not available or applicable to a QF that utilizes a renewable resource, such as hydroelectric, solar, or wind power facilities, which is owned by a developer, or affiliate of a developer who is selling or will sell electrical output to the Company from another QF using the same renewable energy resource located within one-half mile if the combined output of such renewable resource QFs will exceed 1,000 kWh (ac) in any hour. For purposes of this paragraph, distance between QFs shall be measured from the electrical generating equipment of each facility.

II. MONTHLY BILLING TO THE QF

All sales to the QF will be in accordance with any applicable filed rate schedule. In addition, where the QF contracts for sales to the Company, the QF will be billed a monthly charge equal to one of the following to cover the cost of meter reading and processing:

Metering required	Charge
One non-time-differentiated meter	\$16.35
One time-differentiated meter	\$33.72
Two time-differentiated meters	\$39.05

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity)

A. Energy - On-Peak Hours:

Summer

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 2:00 p.m., plus 6:00 p.m. through 10:00 p.m. Monday through Friday, excluding holidays considered off-peak.

Winter

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The on-peak hours are defined as those hours between 8:00 a.m. and 12:00 p.m. ("Winter On-Peak(AM)"), plus 7:00 p.m. through 10:00 p.m. ("Winter On-Peak(PM)"), Monday through Friday, excluding holidays considered off-peak.

Shoulder

(i) For the periods beginning at 12:00 midnight February 28 (February 29 in the case of a leap year) and ending at 12:00 midnight May 31; or

(ii) beginning 12:00 midnight September 30 and ending at 12:00 midnight November 30:

The on-peak hours are defined as those hours between 6:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered off-peak.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

B. Energy - Premium-Peak Hours:

Summer

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The premium-peak hours are defined as the hours between 2:00 p.m. and 6:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Winter

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The premium-peak hours are defined as those hours between 6:00 a.m. and 8:00 a.m., plus 5:00 p.m. through 7:00 p.m., Monday through Friday, excluding holidays considered off-peak.

B. Energy - Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

C. Capacity - On-Peak Hours:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

Summer

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 2:00 p.m. and 8:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Winter

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The on-peak hours are defined as those hours between 5:00 a.m. and 9:00 a.m., plus 5:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Shoulder

(iii) For the periods beginning at 12:00 midnight February 28 (February 29 in the case of a leap year) and ending at 12:00 midnight May 31; or

(iv) beginning 12:00 midnight September 30 and ending at 12:00 midnight November 30:

The on-peak hours are defined as those hours between 6:00 a.m. and 10:00 a.m., plus 5:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered off-peak.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

D. Capacity - Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak;
when the holiday falls on a Sunday, the following Monday will be considered off-peak.

IV. CONTRACT OPTIONS FOR DESIGNATING THE MODE OF OPERATION

The QF shall designate under contract its Mode of Operation from the following options, each of which determines the Company's method of payment.

A. Non-Reimbursement Mode. The QF may contract for the delivery of energy to the Company without reimbursement, designated as the Non-reimbursement Mode of Operation.

B. Energy-Only, Non-time-differentiated or Time-differentiated Variable Mode. The QF may contract for the delivery of energy to the Company where payments are not fixed for the duration of the PPA term; the rates will change with each revision of this schedule, and there is no payment

for capacity to QFs selecting the energy-only option. Where the QF's generation facilities have an aggregate nameplate rating of 100 kW or less the QF may designate the, Non-time-differentiated Mode of Operation.

Regardless of nameplate rating the QF may designate the Time-differentiated Mode of Operation.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

IV. CONTRACT OPTIONS FOR DESIGNATING THE MODE OF OPERATION (Continued)

C. Fixed Mode. The QF may contract for the delivery of both energy and capacity to the Company. The level of capacity which the QF contracts to sell to the Company shall not exceed 1,000 kW.

D. Energy Storage Devices. A QF may elect to contract under options in Paragraphs A through C above with Facility designs that incorporate Energy Storage Devices ("ESD"s). An ESD is defined as a component of a QF facility that uses energy storage technology, including but not limited to battery storage.

V. PAYMENT FOR COMPANY PURCHASES OF ENERGY-ONLY VARIABLE MODE

The QF may contract to receive payment for energy-only determined with each revision of this schedule. These rates will be based upon the QF's Mode of Operation as described below. There are no capacity payments for QFs that contract for energy-only.

A. Non-time-differentiated Mode of Operation. Where the QF's generation facilities have an aggregate nameplate rating of 100 kW or less, and the QF elects the Energy-only, Non-time-differentiated Variable Mode of Operation, the following rates in cents per kWh are applicable:

2.665~~746~~

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

V. PAYMENT FOR COMPANY PURCHASES OF ENERGY-ONLY VARIABLE MODE (Continued)

B. Time-differentiated Mode of Operation. Where the QF designates the Energy-only, Time-differentiated Variable Mode of Operation, the following Premium-Peak, On-Peak, and Off-peak rates in cents per kWh are applicable:

Summer – Premium-Peak	~~3.280~~3.932
Summer – On-Peak	~~2.999~~3.047
Summer – Off-Peak	~~2.170~~2.103
Winter – Premium-Peak	~~3.773~~4.217
Winter – On-Peak (AM)	~~3.607~~3.567
Winter – On-Peak (PM)	~~3.737~~3.609
Winter – Off-Peak	~~3.149~~2.874
Shoulder – On-Peak	~~2.928~~2.884
Shoulder – Off-Peak	~~2.331~~2.119

The rates in both A and B above will be redetermined on a biennial basis on each revision of this schedule; provided, however, that for QFs whose electric energy output is produced from intermittent energy sources (e.g., solar, wind), the applicable rate shall be reduced by 0.078 ¢/kWh.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VI. PAYMENT FOR COMPANY PURCHASES OF ENERGY – FIXED MODE

A QF designating the Fixed Mode of Operation must contract to receive payments for energy under this Section VI based on prices below fixed for the duration of the term. Contract terms for 10 years are available only where the QF is defined under Paragraph I.A.

Summer – Premium-Peak	4.531~~3.514~~
Summer – On-Peak	3.516~~3.309~~
Summer – Off-Peak	2.450~~2.512~~
Winter – Premium-Peak	4.159~~3.693~~
Winter – On-Peak (AM)	3.524~~3.448~~
Winter – On-Peak (PM)	3.568~~3.626~~
Winter – Off-Peak	2.994~~3.075~~
Shoulder – On-Peak	2.872~~2.753~~
Shoulder – Off-Peak	2.260~~2.389~~

Operator shall be paid for energy up to 5% above the Contracted Capacity in any hour at the then applicable energy-only rates under Schedule 19-FP; provided, however, that for QFs whose electric energy output is produced from intermittent energy sources (e.g., solar, wind), that applicable rate shall be reduced by the Re-Dispatch Charge (“RDC”) at a rate of -0.078 ¢/kWh. No payment shall be made for generation in excess of 1,000 kWh in any hour.

The RDC may be reduced through the use of an ESD. Any such reduction shall be evaluated to the extent the Seller is able to demonstrate a reduction in the variability of output, determined by considering (1.) the hourly metered output of the Facility with the benefit of the ESD (“Total Output”); (2.) the hourly metered output of the Facility without the benefit of the ESD (“Base Output”); and (3.) an annual forecast of hourly output to be provided by Seller (“QF Forecast”).

To the extent there is any reduction in variability, its value shall be calculated on a calendar year basis as the percent change (“Reduction Factor”) represented by the ratio of aggregate differences between Total Output to QF Forecast and Base Output to QF Forecast as follows:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VI. PAYMENT FOR COMPANY PURCHASES OF ENERGY – FIXED MODE (Continued)

$$1 - \left(\frac{\sum_{h=1}^{n} Total\ Output \quad - Forecast_h}{\sum_{h=1}^{n} Base\ Output \quad - Forecast_h} \right)$$

Measurement and verification of the Total Output and Base Output requires Operator to install separate metering equipment for the Facility and the ESD. The Reduction Factor shall be used to calculate a credit ("Redispatch Credit") equal to the product of (1.) the Reduction Factor; (2.) the per-megawatt-hour RDC rate; and (3.) the calendar year Total Output:~~.~~

(Reduction Factor) x (RDC Rate) x (Total Output) = Redispatch Credit.

To be eligible for the Redispatch Credit described above, an Operator must provide the Company with a timely and accurate QF Forecast. After the effective date and no less than 90 days prior to COD, Operator shall provide an initial QF Forecast to the Company. Such forecast will be applied for the duration of the term. Otherwise, Operator may provide a new QF Forecast no less than 90 days before the start of any subsequent calendar year to which it shall be applied. Utilization of the most recent QF Forecast received by the Company shall continue until such time as Operator provides a replacement QF Forecast to be used in the next applicable calendar year.

In each subsequent calendar year, the Company will calculate the Redispatch Credit using the prior calendar year QF Forecast and other inputs determined on the basis of the Facility's metered data. Supervisory Control and Data Acquisition ("SCADA") output data may be used when meter data is not available. The Company will issue payment for the Redispatch Credit at regular annual intervals in the form of a line item to offset charges.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY

Company purchases of capacity are applicable only where the QF elects the Fixed Mode of Operation under Section IV.C.

The Company shall pay a levelized capacity payment for each year of the contract term. A swine or poultry waste-fueled generator, or a hydroelectric facility with a capacity of 5 MW or less in capacity that has a power purchase agreement in effect as of July 27, 2017, which commits to sell and deliver energy and capacity for a new fixed contract term prior to the termination of the Operator's existing contract term is considered to avoid a future capacity need for these designated resource types beginning in the first year following the Operator's existing PPA, pursuant to N.C.G.S. § 62-156(b)(3), as amended. For other types of generation, an Operator's commitment to sell and deliver energy and capacity over a future fixed term is considered to avoid an undesignated future capacity need beginning only in the first year when there is an avoidable capacity need identified in the Company's most recent IRP. Levelized payments to such Operators shall therefore incorporate the need for capacity only in those years that the Company's most recent IRP forecast period has demonstrated a capacity need.

The QF will receive payments for capacity based on the pricing below. Capacity payments are applicable during on-peak hours only. Contract terms no longer than 10 years are available only for QFs described in Paragraph I.A.

For hydroelectric facilities with no storage capability and no other type of generation:	
	Capacity Price
On-Peak (¢/kWh) Summer	~~6.065~~7.477
On-Peak (¢/kWh) Winter	~~5.391~~6.805
On-Peak (¢/kWh) Shoulder	~~1.202~~1.531

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY (Continued)

For all other facilities:	
	Capacity Price
On-Peak (¢/kWh) Summer	~~3.245~~4.000
On-Peak (¢/kWh) Winter	~~2.884~~3.641
On-Peak (¢/kWh) Shoulder	~~0.643~~0.819

Payments will be made to the QF by applying the levelized capacity purchase price above to all kWh delivered to the Company during each on-peak hour, up to 100% of the Contracted Capacity in such hour. There will be no compensation for capacity in excess of the QF's Contracted Capacity in an hour. This capacity price shall be paid for the length of term for capacity sales so established in the contract.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VIII. PROVISIONS FOR COMPANY PURCHASE OF THE QF GENERATION

A. The QF shall own and be fully responsible for the costs and performance of the QF's:

1. Generating facility in accordance with all applicable laws and governmental agencies having jurisdiction;

2. Control and protective devices as required by the Company on the QF's side of the meter.

B. The sale of electrical output to the Company by a QF at avoided cost rates pursuant to this Schedule 19-FP does not convey ownership to the Company of the renewable energy credits or green tags associated with the QF facility.

C. The QF is responsible for obtaining an interconnection service agreement for delivery of electrical output generated by its facility onto the Company's electrical system. Information on interconnection procedures for the QF's generation interconnection is provided through the Internet at the Company's website:

https://www.dominionenergy.com/large-business/using-our-facilities/parallel-generation-and-interconnection

If the interconnection is subject to FERC jurisdiction, the interconnection will be in accordance with FERC and PJM Interconnection, L.L.C. requirements.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

IX. MODIFICATION OF RATES AND OTHER PROVISIONS HEREUNDER

The provisions of this schedule, including the rates for purchase of energy and Contracted Capacity by the Company, are subject to modification at any time in the manner prescribed by law, and when so modified, shall supersede the rates and provisions hereof. However, payments to QFs with contracts for a specified term at payments established at the time the obligation is incurred shall remain at the payment levels established in their contract.

If the QF terminates its contract to provide Contracted Capacity and energy to the Company prior to the expiration of the contract term, the QF shall, in addition to other liabilities, be liable to the Company for excess capacity and energy payments.

Such excess payments will be calculated by taking the difference between (1) the total capacity and energy payments already made by the Company to the QF and (2) capacity and energy payments calculated based on the levelized capacity and energy purchase price corresponding to the actual term completed by the QF. These excess payments shall also include interest, from the time such excess payments were made, compounded annually at the rate equal to the Company's most current issue of long-term debt at the time of the contract's effective date.

X. TERM OF CONTRACT

The term of contract shall be mutually agreed upon by the Company and QF, subject to the applicable maximum term limits set forth in Section I. A and B.

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

I. APPLICABILITY AND AVAILABILITY

Subject to the limitations of this Section I and to the limitations of G.S. § 62-156(b)(1), this schedule is applicable to any qualifying cogeneration or small power production facility, as defined in 18 C.F.R. § 292.203 (Qualifying Facility), which desires to deliver all of its net electrical output to the Company, and has either (1) generating facilities designated as new capacity as defined by 18 C.F.R. § 292.304(b)(1), or (2) generating facilities that meet the criteria of being owned or operated by a small power producer as defined in G.S. § 62-3(27a), and enters into an agreement for the sale of net electrical output to the Company (Agreement).

Unless otherwise provided by a Commission order setting forth different availability dates, this schedule is available to any Qualifying Facility (otherwise eligible pursuant to the terms hereof) that, no later than the date on which proposed rates are filed in the next biennial avoided cost proceeding after Docket No. E-100, Sub 167, (a) has filed a report of proposed construction with the Commission pursuant to Commission Rule R8-65, (b) is a Qualifying Facility, (c) has submitted to the Company a duly executed "Notice of Commitment to Sell the Output of a Qualifying Facility of no Greater than 1 Megawatt Maximum Capacity to Dominion North Carolina Power Company ("Notice of Commitment"), and (d) has submitted a request to interconnect to the Company's system pursuant to Section 2 or Section 3 of the North Carolina Interconnection Procedures ("NCIP"). The form of the Notice of Commitment can be found on the Company's website through the following link: https://www.dominionenergy.com/large-business/selling-power-to-dominion-energy/contracting-to-sell-power. Alternatively, a QF may request a Notice of Commitment form via email to PowerContracts@dominionenergy.com.

Where the Qualifying Facility (QF) elects to be compensated for firm deliveries in accordance with this schedule, the amount of capacity under contract (the "Contracted Capacity") and the initial term of contract shall be limited as set forth below:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

I. APPLICABILITY AND AVAILABILITY (Continued)

A. Where the QF operates generating facilities that meet the criteria of being owned or operated by a small power producer as defined in G.S. § 62-3(27a) the amount of Contracted Capacity subject to compensation shall be no greater than 1,000 kW, and the amount of energy purchased during a given hour at rates applicable to firm deliveries shall be no greater than 1,000 kWh in any hour. The initial term of contract for such a QF shall be for a period no longer than 10 years. The minimum term of contract permitted is one year.

B. Where the QF is not defined under Paragraph I.A., the amount of Contracted Capacity subject to compensation shall be no greater than 1,000 kW, and the amount of energy purchased during a given hour at rates applicable to firm deliveries shall be no greater than 1,000 kWh in any hour. The initial term of contract for such a QF shall be for a period no longer than 10 years. The minimum term of contract permitted is one year.

Where the QF elects to be compensated for fixed or variable deliveries in accordance with this schedule, the QF must begin deliveries to the Company within thirty months of the Commission's order in Docket No. E-100, Sub 167 approving this Schedule 19-FP to retain eligibility for the rates contained in this schedule; provided, however, a QF may be allowed additional time to begin deliveries of electrical output to the Company if the QF facilities in question are nearly complete at the end of such thirty month period and the QF is able to demonstrate that it is making a good faith effort to complete its project in a timely manner. Where the QF elects an initial contract term of 10 years, such contract may be renewed for subsequent term(s), at the Company's option, based on substantially the same terms and provisions and at a rate either (1) mutually agreed upon by the parties negotiating in good faith and taking into consideration the Company's then avoided cost rates and other relevant factors or (2) set by arbitration.

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

I. APPLICABILITY AND AVAILABILITY (Continued)

This schedule is not available or applicable to a QF owned by a developer, or affiliate of a developer, who sells electrical output to the Company from another facility located within one-half mile unless: (1) each facility provides thermal energy to different, unaffiliated hosts; or (2) each facility provides thermal energy to the same host, and the host has multiple operations with distinctly different or separate thermal needs. For purposes of this paragraph, the distance between facilities shall be measured from the electrical-generating equipment of each facility.

This schedule is not available or applicable to a QF that utilizes a renewable resource, such as hydroelectric, solar, or wind power facilities, which is owned by a developer, or affiliate of a developer who is selling or will sell electrical output to the Company from another QF using the same renewable energy resource located within one-half mile if the combined output of such renewable resource QFs will exceed 1,000 kWh (ac) in any hour. For purposes of this paragraph, distance between QFs shall be measured from the electrical generating equipment of each facility.

II. MONTHLY BILLING TO THE QF

All sales to the QF will be in accordance with any applicable filed rate schedule. In addition, where the QF contracts for sales to the Company, the QF will be billed a monthly charge equal to one of the following to cover the cost of meter reading and processing:

Metering required	Charge
One non-time-differentiated meter	$16.35
One time-differentiated meter	$33.72
Two time-differentiated meters	$39.05

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity)

A. Energy - On-Peak Hours:

Summer

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 2:00 p.m., plus 6:00 p.m. through 10:00 p.m. Monday through Friday, excluding holidays considered off-peak.

Winter

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The on-peak hours are defined as those hours between 8:00 a.m. and 12:00 p.m. ("Winter On-Peak(AM)"), plus 7:00 p.m. through 10:00 p.m. ("Winter On-Peak(PM)"), Monday through Friday, excluding holidays considered off-peak.

Shoulder

(i) For the periods beginning at 12:00 midnight February 28 (February 29 in the case of a leap year) and ending at 12:00 midnight May 31; or

(ii) beginning 12:00 midnight September 30 and ending at 12:00 midnight November 30:

The on-peak hours are defined as those hours between 6:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered off-peak.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

B. Energy - Premium-Peak Hours:

<u>Summer</u>

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The premium-peak hours are defined as the hours between 2:00 p.m. and 6:00 p.m., Monday through Friday, excluding holidays considered off-peak.

<u>Winter</u>

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The premium-peak hours are defined as those hours between 6:00 a.m. and 8:00 a.m., plus 5:00 p.m. through 7:00 p.m., Monday through Friday, excluding holidays considered off-peak.

B. Energy - Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

C. Capacity - On-Peak Hours:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

Summer

(i) For the periods beginning at 12:00 midnight May 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 2:00 p.m. and 8:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Winter

(ii) For the periods beginning at 12:00 midnight November 30 and ending at 12:00 midnight February 28 (February 29 in the case of a leap year):

The on-peak hours are defined as those hours between 5:00 a.m. and 9:00 a.m., plus 5:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Shoulder

(iii) For the periods beginning at 12:00 midnight February 28 (February 29 in the case of a leap year) and ending at 12:00 midnight May 31; or

(iv) beginning 12:00 midnight September 30 and ending at 12:00 midnight November 30:

The on-peak hours are defined as those hours between 6:00 a.m. and 10:00 a.m., plus 5:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered off-peak.

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

III. DEFINITION OF ON- AND OFF-PEAK HOURS (Energy & Capacity) (Continued)

D. Capacity - Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak;
when the holiday falls on a Sunday, the following Monday will be considered off-peak.

IV. CONTRACT OPTIONS FOR DESIGNATING THE MODE OF OPERATION

The QF shall designate under contract its Mode of Operation from the following options, each of which determines the Company's method of payment.

A. Non-Reimbursement Mode. The QF may contract for the delivery of energy to the Company without reimbursement, designated as the Non-reimbursement Mode of Operation.

B. Energy-Only, Non-time-differentiated or Time-differentiated Variable Mode. The QF may contract for the delivery of energy to the Company where payments are not fixed for the duration of the PPA term; the rates will change with each revision of this schedule, and there is no payment

for capacity to QFs selecting the energy-only option. Where the QF's generation facilities have an aggregate nameplate rating of 100 kW or less the QF may designate the, Non-time-differentiated Mode of Operation.

Regardless of nameplate rating the QF may designate the Time-differentiated Mode of Operation.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

IV. CONTRACT OPTIONS FOR DESIGNATING THE MODE OF OPERATION (Continued)

C. Fixed Mode. The QF may contract for the delivery of both energy and capacity to the Company. The level of capacity which the QF contracts to sell to the Company shall not exceed 1,000 kW.

D. Energy Storage Devices. A QF may elect to contract under options in Paragraphs A through C above with Facility designs that incorporate Energy Storage Devices ("ESD"s). An ESD is defined as a component of a QF facility that uses energy storage technology, including but not limited to battery storage.

V. PAYMENT FOR COMPANY PURCHASES OF ENERGY-ONLY VARIABLE MODE

The QF may contract to receive payment for energy-only determined with each revision of this schedule. These rates will be based upon the QF's Mode of Operation as described below. There are no capacity payments for QFs that contract for energy-only.

A. Non-time-differentiated Mode of Operation. Where the QF's generation facilities have an aggregate nameplate rating of 100 kW or less, and the QF elects the Energy-only, Non-time-differentiated Variable Mode of Operation, the following rates in cents per kWh are applicable:

2.665

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

V. PAYMENT FOR COMPANY PURCHASES OF ENERGY-ONLY VARIABLE MODE (Continued)

B. Time-differentiated Mode of Operation. Where the QF designates the Energy-only, Time-differentiated Variable Mode of Operation, the following Premium-Peak, On-Peak, and Off-peak rates in cents per kWh are applicable:

Summer – Premium-Peak	3.932
Summer – On-Peak	3.047
Summer – Off-Peak	2.103
Winter – Premium-Peak	4.217
Winter – On-Peak (AM)	3.567
Winter – On-Peak (PM)	3.609
Winter – Off-Peak	2.874
Shoulder – On-Peak	2.884
Shoulder – Off-Peak	2.119

The rates in both A and B above will be redetermined on a biennial basis on each revision of this schedule; provided, however, that for QFs whose electric energy output is produced from intermittent energy sources (e.g., solar, wind), the applicable rate shall be reduced by 0.078 ¢/kWh.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VI. PAYMENT FOR COMPANY PURCHASES OF ENERGY – FIXED MODE

A QF designating the Fixed Mode of Operation must contract to receive payments for energy under this Section VI based on prices below fixed for the duration of the term. Contract terms for 10 years are available only where the QF is defined under Paragraph I.A.

Summer – Premium-Peak	4.531
Summer – On-Peak	3.516
Summer – Off-Peak	2.450
Winter – Premium-Peak	4.159
Winter – On-Peak (AM)	3.524
Winter – On-Peak (PM)	3.568
Winter – Off-Peak	2.994
Shoulder – On-Peak	2.872
Shoulder – Off-Peak	2.260

Operator shall be paid for energy up to 5% above the Contracted Capacity in any hour at the then applicable energy-only rates under Schedule 19-FP; provided, however, that for QFs whose electric energy output is produced from intermittent energy sources (e.g., solar, wind), that applicable rate shall be reduced by the Re-Dispatch Charge ("RDC") at a rate of 0.078 ¢/kWh. No payment shall be made for generation in excess of 1,000 kWh in any hour.

The RDC may be reduced through the use of an ESD. Any such reduction shall be evaluated to the extent the Seller is able to demonstrate a reduction in the variability of output, determined by considering (1.) the hourly metered output of the Facility with the benefit of the ESD ("Total Output"); (2.) the hourly metered output of the Facility without the benefit of the ESD ("Base Output"); and (3.) an annual forecast of hourly output to be provided by Seller ("QF Forecast").

To the extent there is any reduction in variability, its value shall be calculated on a calendar year basis as the percent change ("Reduction Factor") represented by the ratio of aggregate differences between Total Output to QF Forecast and Base Output to QF Forecast as follows:

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VI. PAYMENT FOR COMPANY PURCHASES OF ENERGY – FIXED MODE (Continued)

$$1 - \left(\frac{\sum_{h=1}^{n} Total\ Output \ - Forecast_h}{\sum_{h=1}^{n} Base\ Output \ - Forecast_h} \right)$$

Measurement and verification of the Total Output and Base Output requires Operator to install separate metering equipment for the Facility and the ESD. The Reduction Factor shall be used to calculate a credit ("Redispatch Credit") equal to the product of (1.) the Reduction Factor; (2.) the per-megawatt-hour RDC rate; and (3.) the calendar year Total Output:

(Reduction Factor) x (RDC Rate) x (Total Output) = Redispatch Credit.

To be eligible for the Redispatch Credit described above, an Operator must provide the Company with a timely and accurate QF Forecast. After the effective date and no less than 90 days prior to COD, Operator shall provide an initial QF Forecast to the Company. Such forecast will be applied for the duration of the term. Otherwise, Operator may provide a new QF Forecast no less than 90 days before the start of any subsequent calendar year to which it shall be applied. Utilization of the most recent QF Forecast received by the Company shall continue until such time as Operator provides a replacement QF Forecast to be used in the next applicable calendar year.

In each subsequent calendar year, the Company will calculate the Redispatch Credit using the prior calendar year QF Forecast and other inputs determined on the basis of the Facility's metered data. Supervisory Control and Data Acquisition ("SCADA") output data may be used when meter data is not available. The Company will issue payment for the Redispatch Credit at regular annual intervals in the form of a line item to offset charges.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY

Company purchases of capacity are applicable only where the QF elects the Fixed Mode of Operation under Section IV.C.

The Company shall pay a levelized capacity payment for each year of the contract term. A swine or poultry waste-fueled generator, or a hydroelectric facility with a capacity of 5 MW or less in capacity that has a power purchase agreement in effect as of July 27, 2017, which commits to sell and deliver energy and capacity for a new fixed contract term prior to the termination of the Operator's existing contract term is considered to avoid a future capacity need for these designated resource types beginning in the first year following the Operator's existing PPA, pursuant to N.C.G.S. § 62-156(b)(3), as amended. For other types of generation, an Operator's commitment to sell and deliver energy and capacity over a future fixed term is considered to avoid an undesignated future capacity need beginning only in the first year when there is an avoidable capacity need identified in the Company's most recent IRP. Levelized payments to such Operators shall therefore incorporate the need for capacity only in those years that the Company's most recent IRP forecast period has demonstrated a capacity need.

The QF will receive payments for capacity based on the pricing below. Capacity payments are applicable during on-peak hours only. Contract terms no longer than 10 years are available only for QFs described in Paragraph I.A.

For hydroelectric facilities with no storage capability and no other type of generation:	
	Capacity Price
On-Peak (¢/kWh) Summer	7.477
On-Peak (¢/kWh) Winter	6.805
On-Peak (¢/kWh) Shoulder	1.531

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY (Continued)

For all other facilities:	
	Capacity Price
On-Peak (¢/kWh) Summer	4.000
On-Peak (¢/kWh) Winter	3.641
On-Peak (¢/kWh) Shoulder	0.819

Payments will be made to the QF by applying the levelized capacity purchase price above to all kWh delivered to the Company during each on-peak hour, up to 100% of the Contracted Capacity in such hour. There will be no compensation for capacity in excess of the QF's Contracted Capacity in an hour. This capacity price shall be paid for the length of term for capacity sales so established in the contract.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

VIII. PROVISIONS FOR COMPANY PURCHASE OF THE QF GENERATION

A. The QF shall own and be fully responsible for the costs and performance of the QF's:

1. Generating facility in accordance with all applicable laws and governmental agencies having jurisdiction;

2. Control and protective devices as required by the Company on the QF's side of the meter.

B. The sale of electrical output to the Company by a QF at avoided cost rates pursuant to this Schedule 19-FP does not convey ownership to the Company of the renewable energy credits or green tags associated with the QF facility.

C. The QF is responsible for obtaining an interconnection service agreement for delivery of electrical output generated by its facility onto the Company's electrical system. Information on interconnection procedures for the QF's generation interconnection is provided through the Internet at the Company's website:

https://www.dominionenergy.com/large-business/using-our-facilities/parallel-generation-and-interconnection

If the interconnection is subject to FERC jurisdiction, the interconnection will be in accordance with FERC and PJM Interconnection, L.L.C. requirements.

(Continued)

Schedule 19 - FP
POWER PURCHASES FROM
COGENERATION AND SMALL POWER PRODUCTION
QUALIFYING FACILITIES

(Continued)

IX. MODIFICATION OF RATES AND OTHER PROVISIONS HEREUNDER

The provisions of this schedule, including the rates for purchase of energy and Contracted Capacity by the Company, are subject to modification at any time in the manner prescribed by law, and when so modified, shall supersede the rates and provisions hereof. However, payments to QFs with contracts for a specified term at payments established at the time the obligation is incurred shall remain at the payment levels established in their contract.

If the QF terminates its contract to provide Contracted Capacity and energy to the Company prior to the expiration of the contract term, the QF shall, in addition to other liabilities, be liable to the Company for excess capacity and energy payments.

Such excess payments will be calculated by taking the difference between (1) the total capacity and energy payments already made by the Company to the QF and (2) capacity and energy payments calculated based on the levelized capacity and energy purchase price corresponding to the actual term completed by the QF. These excess payments shall also include interest, from the time such excess payments were made, compounded annually at the rate equal to the Company's most current issue of long-term debt at the time of the contract's effective date.

X. TERM OF CONTRACT

The term of contract shall be mutually agreed upon by the Company and QF, subject to the applicable maximum term limits set forth in Section I. A and B.

Development of Fixed, Levelized Energy Purchase Prices for QFs
2020 North Carolina Schedule 19 Filing, Docket No. E-100, Sub 167

Sub Period	Name	Abr.	Months	Weekday Hours	Weekend Hours
Sub1	Summer Premium Peak	(S-PP)	Jun-Sep	15-18	
Sub2	Summer On-Peak	(S-On)	Jun-Sep	11-14,19-22	
Sub3	Summer Off-Peak	(S-Off)	Jun-Sep	1-10,23-24	1-24
Sub4	Winter Premium Peak	(W-PP)	Dec-Feb	7-8,18-19	
Sub5	Winter On-Peak(am)	(W-On-AM)	Dec-Feb	9-12	
Sub6	Winter On-Peak(pm)	(W-On-PM)	Dec-Feb	20-22	
Sub7	Winter Off-Peak	(W-Off)	Dec-Feb	1-6,23-24	1-24
Sub8	Shoulder On-Peak	(Sh-On)	Shoulder	7-22	
Sub9	Shoulder Off-Peak	(Sh-Off)	Shoulder	1-6,23-24	1-24

Plexos Results Avoided Energy(¢/kWh)

		Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9
1	**2021**	3.994	3.060	2.129	4.105	3.439	3.500	2.999	3.006	2.187
2	**2022**	4.152	3.179	2.154	4.706	3.984	4.003	2.986	2.993	2.155
3	**2023**	4.488	3.434	2.387	4.316	3.645	3.674	2.963	2.822	2.205
4	**2024**	4.734	3.631	2.476	4.477	3.810	3.831	3.248	2.853	2.283
5	**2025**	4.868	3.739	2.577	4.212	3.587	3.624	3.182	2.850	2.274
6	**2026**	5.432	4.166	2.903	4.492	3.751	3.836	3.313	3.176	2.498
7	**2027**	4.892	3.754	2.636	4.038	3.365	3.447	3.167	2.965	2.336
8	**2028**	5.089	3.908	2.743	4.481	3.788	3.820	3.193	3.112	2.449
9	**2029**	4.776	3.669	2.553	4.182	3.537	3.574	3.013	3.005	2.399
10	**2030**	5.169	3.973	2.776	4.400	3.729	3.759	3.231	3.212	2.600
11	**2031**	4.783	3.690	2.590	4.379	3.713	3.773	3.171	3.074	2.494

	Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9
Adj for LMP	0.965	0.976	0.981	0.957	0.961	0.961	0.960	0.961	0.975
Avoided Hedge Benefits (¢/kwh)	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

Adjusted for LMP Impact and Avoided Hedge Benefit (¢/kWh)

		Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9
1	**2021**	3.856	2.988	2.091	3.930	3.305	3.367	2.879	2.890	2.135
2	**2022**	4.008	3.105	2.115	4.505	3.829	3.851	2.868	2.877	2.103
3	**2023**	4.332	3.354	2.344	4.132	3.503	3.534	2.845	2.713	2.152
4	**2024**	4.570	3.546	2.432	4.286	3.661	3.685	3.119	2.743	2.228
5	**2025**	4.699	3.652	2.530	4.032	3.448	3.486	3.056	2.740	2.220
6	**2026**	5.243	4.069	2.850	4.300	3.605	3.690	3.181	3.053	2.437
7	**2027**	4.721	3.666	2.588	3.865	3.234	3.316	3.041	2.851	2.280
8	**2028**	4.912	3.816	2.693	4.289	3.641	3.675	3.066	2.992	2.390
9	**2029**	4.609	3.583	2.507	4.003	3.400	3.438	2.893	2.890	2.342
10	**2030**	4.989	3.880	2.726	4.212	3.584	3.616	3.103	3.088	2.537
11	**2031**	4.616	3.604	2.543	4.192	3.569	3.630	3.044	2.956	2.433

Variable Energy Rate (¢/kWh)

Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9	Non-time differentiated
3.932	3.047	2.103	4.217	3.567	3.609	2.874	2.884	2.119	2.665

DISCOUNT RATE = 6.830%

Beginning of Year 2021 Present Value (¢/kWh)

	PV Factor		Sub1	Sub2	Sub3	Sub4	Sub5	Sub6	Sub7	Sub8	Sub9
1	0.9361	**2021**	3.609	2.797	1.957	3.678	3.094	3.152	2.695	2.705	1.998
2	0.8762	**2022**	3.512	2.721	1.853	3.948	3.355	3.374	2.513	2.521	1.843
3	0.8202	**2023**	3.553	2.751	1.922	3.389	2.873	2.899	2.334	2.225	1.765
4	0.7678	**2024**	3.508	2.723	1.867	3.290	2.811	2.829	2.395	2.106	1.710
5	0.7187	**2025**	3.377	2.625	1.818	2.898	2.478	2.505	2.196	1.969	1.595
6	0.6727	**2026**	3.527	2.737	1.917	2.893	2.425	2.482	2.140	2.054	1.640
7	0.6297	**2027**	2.973	2.308	1.630	2.434	2.036	2.088	1.915	1.795	1.436
8	0.5895	**2028**	2.896	2.250	1.587	2.528	2.146	2.166	1.807	1.764	1.409
9	0.5518	**2029**	2.543	1.977	1.383	2.209	1.876	1.897	1.597	1.594	1.292
10	0.5165	**2030**	2.577	2.004	1.408	2.175	1.851	1.868	1.602	1.595	1.311
		CUMULATIVE	32.075	24.893	17.343	29.442	24.946	25.261	21.194	20.329	15.999
		LEVELIZED RATE	4.531	3.516	2.450	4.159	3.524	3.568	2.994	2.872	2.260

DOMINION ENERGY NORTH CAROLINA
SCHEDULE FP
Year 2020 Proposed Rates (Annualized)
Cents per kWH
Proposed Rates filed November 1st, 2020

Performance Adjustment Fa **1.07**

Cents/kWh

PROPOSED RATE DESIGN

Line No.	Description		Variable Rate	Fixed Long-Term Rates 10-Year
1	Energy Credit	Summer - Premium Peak	3.932	4.531
2	Energy Credit	Summer - On Peak	3.047	3.516
3	Energy Credit	Summer - Off Peak	2.103	2.450
4	Energy Credit	Winter - Premium Peak	4.217	4.159
5	Energy Credit	Winter - On Peak (AM)	3.567	3.524
6	Energy Credit	Winter - On Peak (PM)	3.609	3.568
7	Energy Credit	Winter - Off Peak	2.874	2.994
8	Energy Credit	Shoulder - On Peak	2.884	2.872
9	Energy Credit	Shoulder - Off Peak	2.119	2.260
10	Capacity Credit	Summer Month		4.000
11	Capacity Credit	Winter Month		3.641
12	Capacity Credit	Shoulder Month		0.819
13	Annualized Energy		2.579	2.846
14	Annualized Capacity			0.524
15	Annualized Total			3.370

The Energy Rates shown above are for dispatchable QFs whose generation is not intermittent.
The Energy Rates are decreased by 0.078 cents per kWh for QFs whose generation is intermittent in nature (solar, wind, …).

NOTE: Calculation of Annualized Numbers

Annualized Energy ((S-PP*344)+(S-On*688)+(S-Off*1896)
+(W-PP*244)+(W-On AM*244)+(W-On PM*183)+(W-Off*1489)
+(Sh-On*1680)+(Sh-Off*1992))/8760

Annualized Capacity (summer rate*516+ winter rate*504+ shoulder rate*840)/8760

Annualized Total Annualized Energy + Annualized Capacity

Key: Subperiod Abbreviation

Sub Period	Description	Abbreviation
1	Summer - Premium Peak	(S-PP)
2	Summer - On Peak	(S-On)
3	Summer - Off Peak	(S-Off)
4	Winter - Premium Peak	(W-PP)
5	Winter - On Peak (AM)	(W-On-AM)
6	Winter - On Peak (PM)	(W-On-PM)
7	Winter - Off Peak	(W-Off)
8	Shoulder - On Peak	(Sh-On)
9	Shoulder - Off Peak	(Sh-Off)

DOMINION ENERGY NORTH CAROLINA
SCHEDULE FP
Year 2020 Proposed Rates (Annualized)
Cents per kWH
Proposed Rates filed November 1st, 2020

Performance Adjustment Factor: **2.00**

Cents/kWh

PROPOSED RATE DESIGN

Line No.	Description		Variable Rate	Fixed Long-Term Rates 10-Year
1	Energy Credit	Summer - Premium Peak	3.932	4.531
2	Energy Credit	Summer - On Peak	3.047	3.516
3	Energy Credit	Summer - Off Peak	2.103	2.450
4	Energy Credit	Winter - Premium Peak	4.217	4.159
5	Energy Credit	Winter - On Peak (AM)	3.567	3.524
6	Energy Credit	Winter - On Peak (PM)	3.609	3.568
7	Energy Credit	Winter - Off Peak	2.874	2.994
8	Energy Credit	Shoulder - On Peak	2.884	2.872
9	Energy Credit	Shoulder - Off Peak	2.119	2.260
10	Capacity Credit	Summer Month		7.477
11	Capacity Credit	Winter Month		6.805
12	Capacity Credit	Shoulder Month		1.531
13	Annualized Energy		2.579	2.846
14	Annualized Capacity			0.979
15	Annualized Total			3.825

The Energy Rates shown above are for dispatchable QFs whose generation is not intermittent.
The Energy Rates are decreased by 0.078 cents per kWh for QFs whose generation is intermittent in nature (solar, wind, …).

NOTE: Calculation of Annualized Numbers

Annualized Energy ((S-PP*344)+(S-On*688)+(S-Off*1896)
+(W-PP*244)+(W-On AM*244)+(W-On PM*183)+(W-Off*1489)
+(Sh-On*1680)+(Sh-Off*1992))/8760
Annualized Capacity (summer rate*516+ winter rate*504+ shoulder rate*840)/8760
Annualized Total Annualized Energy + Annualized Capacity

Key: Subperiod Abbreviation

Sub Period	Description	Abbreviation
1	Summer - Premium Peak	(S-PP)
2	Summer - On Peak	(S-On)
3	Summer - Off Peak	(S-Off)
4	Winter - Premium Peak	(W-PP)
5	Winter - On Peak (AM)	(W-On-AM)
6	Winter - On Peak (PM)	(W-On-PM)
7	Winter - Off Peak	(W-Off)
8	Shoulder - On Peak	(Sh-On)
9	Shoulder - Off Peak	(Sh-Off)

VERIFICATION

NCUC Docket No. E-100, Sub 167

I, Jeffrey D. Matzen, Manager Integrated Strategic Planning for Virginia Electric and Power Company, do solemnly swear that the facts stated in the foregoing *Corrected Initial Avoided Energy Exhibits of Dominion Energy North Carolina*, insofar as they relate to Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina, are true and correct to the best of my knowledge and belief.

Jeffrey D. Matzen

COMMONWEALTH OF VIRGINIA)
County of Chesterfield) to wit:
~~City of Richmond~~)

The foregoing instrument was sworn to and acknowledged before me this 16th day of December, 2020.

Teresa G. Maxey
Notary Public

My registration number is 281896 and my commission expires:

9-30-23

Teresa G. Maxey
Commonwealth of Virginia
Notary Public
Commission No. 281896
My Commission Expires 9/30/2023

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing *Corrected Initial Avoided Energy Exhibits*, filed in Docket No. E-100, Sub 167, were served electronically or via U.S. mail, first-class postage prepaid, upon all parties of record.

This the 16th day of December, 2020.

/s/Andrea R. Kells

Andrea R. Kells
McGuireWoods LLP
501 Fayetteville Street, Suite 500
Raleigh, North Carolina 27601
Telephone: (919) 755-6614
akells@mcguirewoods.com

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