

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, (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>. Alternatively, a QF may request a Notice of Commitment form via email to [PowerContracts@dominionenergy.com](mailto: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)

Filed 11-01-18  
Electric-North Carolina

Superseding Filing Effective For Usage  
On and After 11-28-17. This Filing  
Effective For Usage On and After 11-01-18.

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 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)

Filed 11-01-18  
Electric-North Carolina

Superseding Filing Effective For Usage  
On and After 11-28-17. This Filing  
Effective For Usage On and After 11-01-18.

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:

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

(Continued)

Filed 11-01-18  
Electric-North Carolina

Superseding Filing Effective For Usage  
On and After 11-28-17. This Filing  
Effective For Usage On and After 11-01-18.

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 April 30 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 11:00 a.m. and 9:00 p.m., Monday through Sunday, 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 6:00 a.m. and 12:00 p.m., plus 5:00 p.m. through 9:00 p.m., Monday through Sunday, 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 April 30; 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 12:00 p.m., plus 5:00 p.m. through 9:00 p.m., Monday through Sunday, 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 - 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:

Summer

- (i) For the periods beginning at 12:00 midnight April 30 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.

(Continued)

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

(Continued)

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 April 30; 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.

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

(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)

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.

- 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.

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:

2.747

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

On-Peak (¢/kWh)	3.183
Off-peak (¢/kWh)	2.435

(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)

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 0.178 ¢/kWh.

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.

On-Peak (¢/kWh)	3.211
Off-peak (¢/kWh)	2.523

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 0.178 ¢/kWh. No payment shall be made for generation in excess of 1,000 kWh in any hour.

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; such levelized payments shall incorporate the need for capacity only in those years that the Company's 2018 IRP forecast period has demonstrated a capacity need.

(Continued)

Filed 11-01-18  
 Electric-North Carolina

Superseding Filing Effective For Usage  
 On and After 11-28-17. This Filing  
 Effective For Usage On and After 11-01-18.



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

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY (Continued)

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.

<u>For hydroelectric facilities with no storage capability and no other type of generation:</u>	
	Capacity Price
On-Peak (¢/kWh) Summer	5.341
On-Peak (¢/kWh) Winter	5.391
On-Peak (¢/kWh) Shoulder	0.987

For all other facilities:	
	Capacity Price
On-Peak (¢/kWh) Summer	2.857
On-Peak (¢/kWh) Winter	2.884
On-Peak (¢/kWh) Shoulder	0.528

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; provided, however, that for QFs whose electric energy output is produced from intermittent energy sources (e.g., solar, wind), annual avoided capacity payments will be limited to the applicable percentage of the maximum capacity payments the QF could receive if it generated at full output during all of the seasonal peak hours, as follows:

(Continued)

Filed 11-01-18  
Electric-North Carolina

Superseding Filing Effective For Usage  
On and After 11-28-17. This Filing  
Effective For Usage On and After 11-01-18.

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

(Continued)

VII. PAYMENT FOR COMPANY PURCHASES OF CAPACITY (Continued)

Generation Resource Type	Annual Capacity Payment Cap (\$/kW/yr)
Solar - tracking	\$8.55
Solar – fixed tilt	\$5.95
Wind	\$4.83

QFs subject to this annual capacity payment limit will receive monthly capacity payments until the applicable cap is reached, at which point no further capacity payments will be made to the QF during that year of the contract.

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.

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.