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April 3, 2023

**VIA ELECTRONIC FILING**

Ms. A. Shonta Dunston  
Chief Clerk  
North Carolina Utilities Commission  
4325 Mail Service Center  
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's  
Net Energy Metering Compliance Tariffs  
Docket No. E-100, Sub 180**

Dear Ms. Dunston:

Pursuant to the North Carolina Utilities Commission's Rule R8-25(a) and the Commission's *Order Approving Revised Net Metering Tariffs* issued on March 23, 2023, enclosed for filing in the above-referenced docket are Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's compliance tariffs in clean and redlined forms. These tariffs have been updated to reflect the changes in Net Energy Metering rates that will be effective on July 1, 2023.

Please do not hesitate to contact me if you have any questions or need additional information.

Sincerely,

Kathleen H. Richard

Enclosures

cc: Parties of Record

OFFICIAL COPY

Apr 03 2023

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's Net Energy Metering Compliance Tariffs, in Docket No. E-100, Sub 180, has been served by electronic mail, hand delivery or by depositing a copy in the United States mail, postage prepaid to the parties of record.

This the 3<sup>rd</sup> day of April, 2023.



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DEC NEM Compliance Tariff  
Docket No. E-100, Sub 180

Clean and Redlined Versions

RIDER NM (NC)  
NET METERING

AVAILABILITY (North Carolina Only)

Available to residential and nonresidential Customers, subject to the terms below, receiving concurrent service from the Company where a photovoltaic, wind-powered, micro-hydro or biomass-fueled generation source of energy, is installed on the Customer’s side of the delivery point, for the Customer’s own use, interconnected with and operated in parallel with the Company’s distribution system.

This Rider is closed to new residential participants on and after July 1, 2023.

Residential participants and subsequent owners of the installed generation system (collectively, “Residential Participants”) who applied for service under this Rider prior to July 1, 2023 shall remain eligible for service under this Rider until December 31, 2026. Residential Participants will be required to transfer to Net Metering Bridge Rider NMB or another net metering rider in effect at the time by January 1, 2027.

GENERAL PROVISIONS

1. To qualify for service under this Rider, a residential Customer may be served on any residential rate schedule. The Nameplate Rating of the Customer’s installed generation system and equipment must not exceed the estimated maximum monthly kilowatt (kW) demand of the residence or 20 kW, whichever is less.
2. To qualify for service under this Rider, a nonresidential Customer may be served under one of the Company’s general service or industrial rate schedules that does not otherwise provide for parallel operation of a customer generator. The Nameplate Rating of the Customer’s installed generation system and equipment must not exceed the Customer’s Contract Demand or 1000 kW, whichever is less.
3. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the Customer-Generator during a monthly billing period, the Customer-Generator shall be billed for the net electricity in kilowatt hours supplied by the Company, plus any demand or other charges under the applicable rate schedule. If the electricity delivered to the grid by the Customer-Generator exceeds the electricity in kilowatt hours supplied by the utility during a monthly billing period, the Customer-Generator shall be credited for the excess kilowatt hours generated during that billing period. Charges or credits will be determined using the appropriate energy rates of the applicable rate schedule as further outlined in the RATE paragraph below.
4. All other provisions of the applicable rate schedule including, but not limited to, Determination of Billing Demand, Determination of On-Peak and Off-Peak Hours, Definition of Month, Contract Demand, Approved Fuel Charge Adjustments, etc. will apply to service supplied under this Rider.
5. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer’s request for service under this Rider.
6. Customers served under this Rider are not eligible to participate in NC GreenPower.
7. For any customer receiving service under a non-time of use demand rate schedule, any renewable energy credits (RECs) shall be retained by the Company.

RATE

The rate shall be the applicable time of use demand rate schedule and the monthly bill shall be determined as follows:

- I. The Basic Facilities Charge shall be the Basic Facilities Charge from the applicable rate schedule.
- II. The Demand Charge shall be determined from the applicable schedule as appropriate.
- III. Energy Charges (or Credits) shall be based on the net kilowatt hours purchased from or delivered to the Company for the bill month. For any bill month during which the Energy Charges are a net credit, the respective Energy Charges for

RIDER NM (NC)  
NET METERING

the month shall be zero. Any Energy Credits shall carry forward on following month's bill. If the customer is on a time of use rate, the energy credits shall carry forward by first applying ~~excess On-Peak kWh against On-Peak kWh charges and excess Off-peak kWh against Off-peak kWh charges, then applying any remaining On-Peak kWh against any remaining Off-Peak kWh charges~~ energy credits to usage within the same TOU period, then applying any remaining energy credits to lower TOU periods in descending order by price. Effective with the seasonal rate change on June 1 of each year, any accrued credit will be reset to zero. Credits shall not offset the Basic Facilities Charge or the Demand Charge.

- IV. A Standby Charge of \$1.7235 per kW per month will apply to all nonresidential customers where the generator is larger than 100 kW.

MINIMUM BILL

The monthly minimum bill for Customers receiving service under this Rider shall be no less than Basic Facilities Charge plus the if applicable, any of the following charges: the Demand Charge, the Economy Demand Charge, the Standby Charge, and the Extra Facilities Charge.

DETERMINATION OF STANDBY CHARGES

The Company will require each Customer served under this Rider with a generator system of more than 100 kW to contract for standby, auxiliary or breakdown service. For billing purposes, the Standby kW will be based on the Nameplate Rating, in kilowatts, of the Customer's system.

METERING REQUIREMENTS

The Company will furnish, install, own and maintain metering to measure the kilowatt demand delivered by the Company to the Customer, and to measure the net kilowatt-hours purchased by the Customer or delivered to the Company. The Company shall have the right to install special metering and load research devices on the Customer's equipment and the right to use the Customer's telephone line for communication with the Company's and the Customer's equipment.

SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS

This Rider is only applicable for installed generation systems and equipment that comply with the provisions outlined in the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generator Interconnections (hereinafter "Interconnection Procedures") as approved by the North Carolina Utilities Commission.

The Customer must submit a Request to Interconnect, which must be accepted by the Company, pay an application fee, comply with the liability insurance requirements of the Interconnection Procedures and enter into a specific contract providing for interconnection to the Company's system.

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Procedures. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Procedures and is being operated in parallel with the Company's system.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Procedures. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Procedures, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly charge under the Extra Facilities provisions of the Company's Service Regulations provided, however, that the minimum Extra Facilities charge shall not apply.

RIDER NM (NC)  
NET METERING

POWER FACTOR CORRECTION

When the average monthly power factor of the power supplied by the Customer to the Company is less than 90 percent or greater than 97 percent, the Company may correct the energy in kilowatt-hours, as appropriate. The Company reserves the right to install facilities necessary for the measurement of power factor. The Company will not install such equipment, nor make a power factor correction if the generator system is less than 20 kW and uses an inverter.

CONTRACT PERIOD

Each Customer shall enter into a contract for a minimum original term of one (1) year, except that either party may terminate the contract after one year by giving at least sixty (60) days previous notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early cancellation, in accordance with the Company's North Carolina Service Regulations.

RIDER NM (NC)  
NET METERING

AVAILABILITY (North Carolina Only)

Available to residential and nonresidential Customers, subject to the terms below, receiving concurrent service from the Company where a photovoltaic, wind-powered, micro-hydro or biomass-fueled generation source of energy, is installed on the Customer’s side of the delivery point, for the Customer’s own use, interconnected with and operated in parallel with the Company’s distribution system.

This Rider is closed to new residential participants on and after July 1, 2023.

Residential participants and subsequent owners of the installed generation system (collectively, “Residential Participants”) who applied for service under this Rider prior to July 1, 2023 shall remain eligible for service under this Rider until December 31, 2026. Residential Participants will be required to transfer to Net Metering Bridge Rider NMB or another net metering rider in effect at the time by January 1, 2027.

GENERAL PROVISIONS

1. To qualify for service under this Rider, a residential Customer may be served on any residential rate schedule. The Nameplate Rating of the Customer’s installed generation system and equipment must not exceed the estimated maximum monthly kilowatt (kW) demand of the residence or 20 kW, whichever is less.
2. To qualify for service under this Rider, a nonresidential Customer may be served under one of the Company’s general service or industrial rate schedules that does not otherwise provide for parallel operation of a customer generator. The Nameplate Rating of the Customer’s installed generation system and equipment must not exceed the Customer’s Contract Demand or 1000 kW, whichever is less.
3. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the Customer-Generator during a monthly billing period, the Customer-Generator shall be billed for the net electricity in kilowatt hours supplied by the Company, plus any demand or other charges under the applicable rate schedule. If the electricity delivered to the grid by the Customer-Generator exceeds the electricity in kilowatt hours supplied by the utility during a monthly billing period, the Customer-Generator shall be credited for the excess kilowatt hours generated during that billing period. Charges or credits will be determined using the appropriate energy rates of the applicable rate schedule as further outlined in the RATE paragraph below.
4. All other provisions of the applicable rate schedule including, but not limited to, Determination of Billing Demand, Determination of On-Peak and Off-Peak Hours, Definition of Month, Contract Demand, Approved Fuel Charge Adjustments, etc. will apply to service supplied under this Rider.
5. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer’s request for service under this Rider.
6. Customers served under this Rider are not eligible to participate in NC GreenPower.
7. For any customer receiving service under a non-time of use demand rate schedule, any renewable energy credits (RECs) shall be retained by the Company.

RATE

The rate shall be the applicable time of use demand rate schedule and the monthly bill shall be determined as follows:

- I. The Basic Facilities Charge shall be the Basic Facilities Charge from the applicable rate schedule.
- II. The Demand Charge shall be determined from the applicable schedule as appropriate.
- III. Energy Charges (or Credits) shall be based on the net kilowatt hours purchased from or delivered to the Company for the bill month. For any bill month during which the Energy Charges are a net credit, the respective Energy Charges for

RIDER NM (NC)  
NET METERING

the month shall be zero. Any Energy Credits shall carry forward on following month's bill. If the customer is on a time of use rate, the energy credits shall carry forward by first applying energy credits to usage within the same TOU period, then applying any remaining energy credits to lower TOU periods in descending order by price. Effective with the seasonal rate change on June 1 of each year, any accrued credit will be reset to zero. Credits shall not offset the Basic Facilities Charge or the Demand Charge.

- IV. A Standby Charge of \$1.7235 per kW per month will apply to all nonresidential customers where the generator is larger than 100 kW.

MINIMUM BILL

The monthly minimum bill for Customers receiving service under this Rider shall be no less than Basic Facilities Charge plus the if applicable, any of the following charges: the Demand Charge, the Economy Demand Charge, the Standby Charge, and the Extra Facilities Charge.

DETERMINATION OF STANDBY CHARGES

The Company will require each Customer served under this Rider with a generator system of more than 100 kW to contract for standby, auxiliary or breakdown service. For billing purposes, the Standby kW will be based on the Nameplate Rating, in kilowatts, of the Customer's system.

METERING REQUIREMENTS

The Company will furnish, install, own and maintain metering to measure the kilowatt demand delivered by the Company to the Customer, and to measure the net kilowatt-hours purchased by the Customer or delivered to the Company. The Company shall have the right to install special metering and load research devices on the Customer's equipment and the right to use the Customer's telephone line for communication with the Company's and the Customer's equipment.

SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS

This Rider is only applicable for installed generation systems and equipment that comply with the provisions outlined in the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generator Interconnections (hereinafter "Interconnection Procedures") as approved by the North Carolina Utilities Commission.

The Customer must submit a Request to Interconnect, which must be accepted by the Company, pay an application fee, comply with the liability insurance requirements of the Interconnection Procedures and enter into a specific contract providing for interconnection to the Company's system.

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Procedures. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Procedures and is being operated in parallel with the Company's system.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Procedures. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Procedures, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly charge under the Extra Facilities provisions of the Company's Service Regulations provided, however, that the minimum Extra Facilities charge shall not apply.



RIDER NM (NC)  
NET METERING

POWER FACTOR CORRECTION

When the average monthly power factor of the power supplied by the Customer to the Company is less than 90 percent or greater than 97 percent, the Company may correct the energy in kilowatt-hours, as appropriate. The Company reserves the right to install facilities necessary for the measurement of power factor. The Company will not install such equipment, nor make a power factor correction if the generator system is less than 20 kW and uses an inverter.

CONTRACT PERIOD

Each Customer shall enter into a contract for a minimum original term of one (1) year, except that either party may terminate the contract after one year by giving at least sixty (60) days previous notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early cancellation, in accordance with the Company's North Carolina Service Regulations.

RIDER NMB (NC)  
NET METERING BRIDGE

AVAILABILITY (North Carolina Only)

Available to residential customers receiving concurrent service from the Company where a renewable energy resource is installed on the Customer’s side of the delivery point, for the Customer’s own use, interconnected with and operated in parallel with the Company’s distribution system. Each Customer receiving service under this Rider must be an owner, operator, or lessee of an electric generation system that generates or discharges electricity from a renewable energy resource, including an energy storage device configured to receive electrical charge solely from onsite renewable energy generation. For service under this Rider, renewable energy generation includes solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer’s site; or hydro-powered generating system. The generation system must be located at a single premise and owned, operated, leased or otherwise controlled by the Customer.

New participation under this Rider shall be limited to the Annual Capacity defined below, subject to the terms of the Stipulation between the Company and North Carolina Rooftop Solar Installers filed May 19, 2022. Annual Capacity is available on a “first-come, first-served” basis and is reserved upon submission of a valid interconnection application. A customer who applies after the Annual Capacity is met must either (a) withdraw the application and submit it again in a subsequent year, or (b) receive service under Residential Solar Choice Rider RSC and an eligible rate schedule.

<u>Year</u>	<u>Annual Capacity (kW AC)</u>
2023	14,500
2024	31,900
2025	35,100
2026	38,700

This Rider will be closed to new participants on and after January 1, 2027.

Participants and subsequent owners of the installed generation system (collectively, “Participants”) who applied for service under this Rider prior to January 1, 2027 shall remain eligible for service under this Rider for up to 15 calendar years from the submission date of the applicable interconnection application (“Bridge Rate Period”). After the applicable Bridge Rate Period, Participants will be required to transfer to Rider RSC or another net metering tariff in effect at the time.

GENERAL PROVISIONS

1. To qualify for service under this Rider, the Customer must comply with all applicable interconnection standards and must provide in writing the Nameplate Capacity of the Customer’s installed generation system. Any subsequent change to the Nameplate Capacity must be provided by Customer to Company in writing by no later than 60 days following the change.
2. Customers served under this Rider may not be served under another parallel generation rider or participate in NC GreenPower. The Nameplate Capacity of Customer’s installed generation system and equipment must not exceed the estimated maximum monthly demand of the residence or 20 kW AC, whichever is less.
3. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer’s request for service under this Rider.
4. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the Customer during a monthly billing period, the Customer shall be billed for the net electricity in kilowatt-hours (kWh) supplied by the Company, plus any demand or other charges under the applicable rate schedule. If the electricity delivered to the grid by the Customer exceeds the electricity supplied by the Company during a monthly billing period, the Customer shall be credited for the net excess energy at the Net Excess Energy Credit rate below.
5. For Customers served under a TOU rate schedule, net electricity will be calculated for each TOU period. After offsetting usage in the same TOU period, any remaining excess energy will be applied to lower TOU periods in descending order

**RIDER NMB (NC)  
NET METERING BRIDGE**

by price. After net electricity has been calculated for all TOU periods, the Customer shall be credited for any remaining net excess energy at the Net Excess Energy Credit rate below.

- 6. For customers served under a CPP rate schedule, Critical Peak hours will be considered a separate TOU pricing period for the purpose of netting, such that electricity delivered to the grid by the Customer during Critical Peak hours will be netted with electricity supplied by the Company during Critical Peak hours.
- 7. There shall be a monthly Non-Bypassable Charge based on the Customer’s Nameplate Capacity in kW DC for solar generation or kW AC for non-solar generation.
- 8. Any renewable energy credits (RECs) associated with electricity delivered to the grid by the Customer under this Rider shall be retained by the Customer.

**RATE**

All provisions of the Customer’s applicable rate schedule and riders will apply to service supplied under this Rider, except as modified herein.

I.	Net Excess Energy Credit per month, per kWh	3.35¢
II.	Non-Bypassable Charge per month, per Nameplate Capacity kW	\$0.28

**MINIMUM BILL**

There shall be a monthly minimum bill of \$22 specific to the portion of the Customer’s bill related to customer and distribution costs. A Minimum Bill Charge shall apply when the sum of the Basic Facilities Charge, Customer and Distribution Energy Charges, and volumetric riders is less than \$22. The Minimum Bill Charge shall be the difference between \$22 and the sum of these costs.

Bill credits for net excess energy are not included in the calculation of the Minimum Bill Charge. Bill credits will reduce a Customer’s total bill after the Minimum Bill Charge has been applied.

Participants who are Low Income Energy Assistance Program (LIEAP) recipients, Crisis Intervention Program (CIP) recipients, or live in homes specifically built for low-income and vulnerable customers will be exempt from the Minimum Bill, provided the Nameplate Capacity of their system is no greater than 8 kW DC.

**CUSTOMER AND DISTRIBUTION ENERGY CHARGES**

The rate below shall be used to calculate the Customer and Distribution Energy Charges that apply to the Minimum Bill.

I.	All Energy per month, per kWh	2.1482¢
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**METERING REQUIREMENTS**

Company will furnish, install, own and maintain a billing meter to measure the kW demand delivered by Company to Customer, and to measure the net kWh purchased by Customer or delivered to Company. The billing meter will be a single, bi-directional meter which records independently the net flow of electricity in each direction through the meter, unless Customer’s overall electrical requirement merits a different meter. The Customer grants the Company the right to install, operate, and monitor special equipment to measure the Customer’s generating system output, or any part thereof, and to obtain any other data necessary to determine the operating characteristics and effects of the installation. All metering shall be at a location that is readily accessible by the Company.

**SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS**

This Rider is only applicable for installed renewable generation systems and equipment that comply with the provisions outlined in the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generator Interconnections (“Interconnection Procedures”) as approved by the North Carolina Utilities Commission.

**RIDER NMB (NC)  
NET METERING BRIDGE**

The Customer must submit a Request to Interconnect, which must be accepted by the Company, pay an application fee, comply with the liability insurance requirements of the Interconnection Procedures and enter into a specific contract providing for interconnection to the Company's system.

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Procedures. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Procedures and is being operated in parallel with the Company's system.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Procedures. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Procedures, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly charge under the Extra Facilities provisions of the Company's NC Service Regulations provided that the minimum Extra Facilities charge shall not apply.

**CONTRACT PERIOD**

The Customer shall enter into a contract for service under this Rider for a minimum original term of one (1) year, and the contract shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the renewable generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's NC Service Regulations.

RIDER RSC (NC)  
RESIDENTIAL SOLAR CHOICE

AVAILABILITY (North Carolina Only)

Available to residential Customers receiving concurrent service from the Company where a renewable energy resource is installed on the Customer's side of the delivery point, for the Customer's own use, interconnected with and operated in parallel with the Company's distribution system. Each Customer receiving service under this Rider must be an owner, operator, or lessee of an electric generation system that generates or discharges electricity from a renewable energy resource, including an energy storage device configured to receive electrical charge solely from onsite renewable energy generation. For service under this Rider, renewable energy generation includes solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer's site; or hydro-powered generating system. The generation system must be located at a single premise and owned, operated, leased or otherwise controlled by the Customer.

Customers receiving service under this Rider must be served under a residential rate schedule with time of use (TOU) and critical peak pricing (CPP), specifically Schedule RSTC or RETC.

GENERAL PROVISIONS

1. To qualify for service under this Rider, the Customer must comply with all applicable interconnection standards and must provide in writing the Nameplate Capacity of the Customer's installed generation system. Any subsequent change to the Nameplate Capacity must be provided by Customer to Company in writing by no later than 60 days following the change.
2. To qualify for service under this Rider, the Customer must be served on Schedule RSTC or RETC. Customers served under this Rider may not be served under another parallel generation rider or participate in NC GreenPower. The Nameplate Capacity of Customer's installed generation system and equipment must not exceed the estimated maximum monthly demand of the residence or 20 kW AC, whichever is less.
3. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer's request for service under this Rider.
4. For each TOU period, if the electricity delivered to the grid by the Customer exceeds the electricity supplied to the Customer by the Company during a monthly billing period, then the Customer shall be credited for the net electricity delivered to the grid at the Net Excess Energy Credit rate listed in the Rate section.
5. For each TOU period, if the electricity supplied by the Company exceeds the electricity delivered to the grid by the Customer during a monthly billing period, the Customer shall be billed for the net electricity supplied by the Company, plus any other charges under the applicable rate schedule and riders.
6. Electricity supplied by the Company and electricity delivered to the grid by the Customer will be netted within each TOU pricing period, and the Customer will receive credits for Net Excess Energy as described above. Critical Peak hours will be considered a separate TOU pricing period for the purpose of netting, such that electricity delivered to the grid by the Customer during Critical Peak hours will be netted with electricity supplied by the Company during Critical Peak hours.
7. There shall be a monthly Non-Bypassable Charge and Grid Access Fee based on the Customer's Nameplate Capacity in kW DC for solar generation or kW AC for non-solar generation. The Grid Access Fee will be \$0 for customers with Nameplate Capacity at or below 15 kW.
8. Any renewable energy credits (RECs) associated with electricity delivered to the grid by the Customer under this Rider shall be retained by the Customer.

**RIDER RSC (NC)  
RESIDENTIAL SOLAR CHOICE**

**RATE**

All provisions of the Customer’s applicable rate schedule and riders will apply to service supplied under this Rider, except as modified herein.

I.	Net Excess Energy Credit per month, per kWh	3.35¢
II.	Non-Bypassable Charge per month, per Nameplate Capacity kW	\$0.28
III.	Grid Access Fee per month, per Nameplate Capacity kW above 15 kW	\$2.05

**MINIMUM BILL**

There shall be a monthly minimum bill of \$22 specific to the portion of the Customer’s bill related to customer and distribution costs. The Minimum Bill Charge shall apply when the sum of the Basic Facilities Charge, “Customer and Distribution Energy Charges” and riders is less than \$22. The Minimum Bill Charge shall be the difference between \$22 and the sum of these costs.

Bill credits for Net Excess Energy are not included in the calculation of the Minimum Bill Charge. Bill credits will reduce a Customer’s total bill after the Minimum Bill Charge has been applied.

**CUSTOMER AND DISTRIBUTION ENERGY CHARGES**

The following Customer and Distribution Energy Charges are components of the energy charges defined in the Customer’s rate schedule. These components are used in the calculation of the Minimum Bill Charge.

For calculation of Customer and Distribution Energy Charges, On-Peak Energy includes both Critical Peak and On-Peak hours.

I.	Schedule RSTC	
a.	On-Peak Energy per month, per kWh	3.8440¢
b.	Off-Peak Energy per month, per kWh	1.8876¢
c.	Discount Energy per month, per kWh	1.4441¢
II.	Schedule RETC	
a.	On-Peak Energy per month, per kWh	4.8305¢
b.	Off-Peak Energy per month, per kWh	2.2670¢
c.	Discount Energy per month, per kWh	1.6859¢

**METERING REQUIREMENTS**

Company will furnish, install, own and maintain a billing meter to measure the kW demand delivered by Company to Customer, and to measure the net kWh purchased by Customer or delivered to Company. The billing meter will be a single, bi-directional meter which records independently the net flow of electricity in each direction through the meter, unless Customer’s overall electrical requirement merits a different meter. The Customer grants the Company the right to install, operate, and monitor special equipment to measure the Customer’s generating system output, or any part thereof, and to obtain any other data necessary to determine the operating characteristics and effects of the installation. All metering shall be at a location that is readily accessible by the Company.

**SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS**

This Rider is only applicable for installed renewable generation systems and equipment that comply with the provisions outlined in the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generator Interconnections (“Interconnection Procedures”) as approved by the North Carolina Utilities Commission.

The Customer must submit a Request to Interconnect, which must be accepted by the Company, pay an application fee, comply with the liability insurance requirements of the Interconnection Procedures and enter into a specific contract providing for interconnection to the Company’s system.

**RIDER RSC (NC)  
RESIDENTIAL SOLAR CHOICE**

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Procedures. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Procedures and is being operated in parallel with the Company's system.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Procedures. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Procedures, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly charge under the Extra Facilities provisions of the Company's NC Service Regulations provided that the minimum Extra Facilities charge shall not apply.

**CONTRACT PERIOD**

The Customer shall enter into a contract for service under this Rider for a minimum original term of one (1) year, and the contract shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the renewable generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's NC Service Regulations.

DEP NEM Compliance Tariff  
Docket No. E-100, Sub 180

Clean and Redlined Versions



NET METERING FOR RENEWABLE ENERGY FACILITIES  
RIDER NM-~~4B~~5

AVAILABILITY

This Rider is available, subject to the terms below, in conjunction with Company's residential and general service schedules to Customer who operates a solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer's site; or hydro-powered generating system located and used at Customer's primary, legal residence or business where a part or all of the electrical requirements of Customer can be supplied from Customer's generating system. The rated capacity of the generating system shall not exceed the lesser of Customer's estimated maximum annual kilowatt demand or 1,000 kilowatts. The generating system that is connected in parallel operation with service from Company and located on Customer's premises must be manufactured, installed and operated in accordance with governmental and industry standards and must fully conform with Company's "North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections." Standby Service provisions shall not be required when service is used in conjunction with this Rider for residential applicants, regardless of generation capacity, and general service applicants with generation capacities of 100 kW or less.

This Rider is closed to new residential participants on and after July 1, 2023.

Residential participants and subsequent owners of the installed generation system (collectively, "Residential Participants") who applied for service under this Rider prior to July 1, 2023 shall remain eligible for service under this Rider until December 31, 2026. Residential Participants will be required to transfer to Net Metering Bridge Rider NMB or another net metering rider in effect at the time by January 1, 2027.

The provisions of the Schedule with which this Rider is used are modified only as shown herein. Customer may not simultaneously receive service under this Rider and Company's Cogeneration and Small Power Production Schedule or participate as a generation resource in NC GreenPower.

If Customer receives electric service under a schedule other than a time-of-use schedule with demand rates, any renewable energy credit or "green tags" shall be provided by Customer at no cost to Company. If service is received under a time-of-use schedule with demand rates, all renewable energy credits or "green tags" shall be retained solely by Customer.

TYPE OF SERVICE

This Rider is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

MONTHLY RATE

An amount computed under the rate schedule and any other applicable riders with which this Rider is used, as adjusted to reflect Excess Energy delivered to Company as follows:

For electric service under a time-of-use schedule:

1. Customer's on-peak usage for service rendered shall be reduced by the sum of (a) any on-peak Excess Energy delivered to Company in the current month plus (b) any accumulated on-peak Excess Energy balance from prior months. In no case shall the on-peak kWh billed be less than zero.
2. Customer's off-peak usage for service rendered shall be reduced by the sum of (a) any off-peak Excess Energy delivered to Company in the current month plus (b) any accumulated off-peak

Excess Energy balance from prior months plus (c) any accumulated on-peak Excess Energy balance in the current or prior months that was not used to reduce on-peak usage. In no case shall the off-peak kWh billed be less than zero.

3. Customer's on-peak and off-peak demands for service rendered shall be billed pursuant to the applicable schedule. In months when demand charges are prorated based upon seasonal on-peak usage and the usage to be billed exceeds the Excess Energy available to reduce such usage, Excess Energy delivered to Company shall be used to reduce billed kWh usage based upon the ratio of on-peak energy consumed in each season.
4. Excess Energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months; however, any accumulated Excess Energy not used to reduce billed kWh usage shall be set to zero each May 31<sup>st</sup>. Excess Energy delivered prior to May 31<sup>st</sup> will only be used to reduce usage provided by Company prior to May 31<sup>st</sup>. There will be no compensation paid to Customer for Excess Energy granted to Company.

For electric service under a standard schedule without time-of-use rates:

1. Customer's usage for service rendered shall be reduced by the sum of (a) any energy delivered to Company in the current month plus (b) any accumulated energy balance from prior months. In no case shall the kWh usage billed be less than zero.
2. Customer's demands for service rendered shall be billed pursuant to the applicable schedule.
3. Excess Energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months; however, any accumulated Excess Energy not used to reduce billed kWh usage shall be set to zero in the billing month that includes usage incurred on May 31<sup>st</sup> each year. There will be no compensation paid to Customer for Excess Energy granted to Company.

#### DEFINITIONS

1. Excess Energy delivered to Company shall be defined as energy produced by Customer's generation that exceeds the energy delivered by Company at a given time. This Excess Energy shall be used to reduce energy delivered and billed by Company during the current ~~or a future~~ month, or as credits on the Customer's bill, as provided in the Monthly Rate provision.
2. The on-peak and off-peak periods shall be as defined in the applicable time-of-use schedule.

#### SPECIAL CONDITIONS

1. Prior to receiving service under this Rider, Customer must execute an Interconnection Request and an Interconnection Agreement, if applicable, pursuant to the "North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections." These procedures describe the conditions related to interconnection of Customer generation with Company's electrical system.
2. Customer's service shall be metered with a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter.
3. In the event Company determines that it is necessary to install a dedicated transformer or other equipment to protect the safety and adequacy of electric service provided to other customers, Customer shall pay a Monthly Facilities Charge as specified in Company's Service Regulations for the additional estimated cost of the dedicated transformer or other equipment above the estimated cost which Company would otherwise have incurred, except that the minimum Monthly Facilities Charge can be less than \$25.00.
4. Customer grants Company the right to install, operate, and monitor special equipment to measure Customer's load, generating system output, or any part thereof and to obtain any other data necessary to

determine the operating characteristics and effects of the installation. Customer also grants Company the right to utilize Customer's telephone line to transmit data from Company's meter and special equipment.

#### CONTRACT PERIOD

The Contract Period for service under this Rider shall be one (1) year and thereafter shall be renewed for successive one-year periods. After the initial period, Customer may terminate service under this Rider by giving at least sixty (60) days previous notice of such termination in writing to Company.

Company reserves the right to terminate service under this Rider at any time upon written notice to Customer in the event that Customer violates any of the terms or conditions of this Rider, or operates the generating system in a manner which is detrimental to Company or its customers.

#### GENERAL

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

Supersedes Rider NM-4~~A~~B

Effective for service rendered on and after ~~August 1, 2015~~July~~January 1, 2023~~

NCUC Docket No. E-~~2100~~, Sub ~~1076~~180

NET METERING FOR RENEWABLE ENERGY FACILITIES  
RIDER NM-5

AVAILABILITY

This Rider is available, subject to the terms below, in conjunction with Company's residential and general service schedules to Customer who operates a solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer's site; or hydro-powered generating system located and used at Customer's primary, legal residence or business where a part or all of the electrical requirements of Customer can be supplied from Customer's generating system. The rated capacity of the generating system shall not exceed the lesser of Customer's estimated maximum annual kilowatt demand or 1,000 kilowatts. The generating system that is connected in parallel operation with service from Company and located on Customer's premises must be manufactured, installed and operated in accordance with governmental and industry standards and must fully conform with Company's "North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections." Standby Service provisions shall not be required when service is used in conjunction with this Rider for residential applicants, regardless of generation capacity, and general service applicants with generation capacities of 100 kW or less.

This Rider is closed to new residential participants on and after July 1, 2023.

Residential participants and subsequent owners of the installed generation system (collectively, "Residential Participants") who applied for service under this Rider prior to July 1, 2023 shall remain eligible for service under this Rider until December 31, 2026. Residential Participants will be required to transfer to Net Metering Bridge Rider NMB or another net metering rider in effect at the time by January 1, 2027. The provisions of the Schedule with which this Rider is used are modified only as shown herein. Customer may not simultaneously receive service under this Rider and Company's Cogeneration and Small Power Production Schedule or participate as a generation resource in NC GreenPower.

If Customer receives electric service under a schedule other than a time-of-use schedule with demand rates, any renewable energy credit or "green tags" shall be provided by Customer at no cost to Company. If service is received under a time-of-use schedule with demand rates, all renewable energy credits or "green tags" shall be retained solely by Customer.

TYPE OF SERVICE

This Rider is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

MONTHLY RATE

An amount computed under the rate schedule and any other applicable riders with which this Rider is used, as adjusted to reflect Excess Energy delivered to Company as follows:

For electric service under a time-of-use schedule:

1. Customer's on-peak usage for service rendered shall be reduced by the sum of (a) any on-peak Excess Energy delivered to Company in the current month plus (b) any accumulated on-peak Excess Energy balance from prior months. In no case shall the on-peak kWh billed be less than zero.
2. Customer's off-peak usage for service rendered shall be reduced by the sum of (a) any off-peak Excess Energy delivered to Company in the current month plus (b) any accumulated off-peak Excess Energy balance from prior months plus (c) any accumulated on-peak Excess Energy balance

in the current or prior months that was not used to reduce on-peak usage. In no case shall the off-peak kWh billed be less than zero.

3. Customer's on-peak and off-peak demands for service rendered shall be billed pursuant to the applicable schedule. In months when demand charges are prorated based upon seasonal on-peak usage and the usage to be billed exceeds the Excess Energy available to reduce such usage, Excess Energy delivered to Company shall be used to reduce billed kWh usage based upon the ratio of on-peak energy consumed in each season.
4. Excess Energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months; however, any accumulated Excess Energy not used to reduce billed kWh usage shall be set to zero each May 31<sup>st</sup>. Excess Energy delivered prior to May 31<sup>st</sup> will only be used to reduce usage provided by Company prior to May 31<sup>st</sup>. There will be no compensation paid to Customer for Excess Energy granted to Company.

For electric service under a standard schedule without time-of-use rates:

1. Customer's usage for service rendered shall be reduced by the sum of (a) any energy delivered to Company in the current month plus (b) any accumulated energy balance from prior months. In no case shall the kWh usage billed be less than zero.
2. Customer's demands for service rendered shall be billed pursuant to the applicable schedule.
3. Excess Energy not used in the current billing month to reduce billed kWh usage shall be accumulated and used to reduce usage in future months; however, any accumulated Excess Energy not used to reduce billed kWh usage shall be set to zero in the billing month that includes usage incurred on May 31<sup>st</sup> each year. There will be no compensation paid to Customer for Excess Energy granted to Company.

#### DEFINITIONS

1. Excess Energy delivered to Company shall be defined as energy produced by Customer's generation that exceeds the energy delivered by Company at a given time. This Excess Energy shall be used to reduce energy delivered and billed by Company during the current month, or as credits on the Customer's bill, as provided in the Monthly Rate provision.
2. The on-peak and off-peak periods shall be as defined in the applicable time-of-use schedule.

#### SPECIAL CONDITIONS

1. Prior to receiving service under this Rider, Customer must execute an Interconnection Request and an Interconnection Agreement, if applicable, pursuant to the "North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections." These procedures describe the conditions related to interconnection of Customer generation with Company's electrical system.
2. Customer's service shall be metered with a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter.
3. In the event Company determines that it is necessary to install a dedicated transformer or other equipment to protect the safety and adequacy of electric service provided to other customers, Customer shall pay a Monthly Facilities Charge as specified in Company's Service Regulations for the additional estimated cost of the dedicated transformer or other equipment above the estimated cost which Company would otherwise have incurred, except that the minimum Monthly Facilities Charge can be less than \$25.00.
4. Customer grants Company the right to install, operate, and monitor special equipment to measure Customer's load, generating system output, or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. Customer also grants Company

the right to utilize Customer's telephone line to transmit data from Company's meter and special equipment.

CONTRACT PERIOD

The Contract Period for service under this Rider shall be one (1) year and thereafter shall be renewed for successive one-year periods. After the initial period, Customer may terminate service under this Rider by giving at least sixty (60) days previous notice of such termination in writing to Company.

Company reserves the right to terminate service under this Rider at any time upon written notice to Customer in the event that Customer violates any of the terms or conditions of this Rider, or operates the generating system in a manner which is detrimental to Company or its customers.

GENERAL

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

Supersedes Rider NM-4B  
Effective for service rendered on and after July 1, 2023  
NCUC Docket No. E-100, Sub 180

NET METERING BRIDGE  
RIDER NMB-1

AVAILABILITY (North Carolina Only)

Available to residential customers receiving concurrent service from the Company where a renewable energy resource is installed on the Customer's side of the delivery point, for the Customer's own use, interconnected with and operated in parallel with the Company's distribution system. Each Customer receiving service under this Rider must be an owner, operator, or lessee of an electric generation system that generates or discharges electricity from a renewable energy resource, including an energy storage device configured to receive electrical charge solely from onsite renewable energy generation. For service under this Rider, renewable energy generation includes solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer's site; or hydro-powered generating system. The generation system must be located at a single premise and owned, operated, leased or otherwise controlled by the Customer.

New participation under this Rider shall be limited to the Annual Capacity defined below, subject to the terms of the Stipulation between the Company and North Carolina Rooftop Solar Installers filed May 19, 2022. Annual Capacity is available on a "first-come, first-served" basis and is reserved upon submission of a valid interconnection application. A customer who applies after the Annual Capacity is met must either (a) withdraw the application and submit it again in a subsequent year, or (b) receive service under Residential Solar Choice Rider RSC and an eligible rate schedule.

<u>Year</u>	<u>Annual Capacity (kW AC)</u>
2023	16,350
2024	35,900
2025	39,500
2026	43,500

This Rider will be closed to new participants on and after January 1, 2027.

Participants and subsequent owners of the installed generation system (collectively, "Participants") who applied for service under this Rider prior to January 1, 2027 shall remain eligible for service under this Rider for up to 15 calendar years from the submission date of the applicable interconnection application ("Bridge Rate Period"). After the applicable Bridge Rate Period, Participants will be required to transfer to Rider RSC or another net metering tariff in effect at the time.

GENERAL PROVISIONS

1. To qualify for service under this Rider, the Customer must comply with all applicable interconnection standards and must provide in writing the Nameplate Capacity of the Customer's installed generation system. Any subsequent change to the Nameplate Capacity must be provided by Customer to Company in writing by no later than 60 days following the change.
2. Customers served under this Rider may not be served under another parallel generation rider or participate in NC GreenPower. The Nameplate Capacity of Customer's installed generation system

and equipment must not exceed the estimated maximum monthly demand of the residence or 20 kW AC, whichever is less.

3. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer's request for service under this Rider.
4. If the electricity supplied to the Customer by the Company exceeds the electricity delivered to the grid by the Customer during a monthly billing period, the Customer shall be billed for the net electricity in kilowatt-hours (kWh) supplied by the Company, plus any demand or other charges under the applicable rate schedule. If the electricity delivered to the grid by the Customer exceeds the electricity supplied by the Company during a monthly billing period, the Customer shall be credited for the net excess energy at the Net Excess Energy Credit rate below.
5. For Customers served under a TOU rate schedule, net electricity will be calculated for each TOU period. After offsetting usage in the same TOU period, any remaining excess energy will be applied to lower TOU periods in descending order by price. After net electricity has been calculated for all TOU periods, the Customer shall be credited for any remaining net excess energy at the Net Excess Energy Credit rate below.
6. For customers served under a CPP rate schedule, Critical Peak hours will be considered a separate TOU pricing period for the purpose of netting, such that electricity delivered to the grid by the Customer during Critical Peak hours will be netted with electricity supplied by the Company during Critical Peak hours.
7. There shall be a monthly Non-Bypassable Charge based on the Customer's Nameplate Capacity in kW DC for solar generation or kW AC for non-solar generation.
8. Any renewable energy credits (RECs) associated with electricity delivered to the grid by the Customer under this Rider shall be retained by the Customer.

RATE

All provisions of the Customer's applicable rate schedule and riders will apply to service supplied under this Rider, except as modified herein.

- |     |                                                            |        |
|-----|------------------------------------------------------------|--------|
| I.  | Net Excess Energy Credit per month, per kWh                | 3.40¢  |
| II. | Non-Bypassable Charge per month, per Nameplate Capacity kW | \$0.62 |

MINIMUM BILL

There shall be a monthly minimum bill of \$22 specific to the portion of the Customer's bill related to customer and distribution costs. A Minimum Bill Charge shall apply when the sum of the Basic Facilities Charge, Customer and Distribution Energy Charges, and volumetric riders is less than \$22. The Minimum Bill Charge shall be the difference between \$22 and the sum of these costs.

Bill credits for net excess energy are not included in the calculation of the Minimum Bill Charge. Bill credits will reduce a Customer's total bill after the Minimum Bill Charge has been applied.

Participants who are Low Income Energy Assistance Program (LIEAP) recipients, Crisis Intervention Program (CIP) recipients, or live in homes specifically built for low-income and vulnerable customers will be exempt from the Minimum Bill, provided the Nameplate Capacity of their system is no greater than 8 kW DC.



CUSTOMER AND DISTRIBUTION ENERGY CHARGES

The rate below shall be used to calculate the Customer and Distribution Energy Charges that apply to the Minimum Bill.

I. All Energy per month, per kWh 4.620¢

METERING REQUIREMENTS

Company will furnish, install, own and maintain a billing meter to measure the kW demand delivered by Company to Customer, and to measure the net kWh purchased by Customer or delivered to Company. The billing meter will be a single, bi-directional meter which records independently the net flow of electricity in each direction through the meter, unless Customer's overall electrical requirement merits a different meter. The Customer grants the Company the right to install, operate, and monitor special equipment to measure the Customer's generating system output, or any part thereof, and to obtain any other data necessary to determine the operating characteristics and effects of the installation. All metering shall be at a location that is readily accessible by the Company.

SAFETY, INTERCONNECTION AND INSPECTION REQUIREMENTS

This Rider is only applicable for installed renewable generation systems and equipment that comply with the provisions outlined in the North Carolina Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Generator Interconnections ("Interconnection Procedures") as approved by the North Carolina Utilities Commission.

The Customer must submit a Request to Interconnect, which must be accepted by the Company, pay an application fee, comply with the liability insurance requirements of the Interconnection Procedures and enter into a specific contract providing for interconnection to the Company's system.

In order to ensure protection of the Company's system, the Company reserves the right, at its discretion, to inspect the Customer's generation system and equipment at any time upon reasonable notice to the Customer in an effort to ensure compliance with the Interconnection Procedures. The Company reserves the right to disconnect electric service to the premises if the Company determines that the Customer's generation system and equipment is not in compliance with the Interconnection Procedures and is being operated in parallel with the Company's system.

The Customer shall be responsible for any costs incurred by the Company pursuant to the Interconnection Procedures. The Company reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Company, at the Customer's expense, if the Customer's system, despite compliance with the Interconnection Procedures, causes safety, reliability or power quality problems. These additional facilities will be subject to a monthly charge under the Extra Facilities provisions of the Company's NC Service Regulations provided that the minimum Extra Facilities charge shall not apply.

CONTRACT PERIOD

The Customer shall enter into a contract for service under this Rider for a minimum original term of one (1) year, and the contract shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the renewable generation system and equipment in a manner which is detrimental to the

Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's NC Service Regulations.

Effective for service rendered on and after July 1, 2023  
NCUC Docket No. E-100, Sub 180

RESIDENTIAL SOLAR CHOICE  
RIDER RSC-2

AVAILABILITY

This Rider is available to residential Customers receiving concurrent service from the Company where a renewable energy resource is installed on the Customer's side of the delivery point, for the Customer's own use, interconnected with and operated in parallel with the Company's distribution system. Each Customer receiving service under this Rider must be an owner, operator, or lessee of an electric generation system that generates or discharges electricity from a renewable energy resource, including an energy storage device configured to receive electrical charge solely from onsite renewable energy generation. For service under this Rider, renewable energy generation includes solar electric; wind-powered; biomass-fueled, including agricultural waste, animal waste, wood waste, spent pulping liquors, combustible residues, combustible liquids, combustible gases, energy crops or landfill methane; waste heat derived from a renewable energy resource and used to produce electricity at the customer's site; or hydro-powered generation sources of energy. The generation system must be located at a single premise and owned, operated, leased or otherwise controlled by the Customer.

Customers receiving service under this Rider must be served under a residential rate schedule with time of use (TOU) and critical peak pricing (CPP), specifically proposed Schedule R-TOU-CPP.

TYPE OF SERVICE

This Rider is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

MONTHLY RATE

All provisions of the Customer's applicable rate schedule and riders will apply to service supplied under this Rider, except as modified herein.

1. For each TOU period, if the electricity delivered to the grid by the Customer exceeds the electricity supplied to the Customer by the Company during a monthly billing period, then the Customer shall be credited for the net electricity delivered to the grid at the Net Excess Energy Credit rate as follows:

Net Excess Energy Credit per month, per kWh	3.40¢
---------------------------------------------	-------

2. For each TOU period, if the electricity supplied by the Company exceeds the electricity delivered to the grid by the Customer during a monthly billing period, the Customer shall be billed for the net electricity supplied by the Company, plus any other charges under the applicable rate schedule and riders.
3. Electricity supplied by the Company and electricity delivered to the grid by the Customer will be netted within each TOU pricing period, and the Customer will receive credits for Net Excess Energy as described above. Critical Peak hours will be considered a separated TOU period for the purpose of netting, such that electricity delivered to the grid by the Customer during Critical Peak hours will be netted with electricity supplied by the Company during Critical Peak hours.

- 4. There shall be a monthly Non-Bypassable Charge and Grid Access Fee based on the Customer’s Nameplate Capacity in kW DC for solar generation or kW AC for non-solar generation. The Grid Access Fee will be \$0 for customers with Nameplate Capacity at or below 15 kW.

Non-Bypassable Charge per month, per Nameplate Capacity kW	\$0.62
Grid Access Fee per month, per Nameplate Capacity kW above 15 kW	\$1.50

MINIMUM BILL

There shall be a monthly minimum bill of \$28 specific to the portion of the Customer’s bill related to customer and distribution costs. The Minimum Bill Charge shall apply when the sum of the Basic Customer Charge and “Customer and Distribution Energy Charges” is less than \$28. The Minimum Bill Charge shall be the difference between \$28 and the sum of these costs.

Bill credits for Net Excess Energy are not included in the calculation of the Minimum Bill Charge. Bill credits will reduce a Customer’s total bill after the Minimum Bill Charge has been applied.

CUSTOMER AND DISTRIBUTION ENERGY CHARGES

The following Customer and Distribution Energy Charges are components of the energy charges defined in the Customer’s rate schedule. These components are used in the calculation of the Minimum Bill Charge.

For calculation of Customer and Distribution Energy Charges, On-Peak Energy includes both Critical Peak and On-Peak hours.

- I. Schedule R-TOU-CPP
  - a. On-Peak Energy per month, per kWh 6.375¢
  - b. Off-Peak Energy per month, per kWh 4.261¢
  - c. Discount Energy per month, per kWh 3.863¢

SPECIAL CONDITIONS

- 1. To qualify for service under this Rider, the Customer must comply with all applicable interconnection standards and must provide in writing the Nameplate Capacity of the Customer’s installed generation system. Any subsequent change to the Nameplate Capacity must be provided by Customer to Company in writing by no later than 60 days following the change.
- 2. To qualify for service under this Rider, the Customer must be served on Schedule R-TOU-CPP. Customers may not simultaneously receive service under this Rider and Company’s Cogeneration and Small Power Production Schedule or participate as a generation resource in NC GreenPower. The Nameplate Capacity of Customer’s installed generation system and equipment must not exceed the estimated maximum monthly demand of the residence or 20 kW AC, whichever is less.
- 3. If the Customer is not the owner of the premises receiving electric service from the Company, the Company shall have the right to require that the owner of the premises give satisfactory written approval of the Customer’s request for service under this Rider.
- 4. Prior to receiving service under this Rider, Customer must execute an Interconnection Request and an Interconnection Agreement, if applicable, pursuant to the “North Carolina Interconnection Procedures, Forms and Agreements for State-Jurisdictional Generation Interconnections.” These procedures describe the conditions related to interconnection of Customer generation with Company’s electrical system.
- 5. Customer’s service shall be metered with a single, bi-directional meter, which records independently the flow of electricity in each direction through the meter.

6. Customer grants Company the right to install, operate, and monitor special equipment to measure Customer's load, generating system output, or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. Customer also grants Company the right to utilize Customer's telephone line to transmit data from Company's meter and special equipment.
7. Any renewable energy credits (RECs) associated with electricity delivered to the grid by the Customer under this Rider shall be retained by the Customer.

#### CONTRACT PERIOD

The Customer shall enter into a contract for service under this Rider for a minimum original term of one (1) year, and the contract shall automatically renew thereafter, except that either party may terminate the contract after one year by giving at least sixty (60) days prior notice of such termination in writing.

The Company reserves the right to terminate the Customer's contract under this Rider at any time upon written notice to the Customer in the event that the Customer violates any of the terms or conditions of this Rider, or operates the renewable generation system and equipment in a manner which is detrimental to the Company or any of its customers. In the event of early termination of a contract under this Rider, the Customer will be required to pay the Company for the costs due to such early termination, in accordance with the Company's NC Service Regulations.

#### GENERAL

Service rendered under this Rider is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

Effective for service rendered on and after July 1, 2023  
NCUC Docket No. E-100, Sub 180