



Kathleen H. Richard
Senior Counsel

NCRH 20 / P.O. Box 1551
Raleigh, NC 27602

o: 919.546.6776

kathleen.richard@duke-energy.com

OFFICIAL COPY

Jan 02 2024

January 2, 2024

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), enclosed for filing in the above-referenced docket are Duke Energy Carolinas, LLC ("DEC") and Duke Energy Progress, LLC's ("DEP") compliance tariffs in clean and redlined forms. These tariffs have been updated to reflect the changes in Net Energy Metering rates that were effective on January 1, 2024.

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

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	7,250
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.

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

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 | 3.35¢ |
| II. Non-Bypassable Charge per month, per Nameplate Capacity kW | \$0. 28 ²⁹ |

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¢ |
|----------------------------------|---------|

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.

RIDER NMB (NC)
NET METERING BRIDGESAFETY, 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.

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 <u>29</u>
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 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.

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.

RIDER RSC (NC)
RESIDENTIAL SOLAR CHOICE

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 NMB (NC)
NET METERING BRIDGEAVAILABILITY (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	7,250
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.

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

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 | 3.35¢ |
| II. Non-Bypassable Charge per month, per Nameplate Capacity kW | \$0.29 |

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¢ |
|----------------------------------|---------|

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.

RIDER NMB (NC)
NET METERING BRIDGESAFETY, 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.

**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 CHOICERATE

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	\$0.29
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 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.

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.

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

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.

NET METERING BRIDGE
RIDER NMB

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	8,175
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.

NC ~~Original-First Revised~~ Leaf No. 605

Effective for service rendered on and after ~~October 1, 2023~~ January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

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~~67

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. 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 \$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.

NC ~~Original-First Revised~~ Leaf No. 605

Effective for service rendered on and after ~~October 1, 2023~~January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

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 4.493¢

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.

NC ~~Original-First Revised~~ Leaf No. 605

Effective for service rendered on and after ~~October 1, 2023~~ January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

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.

NC ~~Original~~ First Revised Leaf No. 605

Effective for service rendered on and after ~~October 1, 2023~~ January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

RESIDENTIAL SOLAR CHOICE RIDER RSC

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 67
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, "Customer and Distribution Energy Charges" and volumetric riders 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	6.248¢
b. Off-Peak Energy per month, per kWh	4.134¢
c. Discount Energy per month, per kWh	3.736¢

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

NC ~~Original-First Revised~~ Leaf No. 670

Effective for service rendered on and after ~~October 1, 2023~~ January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

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.

NC ~~Original-First Revised~~ Leaf No. 670

Effective for service rendered on and after ~~October 1, 2023~~ January 1, 2024

NCUC Docket No. E-100, Sub 180

~~Leaf Indexing is effective as of October 1, 2023, in compliance with NCUC Docket No. E-2, Sub 1300~~

NET METERING BRIDGE
RIDER NMB

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	8,175
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 | \$0.67 |

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. 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 \$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.

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 4.493¢

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

NC First Revised Leaf No. 605

Effective for service rendered on and after January 1, 2024

NCUC Docket No. E-100, Sub 180

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.

RESIDENTIAL SOLAR CHOICE
RIDER RSC

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	\$0.67
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, "Customer and Distribution Energy Charges" and volumetric riders 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	6.248¢
b. Off-Peak Energy per month, per kWh	4.134¢
c. Discount Energy per month, per kWh	3.736¢

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.

NC First Revised Leaf No. 670

Effective for service rendered on and after January 1, 2024

NCUC Docket No. E-100, Sub 180

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.

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 2nd day of January, 2024.



Kathleen H. Richard
Senior Counsel
Duke Energy Corporation
P.O. Box 1551/NCRH 20
Raleigh, North
Carolina 27602 Tel:
919.546.6776
kathleen.richard@duke-energy.com