Interconnection Request Application Form for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW

This Interconnection Request Application Form is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Interconnection Request may be required.

Processing Fee

A non-refundable processing fee of $200 for North Carolina and $100 for South Carolina must accompany this Interconnection Request Application Form

If the Interconnection Request is submitted solely due to a transfer of ownership of the Generating Facility, the fee is $50.

Interconnection Customer Information

Name: _____

Contact Name: Corrine Yonas

Title: _____

E-Mail Address: corrineyonas@gmail.com

Mailing Address: _____

City: _____ State: _____ ZIP: _____

County: _____

Telephone(Day): (919) 758-2905 (Evening): _____

Fax: _____

Alternative Contact Information (if different from the Interconnection Customer)

Alternate Contact Name: Scott Denny

Title: _____

E-Mail Address: netmetering@blueravensolar.com

Mailing Address: 1403 N Research Way

City: Orem State: UT ZIP: 84097

Telephone(Day): (385) 498-0400 (Evening): _____

Fax: _____

Facility Location (if different from above)

Project Name: Corrine Yonas - 910049873121 - Solar 2nd install

Address: 46 FETCH CT

City: ANGIER State: NC ZIP: 27501

County: Harnett

Utility: DEP

Account Number: 910049873121

Customer Type: Residential

NABCEP PV Installation Professional Certification (for SC Only):

Generating Request Information

Application is for: Capacity Change to Proposed or Existing Generating Facility

Is the service customer completing the installation?: No

Generating Facility Is: Owned

Newly Constructed Facility?: No

Generating Equipment Is: Owned

Type of Heat: Electric

Square Footage: 1900

System Intended Design: Net Metering

If net metering, select preferred rate schedule:

Term:

Purchase Power Options:

Existing System Information

Existing Generator at Location?: Yes

Existing Generator Remarks: EXISTING SYSTEM SIZE: 7.6 kW DC EXISTING MODULE TYPE: (19) REC Solar REC400AA Pure EXISTING INVERTER TYPE: Enphase IQ7PLUS-72-2-US EXISTING MONITORING: Enphase IQ Combiner 3 X-IQ-AM1-240-4

New System Information

If NC, NCUC Docket Number is required: SP-35340 Sub 0

Is this part of a Microgrid?

Primary Energy Source: Renewable

Energy Source Type: Solar

Prime Mover: Photovoltaic

Energy Source (other):

Prime Mover (other): _____

Phase: Single

System Design Capacity kW AC (system total): 6.770

Battery Information

Is Battery Storage Used?: No

Total Battery Capacity KWDC: _____

Battery Manufacturer: _____

Battery Model: _____

Battery Quantity: _____

Solar Inverter

Inverter 1 Information:

Inverter Manufacturer: _____

Model: _____ Quantity: _____

Inverter Size kW: _____ Max Nameplate Rating kW: _____

Inverter 2 Information:

Inverter Manufacturer: _____

Model: _____ Quantity: _____

Inverter Size kW: _____ Max Nameplate Rating kW: _____

Inverter 3 Information:

Inverter Manufacturer: _____

Model: _____ Quantity: _____

Inverter Size kW: _____ Max Nameplate Rating kW: _____

Micro Inverter

Micro Inverter 1 Information:

Micro Inverter Manufacturer: Enphase Energy

Model: IQ7PLUS-72-2-US Quantity: 19 Micro Inverter Size kW: 290.00

Micro Inverter 2 Information:

Micro Inverter Manufacturer: Enphase Energy

Model: IQ7X-96-2-US Quantity: 4 Micro Inverter Size kW: 315.00

Micro Inverter 3 Information:

Micro Inverter Manufacturer:

Model: Quantity: Micro Inverter Size kW:

Solar Panel/Module

Panel/Module 1 Information:

Panel Manufacturer: REC Solar

Model: REC400AA Pure Quantity: 19 Panel Wattage kW: 400.0000

Panel/Module 2 Information:

Panel Manufacturer: REC Solar

Model: REC420AA PURE-R Quantity: 4 Panel Wattage kW: 420.0000

Panel/Module 3 Information:

Panel Manufacturer:

Model: Quantity: Panel Wattage kW:

Attachment List:

Attachment Type
Electrical One Line diagram
Copy of Insurance
NCUC - Report of Proposed Construction
Specification Sheets
Inverter Specification Sheet

Interconnection Customer Signature:

I hereby certify that, to the best of my knowledge, the information provided in this Interconnection Request Application Form is true. I agree to abide by the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW and return the Certificate of Completion when the Generating Facility has been installed.

Full Name: Corrine Yonas

Signature: Corrine Yonas (Sep 16, 2023 13:39 EDT) Date: 9/16/2023

Contingent Approval to Interconnect the Generating Facility (For Utility use only):

Interconnection of the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW and return of the Certificate of Completion.

Utility Signature: Jake W.

Title: Lead Business Specialist Date: 11.28.23

Interconnection Request ID number: 908775

Utility waives inspection/witness test? _____

Approval to Energize the Generating Facility (For Utility use only):

Energizing the Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 20 kW.

Utility Signature: _____

Title: _____ Date: _____

Terms and Conditions
for Interconnecting a Certified Inverter-Based
Generating Facility No Larger than 20 kW

1. Construction of the Facility

The Interconnection Customer (Customer) may proceed to construct (including operational testing not to exceed two hours) the Generating Facility when the Utility approves the Interconnection Request and returns it to the Customer.

2. Interconnection and Operation

The Customer may interconnect the Generating Facility with the Utility's System and operate in parallel with the Utility's System once all of the following have occurred:

2.1) Upon completing construction, the Customer will cause the Generating Facility to be inspected or otherwise certified by the appropriate local electrical wiring inspector with jurisdiction, and

2.2) The Customer returns the Certificate of Completion to the Utility, and

2.3) The Utility has either:

2.3.1) Completed its inspection of the Generating Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with applicable codes. All inspections must be conducted by the Utility, at its own expense, within ten Business Days after receipt of the Certificate of Completion and shall take place at a time agreeable to the Parties. The Utility shall provide a written statement that the Generating Facility has passed inspection or shall notify the Customer of what steps it must take to pass inspection as soon as practicable after the inspection takes place; or

2.3.2) If the Utility does not schedule an inspection of the Generating Facility within ten Business Days after receiving the Certificate of Completion, the witness test is deemed waived (unless the Parties agree otherwise); or

2.3.3) The Utility waives the right to inspect the Generating Facility.

2.4) The Utility has the right to disconnect the Generating Facility in the event of improper installation or failure to return the Certificate of Completion.

2.5) Revenue quality metering equipment must be installed and tested in accordance with applicable American National Standards Institute (ANSI) standards and all applicable regulatory requirements.

3. Safe Operations and Maintenance

The Customer shall be fully responsible to operate, maintain, and repair the Generating Facility as required to ensure that it complies at all times with the interconnection standards to which it has been certified.

4. Access

The Utility shall have access to the disconnect switch (if a disconnect switch is required) and metering equipment of the Generating Facility at all times. The Utility shall provide reasonable notice to the Customer, when possible, prior to using its right of access.

5. Disconnection

The Utility may temporarily disconnect the Generating Facility upon the following conditions:

5.1) For scheduled outages upon reasonable notice.

5.2) For unscheduled outages or emergency conditions.

5.3) If the Generating Facility does not operate in a manner consistent with these Terms and Conditions.

5.4) The Utility shall inform the Customer in advance of any scheduled disconnection, or as soon as is reasonable after an unscheduled disconnection.

6. Indemnification

The Parties shall at all times indemnify, defend, and save the other Party harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the other Party's action or inactions of its obligations hereunder on behalf of the indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the indemnified Party.

7. Insurance

All insurance policies must be maintained with insurers authorized to do business in North Carolina. The Parties agree to the following insurance requirements:

7.1) If the Customer is a residential customer of the Utility, the required coverage shall be a standard homeowner's insurance policy with liability coverage in the amount of at least $100,000 per occurrence.

7.2) For an Interconnection Customer that is a non-residential customer of the Utility proposing to interconnect a Generating Facility no larger than 250 kW, the required coverage shall be comprehensive general liability insurance with coverage in the amount of at least $300,000 per occurrence.

7.3) The Customer may provide this insurance via a self-insurance program if it has a self-insurance program established in accordance with commercially acceptable risk management practices.

8. Limitation of Liability

Each Party's liability to the other Party for any loss, cost, claim, injury, or expense, including reasonable attorney fees, relating to or arising from any act or omission hereunder, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, incidental, consequential, or punitive damages of any kind.

9. Termination

The agreement to interconnect and operate in parallel may be terminated under the following conditions:

9.1) By the Customer

By providing written notice to the Utility and physically and permanently disconnecting the Generating Facility.

9.2) By the Utility

If the Generating Facility fails to operate for any consecutive 12-month period or the Customer fails to remedy a violation of these Terms and Conditions.

9.3) Permanent Disconnection

In the event this Agreement is terminated, the Utility shall have the right to disconnect its facilities or direct the Customer to disconnect its Generating Facility.

9.4 Survival Rights

This Agreement shall continue in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.

10. Assignment/Transfer of Ownership of the Facility

10.1) This Agreement shall not survive the transfer of ownership of the Generating Facility to a new owner.

10.2) The new owner must complete and submit a new Interconnection Request agreeing to abide by these Terms and Conditions for interconnection and parallel operations within 20 Business Days of the transfer of ownership. The Utility shall acknowledge receipt and return a signed copy of the Interconnection Request Application Form within ten Business Days.

10.3) The Utility shall not study or inspect the Generating Facility unless the new owner's Interconnection Request Application Form indicates that a Material Modification has occurred or is proposed.