

**Attachment 5**

**Interconnection Request, Certificate of Completion, and Terms and  
Conditions for Certified Inverter-Based, Single-Phase Generating  
Facilities No Larger than 20 kW**

**Greenville Utilities Commission Interconnection Request  
for Interconnecting a Certified Inverter-Based, Single-Phase  
Generating Facility No Larger than 20 kW**

This Interconnection Request 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 two hundred and fifty dollars (\$250) must accompany this Interconnection Request.

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

Interconnection Customer (must be utility billing customer)

Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_  
Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Contact (if different from Interconnection Customer)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_  
Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Owner(s) of the Generating Facility: \_\_\_\_\_

Installer

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_  
Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
License Number: \_\_\_\_\_

Generating Facility Information

Location (if different from above): \_\_\_\_\_

Utility: \_\_\_\_\_

Account Number: \_\_\_\_\_

Inverter Manufacturer: \_\_\_\_\_ Model \_\_\_\_\_

Nameplate Rating: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts)

Single Phase \_\_\_\_\_ Three Phase \_\_\_\_\_

System Design Capacity: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA)

System Estimated Annual Energy Production: \_\_\_\_\_ (kWh)

Prime Mover: Photovoltaic  Reciprocating Engine  Fuel Cell   
Turbine  Other \_\_\_\_\_

Energy Source: Solar  Wind  Hydro  Diesel  Natural Gas   
Fuel Oil  Other (describe) \_\_\_\_\_

Is the equipment UL 1741 Listed? Yes \_\_\_ No \_\_\_  
If Yes, attach manufacturer's cut-sheet showing UL 1741 listing

Estimated Installation Date: \_\_\_\_\_ Estimated In-Service Date: \_\_\_\_\_

The 20 kW Inverter Process is available only for inverter-based Generating Facilities no larger than 20 kW that meet the codes, standards, and certification requirements of Attachments 3 and 4 of the Greenville Utilities Commission Interconnection Procedures, or GUC has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

Meter Arrangement

- Residential Renewable Excess Energy Buy Back Bi-Directional Metering  
(Electric Rate Schedule ER-3)
- Time of Use with Demand Net Metering  
(Electric Rate Schedule ER-2)
- Bilateral Metering  
(Electric Rider RR-3)

Please visit Greenville Utilities website for additional information on electric rates.

<https://www.guc.com/electric-rates>

Interconnection Customer Signature

I hereby certify that, to the best of my knowledge, the information provided in this Interconnection Request 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 the designated Electric Rate Schedule per the selected Meter Arrangement as well as the return of the Certificate of Completion when the Generating Facility has been installed.

Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Preliminary Approval of Applicable Building Inspection Authority

Inspector Signature: \_\_\_\_\_

Permit # (if required): \_\_\_\_\_ Date: \_\_\_\_\_

.....  
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: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Interconnection Request ID number: \_\_\_\_\_

**Greenville Utilities Commission**  
**Terms and Conditions**  
**for Interconnecting a Certified Inverter-Based, Single-Phase**  
**Generating Facility No Larger than 20 kW**

1.0 Construction of the Facility

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

2.0 Interconnection and Operation

The Customer may interconnect the Generating Facility with GUC's System and operate in parallel with GUC'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 GUC, and
- 2.3 GUC has 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 GUC, at its own expense, and shall take place at a time agreeable to the Parties. GUC 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
- 2.4 GUC 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.

3.0 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.

#### 4.0 Access

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

#### 5.0 Disconnection

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

#### 6.0 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.

#### 7.0 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 GUC, the required coverage shall be a standard homeowner's insurance policy with liability coverage in the amount of at least one hundred thousand dollars (\$100,000) per occurrence.
- 7.2 If the Customer is a non-residential customer of GUC, the required coverage shall be comprehensive general liability insurance with coverage

in the amount of at least three hundred thousand dollars (\$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.

#### 8.0 Limitation of Liability

Each Party's liability to the other Party for any loss, cost, claim, injury, or expense, including reasonable attorney's 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.

#### 9.0 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 GUC and physically and permanently disconnecting the Generating Facility.

##### 9.2 By GUC

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 the agreement to interconnect is terminated, GUC 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.

10.0 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 twenty (20) Business Days of the transfer of ownership. GUC shall acknowledge receipt and return a signed copy of the Interconnection Request.
- 10.3 GUC shall not study or inspect the Generating Facility unless the new owner's Interconnection Request indicates that a Material Modification has occurred or is proposed.