

# Attachment 5 – Various Interconnection Request Forms

## Interconnection Request For Interconnecting a Certified Inverter-Based Generating Facility No Larger than 25 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

None

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

### Interconnection Member

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Existing Meter Serial Number (If Applicable) \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Night): \_\_\_\_\_

Telephone (Cell): \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

### Contact (if different from Interconnection Member)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Night): \_\_\_\_\_

Telephone (Cell): \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

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

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**Generating Facility Information**

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

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

Is the equipment UL 1741 Listed?  Yes  No

If Yes, attach manufacturer's cut-sheet/specifications showing UL 1741 listing for model.

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

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

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

**Type of Generation**

Solar  Wind  Hydro  Diesel  Natural Gas  Fuel Oil

Other (describe) \_\_\_\_\_

Is the equipment identified and listed as "Utility Interactive" when operated in conjunction with a voltage inverter that is UL 1741 Listed?  Yes  No

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

The 25 kW Inverter Process is available only for inverter-based Generating Facilities no larger than 25 kW that meet the codes, standards, and certification requirements of Attachments 3 and 4 of the North Carolina Interconnection Procedures, or the Cooperative has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

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**Proposed Method of Operation**

Buy All/Sell All Operation \_\_\_\_\_ Net Metering Operation \_\_\_\_\_

**Additional Data**

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**Interconnection Member Signature**

I certify that the equipment listed above complies with the Cooperative's interconnection requirements, along with any and all IEEE, UL, NESC, and NEC standards related to interconnecting to public utilities. I acknowledge that in order to ensure protection of the Cooperative's system, the Cooperative reserves the right, at its discretion, to inspect the consumer's renewable generation at any time, upon reasonable notice to the consumer, in an effort to ensure compliance with the Interconnection Standards. The Cooperative reserves the right to disconnect electric service to any premise, with or without notice, if the Cooperative determines that the renewable generation is not in compliance with the Interconnection Standard and is being operated in parallel with the Cooperative's system. I also acknowledge that the consumer shall be responsible for providing suitable control and protective devices on its equipment to assure no disturbance to other consumers of the Cooperative, or to the Cooperative itself, and to protect the consumer's facilities and the Cooperative's facilities from all loss or damage that could result from operation in parallel with the Cooperative's system. The Cooperative reserves the right to require additional interconnection facilities, furnished, installed, owned and maintained by the Cooperative, at the consumer's expense, if the consumer's renewable generation, despite compliance with the Interconnection Standard, causes safety, reliability or power quality problems. The consumer shall obtain and retain, for as long as the consumer's renewable generation is interconnected with the Cooperative's system, comprehensive general liability insurance with limits of at least \$100,000 per occurrence which protects the consumer from claims for bodily injury and/or property damage. This insurance shall be primary for all purposes. The consumer shall provide certificates evidencing this coverage as required by the Cooperative with a thirty day written notice to the Cooperative before cancellation. The Cooperative reserves the right to refuse to establish, or continue the interconnection of the consumer's renewable generation with the Cooperative's system, if such insurance is not in effect. I also acknowledge that the consumer is required to maintain the system, at the consumer's expense, so that the system operates as specified by the manufacturer, the IEEE, UL, and any other applicable codes and standards. I agree to abide by the Terms and Conditions for Interconnecting a Certified Inverter-Based Generating Facility No Larger than 25 kW and return the Certificate of Completion when the Generating Facility has been installed.

**I understand that Piedmont is relying on the veracity of the information and certifications provided herein and do hereby certify that I have read the foregoing statements and verify that all of the information so provided is true to best of my knowledge. In compliance with North Carolina HB-589, I hereby certify that I own this equipment and that it is not leased.**

Signed: \_\_\_\_\_

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

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Contingent Approval to Interconnect the Generating Facility (For Cooperative 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 25 kW and return of the Certificate of Completion.

Cooperative Representative Signature: \_\_\_\_\_

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

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

Cooperative waives inspection/witness test? Yes No

**Certificate of Completion For Interconnecting a Certified Inverter-Based  
Generating Facility No Larger than 25 kW**

Is the Generating Facility owner-installed? Yes No

**Interconnection Member**

Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

Location of the Generating Facility (if different from above) \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_

Telephone (Cell): \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Electrician**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_

Telephone (Cell) \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

License Number: \_\_\_\_\_

Date Approval to Install Generating Facility granted by the Cooperative: \_\_\_\_\_

Interconnection Request ID Number: \_\_\_\_\_

As a condition of interconnection, the System will be approved and pass an inspection by the County or City and you are required to send a copy of this form to the Cooperative. (Information Below):

Name: Larry Hopkins  
Company: Piedmont EMC  
Address: PO Drawer 1179, Hillsborough, NC 27278  
E-mail: or larry.hopkins@pemc.coop

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Approval to Energize the Generating Facility (For Cooperative 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 25 kW.

Cooperative Representative Signature: \_\_\_\_\_

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