

Attachment 6

Interconnection Request, Certificate of Completion, and Terms and Conditions for Certified Inverter-Based Generating Facilities No Larger than 25 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 \$0.00 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 non-refundable fee is \$50.

Interconnection Customer

Name: _____

Contact Person: _____

E-Mail Address: _____

Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

Contact (if different from Interconnection Customer)

Name: _____

E-Mail Address: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

Owner(s) of the Generating Facility: _____

Generating Facility Information

Facility Location (if different from above):

Address: _____

City: _____ State: _____ Zip: _____

County: _____

Cooperative: _____

Account Number: _____

Inverter Manufacturer: _____ Model _____

Nameplate Rating: _____(kW) _____ (kVA) _____ (AC Volts)

AC System Design Capacity: _____(kW) _____(kVA)

Single Phase _____ Three Phase _____

AC Estimated Yearly kWh _____

DC System Design Capacity: _____(kW) _____(kVA)

Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell
 Turbine Other _____

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

Is the equipment IEEE standard 1547-2018 compliant? Yes _____ No _____

Is the equipment UL 1741 Listed (upon UL 1741's amendment to incorporate adoption of IEEE standard 1547-2018)? 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 4 and 5 of these Interconnection Procedures, or Cooperative has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

Interconnection Customer 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: _____

Contingent Approval to Interconnect the Generating Facility (For Cooperative use)

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 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 Customer

Name: _____

Contact Person: _____

E-Mail Address: _____

Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

Location of the Generating Facility (if different from above)

Address _____

City: _____ State: _____ Zip: _____

County: _____

Electrician

Name: _____

Contact Person: _____

E-Mail Address: _____

Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

License Number: _____

Date Approval to Install Generating Facility granted by Cooperative: _____

Inspection:

The Generating Facility has been installed and inspected in compliance with the local building/electrical code of _____

Documentation Required:

1. This form completed. Please note that you do not fill out pages 5&6 until the system has final approval from the AHJ. This form is also available on our website at <https://piedmontemc.wpenginepowered.com/wp-content/uploads/2021/04/PEMC-Interconnection-Policy.pdf>.
2. A copy of the ROPC.
3. A copy of the homeowners insurance showing \$100,000 in personal liability coverage.
4. A copy of the system one line.
5. A copy of the cut sheets for all components of the system. Please note that the inverter must be UL 1741 and IEEE 1547-2018 compliant.
6. Send all requests and questions to interconnections@pemc.coop.
7. A copy of the full policy is available upon request.