

**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 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: _____

Primary Contact Person: _____

Title _____

E-Mail Address: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

Secondary Contact Name: _____

Title: _____

E-Mail Address: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

Contact (if different than Interconnection Customer)

Name: _____
E-Mail Address: _____
Address: _____
City: _____ State: _____ Zip: _____
County: _____
Telephone (Day): _____ (Evening): _____
Fax: _____

Owner(s) of the Generating Facility: _____

Generating Facility Information

Facility Location (if different from above):

Address: _____
City: _____ State: _____ Zip: _____
County: _____
Utility: _____
Account Number: _____

Is the Generating Facility owned by the Interconnection Customer or Leased from an Electric Generator Lessor in NC?

Owned _____
Leased _____ NCUC Docket No.: _____

Inverter Manufacturer: _____ Model: _____
Nameplate Rating (each inverter): _____ kW_(AC) (each inverter)
_____ kVA_(AC) (each inverter)
_____ Volts_(AC) (each inverter)

Single Phase: _____ Three Phase: _____

System Design Capacity¹: _____ kW_(AC) (system total)
_____ kVA_(AC) (system total)

¹ Total inverter capacity.

For photovoltaic sources only:

Total panel capacity: _____ kW_(DC) (system total)
Maximum Generating Capacity Requested:²
_____*(calculated)*³ kW_(AC)

For other sources:

Maximum Generating Capacity Requested:²
_____ kW_(AC)

Prime Mover Information (Refer to U.S. EIA Form 860 Instructions, Table 2 Prime Mover Codes and Descriptions at https://www.eia.gov/survey/form/eia_860/instructions.pdf)

² At the Point of Interconnection, this is the maximum possible export power that could flow back to the Utility. Unless special circumstances apply, load should not be subtracted from the System Design Capacity.

³ For a photovoltaic installation, the Utility will calculate this value as the lesser of (1) the total kW inverter capacity and (2) the total kW panel capacity (no DC to AC losses included, for simplicity).

Prime Mover Code _____
 Prime Mover Description _____

Energy Source Information (Refer to U.S. EIA Form 860 Instructions, Table 28
 Energy Source Codes and Heat Content at
https://www.eia.gov/survey/form/eia_860/instructions.pdf)

<u>Fuel Type</u>	<u>Energy Source Code</u>	<u>Energy Source Description</u>

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 North Carolina Interconnection Procedures, or the Utility 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:

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

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.

Signed:

Full Name _____

Company Name _____

Title With Company _____

E-Mail Address _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

County: _____

Telephone (Day): _____ (Evening): _____

Fax: _____

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: _____

Utility waives inspection/witness test? Yes ____ No ____

**Certificate of Completion
for Interconnecting a Certified Inverter-Based
Generating Facility No Larger than 20 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: _____

Electrician

Name: _____
Company: _____
E-Mail Address: _____
Address: _____
City: _____ State: _____ Zip: _____
County: _____
Telephone (Day): _____ (Evening): _____
Fax: _____
License Number: _____

Date Approval to Install Generating Facility granted by the Utility: _____

Interconnection Request ID Number: _____

Inspection:

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

Signed (Local electrical wiring inspector, or attach signed electrical inspection):

Signature: _____

Print Name: _____ Date: _____

As a condition of interconnection, you are required to send/ email/ fax a copy of this form along with a copy of the signed electrical permit to (insert Utility information below):

Utility Name: _____

Attention: _____

E-Mail Address: _____

Address: _____

City: _____ State: _____ Zip: _____

Fax: _____

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: _____