

Application ID No. \_\_\_\_\_  
(For City of Concord use only)

City of Concord  
Concord, North Carolina

**Interconnection Request Application for  
Interconnecting a Certified Inverter Based Generating Facility  
No Larger than 20 kW for Residential Customers and  
No Larger than 100 kW for Non-Residential Customers**

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

Processing Fee: **\$100** for Residential  
**\$250** for Non-Residential System

A non-refundable processing fee must accompany this Interconnection Request Application.

Interconnection Customer

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

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

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

City: \_\_\_\_\_

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

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

Contact or Installer (if different from Interconnection Customer)

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

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

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

City: \_\_\_\_\_

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

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

Owner of the facility \_\_\_\_\_

Company: \_\_\_\_\_

Electrical/Contractor License Number(s): \_\_\_\_\_

Small Generating Facility Information

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

Electric Service By: City of Concord \_\_\_\_\_

Account Number: \_\_\_\_\_ (\*If Existing Customer)

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

Nameplate Rating: \_\_\_\_\_ KW \_\_\_\_\_ KVA \_\_\_\_\_ AC Volts

Single Phase  Three Phase

System Design Capacity: \_\_\_\_\_ KW \_\_\_\_\_ KVA

Prime Mover:  Photovoltaic  Fuel Cell  Wind Turbine

Energy Source:  Other (describe) \_\_\_\_\_  
 Solar

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

Is the equipment UL1741 Listed?  Yes  No

If Yes, attach manufacturer's cut-sheet showing UL1741 listing.

Estimated Installation Date: \_\_\_\_\_

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

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

	<u>Equipment Type</u>	<u>Certifying Entity</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

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 an Inverter-Based Generating Facility No Larger than 20 KW for residential customers and no larger than 100 KW for non-residential customers and return the Certificate of Completion when the Small Generating Facility has been installed.

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

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

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Contingent Approval to Interconnect the Small Generating Facility  
(For City of Concord Use Only)

Interconnection of the Small Generating Facility is approved contingent upon the Terms and Conditions for Interconnecting an Inverter-Based Generating Facility No Larger than 20 KW for residential customers and no larger than 100 KW for non-residential customers and return of the Certificate of Completion.

City of Concord

Electric Systems Director Signature: \_\_\_\_\_ Date \_\_\_\_\_

Application ID Number: \_\_\_\_\_

City of Concord waive inspection /witness test?       Yes       No

Please complete the form, sign, and mail this form and applicable processing fee to:

City of Concord  
Electrical Engineer  
P.O. Box 308  
Concord, North Carolina 28026-0308  
(704) 920-5303

**CITY OF CONCORD  
Concord, North Carolina**

**Certificate of Completion for  
Certified Renewable Energy Generating System**

**INTERCONNECTION CUSTOMER**

Check if Owner-Installed

Interconnecting Customer: \_\_\_\_\_

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

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

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

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

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

**Location of System**

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

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

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**ELECTRICIAN**

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

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

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

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

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

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

Date Approval to Install System granted to City of Concord: \_\_\_\_\_

Application ID Number: \_\_\_\_\_

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**INSPECTION**

The system have been installed and inspected in compliance with the local Building/Electrical Code of:

\_\_\_\_\_  
(Appropriate Governmental Authority)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):

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

Name (Printed): \_\_\_\_\_

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

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**AS A CONDITION OF INTERCONNECTION YOU ARE REQUIRED TO SEND/FAX A COPY OF THIS FORM ALONG WITH A COPY OF THE SIGNED ELECTRICAL PERMIT TO:**

City of Concord  
Attn: Electrical Engineer  
P.O. Box 308  
Concord, North Carolina 28026-0308  
Phone: (704) 920-5303  
Fax: (704) 920-6948

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**Approval to Energize Facility (For City of Concord use only)**

Connection of the System to the City of Concord electric grid is approved contingent upon the terms and conditions of this Agreement:

City of Concord Signature: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

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

**Terms and Conditions  
for Interconnecting a Certified Inverter-Based  
Generating Facility No Larger than 20 kW Residential or  
No Larger than 100 kW for Non-Residential**

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 the City approves the Interconnection Request and returns it to the Customer.

2.0 Interconnection and Operation

The Customer may interconnect the Generating Facility with the City's System and operate in parallel with the City'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 City, and
- 2.3 The City 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 the City, at its own expense, within fifteen Business Days after receipt of the Certificate of Completion and shall take place at a time agreeable to the Parties. The City 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 The City 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

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

#### 5.0 Disconnection

The City 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 City 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 the City, 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 If the Customer is a non-residential customer of the City, 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.

#### 8.0 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 the City and physically and permanently disconnecting the Generating Facility.

##### 9.2 By the City

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 City 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 20 Business Days of the transfer of ownership. The City shall acknowledge receipt and return a signed copy of the Interconnection Request within ten Business Days.
- 10.3 The City 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.