

**City of Carmi Standard Distributed Generation Interconnection
Interconnection Request Application Form and
Conditional Agreement to Interconnect
(Lab-Certified) Inverter-Based Distributed Generation Facilities 10 kW and Smaller)**

Interconnection Applicant Contact Information

Customer Name: _____
Primary Contact: _____
Mailing Address: _____
City: Carmi State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Additional Contact Information (if different from primary contact)

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Equipment Contractor

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Electrical Contractor (if Different from Equipment Contractor):

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____

Fax Number: _____ E-Mail Address: _____

Contractor License number: _____

Active License? Yes No

Is the Interconnection Customer requesting Net Metering?

Yes No

Distributed Generation Facility ("Facility") Information

Facility Address: _____

City: _____ State: _____ Zip Code: _____

(utility) serving Facility site: _____

Account Number of Facility site: _____

Inverter Manufacturer: _____ Model: _____

Is the inverter lab-certified as that term is defined in the Illinois Distributed Generation Interconnection Standard? Yes No

(If yes, attach manufacturer's technical specifications and label information from a nationally recognized testing laboratory.)

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

Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell
 Turbine Other _____

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

In-Service Date: tbd _____

(If the In-Service Date changes, the interconnection customer must inform the utility as soon as it is aware of the changed date.)

Insurance Disclosure

The attached terms and conditions contain provisions related to liability and indemnification and should be carefully considered by the interconnection customer. The interconnection customer shall carry general liability insurance coverage, such as, but not limited to, homeowner's insurance. Whenever possible, the interconnection customer shall name the (utility) as an additional insured on its homeowner's insurance policy, or similar policy covering general liability.

Property Owner Signature

I hereby certify that: (1) I have read and understand the terms and conditions which are attached hereto by reference; (2) I hereby agree to comply with the attached terms and conditions; and (3) to the best of my knowledge, all the information provided in this application request form is complete and true.

Property Owner signature: _____

Date: _____

State of _____ County of _____

The foregoing instrument was acknowledged before me

this _____ day of _____, 20 _____

by _____

_____ Notary Public

My Commission Expires _____

Conditional Agreement to Interconnect Distributed Generation Facility

By its signature below, the (utility) has determined the interconnection request is complete. Interconnection of the distributed generation facility is conditionally approved contingent upon the attached terms and conditions of this Agreement, the return of the attached Certificate of Completion, duly executed verification of electrical inspection and successful witness test.

Utility Representative Signature _____

Date _____

Name _____

Title _____

Terms and Conditions for Interconnection

- 1) **Construction of the Distributed Generation Facility.** The interconnection customer may proceed to construct (including operational testing not to exceed 2 hours) the distributed generation facility, once the conditional Agreement to interconnect a distributed generation facility has been signed by the utility.
- 2) **Final Interconnection and Operation.** The interconnection customer may operate the distributed generation facility and interconnect with the utility's electric distribution system after all of the following have occurred:
 - a) **Electrical Inspection:** Upon completing construction, the interconnection customer shall cause the distributed generation facility to be inspected by the local electrical inspection authority, who shall establish that the distributed generator facility meets local code requirements.
 - b) **Certificate of Completion:** The interconnection customer shall provide the utility with a copy of the Certificate of Completion with all relevant and necessary information fully completed by the interconnection customer, as well as an inspection form from the local electrical inspection authority demonstrating that the distributed generation facility passed inspection.
 - c) **The utility has completed its witness test as per the following:**
 - i) Within 10 business days of the commissioning date, the (utility name) must, upon reasonable notice and at a mutually convenient time, conduct a witness test of the distributed generation facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with the applicable codes.
 - ii) If the utility does not perform the witness test within the 10 business days after the commissioning date or such other time as is mutually agreed to by the Parties, the witness test is deemed waived unless the utility cannot do so for good cause. In these cases, upon utility request, the interconnection customer shall agree to another date for the test within 10 business days after the original scheduled date.
- 3) **IEEE 1547.** The distributed generation facility shall be installed, operated and tested in accordance with the requirements of **The Institute of Electrical and Electronics Engineers, Inc. (IEEE)**, 3 Park Avenue New York, NY 10016-5997, Standard 1547 (2003) "Standard for Interconnecting Distributed Resources with Electric Power Systems."
- 4) **Access.** The utility shall have direct, unabated access to the disconnect switch and metering equipment of the distributed generation facility at all times. The utility shall provide 5 business days' notice to the customer prior to using its right of access except in emergencies.
- 5) **Metering.** Any required metering shall be installed at customer expense.

- 6) **Disconnection.** The utility may disconnect the distributed generation facility upon any of the following conditions, but must reconnect the distributed generation facility once the condition is cured:
- a) For scheduled outages, provided that the distributed generation facility is treated in the same manner as utility's load customers;
 - b) For unscheduled outages or emergency conditions;
 - c) If the distributed generation facility does not operate in the manner consistent with this Agreement;
 - d) Improper installation or failure to pass the witness test;
 - e) If the distributed generation facility is creating a safety, reliability or a power quality problem; or
 - f) The interconnection equipment used by the distributed generation facility is de-listed by the Nationally Recognized Testing Laboratory that provided the listing at the time the interconnection was approved.
- 7) **Indemnification.** The interconnection customer shall indemnify and defend the city, utility and the directors, officers, employees, and agents from all damages and expenses resulting from any third-party claim arising out of or based upon the interconnection customer's (a) negligence or willful misconduct or (b) breach of this Agreement. The utility shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all damages and expenses resulting from a third-party claim arising out of or based upon the utility's (a) negligence or willful misconduct or (b) breach of this Agreement.
- 8) **Insurance.** The interconnection customer shall provide the utility with proof that it has a current homeowner's insurance policy, or other general liability policy, and, when possible, the interconnection customer shall name the utility as an additional insured on its homeowner's insurance policy, or similar policy covering general liability.
- 9) **Limitation of Liability.** Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, 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, incidental, special, consequential, or punitive damages of any kind whatsoever.
- 10) **Termination.** This Agreement may be terminated under the following conditions:
- a) By interconnection customer - The interconnection customer may terminate this Agreement by providing written notice to the utility. If the interconnection customer ceases operation of the distributed generation facility, the interconnection customer must notify the utility.
 - b) By the utility - The utility may terminate this Agreement if the interconnection customer fails to remedy a violation of terms of this Agreement within 30 calendar days after notice, or such other date as may be mutually agreed to prior to the expiration of the 30-

calendar day remedy period. The termination date may be no less than 30 calendar days after the interconnection customer receives notice of its violation from the utility.

- 11) **Modification of Distributed Generation Facility.** The interconnection customer must receive written authorization from the utility before making any changes to the distributed generation facility that could affect the utility's distribution system. If the interconnection customer makes such modifications without the utility's prior written authorization, the utility shall have the right to disconnect the distributed generation facility.
- 12) **Permanent Disconnection.** In the event the Agreement is terminated, the utility shall have the right to disconnect its facilities or direct the interconnection customer to disconnect its distributed generation facility.
- 13) **Governing Law, Regulatory Authority, and Rules.** The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Illinois. Nothing in this Agreement is intended to affect any other agreement between the utility and the interconnection customer.
- 14) **Survival Rights.** This Agreement shall remain in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.
- 15) **Assignment/Transfer of Ownership of the Distributed Generation Facility.** This Agreement shall terminate upon the transfer of ownership of the distributed generation facility to a new owner unless the transferring owner assigns the Agreement to the new owner, the new owner agrees in writing to the terms of this Agreement, and the transferring owner so notifies the utility in writing prior to the transfer of ownership.
- 16) **Notice.** The Parties may mutually agree to provide notices, demands, comments, or requests by electronic means such as e-mail. Absent agreement to electronic communication, or unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement shall be deemed properly given if delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, to the person specified below:

If to Interconnection Customer:

Use the contact information provided in the interconnection customer's application. The interconnection customer is responsible for notifying the utility of any change in the contact party information, including change of ownership.

If to utility:

Use the contact information provided below. The utility is responsible for notifying the interconnection customer of any change in the contact party information.

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Fax Number: _____ E-Mail Address: _____

**Interconnection Request Application Form
(Greater than 10 kW to 1MW)**

Interconnection Customer Contact Information

Customer Name: _____
Primary Contact: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Alternative Contact Information (if different from Primary Contact Information)

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Facility Address (if different from above): _____
City: _____ State: _____ Zip Code: _____
(utility name) serving Facility site: _____
Account Number of Facility site (existing utility customers): _____
Inverter Manufacturer: _____ Model: _____

Equipment Contractor

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Electrical Contractor (if different from Equipment Contractor)

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Fax Number: _____ E-Mail Address: _____

License number: _____

Electric Service Information for Customer Facility Where Generator Will Be Interconnected

Capacity: _____ (Amps) Voltage: _____ (Volts)

Type of Service: Single Phase Three Phase

If 3 Phase Transformer, Indicate Type:

Primary Winding Wye Delta

Secondary Winding Wye Delta

Transformer Size: _____ Impedance: _____

Intent of Generation

Offset Load (Unit will operate in parallel, but will not export power to utility)

Net Meter (Unit will operate in parallel and will occasionally export power into the distribution system)

Generator& Prime Mover Information

ENERGY SOURCE (Wind and Solar):

ENERGY CONVERTER TYPE (Wind Turbine, Photovoltaic Cell, Fuel Cell):

GENERATOR SIZE:

kW or kVA

NUMBER OF UNITS:

TOTAL CAPACITY:

kW or kVA

GENERATOR TYPE (Check one):

Induction

Inverter

Synchronous

Other

Distributed Generation Facility Information

In-Service Date: _____

List interconnection components/systems to be used in the distributed generation facility that are lab-certified.

Component/System	NRTL Providing Label & Listing
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Please provide copies of manufacturer brochures or technical specifications.

Energy Production Equipment/Inverter Information:

Synchronous	Induction	Inverter	Other
_____	_____	_____	_____
Rating: _____ kW		Rating: _____ kVA	
Rated Voltage: _____ Volts			
Rated Current: _____ Amps			
System Type Tested (Total System):			
Yes : _____ No; attach product literature			

Additional Information for Inverter-Based Facilities

Inverter Information:

Manufacturer: _____ Model: _____

Type: _____ Forced Commutated _____ Line Commutated

Rated Output: _____ Watts _____ Volts

Efficiency: _____ % Power Factor: _____ %

Inverter UL 1741 Listed: Yes No

DC Source / Prime Mover:

Rating: _____ kW Rating: _____ kVA

Rated Voltage: _____ Volts

Open Circuit Voltage (if applicable): _____ Volts

Rated Current: _____ Amps

Short Circuit Current (if applicable): _____ Amps

Other Facility Information:

One Line Diagram attached: Yes

Plot Plan attached: Yes

Customer Signature

I hereby certify that all of the information provided in this Interconnection Request Application Form is true.

Applicant Signature: _____

Title: _____ Date: _____

Utility Acknowledgement

Receipt of the application fee is acknowledged, and this interconnection request is complete.

Utility Signature: _____ Date: _____

Printed Name: _____ Title: _____

Certificate of Completion

To be completed and returned to the (position title) when installation is complete and final electric inspector approval has been obtained*

Interconnection Customer Information

Customer Name: _____
Primary Contact: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Installer

Check if owner-installed ☐

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Fax Number: _____ E-Mail Address: _____

Final Electric Inspection and Interconnection Customer Signature

The distributed generation facility is complete and has been approved by the local electric inspector having jurisdiction. A signed copy of the electric inspector's form indicating final approval is attached. The interconnection customer acknowledges that it shall not operate the distributed generation facility until receipt of the final acceptance and approval by the utility as provided below.

Signed: _____ Date: _____
(Signature of interconnection customer)

Printed Name: _____

Check if copy of signed electric inspection form is attached ☐

Check if copy of as built documents is attached (projects larger than 10 kVA only) ☐

Acceptance and Final Approval for Interconnection (for utility use only)

The interconnection agreement is approved, and the distributed generation facility is approved for interconnected operation upon the signing and return of this Certificate of Completion by utility:

Utility waives Witness Test? (Initial) Yes () No ()

If not waived, date of successful Witness Test: _____ Passed: (Initial) _____

Utility Signature: _____ Date: _____

Printed Name: _____ Title: _____

* Prior to interconnected operation, the interconnection customer is required to complete this form and return it to the utility.