



City of Mascoutah
3 West Main Street
Mascoutah, IL 62258-2030
(618) 566-2964
Fax: (618) 566-4897
Email: permits@mascoutah.com

Standard Distributed Generation Interconnection Request Application
(Lab-Certified) Inverter-Based Distributed Generation Facilities Greater than 25kW AC

Fee: \$300 + Meter Cost

A. Interconnect Applicant Information

Customer Name: _____
Installation Address: _____
Mailing Address (if different from above): _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____

Additional Contact Information (if different from primary contact)

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____

B. Installation Contractor

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____

C. Electrical Contractor (if Different from Installation Contractor):

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____
Contractor License Number: _____
Active License? Yes No
Is the Interconnection Customer Requesting Net Metering? Yes No

D. Distributed Generation Facility (“Facility”) Information

Capacity: _____ (Amps) Voltage: _____ (Volts)
Type of Service: Single Phase Three Phase
If Three Phase Transformer, indicate type:
Primary Winding Wye Delta
Secondary Winding Wye Delta
Transformer Size: _____ Impedance: _____
Generation Facility Nameplate Rating: _____ (kW) _____ (kVA) _____ (AC Volts)

E. Generator & Prime Mover Information

Energy Source (Wind and Solar): _____
Energy Converter Type (Wind Turbine, Photovoltaic Cell): _____
Generator Size (kW or kVA): _____ Number of Units: _____
Total Capacity (kW or kVA): _____
Generator Type (Circle One):
Induction Inverter Synchronous Other

F. 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 manufacture brochures or technical specifications.

Energy Production Equipment/Inverter Information:

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

G. Additional Information for Inverter-Base Facilities

Inverter Information:

Manufacturer: _____ Model: _____

Type: Forced Commutated _____ Line Commutated _____

Rated Output: _____ Watts _____ Volts

Efficiency: _____ % Power Factor: _____ %

Inverter UL 1741 Listed: Yes No

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 specification and label information from a nationally recognized testing laboratory.)

H. Installation

1. Proposed installation date: _____
2. Proposed interconnect date: _____
3. Estimated Cost: _____
4. ***Submit/Attach a one-line electrical diagram for proposed Net Metering System,*** including the location of the Renewable Resource, the inverter, lockable disconnect switch, metering points in relation to the City's Electric system, and the Net Metering Location.
5. Submit Plot Plan.
6. Submit an engineer's sealed letter, signing off that the trusses (if installing on house) will hold weight of solar panels.

I. 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. The interconnection customer shall name the City of Mascoutah as an additional insured on its homeowner's insurance policy, or similar policy covering general liability.

J. Interconnection Compliance

1. Customer - Generator shall be solely responsible for obtaining and complying with all necessary easements, licenses, and permits, or exemptions, as may be required by any federal, state, local statutes, regulations, ordinances, or other legal mandates.
2. Customer - Generator shall not commence parallel operations of the Net Metering System until written approval of the interconnection has been provided by the City.
3. The Renewable Resource must be IEEE 1547 compliant, UL 1741 listed, and contain an interconnection discount device that is manual, lockable, visible, and accessible.

K. Owner Acknowledgement

1. There is not a Purchase Power Agreement associated with the installation or operation of this renewable energy generator.
2. I hereby acknowledge that I understand and have followed the guidelines for the City of Mascoutah Customer Self-Generation Net Metering Policy and Customer Self-Generation Interconnection Policy; Resolution No. 21-22-19 adopted March 7, 2022.

3. The interconnection customer acknowledges that it shall not operate the distributed generation facility until receipt of the final acceptance and approval by the utility is provided.
4. I hereby certify that:
 - a. I have read and understand the terms and conditions which are attached hereto by reference; and
 - b. I hereby agree to comply with the attached terms and conditions; and
 - c. To the best of my knowledge, all of the information provided in this application request form is complete and true.
5. The Customer understands that the City of Mascoutah is to be held harmless for any liabilities associated with the operation of the Customer's generating facilities.

Owner Signature: _____ **Date:** _____

Name (Print): _____ **Date:** _____

Installer Signature: _____ **Date:** _____

Name (Print)/Title: _____ **Date:** _____

Conditional Agreement to Interconnect Distributed Generation Facility

By its signature below, the City of Mascoutah 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.

- ☐ Application
- ☐ Certificate of Completion
- ☐ Customer-Owned Generating Facilities Interconnection Agreement
- ☐ Electric Permit
- ☐ Engineer's sealed letter, signing off that the trusses will hold weight of solar panels
- ☐ Fee submitted
- ☐ Homeowner's Insurance Policy
- ☐ Manufacturer's technical specification and label information from a nationally recognized testing laboratory (if required).
- ☐ One-line electrical diagram for proposed Net Metering System

Utility Representative Signature: _____ **Date:** _____

Name: _____ **Title:** _____



Mascoutah
ILLINOIS

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ELECTRICAL PERMIT - Solar Installation

Permit No. _____
Date: _____
Parcel No: _____
Owner: _____
Address of Property: _____
City, State: _____
Phone Number: _____

Type of Work: _____

Electrician: _____
Address: _____
City, State, Zip: _____
Phone Number: _____

AN INSPECTION IS REQUIRED PRIOR TO FINAL HOOK-UP WITH CITY OF
MASCOUTAH POWER COMPANY. PLEASE CONTACT SCOTT MEINHARDT,
INSPECTOR, AT (618) 779-7457 TO SCHEDULE INSPECTION AT LEAST 48 HOURS IN
ADVANCE OR SHOULD YOU HAVE ANY QUESTIONS.

Owner/Applicant Signature: _____

Inspection Fee - \$100.00 (Included in application fee)
Re-inspection Fee - \$50.00 each

* * * * *

Inspection Date: _____ Inspector: _____

☐ Pass

☐ Fail



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Certificate of Completion

Interconnect Customer Information (To be Completed by Customer)

Customer Name: _____
Service Address: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone: _____ Email Address: _____

Installer

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone: _____ Email Address: _____

Acceptance and Final Approval for Interconnection (For Utility Use Only)

The distributed generation facility is complete and has been approved by the local electric inspector having jurisdiction. The interconnection agreement is approved and the distributed generation facility is approved for the interconnected operation.

Date of successful Witness Test: _____ Passed: (Initial) _____

Utility Signature: _____ Date: _____

Printed Name: _____ Title: _____