



**City of Waynesville, Missouri
Interconnection Application
Net Metering Systems (100 KW or less)**

Instructions

1. Customers applying for a new interconnection or modifying an existing generator system shall complete the application form and attach plans and specifications describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator System") and submit them to City Of Waynesville along with a \$50.00 non-refundable application fee:

**Net Metering Application
City Of Waynesville
100 Tremont Center
Waynesville, MO 65583**

2. City of Waynesville will provide written approval or denial of this Application within 90 days of the receipt by City of Waynesville. If denied, the Customer will be provided with the reasons for denial. If approved this application shall become a binding contract and shall govern the Customer's relationship with the City of Waynesville. **No construction will begin without the written approval of this application.**
3. After receiving approval of this Application, the Customer-Generator System must be constructed in compliance with the plans and specifications described in the Application. After the construction has been completed, the customer must hire a third party professional engineer registered in the State of Missouri or an electrician licensed in the City of Waynesville to inspect the Customer-Generator System. The engineer or electrician shall then complete and sign the "Post-Installation Electrical Inspection" section of this application. The Customer shall then sign the "Post-Installation Customer-Generator Acknowledgement" section and return the completed Application to the City of Waynesville. The City of Waynesville will provide written of acceptance or denial of completed "Post-Installation Electrical Inspection" and "Post-Installation Customer-Generator Acknowledgement" sections. Upon approval, City of Waynesville will interconnect the Customer-Generator System to City of Waynesville's electrical system. If electric service already exists, City of Waynesville will make the interconnection within 30 days. In some cases the City of Waynesville may assist the Customer in making the interconnection. If the "Post-Installation Electrical Inspection" and/or "Post-Installation Customer-Generator Acknowledgement" sections are disapproved, City of Waynesville will provide written notification of the reasons for disapproval.
4. Customers assuming ownership or operational control of an existing Customer-Generator system must complete the Application form and forward to City of Waynesville at the address listed above. If any changes are necessary, please follow step 1 above. Written approval or denial will be given within 30 days of receipt. If denied, City of Waynesville will provide reasons for denial. If approved, this Application shall become a binding contract and shall govern the customer's relationship with the City of Waynesville. **No Changes can be made without written approval of this Application.**

**City Of Waynesville, Missouri
Interconnection Application**

Net Metering Systems (100 KW or Less)

Application

Customer Information

Name: _____

Service Address: _____

City: _____ State: _____ Zip Code: _____

Mailing Address (if different from above): _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: _____ Fax number: _____ E-mail _____

Emergency Contact Phone: _____

City of Waynesville Account No. (from Utility Bill): _____

I have read, understand, and accept the provisions of this Application.

Signed (Customer): _____

Print (Customer): _____

Generator System Information

Manufacture Name Plate (if applicable) AC Power Rating: _____ KW Voltage: _____ Volts

System Type: Solar _____ Wind _____ Biomass _____ Fuel Cell _____ Other (describe) _____

Service/Street Address: _____

Inverter/Interconnection Equipment Manufacture: _____

Inverter/Interconnection Equipment Model No.: _____

Are Required System Plans & Specifications attached? Yes _____ No _____

Inverter/Interconnection Equipment Location (describe): _____

Disconnect Switch Location (describe): _____

Existing Electrical Service Capacity: Amps _____ Volts _____

Service Character: Single Phase _____ Three Phase _____

Generator Installation Information

Person or Company Installing: _____

Contractor License No.: _____

Generator Installation Information cont.

Approximate Installation Date: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Day Time Phone: _____ Fax #: _____ E-Mail: _____

On site Contact Person: _____ On Site Contact Phone: _____

Person or Agency who will Inspect/Certify Installation: _____

The proposed Customer-Generator System complies with all applicable National Electrical Safety Code, National Electrical Code, Institute of Electrical and Electronics Engineers, and Underwriters Laboratories requirements for electrical equipment and their installation. As applicable to system type, these requirements include, but not limited to, UL 1741 and 9249-2000. The proposed installation complies with all applicable local electrical codes and all reasonable Safety requirements of City of Waynesville. The Customer-Generator's System is only required to include one lockable, visible disconnect device, accessible to City of Waynesville. If the interconnection equipment is equipped with a lockable, visible, and accessible disconnect, no redundant device is needed to meet this requirement. The proposed Customer-Generator's System has functioning controls to prevent voltage flickering, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for the system synchronizing to City of Waynesville's system. The proposed Customer-Generator's System must comply with the City of Waynesville power Quality Standards, and Rules and Regulations. The proposed Customer-Generator's System has an anti-islanding function that prevents the generator from continuing to supply power when City of Waynesville's electrical system is not energized or operating normally. If the proposed Customer's Generator's System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed Customer-Generator's System includes a parallel blocking scheme for this back up source that prevents any backflow of power to City of Waynesville's electrical system when the electrical system is not energized or not operating normally.

Signed (Installer): _____ Date: _____

Name (Print): _____

Post-Installation Electrical Inspection

I hereby certify that the Customer-Generator's System referenced above satisfies all requirements noted in the "Generator Installation Information" section of this application.

Inspector Name (Print): _____

Inspector Engineer Company/Electrical Company: _____

Inspector Certification: I am (check one): _____ a professional electrical engineer registered in Missouri
_____ I am a qualified Electrician Licensed in the City of Waynesville

License No.: _____

Signed (Inspector): _____

Post-Installation Customer-Generator Acknowledgement

I am aware of the Customer-Generator's System installed on my premises and I have been given warranty information and/or an operational manual for that system. Also I have been provided with a copy of City of Waynesville's interconnection requirements. I am familiar with the operation of the Customer-Generator's System. I agree to abide by the terms of this Application and I agree to operate and maintain the Customer-Generator's System in accordance with the manufacture's recommended practices as well as City of Waynesville's interconnection standards. If, at any time and for any reason, I believe the Customer-Generator's System is operating in an unusual or defective manner that may result in any disturbances on City of Waynesville's Electrical system, I shall disconnect the Customer-Generator's System and not reconnect until the Customer-Generator's System is operating normally after repair and inspection. Further I agree to notify the City of Waynesville no less than 30 days prior to modifications of the components or design of the Customer-Generators System. I acknowledge that any such modifications will require submission of a new Application and subject to approval by the City of Waynesville. I understand and agree that the City of Waynesville has the right to disconnect and lock-out the Customer-Generator's System for the City of Waynesville's Electrical system for any reason, and at any time. I agree not to operate the Customer-Generator's System in parallel with the City of Waynesville's Electrical system until the "Post-Installation Electrical Inspection" and "Post-Installation Customer-Generator Acknowledgement" sections of this Application have been approved by the City of Waynesville. I furthermore agree to at least once a year, conduct a test to confirm that the Customer-Generator's net metering unit automatically ceases to energize the output (INTERCONNECTION EQUIPMENT OUTPUT VOLTAGE GOES TO ZERO) within 2 seconds of being disconnected from the City of Waynesville electrical system. This tested must be preformed by an Electrical Engineer licensed in the state of Missouri or a qualified electrician licensed in the City of Waynesville. This test must also be scheduled so that a City of Waynesville employee can be there as a witness to the test.

Signed (Customer-Generator): _____ Date: _____

Print (Customer-Generator): _____