

**City of Waterloo, Illinois**  
**Net Metering Policy**  
**2017**

**Section 1:** The City of Waterloo shall make available, upon request, net metering service to any customer taking service from City of Waterloo and who meets the requirements set forth in this policy. For purposes of this policy “net metering” means service to an electric customer under which electric energy generated by that electric customer from an eligible on-site generating facility owned by that customer and, under some circumstances, delivered to the local distribution facilities, may be used to offset electric energy provided by the electric utility to the electric customer as provided for in this policy.

**Section 2:** For purposes of this policy an eligible on-site generating facility shall be defined as a renewable generating facility such as a photovoltaic facility and small wind turbines. Other forms of renewable generation shall be considered on a case by case basis. In all cases, facilities interconnected must be deemed to be renewable to qualify for this policy.

**Section 3:** The electric generating facility must also abide by the City of Waterloo Interconnection Standards currently in place.

**Section 4:** Subject to the limitations set forth herein, the City of Waterloo shall make net metering service available upon request to any City of Waterloo electric customer with a qualifying generating facility of 10 kW capacity or less.

**Section 5:** Any generating facility greater than 10 kW but less than 1 MW shall be considered on a case by case basis. The decision with respect to such facilities shall be made by the City of Waterloo.

**Section 6:** Notwithstanding the provisions in Section 5, the City of Waterloo reserves the authority to limit the size of a customer net metered installation to a size such that the electrical output will not, as a matter of routine operation, exceed the electric load of the service at which it is installed.

**Section 7:** Total net metered capacity interconnected under this policy for the City of Waterloo system shall not exceed 2% of the system’s peak as it existed in the prior calendar year. In the event that the system peak is reduced such that the existing net capacity exceeds the 2% level, those existing net metered customers shall be allowed to continue under this policy. However, no new interconnections will be allowed until such time as the system peak grows such that net metered capacity is again no greater than 2% of the system’s peak.

**Section 8:** The utility shall install a bi-directional meter to measure both the energy used by the customer from the utility and the energy provided by the customer to the utility. Energy used by the customer from the utility, as reflected in the meter reading,

shall be billed at the appropriate utility full retail rate. For any energy generated by the customer and provided to the utility for a given billing period, as reflected in the meter reading, a credit shall be applied to the customer's bill based upon the utility's avoided cost. Avoided cost shall be defined as the average cost in cents/kWh billed to the utility by its power supplier for the previous month.

**Section 9:** Any costs the City of Waterloo incurs associated with the net metering program, including but not limited to changes in metering, other physical facilities or billing-related costs, shall be born by the participants in the net metering program.

**Section 10:** The City of Waterloo shall develop such documents as needed to implement this policy.

## **City of Waterloo, Illinois Interconnection Policy 2017**

**Section 1:** The City of Waterloo shall make available, upon request, interconnection services to any customer that meets the required guidelines. Interconnection services in this policy refers to on-site generating facilities connected to the City of Waterloo's electric distribution system in a manner that will allow excess electricity generated by the eligible on-site generating facility to be safely delivered onto the City of Waterloo's electric distribution system.

**Section 2:** Guidelines for interconnecting to the utility system are as follows;

- a. Only generating facilities that have been approved by the Director of Public Works of the City shall be interconnected with the City of Waterloo's electric distribution system.
- b. Interconnection Services shall only be available to premises with aggregated total generation at a single customer site of less than 1 MW.
- c. All interconnections shall comply with IEEE Standard 1547 for Interconnecting Distributed Resources with Electric Power Systems (IEEE 1547) as they may be amended from time to time.
- d. All auxiliary generation interconnections shall have a time delay set for no less than two (2) minutes.
- e. The City of Waterloo is under no obligation to purchase energy supplied to the utility under this standard. This does not preclude the customer meeting applicable standards that would allow the customer to supply power onto the utility's system and receive credit for such energy under the utility's Net Metering Policy.
- f. If the customer qualifies under the Interconnection standard but does not qualify under the Net Metering Policy then any energy delivered to the utility system shall be surrendered to the utility with no value. The City of Waterloo will install a meter that will not provide any credit for energy delivered to the utility system and the customer will pay for any costs associated with the meter change.
- g. Customers will comply with all other applicable utility standards for interconnection.
- h. Capacity of 10 kW or less and interconnected to the utility system shall comply with IEEE 1547 section 5.5, periodic interconnection tests. All interconnection related protective

functions and associated batteries shall be periodically tested at intervals specified by the manufacturer system integrator, or the authority that has jurisdiction over the Distributed Resources interconnection, or all tests shall be performed at a minimum of every three (3) years. Periodic test reports shall be maintained and submitted to the City of Waterloo.

- i. Systems of greater than 10 kW or less than 1 MW and interconnected to the utility system shall comply with IEEE 1547, Section 5.5, Periodic Inspection Test. All test reports shall be submitted to the City of Waterloo after completion of the yearly testing.
- j. Reports required under Section 2, paragraphs g. and h., must be submitted within 30 days of the anniversary date of the energizing of the interconnect generating. If the required reports are not received within the period, the generation must be disconnected until such time as the reports are submitted.
- k. The customer shall carry a liability insurance policy issued by a licensed insurance carrier with an A.M. Best rating of B+ or better that provides protection against claims for damages resulting from (i) bodily injury, including wrongful death; and (ii) property damage arising out of the customer's ownership and/or operation of the distributed generating facility under this policy. The limits of such policy shall be at least \$1,000,000 per occurrence for those customers with small generating facilities. The customer shall provide a certificate of insurance containing a minimum 30 day notice of cancellation to the City prior to connection of the customer's facility to the electric system. The customer shall provide proof of insurance once per year to the City. The Certificate of Insurance shall include the City of Waterloo as an Additional Insured.

**Section 3:** The City of Waterloo shall develop such documents as needed to implement this policy.