



## APPLICATION TO INTERCONNECT TO THE CWLP DISTRIBUTION SYSTEM

Customers with onsite generators have the option of interconnecting their generators of less than 1,000 kVA to the CWLP electric distribution system. To do so, their on-site generation facilities must abide by CWLP's Rules and Specifications and they must enter into a contract with CWLP. Electrical contractors wishing to interconnect an on-site generator to CWLP distribution facilities should use this form.

This form cannot be completed or submitted electronically. You will need to print it out, fill in all sections marked by an asterisk, sign and date the form, and then submit it by mail or in person or by fax to:

Superintendent of Electric T&D Engineering  
CWLP Engineering Office  
1008 E. Miller St.  
Springfield, IL 62702

FAX: (217) 789-2082

**APPLICATION FOR INTERCONNECTION**

Contract Number:

Customer Service Address

Name, \_\_\_\_\_

Address\* \_\_\_\_\_

City\* \_\_\_\_\_

Zip Code\* \_\_\_\_\_

Customer Billing Address

Name\* \_\_\_\_\_

Address\* \_\_\_\_\_

City\* \_\_\_\_\_

Zip Code\* \_\_\_\_\_

Phone number\* \_\_\_\_\_

Account Number\* \_\_\_\_\_

This contract is made and entered into this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by and between the City of Springfield, Illinois, hereinafer referred to as City, and \_\_\_\_\_ hereinafter referred to as Customer.

**WITNESSETH:**

**WHEREAS**, City owns and operates an electrical transmission and distribution system known as City Water Light and Power, herein referred to as CWLP, serving the businesses and residences of the City of Springfield and certain environs, and

**WHEREAS**, Customer proposes to install an on site generator of less than 1000 KVA and is described as \_\_\_\_\_, and

**WHEREAS**, Customer desires to operate and maintain an on-site generator interconnected to CWLP.

**NOW, THEREFORE**, for and in consideration of the premises and mutual undertakings hereinafter set forth, it is agreed by and between City and Customer as follows.

1. Interconnection of on-site generating facilities means service to an electric Customer under which the generating facilities on the Customer's premises shall be synchronized to CWLP distribution facilities.
2. The Customer understands that any costs CWLP incurs associated with the interconnection shall be borne by the Customer. Also, any additional facilities necessary to accommodate the Customer may require a supplemental facility charge.
3. The Customer's on-site generating facility must also abide by CWLP's Rules and Specifications.
4. The Customer understands that City is to be held harmless for any liabilities associated with the operation of the Customer's generating facilities.
5. The City shall have the right to terminate electric service or require the Customer to immediately disconnect the on-site generating facilities without advance notice or liability to the City if in the City's sole reasonable judgment and discretion, (a) continued electrical generation by Customer may be dangerous to life, limb or property or jeopardizes operation of City's distribution system; (b) if there are replacements of Customer's electric generating facilities or significant alterations to them; (c) if failure of Customer's generating facilities will cause disturbances to the City's distribution system; (d) if Customer generating facilities cause any significant electric problems with any other City Customers; or (e) if Customer violates any term or condition of this agreement or any applicable code such as, but not limited to, National Electric Code (NEC) Article 690, Institute of Electrical and Electronic Engineers (IEEE) 929, IEEE 1547 and Underwriters Laboratories (UL) 1741.
6. Customer understands the terms and conditions of interconnection are governed by the City, and are subject to change. The initial term of this agreement shall be one year, and shall remain in effect until canceled by the City or the Customer. There is no guarantee of interconnecting facilities in perpetuity.
7. Customer shall install a lockable, visible-break isolation device at the generating facility. Customer shall allow City full access to the device. The device may be locked in a position as part of necessary maintenance work performed by the City.
8. All generating facilities shall be installed to current applicable NEC and IEEE standards. The Customer is required to submit the following information in regards to the generator:
  - a. Compliance with IEEE 929 or UL 1741.
  - b. Design tests performed on the unit, in accordance with IEEE 1547 Section 5.1.
  - c. List of Factory recommended field tests.

On-site generating facilities below 250 kVA capacity 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 Resource (DR) interconnection, or all tests shall be performed at a minimum of every 3 years. Periodic test reports or a log for inspection shall be maintained, these shall be submitted to CWLP Engineering department every three years.

9. On-site generating facilities 250 kVA and above shall perform all interconnection-related protective functions and associated batteries on a yearly basis. All test reports shall be submitted to CWLP's Engineering department after completion of the yearly testing.
10. Customers having three phase service with CWLP will be required to install three phase generator.
11. Customer agrees that CWLP shall inspect and approve the installation prior to hookup, and that CWLP shall witness operational test run of interconnected facilities.
12. Customer agrees not to make any alterations or modifications to the interconnected facilities without notice and approval by CWLP.
13. CWLP assumes no responsibility for the protection of the Customer's on-site generating facilities or any other portion of the Customer's electrical equipment.
14. Customer agrees to give CWLP access to conduct periodic inspections of the Customer's equipment.
15. Customer shall be liable for any damage caused to CWLP equipment or personnel as the result of any deviation from published standards such as, but not limited to, NEC 690, IEEE 929, IEEE 1547 and UL 1741.
16. Customers with a renewable energy generator of 25kW or less are eligible for net metering service upon request. In either case a separate contract for Net Metering is required. Any renewable energy generator over 25kW will be subject to a CWLP engineering review to determine eligibility for net metering.

BY:

\_\_\_\_\_  
Customer

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

\_\_\_\_\_  
Superintendent Electric T & D Engineering  
City Water Light and Power  
City of Springfield, IL

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