

Customer-Generator Interconnection Policy

Purpose and Motivation

This Customer-Generation Interconnection Policy establishes general requirements for customers who install a Renewable Electrical Generation Facility on customer owned, leased, or rented premises.

Scope

It is the policy of the City of Shasta Lake to allow its electric service customers to install a permanent Renewable Electrical Generation Facility, with a total capacity of not more than one megawatt, that is located on the customer's owned, leased, or rented premises, is interconnected and operates in parallel with the City's electric grid, and is intended primarily to offset part or all of the Customer's own electrical requirements. This policy applies to all Customers installing a Renewable Electrical Generation Facility for the purposes and under the conditions described above, and the requirements listed herein supplement all other applicable laws, codes, rules, and regulations.

Definitions

"Customer" means a person, persons, or other legal entity that takes electric services from the City of Shasta Lake under an established electric rate class.

"City" means the City of Shasta Lake.

"City Council" means the City of Shasta Lake City Council.

"Customer-Generator" means a Customer who has installed and operates a Renewable Electrical Generation Facility interconnected to and in parallel with the City's electric grid at the Customer's premises.

"Generating Facility Rating" means the maximum rated output, measured in kilowatts, of the Renewable Electrical Generation Facility and is established under "Equipment Sizing Procedure" of this policy.

"Renewable Electrical Generation Facility" or "Equipment" means a facility that generates electricity from a renewable source listed in paragraph (1) of subdivision (a) of Section 25741 of the Public Resources Code. A small hydroelectric generation facility is not an eligible renewable electrical generation facility if it will cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.

Term

The Customer-Generator Interconnection Policy shall become effective upon approval by the City Council and shall remain in effect until amended or revoked by the City Council.

Requirements for Customer-Generation Interconnections

The City Manager shall be responsible for establishing and administering the procedure and supporting documentation, including any necessary modifications to procedure and supporting documentation as necessary from time to time, to facilitate Customer-Generator Interconnections set forth in this Policy.

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All forms required of applicants must be completed with accurate information to be deemed valid by the City and only valid forms shall be considered for Interconnection requests and other City programs.

Customer shall pay the City a one-time, non-refundable, service fee to fund the City's activities related to the review, evaluation, inspection, and deactivation/activation of electric service during the installation of customer Renewable Electricity Generation Equipment. This fee may be updated by City personnel from time to time.

Customer shall comply with all applicable electrical generating system safety and performance standards established by or under the National Electrical Code (NEC), the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories, including, without limitation, Underwriters Laboratories, and in accordance with the applicable rules and regulations of the California Energy Commission and California Public Utilities Commission pertaining to the safety and reliability of electrical generating systems and applicable building codes.

Customer shall install a visible disconnect switch for the Equipment. The disconnect switch shall be lockable in the open position and directly accessible to City of Shasta Lake employees at all times. Disconnect shall be installed in close proximity to, or no more than ten (10') feet from the meter.

Customer shall be responsible for all costs associated with the purchase and installation of an electric meter that meets all technical requirements as set forth in the City of Shasta Lake Municipal Codes as amended from time to time. Customer shall deliver the available energy to the City of Shasta Lake at its meter located on Customer's premises.

Customer shall operate and maintain the Equipment in accordance with all applicable laws, rules and regulations, including City Council policy and City of Shasta Lake Municipal Code, and shall not be permitted to operate any Equipment that adversely impacts the City of Shasta Lake electric utility distribution system, as determined by the City of Shasta Lake Electric Department.

Customer shall not commence the operation of the Equipment in parallel with City of Shasta Lake's electric utility distribution system, unless and until the prior written authorization of City of Shasta Lake's Electric Utility Director, or designee, is furnished. City of Shasta Lake shall furnish its approval within ten (10) business days, as practicable, after Customer secures a copy of the final inspection and the written approval of the Equipment.

City of Shasta Lake, or its designated representatives, may be present at the final inspection which will be conducted by the governmental authority having jurisdiction to inspect and approve the installation of the Equipment. Customer shall notify City of Shasta Lake Development Services Department of the opportunity to attend the inspection no less than five (5) days prior to the established date of inspection.

The Equipment must be operated primarily to offset part or all of Customer's electrical service requirements, and Equipment sizing shall conform to the "Equipment Sizing Procedure" as set forth in this policy.

Customer shall not add generation capacity in excess of the generating facility rating or otherwise materially modify the Renewable Electrical Generation Facility, except otherwise provided in the

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“Equipment Sizing Procedure” as set forth in this policy, without the prior written permission of the City of Shasta Lake.

Equipment Sizing Procedure

In order to prevent shifting of cost between Customer-Generators and other bundled electric service customers, the Generating Facility Rating of the Equipment shall be determined such that annual system output, measured in kilowatt-hours, shall not exceed one hundred percent (100%) of the Customer’s electrical usage at the premises for the past twelve months, using the procedure outlined on the City’s application forms for specific technology types, including procedures to estimate the Customer’s electrical usage over a 12-month period if such data is not available. All Equipment sizing methods and assumptions may be updated by City personnel from time to time.

The Customer-Generator shall not modify its Equipment or install additional Equipment in such way that results in an increase in electricity output, unless all of the following are satisfied: (a) Customer-Generator makes such alterations in compliance with all applicable laws, regulations, codes, standards, requirements of the City; (b) the Customer-Generator receives expressed written permission from the City to alter its Equipment; (c) the total generating output of all Equipment at the Customer premises does not exceed the Customer-Generator’s updated electrical usage over the most recent 12-month period; and (d) the resulting Equipment rating is no more than one-hundred ten percent (110%) of the original Equipment rating installed at the premises.

Application for Solar Technologies

Equipment sizing for Renewable Electrical Generation Facility using solar technologies shall use the procedures detailed in the City’s solar application.

Application for Wind Technologies

[Reserved]

Application for Biomass Technologies

[Reserved]

Consent to Disclose Personal Identifying Information as Required Under Applicable Laws

By interconnecting a Renewable Electrical Generation Facility to the City of Shasta Lake electric grid, the owner of the Renewable Electrical Generation Facility and owner of the premises where the Equipment is installed consent, without further notice, to have the City of Shasta Lake provide certain personal identifying information of the Equipment owner and premises owner to third parties as required under applicable requirements of Federal, State, and Local jurisdictions.