



1. GENERAL REQUIREMENTS

Customer-Generator has elected to operate its renewable electrical generating facility in parallel with the City of Ukiah's distribution facilities. The renewable electrical generating facility is intended primarily to offset part or all of the Customer-Generator's own electric requirements.

Customer-Generator shall not commence operation of the Facility until the completion of all of the following:

- 1.1 Pay applicable fees, including Building Permit, all applicable Community Development Department requirements, Electric and Public Works impacts, connection, etc.
- 1.2 Approval of final inspection by the City of Ukiah Community Development Department, Building Division.
- 1.3 A fully executed Interconnection Agreement is on file with the Electric Department.
- 1.4 Installation has met all of the Utility's interconnection requirements.
- 1.5 Receive a written "Permit to Operate" Letter.

2. INTERCONNECTION REQUIREMENTS

- 2.1 The City of Ukiah shall furnish and install bi-directional multi-register revenue watt-hour meter. Meter will record real-time energy delivered and received and total demand.
- 2.2 The City of Ukiah shall furnish and install standard watt-hour generation meter. Customer - Generator shall provide and install related equipment to maintain, operate and monitor the solar installation per city standards, including disconnects, metering cabinets, telemetry cabinets and cabinet power.
- 2.3 Customer-Generator shall design, provide, install, and operate the generating facility in accordance with all applicable laws and regulations and shall comply with all the requirements set forth by the City of Ukiah's Electric Utility, the Community Development Department, Building Division and all applicable State and Federal laws and regulations.
- 2.4 Generation over 10 kW shall be subject to system impact study to ensure grid safety and reliability. Cost of studies and upgrades associated with generation over 10 kW will be established during the permitting process and paid prior to connection.
- 2.5 The generating facility shall have the capability of adjusting the Power Factor from 0.9 lagging to 0.9 leading.

- 2.6 The power factor of the solar generator shall be adjusted to maintain a site power factor (PF) between unity (PF=1) and the load PF (lagging) measured at peak load. Site power factor is defined as the resulting PF of the combination of load and generation operating in parallel.
- 2.7 City of Ukiah's Electric Utility reserves the right to require additional metering equipment for statistical and/or billing purpose.
- 2.8 Customer-Generator facility shall conform to all the applicable design, safety and performance standards established by the applicable City building codes, California Electric Code (CEC), the Institute of Electrical and Electronics Engineers (IEEE) and the Underwriters Laboratories (UL) 1741.
- 2.9 Inverter output shall automatically disconnect from the Electric Utility upon the loss of Utility voltage and not reconnect until Utility voltage has been restored by Electric Utility.
- 2.10 Customer-Generator shall not commence parallel operation of the generating facility until all requirements set forth by the City of Ukiah Electric Utility and Community Development Departments have been met per this Interconnection Agreement. The City of Ukiah shall have the right to have representatives present at the initial testing of Customer-Generator's protective apparatus.