

## SECTION I.I – NET METERING

The Company shall provide information related to interconnection (net metering) upon customer request. If the Customer wishes to apply for interconnection to the Company's electrical system, the Customer shall complete sections A – D of the net metering facilities application and attach plans and specifications of the installation. The application, along with attached plans, shall be submitted to the following address. They shall be submitted to the following address:

KCP&L  
Attn: Solar Rebates/Net Metering  
P.O. BOX 418679  
KANSAS CITY, MISSOURI 64141-9679  
[NetMeteringApp@kcpl.com](mailto:NetMeteringApp@kcpl.com)

The Customer will be provided with an approval or denial of this application. For Customer generators greater than 10kW but not greater than 100kW, the Company shall provide a decision within ninety (90) days. For Customer generators 10kW or less the Company shall provide a decision within thirty (30) days or less. If the application is denied, the Customer will be provided reason(s) for denial. If this application is approved and signed by both the Customer and Company, it shall become a binding contract and shall govern the Customer's relationship with the Company.

### A. APPLICATION STANDARDS

When applying for pre-approval of any renewable net metering installations or solar rebates, KCP&L will only accept and review applications adhering to the following application standards:

#### A. Net Metering Interconnection Agreements and Solar Rebate:

- (1) Applications shall be legible.
- (2) All applicable fields will be completely filled out as required. Incomplete applications will be returned.

#### B. Single-line diagrams:

- (1) Diagrams will be project specific. Generic line drawings from specification manuals will not be accepted.
- (2) Diagrams must be legible. Drafting quality is preferred.

#### C. Installation plan:

- (1) A legible general site or plan drawing of the installation will be included. Detail architectural or construction drawings are not required
- (2) A legible map of the location will be included. The general location of the installation and the location of the associated meter should be depicted.

#### D. Equipment specifications (Electrical requirements as defined in paragraph A and B of the Qualified Electric Customer-Generator Obligations section of this tariff):

- (1) Photovoltaic PV panel specification sheets are required referencing UL certification.
- (2) Wind turbine specification sheets are required referencing UL certification.
- (3) Power inverter specification sheets are required referencing UL certification
- (4) If another certification agency is referenced in the specification sheet, please provide

necessary documentation to associate the certification back to a UL standard

(5) Non-UL certified equipment will not be accepted

E. Application submittal:

(1) Applications will be accepted in hardcopy or electronic format.

(2) Hard copy applications will only be accepted via mail delivery to the address on the Interconnection Agreement.

(3) Electronic-copy applications shall be submitted in a single file, presented in PDF format.

(a) JPEG, IMG or other file formats will not be accepted.

(b) Unless the file size exceeds email limitations, multiple files will not be accepted.

(c) The PDF file will be submitted in a single-email.

(e) Electronic-copy applications shall be emailed to: roland.maliwat@kcpl.com.

F. Pre-approval notification:

(1) Pre-approval of your project will be provided by email after Company review.

(2) Pre-approval of projects prior to installation is preferred, but is not required.

(a) Projects installed prior to pre-approval may be subject to rework to bring the systems into compliance with this tariff.

(b) Rework resulting from early installation will be the responsibility of the Customer-Generator.

(3) The Company will notify the vendor of any issues regarding their application

G. Project completion notification and request for inspection:

(1) Notification of project completion will be in the form of email to: roland.maliwat@kcpl.com.

(2) The notification will reference the following:

(a) Name of Applicant (customer)

(b) Address of installation

(c) Type of project (PV, wind, etc.)

H. Solar rebate payment:

(1) The solar rebate payment is processed at the time of the meter exchange request.

(2) The solar rebate check will be mailed to the applicant (account holder) of the PV system.

(a) Solar rebate checks will be issued in the name of the applicant.

I. Permission-to-Operate

(1) A request for a "Permission-to-Operate" letter should be requested at this time. The form will be provided after the net metering exchange has been completed.

J. Meter exchange

(1) A meter exchange is requested immediately after a project inspection is approved. A meter exchange may take several days after the request is entered.

## B. DESIGN STANDARDS

All Customer-Generator installations such as photovoltaic (PV), wind, or other system shall adhere to UL 1741, IEEE 1547, and any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, IFC, and Company's Electric Service Rules as set forth in published tariffs.

1. Customer-Generator system must be capable of automatically disconnecting from the company system. During an outage on the utility system, an interconnected PV, wind, or other system can back-feed a Company utility line, creating a hazardous condition. To prevent this, Customer-Generator system must either automatically disconnect from or cease to energize the appropriate Company electric lines when a loss of the utility company's supply occurs. Customer-Generator system must be installed in accordance with current IEEE standards and be UL-listed.

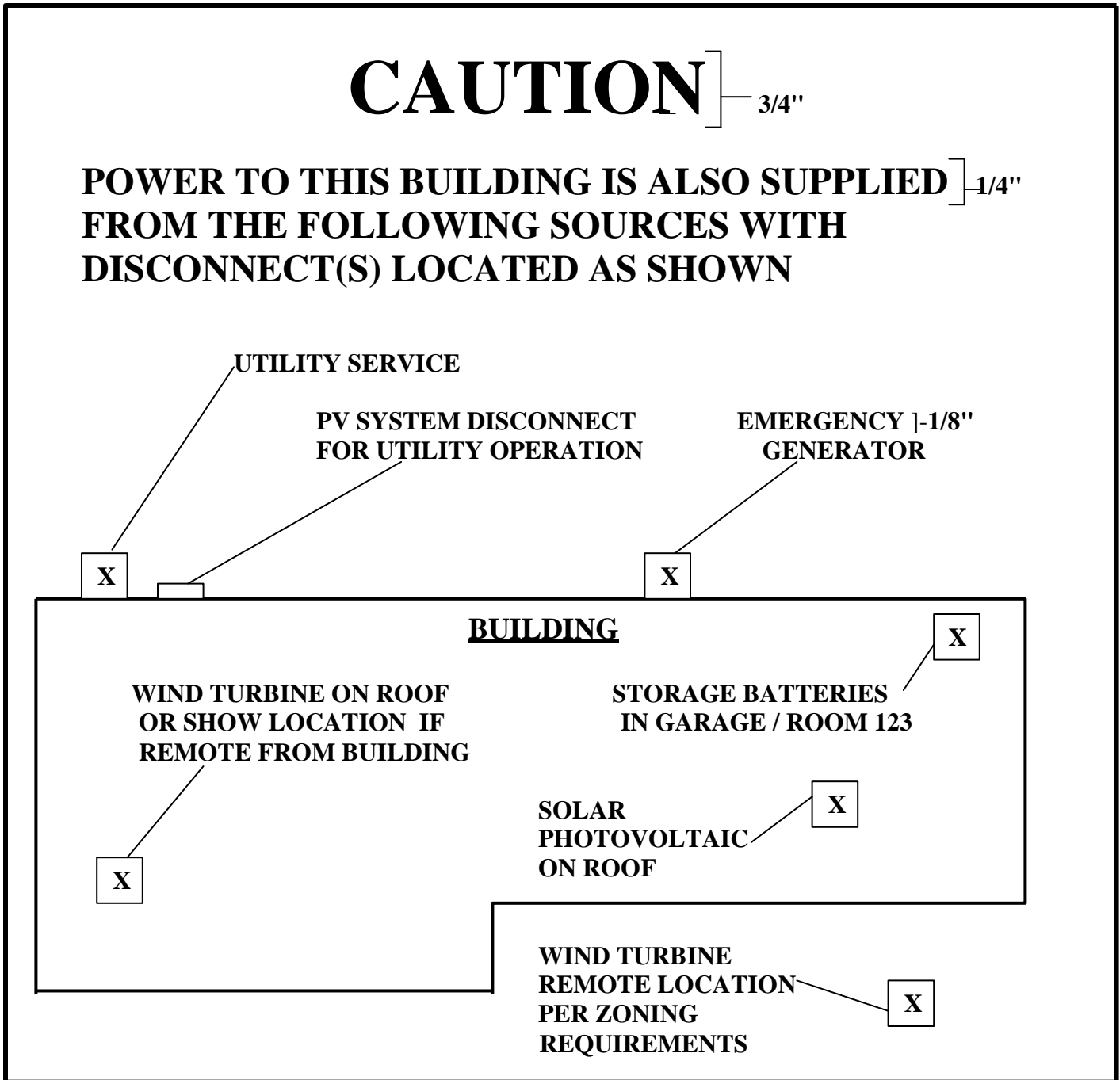
2. The Customer shall provide an accessible manual disconnect switch which shall be under the exclusive control of the Company. The Company uses the term accessible to mean that Field and Service Employees do not have to gain access to a structure in order to inspect or operate a device or piece of equipment. This manual switch must have the capability to be locked out by Company personnel to isolate the Company's facilities in the event of an electrical outage on the Company's transmission and distribution facilities serving the Customer. The Company shall give notice to the Customer before a manual switch is locked or an isolating device used, if possible and otherwise shall give notice as soon as practicable after locking or isolating the Customer's facilities.

The disconnect switch should be mounted within sight of the meter but in no case greater than 10' from the meter. If it is not practical to locate the disconnect switch within 10' of the meter, the customer should contact Company for approval to mount the disconnect switch at a mutually agreeable location. Consideration of other locations will be based on public safety, access and the ability of Utility and Public Safety Personnel to disconnect the generating equipment. In this case the customer is required to place a permanent sign (preferable engraved on hard plastic and screwed in place). This sign should be mounted on or near the meter enclosure where easily visible. Any disconnect located more than 10' from the meter must be wired in series between the inverters and the meter.

### C. GENERAL REQUIREMENTS

1. Customer-Generator system shall be installed according to the manufacturer's instructions.
2. Customer-Generator is responsible for protecting their generator's equipment in such a manner that faults or other disturbances on the Company's system or on Customer-Generator's system do not cause damage to their equipment.
3. Customer-Generator shall label all generating equipment per NEC code. See attached exhibits for site directory and label guidelines. For sites with more than one net metered service, the equipment for each service shall be labeled "System 1," "System 2," etc. The site directory shall identify all generating systems on the premise.

THIS IS A SAMPLE OF THE PLAQUE OR DIRECTORY REQUIRED WHEN THERE IS ANY ALTERNATE SOURCE OF POWER CONNECTED TO THE PREMISES WIRING SYSTEM. THE EXAMPLE BELOW SPECIFIES PHOTOVOLTAIC OR WIND GENERATION. MODIFY AS REQUIRED TO DEPICT THE GENERATING FACILITY(S) TO BE INSTALLED.



**PLAQUE SPECIFICATIONS**

THE PLAQUE OR DIRECTORY SHALL BE METAL OR PLASTIC, WITH ENGRAVED OR MACHINE PRINTED LETTERS, OR ELECTRO-PHOTO PLATING, IN A CONTRASTING COLOR TO THE PLAQUE. PLAQUE SHALL BE ATTACHED TO THE SERVICE EQUIPMENT WITH POP-RIVETS, SCREWS.

## **PLAQUE FOR UTILITY AC DISCONNECT**

**THIS IS A SAMPLE OF THE PLAQUE TO BE INSTALLED ON THE FACE OF THE UTILITY AC DISCONNECT. IF MULTIPLE UTILITY DISCONNECTS ARE INSTALLED, EACH DISCONNECT SHALL HAVE ITS OWN PLAQUE ATTACHED.**



### **PLAQUE SPECIFICATIONS**

**THE PLAQUE SHALL BE METAL OR PLASTIC, WITH ENGRAVED OR MACHINE PRINTED LETTERS, OR ELECTRO-PHOTO PLATING, IN A CONTRASTING COLOR TO THE PLAQUE. PLAQUE SHALL BE ATTACHED TO THE "UTILITY AC DISCONNECT" WITH POP-RIVETS, SCREWS.**