

# **Mason County PUD No. 3 Metering Specifications**

## **Location of meters**

The consumer shall provide suitable space at convenient locations approved by PUD 3 for its meters and other equipment that is kept on the consumer's premises.

Meters shall be installed on the outside of buildings, except that in the case of rural service, they may be installed on meter poles. Exceptions to this practice must be approved by PUD 3.

Meters shall not be installed in places difficult to access such as cabinets, over open pits, moving machinery, hatchways, or in the path of water from eaves or rain spouts, or subject to steam or corrosive vapors. PUD 3 shall determine what is accessible and what is not. It shall be the responsibility of the consumer to maintain a clear space of at least thirty (30) inches in front of the meter.

Meters shall be installed at a height of five (5) to seven (7) feet above the ground or platform unless otherwise specified by the PUD 3. In cases where unusual conditions exist, PUD 3 shall be consulted prior to installation.

## **Installation and Removal of Meters**

Only authorized PUD 3 personnel shall be allowed to install or remove meters.

The consumer shall be responsible for the property of PUD 3 on his/her premises and shall permit no unauthorized person to tamper with it. Consumers whose meters and/or meter seals have been tampered with to do electrical work (including work by a licensed electrician other than a PUD 3 electrician), as an attempt to connect power, divert power, or to reconnect themselves after a disconnection for non-payment, shall be charged a meter tampering fee of \$360 plus actual cost.

## **Service Limitations**

When a consumer's meter is judged by PUD 3 to be in a hazardous and/or inaccessible location, the consumer shall, within thirty (30) calendar days after receipt of written notice by from the PUD, transfer said meter base to an acceptable location. Failure to comply will result in termination of service.

## **Single phase 120 volt**

PUD 3 will not allow any single phase 120 volt meter base. All single phase meter bases must be wired for 240 volts or 208 volts.

## **Single phase services, 200 amps or less**

All single phase services with loads up to and including 200 amps will be metered with a self-contained 4-terminal meter socket.

All sockets for self-contained residential metering, rated 200 amps or less, shall not have bypass devices. All non-residential self-contained metering, rated 200 amps or less, shall have a manual block bypass device.

### **Single phase services, 201 to 400 amps**

All single phase services with loads from 201 amps to 400 amps will be metered with a self contained 4-terminal meter socket rated for 320 amps.

All sockets for self-contained metering, residential or non-residential, rated 320 amps, shall have a link-type manual bypass device (lever bypass is no longer acceptable).

### **Single phase services 120/208 volt, 200 amps or less (Network meter)**

A 5-terminal meter socket shall be installed where the fifth terminal is in the nine o'clock position.

### **Single phase services, in excess of 400 amps**

All single phase services rated at 401 amps and above will be metered using current transformers.

Where current transformers are required:

- A. The customer will obtain CTs from Mason County PUD No. 3 and install them in an adequately sized, EXTERNALLY located cabinet with a hinged lid and provisions for a PUD 3 seal. The cabinet will be a minimum of 30" X 36" X 11".
- B. PUD 3 will provide and install the meter base, conduit and wire to the CTs.
- C. The customer will provide space for the meter base within five feet of the CT cabinet at a location acceptable to PUD 3.

### **Three phase services, 200 amps or less**

A 7-terminal meter base with a manual block bypass shall be installed where the service conductor does not exceed 200 amps, as specified in the NEC.

### **Three phase services, in excess of 200 amps**

All three phase services rated at 201 amps and above will be metered using current transformers.

Where current transformers are required:

- A. The customer will obtain CTs from Mason County PUD No. 3 and install them in an adequately sized, EXTERNALLY located cabinet with a hinged lid and provisions for a PUD 3 seal. The cabinet will be a minimum of 30" X 36" X 11".
- B. PUD 3 will provide and install the meter base, conduit and wire to the CTs.
- C. The customer will provide space for the meter base within five feet of the CT cabinet at a location acceptable to PUD 3.