



Fergus Falls, Minnesota

METERING AND BILLING

Section 4.01 METER AND SERVICE INSTALLATIONS

The Company will furnish, install and maintain the metering equipment for each Account and rate schedule under which a metered service is supplied.

Unless otherwise specified in applicable codes, inspections of the Company wiring in the Meter socket and current transformer cabinet (CT cabinet) are the responsibility of the Company. The Customer is responsible for inspection of the Customer's wiring to ensure compliance with National Electric Code requirements. Once inspections are completed and the wiring approved by the Company, the Meter socket and CT cabinets will be secured with Company seals.

The Company reserves the right to require that, prior to connection of electric service, a Customer provides an affidavit or wiring certificate that the Customer's wiring has been inspected and is in compliance with all applicable codes and other requirements. The Company will connect electrical service to a previously served location without the requirement of an affidavit or wiring certificate if all of the following four conditions are met: 1) if discontinuation was made within the past two years, 2) as long as there is no change in the wiring, including the service drop, 3) if the wiring was acceptable at the time service was discontinued, and 4) if the service has not been moved.

The Company will not connect electric service to a location not previously served until all necessary permits from the proper authorities are obtained by the Customer. Service may be denied to any Customer for failure to comply with the applicable requirements of these General Rules and Regulations, or with other service requirements of the Company contained in an agreement with the Customer for the services, or on file with any regulatory body having jurisdiction.



METER INSTALLATION REQUIREMENTS:

Customer-furnished Self-Contained Meter sockets: Service entrance sizes up to and including 400 amps Single-phase and Three-phase will be metered by the use of Self-Contained Meters. Meter sockets for Self-Contained Metering shall be furnished, installed, and wired by the Customer or the Customer's electrical contractor. The Meter socket shall be mounted outdoors in a location readily accessible to Company personnel. The Company will install and wire a load management receiver, if applicable, and the Customer or the Customer's contractor will make the remaining connections in the Meter socket. The Company will make the connections to the Customer's conductors at the top of the mast for overhead service, and at the Company source for underground service.

N
N

Company-furnished CT Metering: If the service entrance requirements exceed 400 amp Single-phase or Three-phase, the Company will furnish the pre-wired metering, including current transformers, and other equipment necessary to Meter the service. The Customer's contractor will install the equipment. These Meter sockets will be mounted next to the Customer-provided CT cabinet on a building, pole, or pedestal. However, in all cases, permission to use and the determination of transformer rated metering location must be approved by the Company.

Customer-furnished CT cabinets: Cabinets used outside any building wall for current transformers (CTs) or required as a junction point between the Company's service lateral and the Customer's service entrance conductor shall be furnished by the Customer or the Customer's electrical contractor. Unless otherwise provided in the Customer's service agreement with the Company, the cabinets will serve as the point of common connection between Company-owned facilities and the Customer. Conduit and any additional material required for attachment shall be furnished by the Customer. The Company will make the service connections at the Company side of the CTs and install the wiring between the CTs and the Meter. The Customer or contractor will install all remaining equipment, including CTs furnished by the Company.

METER SOCKET REQUIREMENTS:

All Meter sockets must be approved and properly labeled by a nationally-recognized testing lab such as Underwriters Laboratories (UL).



Fergus Falls, Minnesota

South Dakota P.U.C. Volume II
General Rules and Regulations – Section 4.01
ELECTRIC RATE SCHEDULE
Meter and Service Installations

Third Revised Sheet No. 3 Cancelling Second Revised Sheet No. 3

Profiles and Rating: The Customer must furnish a Meter socket equipped with lever-style bypass rated at 200 amps or larger for self-contained services. In order to allow for proper conductor bending, crossover clearance, and additional slack in the incoming service wires within the socket, the dimensions for the socket must be a minimum of 11 inches wide for Single-phase service and 13 inches wide for Three-phase service. For services where conductors will be installed below ground, conduit of adequate size must be attached to the Meter socket and extend a minimum of 12 inches below grade level. Due to limited space for conductors, round Meter sockets will no longer be permitted on new installations or as replacements on existing installations. The Company reserves the right to require that a round socket be replaced at Customer's expense before any work shall be done by the Company.

LT
LT
L
L
L
L
L
L

CURRENT TRANSFORMER CABINET REQUIREMENTS:

The Customer or the Customer's electrical contractor will size and furnish the cabinet to be used as a point of common connection between the Company's service and the Customer's service point. The cabinet will be mounted outdoors in a location readily accessible to Company personnel. The Customer will provide any materials required for installation. The Contractor shall contact Company personnel to discuss details prior to ordering a current transformer cabinet.

Minimum specifications:

Cabinet must be UL (or other nationally-recognized testing lab) approved and meet all applicable codes and ratings for its intended use
Cabinet must be complete with landing pads for cable terminations and for mounting of bar-type current transformers
Cabinet must be equipped with a hinged door, and with provisions for locking and sealing with Meter seals
Minimum depth of the cabinet must be 10 inches

The overall dimensions will vary with the required ampacity rating as stipulated in the National Electric Code.