

MULTI - METERING

Notes:

1. GENERAL METER REQUIREMENT: There is a lot of multiple metering equipment available. Because of this, the Company only requires the following minimum standards:

- a. Four jaw for single phase 120/240.
- b. Rated at Least 100 amp each socket.
- c. Ringless.
- d. Sealable.
- e. Has at least Horn Bypasses. Manual bypass lever not required except if three phase.
- f. UL approved.
- g. No covers over the meters.
- h. Termination area for utility conductors meets requirements of page 3-5.

Note the clearances on page 5-5 of the WEB version of the manual for large installations.

2. ALL METERING SHALL BE OUTSIDE.

3. DUPLEXES: The Company can only run one service to a duplex. This is required by NEC 230.2(A). This is required even though the garages may be between the dwelling parts of the duplex. If consideration is given to declaring a duplex as two separate buildings, there has to be a substantial fire wall through the roof between the duplexes. In Wisconsin, COMM 16.100(2)(a) states this has to be a three-hour fire wall, which is a substantial masonry wall. In Michigan, consult electrical inspector on this definition.

NEC 210.25 (and WI PSC 113.0802 or 113.0803) requires a third meter for common areas (well pumps etc.) on duplexes. Effective with 1996 NEC (not enforced in Wisconsin until 2000/2001). COMM 16.210(5) makes an exception to this rule for upgrades on existing duplexes.

4. LARGE INSTALLATIONS: Large multiple metering installations should follow the requirements on page 5-5 of the WEB version of the manual.

5. LABELING: It is critical to label each meter socket with a permanent marking system, both inside and outside the meter socket. NEC 110.22.

6. PEDESTALS: The Company prefers (not required) pedestals for single phase underground metering because of frost heave problems. There are limited sources of duplex pedestals.

Milbank U1783-0-KK
Durham SEUAP2317-PPWI

7. GROUPING: Michigan law requires the disconnects to be grouped.

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