

GROUNDING

The three methods of grounding approved by TEPA are: service entrance switch ground, meter base ground, and at the weatherhead.

Grounding conductors shall be sized according to Table 1. (Residential Single Phase Service Conductor Types and Sizes).

The ground rod shall be in one piece of 1/2 inch or larger nonferrous or 5/8 inch galvanized ferrous metal rod not less than eight (8) feet long with approved clamp.

All water systems with ten (10) feet or more of metal pipe buried should be bonded to the driven ground.

PROTECTIVE EQUIPMENT

An approved safety type service entrance switch with fuse receptacle or circuit breaker assembly shall be provided in all services. This switch shall be enclosed in a metal case and of the deadfront type.

Before installing 3 phase equipment or CT Metering, TEPA shall be contacted as to whether it is available and economically feasible.