



Home Service Connection

East Central Oklahoma Electric Cooperative

Paraphrased from the code:

PERMANENT UNDERGROUND SERVICE (CONSUMER OWNED)

ARTICLE NO. 230-90 SERVICE EQUIPMENT OVERCURRENT PROTECTION

WHERE REQUIRED: Each customer owned ungrounded service conductor shall have overload protection.

Service-entrance conductors, overhead or underground are the supply conductors between the service entrance main in the building and the service equipment over-current protection below the meter. Service equipment is intended to constitute the main control and means of cutoff of the electrical supply to the premises wiring system. At this point an over-current device usually a circuit breaker or a fuse is required to be installed in series with each ungrounded service conductor to provide overload protection only.

Additional circuits extended to remote locations, such as outbuildings, wells, etc. shall originate from a separate fuse or breaker at either the main line switch below the meter or the distribution panel in the home. It is suggested and less expensive to add breakers in one box than adding a separate disconnect box for each new service.

NOTE: A ground rod (provided by the member) shall be installed at the electrical entrance on the house. If omitted the over-current protection device below the meter becomes the service entrance and TWO ground wires and split ground bus are required at the main in the house.

Revised 7-6-07

SEE REVERSE SIDE FOR SKETCH

