

Applicability of SLEMCO's Residential Service Entrance Requirements

It shall be the customer's responsibility for compliance with the National Electrical Code (*NEC*) and any Governing Authority for all equipment beyond the point of connection. The customer is advised to use the service of a qualified electrician to assure compliance with all codes and regulations.

1. Applicable to services receiving single-phase power at 120/240 volts.
2. The service entrance must be located on the outside wall of the structure, making the meter accessible at all times, enabling SLEMCO to make the necessary service connections without having the service wires crossing over any large portion of the roof. The inside walls of an open carport area are not considered as outside walls of the structure. When a meter pole is used the service entrance must be located on the meter pole with the possible exception of CT metering.
3. Customers requiring a 200 Amp service shall use a self-contained meter base. In the event the customer requires larger than a 200 Amp service, this will require a current transformer (*CT*) metering installation.
4. Anytime a service entrance is changed due to inadequacy, the new service entrance must meet SLEMCO's Residential Service Requirements.
5. Houses moved from one location to another, where no changes are made in the wiring system, will be connected, providing the service entrance conductors are in accordance with the table *Conductor Sizes for Service Entrances* on the next page (3). Houses moved into an area that is governed by a Governing Authority must also meet the requirements set by that Authority.
6. Where a customer asks that the service be disconnected in order to make repairs to the house, new specifications do not apply. New specifications apply any time the meter location is changed.
7. Where a meter pole is used, the main disconnect shall be sized according to the load, as required by the *NEC* or Governing Authority. The service entrance conductors shall be in accordance with the table *Conductor Sizes for Service Entrances* on the next page (3).
8. The following specifications specifically covers small water pumps, cane derricks for lights only, small chicken houses, barns, yard lights and any other connections out or the realm of Residential or Commercial.

Required Minimum:

Number 6 (#6) copper in conduit or copper service entrance cable from the service head to the meter base and from the meter base to the main disconnect (*service panel*). The main disconnect must be sized in accordance with the *NEC*.

Exception:

For Highway Department traffic control and signal lights consisting of no more than two, two wire branch circuits, the entrance may be reduced from #6 to #8 with no reduced neutral.