

**CHEROKEE COUNTY ELECTRIC COOPERATIVE
ASSOCIATION
1-800-992-4280**

Meter Loop Specifications

Wire Size per Switch/Breaker Box

The size of conductor is determined by switch box or breaker box size. Reduced neutral will not be allowed. The consumer shall have a main disconnect. (NEC RULE 230-71)

Size of Loop	Single Phase Residential	All Others
30 amp (stock water well only)	#6	#4
60 amp	#6	#4
70 amp	#6	#2
100 amp	#4	#2
125 amp	#2	#1
150 amp	#1	#1/0
175 amp	#1/0	#2/0
200 amp	#2/0	#3/0

Wire sizing is per NEC RULE 310-13

**Conduit Size for "Above the Roof-Line" on a House
Must be Rigid Metal Conduit.**

Distance of Service	Conduit Size
100' or less	2"
Over 100'	2 1/2"

Conduit Size for All Other Overhead Applications

Conduit must be HMT or Rigid.

Meter Base Amperage	Conduit Size
50 amp	1"
100-150 amp	1 1/4"
200 amp	2"

- 1. The consumer's responsibility begins at the service entrance weatherhead on overhead applications. Contact CCECA's engineering department for details.
- 2. The consumer's responsibility begins at the service entrance elbow on underground applications. Contact CCECA's engineering department for details.
- 3. Upon notification of a completed and approved meter loop, the Cooperative will connect service and install a meter.
- Meter pole size where applicable, will be determined by a Cooperative Representative.
- Mobile homes must use a permanently installed meter pole located not more than 30 feet from the mobile home that it serves. (NEC RULE 550-23A)
- No consumer owned items are to be installed on cooperative owned equipment.
- No meter pole will have more than two meter loops.