



A Touchstone Energy® Cooperative

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METER LOOP

Be sure all items shown below are on the meter pole **before** contacting the office for connection of electric service.

- Correct meter base
- Conduit extended to 3' below top of pole: Refer to table
 - On 100-AMP service: 1 ¼" EMT conduit
 - On 200-AMP service: 2" EMT conduit
- Weatherhead
- Correct copper wire size must be used between the weatherhead and the line side of the meter base and from the load side of the meter base to the main disconnect:
 - 100-AMP service: #2 copper or 2/0 aluminum on both line and neutral
 - 200-AMP service: 2/0 copper or 4/0 aluminum on both line and neutral
- Main disconnect no larger than rating on meter base
- Ground in compliance with Pipe & Rod and Meter Can Bonding specs
- Neutral wire marked
- Meter loop must be faced in a direction that will allow easy access

Pole Height	Conduit Length
30'	17'
35'	21.5'
40'	26'

NOTES:

1. New construction not receiving a meter 10 days after construction is complete will be billed the minimum charge based on the applicable rate schedule.
2. If a request is made to connect service and the meter loop fails to meet above requirements, Tri-County Electric Cooperative will bill the account an applicable trip charge.
3. Meter sockets must conform to specifications furnished by Tri-County Electric Cooperative.
4. Member installation must comply with National Electric Code and applicable city ordinance.
5. Plastic (PVC) conduit and clamps will not be accepted for use between the meter base and weatherhead.
6. Proper copper wire size must be used in the meter loop from the weatherhead through to the main disconnect.
7. A #6 copper bond wire must be installed between the breaker box and meter base. An external breaker below or beside the meter base is required if the distance between meter base and panel exceeds 3 feet. Refer to [Meter Can Bonding spec](#)

