



# Notice: Revised Pedernales Electric Cooperative Specifications

## September 15, 2023

### Residential & Commercial 100-200-Amp Meter Loop Specifications Residential & Commercial 320-Amp Meter Loop Specifications

#### Revisions to Both Specifications

- Page 1
  - Note 5: Added *Splicing is not permitted within meter sockets.*
  - Note 6: Added *Never install member-owned poles and/or PEC poles under overhead electric lines.*
  - Note 7: Extensively revised to account for more clearances; referred to by multiple drawings.
- Page 2
  - Note 8: Revised to read *Neutral conductor size shall meet or exceed National Electrical Code or local ordinance requirements **instead of** Neutral shall be of equal size or a minimum of one standard size smaller than the phase conductor(s). Some applications may require a full neutral per NEC or local ordinance.*
- Page 3
  - *Installation of Wire*: Removed double-barrel lugs requirement.
- Page 7 (100–200-amp specifications) & Page 9 (320-amp specifications)
  - Note 5: Added *NEVER install member-owned poles under overhead electric lines.*
  - Added standalone *WEATHER-TIGHT CONNECTOR* notation and removed redundant reference from raceway notation.
  - Added *MIN. 10' CLEARANCE TO DRIP LOOP* notation.
- Page 11 (100–200-amp specifications) & Page 8 (320-amp specifications)
  - Changed rack pole height from 4' to 4' *minimum*.
- Multiple pages:
  - Removed all grounding bushings references, notations, and specifications.
  - Removed galvanized pipe as a material option for service raceways, racks, and nipples.
  - Set centerline meter height at 4' minimum to 6' maximum, with the exception of racks.
  - Set centerline meter height on underground racks at 3' minimum to 5' maximum.
  - Replaced attachment clearance notations with references to Page 1, Note 7.
    - 100–200-amp specifications: Pages 5, 6, 7, 8, & 9.
    - 320-amp specifications: Pages 9, 11, 12, & 13.
  - Added 2" diameter to notation for nipples connecting panels and meter sockets.

**Note:** The summaries listed here and in previous notices primarily include revisions considered technically significant to these specifications. Edits considered technically insignificant may not be listed.

## Revisions to 100-200-Amp Meter Loop Specifications Only

- Page 1
  - Note 5: Removed *There will be no more than two loops on any one pole.* (Note remains on Page 7.)
- Page 2
  - Removed *Wiring Guidelines* chart. Matches previous deletion from 320-amp specifications.
  - Note 9: Added: *A 200-amp meter loop is rated for breaker(s) less than or equal to 225 amps.*
  - Note 13: Added *For commercial/industrial/multi-family residential underground services where the meter or a bank of meters is to be located on the building or adjacent to the load, the service (cable, conduit, and trench) from the transformer to the load will be provided by the member/developer.*
- Page 3
  - *Wire Size*: Replaced reference to deleted *Wiring Guidelines* chart with *Wire shall be sized in accordance with NEC guidelines and local requirements.*
  - *Pipe Nipple Connections*: Added *Schedule 40 PVC only allowed if ground wire is installed continuously between the panel(s) and the meter socket as shown on Page 11.* Matches previously published edit to 320-amp specifications.
  - *Meter Sockets and Pedestals*: New section.
- Page 4:
  - Added *MIN. 10' CLEARANCE TO DRIP LOOP* notation.
  - Added grounding and bonding detail.
- Page 7:
  - Added 18" dimension between eyebolt and top of weatherhead.
- Page 11:
  - Added grounding and bonding detail.
  - Removed *rigid* from nipple notation. Other nipple materials are allowed — see *Installation Notes* (Page 3).
- Multiple Pages:
  - Added notational reference to grounding and bonding detail on Page 11.
  - Added *as per NEC* to ground wire notations.
  - Added 2" service raceway diameter notation.

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