

Natchez Trace Electric Power Association

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NOTE:

- 1) POLE SHALL BE TREATED WITH A MINIMUM LENGTH OF 18'-0" AND 6X6 IF SQUARE OR IT SHOULD HAVE A MINIMUM DIAMETER OF 6" IF ROUND.
- 2) TALLER POLES MAY BE REQUIRED FOR CLEARANCE.
- 3) DON'T EXTEND WEATHER HEAD ABOVE THE POLE.
- 4) IF USING AN OLD POLE, THE POLE MUST BE PHYSICALLY SOUND AND RETREATED.
- 5) GROUND ROD SHALL BE A MINIMUM OF 8' IN LENGTH AND 6" BELOW THE GROUND LINE. GROUND WIRE SHALL RUN CONTINUOUS FROM DISCONNECT TO GROUND ROD.
- 6) DISCONNECT SHALL BE FUSED OR BREAKER TYPE AND SHALL BE SAME AMP SIZE AS THE MAIN PANEL.
- 7) DISCONNECT MUST BE MOUNTED AT A MINIMUM HEIGHT OF 2' FROM FINISHED GRADE.
- 8) ENTRANCE WIRES SHALL BE SIZED FROM TABLE BELOW. ALSO SEE THE NATIONAL ELECTRIC CODE.
- 9) ALL ELECTRICAL EQUIPMENT ATTACHED TO POLE SHALL BE RAIN TIGHT AND FREE FROM PHYSICAL, STRUCTURAL, OR ELECTRICAL HAZARDS.
- 10) ALL CIRCUIT WIRES OUTSIDE THE DWELLING SHALL BE IN CONDUIT.
- 11) ALL HOLES IN METER BASE AND DISCONNECT SHALL BE SEALED.
- 12) THE DEAD-FRONT COVER SHALL BE IN PLACE ON THE DISCONNECT.
- 13) IF USING POLE AS A TEMPORARY POLE SEE THESE REQUIREMENTS:
 - A: USE WEATHERPROOF RECEPTACLE BOXES AND COVERS WITH OUTDOOR TYPE GROUND FAULT RECEPTACLES OR A GROUND FAULT BREAKER.
 - B: USE A MINIMUM OF AT LEAST 30 AMPS.
 - C: DISCONNECT SHOULD BE SIZED TO ACCOMMODATE THE TEMPORARY.
- 14) FOR OVERHEAD FOOTAGE REQUIREMENTS USE THE NTEPA POLICY GUIDELINES.
- 15) NEUTRAL CONDUCTORS AND GROUND BAR SHALL BE ISOLATED INSIDE THE DISTRIBUTION PANEL INSIDE THE TRAILER.
- 16) FOURTH GREEN WIRE SHALL RUN FROM THE GROUND BAR INSIDE OF TRAILER TO THE GROUND BAR OF THE DISCONNECT.
- 17) NEUTRAL CONDUCTORS AND GROUND BAR INSIDE THE DISCONNECT SHALL BE BONDED.
- 18) POLE MUST PASS NTEPA INSPECTION BEFORE METER IS SET; RE-INSPECTION FEES MAY BE REQUIRED.
- 19) POLE MUST BE SET WITHIN 30 FEET OF TRAILER.
- 20) FLEXIBLE CONDUIT IS NOT ALLOWED.

RESIDENTIAL WIRING SIZE

METERBASE AMP SIZE	CONDUIT SIZE	COPPER INSULATED (per Nec)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE	EQUIPMENT GROUND WIRE SIZE FOURTH WIRE
60 AMP	1"	# 6	# 8	# 6 B.C.	# 6 GREEN COATED
100 AMP	1"	# 4	# 6	# 6 B.C.	# 6 GREEN COATED
150 AMP	1.25"	# 1/0	# 2	# 6 B.C.	# 6 GREEN COATED
200 AMP	1.50" - 2"	# 2/0	# 1/0	# 4 B.C.	# 6 GREEN COATED

COMMERCIAL WIRING SIZE

METERBASE AMP SIZE	CONDUIT SIZE	COPPER INSULATED (per Nec)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE	EQUIPMENT GROUND WIRE SIZE FOURTH WIRE
100 AMP	1"	# 2	# 4	# 6 B.C.	# 6 GREEN COATED
200 AMP	1.50" - 2"	# 3/0	# 1/0	# 4 B.C.	# 6 GREEN COATED

