

Duck River Electric Membership Corporation

Temporary Service from Pad Mount Transformer

Notes:

1. DREMC Engineer must spot location for temporary service.
2. Call Tennessee One Call 1-800-351-1111 before you dig. Member must hand dig within 5' of marked conductors.
3. Securely fasten service equipment and meter base to a 4x4 post set in the ground a minimum depth of 3'.
4. Service entrance raceway of 1 1/4" SCH 80 conduit will extend from meter base to 24" below grade. Conduit to enter meter base below live parts.
5. Temporary service post shall be placed behind the transformer on the right hand side, no less than 6' away unless permitted by a DREMC authorized employee.
6. Stop trench 1' from DREMC pad and leave excess wire coiled in open part of trench. Cover all but last foot of trench following inspection by state inspector. DREMC to dig and install wire for remaining distance.
7. Service entrance conductors shall be provided by the member. Conductor shall also be rated for direct burial and in compliance with the National Electrical Code. Conductors shall be long enough to reach DREMC low side terminals without splicing. Connections at the transformer cabinet will be made by DREMC.
8. Center of meter base will be located approximately 5'-6" above grade.
9. All weatherproof, UL listed, temporary service panel will be located on the same structure as the meter base. In no case will the panel be less than 2' above grade.
10. A minimum No. 4 copper wire shall be run unspliced from the meter base to a 8' driven ground rod. Bond the ground wire with a clamp suitable for direct soil burial below grade.
11. Temporary service must be in compliance with the provisions of this sketch or the National Electrical Code, whichever proves more stringent. All wiring must be approved by the state inspector.

