

SEQUACHEE VALLEY ELECTRIC COOPERATIVE WIRING DIAGRAM FOR TEMPORARY SERVICE

Electric service may be provided to a temporary service center where SVEC distribution facilities are available and adequate, and when the applicant has installed the required service center equipment as indicated below:

1. SVEC must spot location of service center pole and guy.
2. Applicant must complete application and contracts as required, and pay applicable service charge and deposit, as specified by SVEC policy.
3. Service center must be inspection by Deputy Electrical Inspector, State of Tennessee. Payment for permits can be in the form of cash, check, or money order made payable to SVEC
4. Applicant must obtain a building permit, if applicable.
5. Applicant must clear right-of-way to SVEC specifications.
6. Service center must be built to SVEC and NED specifications.
7. Service center must be mounted on a substantial structure tall enough to provide a service drop. Clearances are required by the NEC:
 - a. Yard 12' from conductors to finished ground
 - b. Residential drive 15' from conductors to finished ground
 - c. Public road 18" from conductors to finished ground

If set a minimum depth of four feet and properly guyed or braced with 2" x 4" timbers, a treated 4" x 4" post may be used for the mounting structure. The Deputy Electrical Inspector will insure that the bracing is adequate during the inspection of the service center.

8. Neutral bar shall be bonded to service equipment box with approved screw or strap.
9. If aluminum conductors are used, SVEC required that aluminum inhibitor must be applied to all terminations.
10. Riser conduit shall consist of rigid, IIMC, EMT or PVC conduit. If a metal weatherhead is used with PVC conduit, metal weatherhead shall be bonded to the grounding system.
11. Any temporary service center that has 15 and/or 20 ampere, 125 volt receptacle outlets must have ground fault circuit interrupters on all such outlets. These CRCI's must be operating properly at the time electrical service is connected.
12. SVEC will furnish the 50 amp meter base at no charge. Meter bases rated at greater than 50 amp must be paid for by the applicant.
13. All 220 receptacles shall be 4 wire GFCI protected on new temporary meter loops. On existing temporary meter loops, 3 wire is acceptable, if it is protected by a 220 GFCI to match the 220 receptacle.