

UNDERGROUND TEMPORARY SERVICE POLE

5.51 GENERAL

Service poles are installed, owned and maintained by the customer. Service pole shall be installed at and clearly marked with the address associated with the meter to be installed. The pole shall be treated 4"x 4" wood not less than 10 feet long. It shall be set a minimum of 3 feet deep, solidly tamped. Pole will be set at least 3 feet, but not over 6 feet, from OPPD's secondary pedestal for residential construction service. If no secondary pedestal is available, the pole may be set adjacent to the secondary side of a padmounted transformer. Poles shall not be set in the expected path of service cable to houses. For General Service temporary service pole location, consult with OPPD for a suitable source of temporary power. The service pole shall not be located over OPPD's underground cables, but instead should be off to the side to avoid dig-ins. The customer should contact the "Digger's Hotline of Nebraska," as mentioned in Section 1.14.

A lever bypass is not required on meter sockets used for a temporary service. A temporary service is defined as a service that will be in place for 2 years or less and is typically used for temporary power for construction purposes.

5.52 SERVICE ENTRANCE CONDUCTORS AND CONDUIT

Service entrance and conductors will be installed and maintained by the customer. Service conduit and conductors will enter the meter socket from the bottom, and be connected to the line side by OPPD. As the pole is taken out of service and relocated to all subsequent construction sites, service entrance conductors and conduit move with and remain attached to each pole.

5.53 WIRING

The meter socket will be installed by the customer 5 feet above the ground line. The customer's rain-tight service disconnect and service equipment will be mounted above the meter socket and wired to the load side of the meter socket. The pole, socket, and equipment will be grounded per NEC requirements.

5.54 CAPACITY

The maximum capacity of an underground temporary construction service, as covered by OPPD's Rate Schedule 470, is limited to that which meets NEC for a 1" conduit. Single phase temporary services greater than that and all multi-phase temporary service requests will be provided for, by OPPD, on an individual basis, based on existing OPPD Line Extension Policy guidelines. Contact the appropriate Electrical Service Designer to coordinate service.

5.55 SERVICE POLE INSTALLATION

See drawing 5.55.

OPPD furnishes, installs and maintains: ○

1. Socket-type meter

Customer furnishes, installs and maintains: △

2. Service cable and flex conduit adapted to include a 2-4" long 1" nipple with locknut and metal bushing at connection to pedestal and conductors extending a minimum of 36" beyond nipple.
3. Meter socket.
4. Ground rod per current "National Electrical Code". Extend above ground line.
5. Continuous copper ground wire to be not less than a number 6 AWG. Fasten securely to pole with staples.
6. Customer service equipment fed by 3- #10 copper wire minimum. All load must be protected by fuse or breaker, and GFCI-protected where required by local authority.

Note: For any services larger than 1" flex conduit contact the appropriate Electrical Service Designer to coordinate service.