

BASTROP POWER & LIGHT ELECTRICAL CONSTRUCTION SERVICE STANDARDS

UNDERGROUND ELECTRIC SECONDARY SERVICE Exhibit (C)

1. Any new electric secondary services from BP&L's power transformer to the Customer's meter location shall be installed in an underground electric conduit system.
2. When anyone requests an upgrade of service or relocation to an existing overhead electric secondary service it shall be placed in an underground electric conduit system. This applies to all new and existing single-phase and three-phase electric secondary services in the BP&L service area. The person requesting such changes is responsible for all costs related to the installation of any underground electric secondary service.
3. Electric service from underground distribution facilities is available to Customers who meet the requirements of these Electric Service Standards. In areas served by BP&L's underground distribution system, phase and voltage of electric service may be limited to what is available from existing BP&L's facilities.
4. Prior to construction, BP&L must approve; 1) any third party installer to work in our service area; 2) the proposed route; and 3) the location of the underground electric secondary service. When possible, meters should be located on the building. If the meter cannot be mounted on the building, BP&L may approve placement of the meter on a rack outside of the public right-of-way or easement. Under no circumstances, however, can a meter be mounted on a BP&L pole. Anyone requiring more than 200amps must contact BP&L for a quote on a CT meter. Customer is responsible for CT meter expense; payment is required before materials will be ordered.
5. Prior to beginning construction, the person(s) requesting or requiring a secondary service route may be required to provide to BP&L, at their sole cost and expense, payment for line extension fees.
6. Only licensed, pre-approved electrical contractors registered with the City will be allowed to install underground electric secondary service.
7. Technical Installation Requirements:
 - a. The electric secondary service shall be placed in Schedule 40 PVC, electric grade conduit a minimum of 18" below final grade.
 - b. Electrical warning tape shall be placed in the trench 12" above the conduit.
 - c. The electrical conduit shall be installed with a minimum of 12" horizontal and vertical clearance to all other underground utilities or structures.
 - d. The electric service wire shall be insulated copper conductor approved for installation in conduit.

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- e. The size of conduit for service shall be determined by the preapproved licensed electrical contractor in accordance with the National Electric Code.
 - f. Galvanized steel rigid conduit risers shall be attached to BP&L poles. Height to be determined by BP&L.
 - g. The preapproved electrical contractor shall terminate all conductors in the meter socket.
 - h. BP&L shall terminate all conductors at the transformer.
 - i. The new electric secondary service will not be energized until the City' s electrical inspector has inspected and approved, in writing, the entire installation.
 - J. Once the installation has been approved and energized, BP&L shall have sole ownership of the secondary service and shall be solely responsible for maintenance of same.
8. The City of Bastrop Chief Building Official agrees and supports this as the overriding electrical service standard for "Underground Electric Secondary Service".