ENTRANCE FACILITIES

LOAD BALANCING

Contractors and other installing electrical work are to balance the load on three-wire and four-wire systems. This is advantageous to the customer and to TEP because it will give the customer better voltage regulation and maximum use of service entrance equipment.

TYPICAL SERVICE ENTRANCES

Typical service entrances for residences shall be installed in accordance with TEP Standards SR-305, SR-310, SR-405, & SR-408. Service termination requirements for underground service to multiple metered installations are depicted on SR-425 & SR-426. Service entrance size for both residential and commercial installations is defined to be the nameplate ampere rating of the associated panelboard or switchboard.

SOCKET WIRING

Meter socket will be wired in accordance with TEP Standards, series SR-400.

ELECTRIC SERVICE LINES

OVERHEAD SERVICE LINES

TEP will install 1 span of overhead service line to the customer's approved point of attachment from the last pole on the overhead distribution system.

UNDERGROUND SERVICE LINES

TEP normally will install an underground service line to a residence in a customer-provided conduit system. For residences exceeding 300 amp service rating, commercial, and other installations, the customer should contact TEP to determine the point of delivery and the resultant responsibilities for installation.

SERVICE TRENCHES

Trenching and conduit system for service will be in accordance with trenching and meter location standards SR-312 and SR-405. The location and routing of the service trench made necessary by noncompliance with these requirements will be made by the customer at his expense.