



General Rules for Electric Service

Overhead Electric Service

Normal and customary electric service is provided by means of overhead electric lines, pole mounted transformers, and other related overhead facilities. The Commission shall have no obligation to make extensions of the Commission's electric lines and facilities except upon a determination of the economic feasibility and desirability of any such extensions, and the authority and responsibility to make such a determination rests solely in the Commission. However, the electrical facilities of the Commission may be extended or expanded to supply electric service when the revenue is sufficient to justify the cost of making such additions, or in lieu of sufficient revenue, the Commission may require a long term contract and/or contribution, monthly minimum charge, or definite and written guarantee from a customer or group of customers in addition to any minimum payment required by the tariff as may be necessary. The authority and responsibility to make such a determination rests solely in the Commission.

Secondary Underground Electric Service from Overhead Primary

a. The Commission will:

- Approve Plans
- Provide Electric Meter
- Assist in installation of Secondary Underground cable and conduit from base of pole to location of weather head. Connect secondary cable to the primary overhead system.

b. The Applicant will:

- Furnish and install stand-off brackets to an existing "Commission" power pole or furnish, install and maintain a secondary metering pole to be located at or near the Commission's overhead electric system as approved by the Commission. Should the applicant/user elect to install his/her conduit on a Commission power pole, the applicant/user agrees to relocate same in the event the Commission desires to move or replace the power pole.
- Furnish, install and maintain a 2" minimum rigid metal or Schedule 80 PVC conduit, meter socket, disconnect switch, conduit and 90 degree bends (rigid metal or Schedule 80 PVC) to proper depth of cover on the Commission's existing pole or the users metering pole in accordance with the Commission's Typical Detail Drawings.
- Furnish, install and maintain secondary conduit and service cable from the service pole to the load being served. Minimum cover over conduit shall be 30". All materials and installation shall be in accordance with the Commission's Typical Detailed Drawings.
- The applicant/user shall be totally responsible for maintaining his/her service line from the top of the weather head to the facility connected should same be damaged or destroyed for any reason.

Primary Underground Electric Service (Large Customers)

a. Loads less than 500 KW and requiring less than a 500 KVA transformer – Normal electric service is provided by means of overhead lines, pole mounted transformers and other related facilities. If any Applicant desires underground electric service, whether such service be to serve a single dwelling, a commercial or industrial customer, or any other type or classification of customer, the underground primary electric service shall be provided per the following:

i. The Commission:

- Shall approve the location of all underground electric facilities.
- Shall furnish and install underground primary electric cable.
- Shall furnish and install the pad mounted transformer and the pad for the transformer.
- Shall furnish and install the electric consumption meter.
- Shall not be obligated to supply underground electric service when, in the judgment of BUC, such service shall be infeasible, impractical or contrary to good operating and/or engineering practice.
- Shall own and maintain all facilities up to the metering point.

ii. The Applicant:

- Shall furnish and install trench, conduit and backfill for the primary electric cable per BUC specifications and standards.
- Shall furnish and install the electric meter base per BUC specifications and details.
- Shall provide easement(s) to BUC for any BUC facility not located within public right-of-way. The easement(s) shall be on a recorded plat or BUC standard easement form, as approved by BUC.
- Shall pay to BUC the cost difference between providing overhead and underground electric service before construction begins. The cost difference shall be determined by BUC.
- Shall maintain all clearances per BUC specifications and details.
- Shall furnish, install, own and maintain all underground secondary electric facilities past the metering point.
- Shall pay the total cost to BUC for the replacement of existing overhead electric service facilities with underground electric service facilities. The total cost shall include, but not be limited to, the removal of the existing overhead facilities and the installation of the underground electric facilities.

b. Loads 500 KW or Greater and Requiring a Minimum 500 KVA Transformer - Normal electric service is provided by means of overhead lines, pole mounted transformers and other related overhead facilities. If a large commercial/industrial applicant desires underground electric service for 120/208 volt, three-phase (LGS-1) or a 277/480 volt three-phase grounded wye (LGS-2) requiring a 500 KVA or larger transformer, the BUC will provide the electric service in accordance with the following:

i. The Commission will:

- Approve plans.
- Provide Electric Meter
- Furnish and install up to 150 feet of high voltage cable from overhead connection to pad mounted transformer.
- Maintain first 150 feet of high voltage cable listed above.
- Furnish, install and maintain pad mounted transformer.
- Make all connections to transformer.
- Provide 15 KV bushing well inserts, 15 KV connectors and other miscellaneous high voltage material required to make connections to the pad mounted transformer.

ii. The Applicant will:

- Furnish and install rigid metal conduit with 36" radius elbows, from 40" above telephone or television lines to approximately 2" above concrete transformer pad in accordance with BUC standard detail drawings. Minimum depth of cover shall be 42" for high voltage cable and 30" for secondary cable.
- Provide concrete transformer pad (outside flood plain) in accordance with BUC standard detail drawings.
- Pay the cost of furnishing, installing and maintaining all high voltage cable in excess of 150 feet to the BUC.
- Provide grounding per BUC requirements.
- Provide and install meter base and metering transformer enclosure (for CT's and PT's) to meet the BUC requirements.
- Provide current and potential transformers.
- Provide, install and maintain all secondary cable on load side of pad mounted transformer.
- Provide and install rigid metal conduit from CT's and/or PT's to meter base per BUC requirements.
- Provide secondary pad connectors per BUC requirements
- Provide weather head, straps, stand off brackets and all other miscellaneous material required to construct service in accordance with BUC requirements and the most current edition of the National Electric Code.