



# ***EASLEY COMBINED UTILITIES***

*A Community Tradition*

## **Easley Combined Utilities Electrical Customer Delivery Point Requirements**

1. It is the customer's responsibility to provide a location for the delivery point of electrical service.
2. Easley Combined Utilities must be granted an easement and the right of continuous access to its facilities for the purpose of installation, maintenance, and meter reading. Easley Combined Utilities will also have the right to secure and lock its facilities to prevent interference by any unauthorized parties, including the customer or the customer's employees.
3. Easley Combined Utilities will need space for the installation of wiring, poles, guys, anchors, transformers, fences, and other apparatus used in furnishing electricity to the customer. The customer may be asked to provide an appropriate security fence enclosure for the equipment. Sometimes the only space available is indoors where the customer will have to dedicate space. Inside a building, the customer will have to bear the expense of constructing the space to meet electrical, fire, explosion, and ventilation code requirements. Sometimes the customer will have to construct special floors, hallways, and elevators to accommodate the moving of electrical equipment. The space dedicated to Easley Combined Utilities should be able to be secured by Easley Combined Utilities to prevent access by the customer or general public. Transformer noise levels should be taken into consideration. On occasion, the customer may want to provide a delivery point that is not Easley Combined Utilities least-cost approach. Easley Combined Utilities may provide the delivery point where the customer requests, if the customer supports the extra expense with a contribution in aid of construction.
4. The customer and Easley Combined Utilities must work together to make decisions on what facilities each will supply.
  - A. In establishing the delivery point and metering point, customers must assist Easley Combined Utilities in meeting both local building codes and the National Electrical Safety Code. Safe working clearances, personal safety clearances, and safe construction clearances are of special concern.
  - B. Easley Combined Utilities will provide, own, and maintain the meter, and other metering facilities for commercial and industrial customers (metering point). Residential and commercial customers will be required to provide and install the meter base.

Easley Combined Utilities will provide and install the meter base for commercial and industrial customers that require instrument rated metering (e.g. thirteen terminal meter base). The customer must provide a suitable location for the meter. For instrument rated meters the customer must provide a one-inch conduit from the transformer pad to the meter location for instrument rated metering.

- C. For overhead secondary installations, the customer will provide overhead riser, weather-head, and conductor to meet building codes and the National Electric Safety Code. For underground secondary installations, the customer shall provide the underground conduit riser to the meter base. Easley Combined Utilities will be responsible for making all overhead weather-head connections and disconnections.
  - D. Easley Combined Utilities will provide any instrument transformer enclosures. The customer will provide any necessary weatherproof troughs for wiring connections and be responsible for providing the connectors and making the connections in a trough. Easley Combined Utilities may meter the primary side of the delivery point transformer when metering the secondary side is not feasible. Easley Combined Utilities will provide, install, own, and maintain all primary metering.
  - E. When the delivery point is a pad mounted transformer, the customer will be responsible for providing a reinforced concrete transformer pad according to Easley Combined Utilities specifications. The customer will be responsible for providing all conduit turnouts to access the pad. The customer will provide and install all secondary conduit and conductors between the delivery point and the metering point. Easley Combined Utilities will provide the connectors and make all connections.
  - F. Overhead Primary Installations. The customer will be responsible for providing and securing a right of way for the least cost installation of Easley Combined Utilities poles, down guys, and aerial conductors. Easley Combined Utilities will provide tree clearing of the right of way. The customer may be asked to clear any other obstacles in the right of way. If the customer requests location of Easley Combined Utilities facilities at a site other than the least-cost location, the customer will be asked to reimburse Easley Combined Utilities with a contribution in aid of construction.
  - G. Underground Primary Installations. The customer will be responsible for providing a cleared and finished grade within six inches of final grade condition. The customer must provide the specific location of all property lines before construction can begin. Easley Combined Utilities may not be able to provide underground conductors where severe obstacles exist. ECU will provide the primary conduit for the underground conductor. The customer will install the primary conduit between the transformer and the primary dip pole.
5. The customer must inform Easley Combined Utilities as to the type of voltage and level of service desired. Easley Combined Utilities will require information concerning total connected load, cycling loads, motor starting loads, and future loads. Easley Combined

Utilities will inform the customer of any service limitations. Only certain voltage classes may be available and across-the-line starting of certain size motors may be limited. Restrictions on certain types of electrical loads may be necessary if the load produces spurious noise, ferroresonance, or other sinewave abnormalities on the electric system. Easley Combined Utilities establishes a 60-cycle frequency electric system. Equipment which operates at other than 60 cycles will not work properly on the ECU system.

- A. Per the City of Easley, all commercial electric services (new construction and upgrades) are required to have a service disconnect on the exterior of the building/structure. Contact the City of Easley Building and Codes Office for additional information.
6. Easley Combined Utilities will inform the customer of the level of available fault current that the customer's equipment might experience. Likewise, the customer must inform Easley Combined Utilities of the installation of any fault current (short-circuit current) contribution from customer-owned motors and facilities.

### **Relocation of Facilities**

Easley Combined Utilities may consider a customer's request to relocate Easley Combined Utilities facilities. However, the customer will be asked to bear the expense of the relocation with a contribution in aid of construction.