

City of Ames Electric Services CT Metering Guidelines

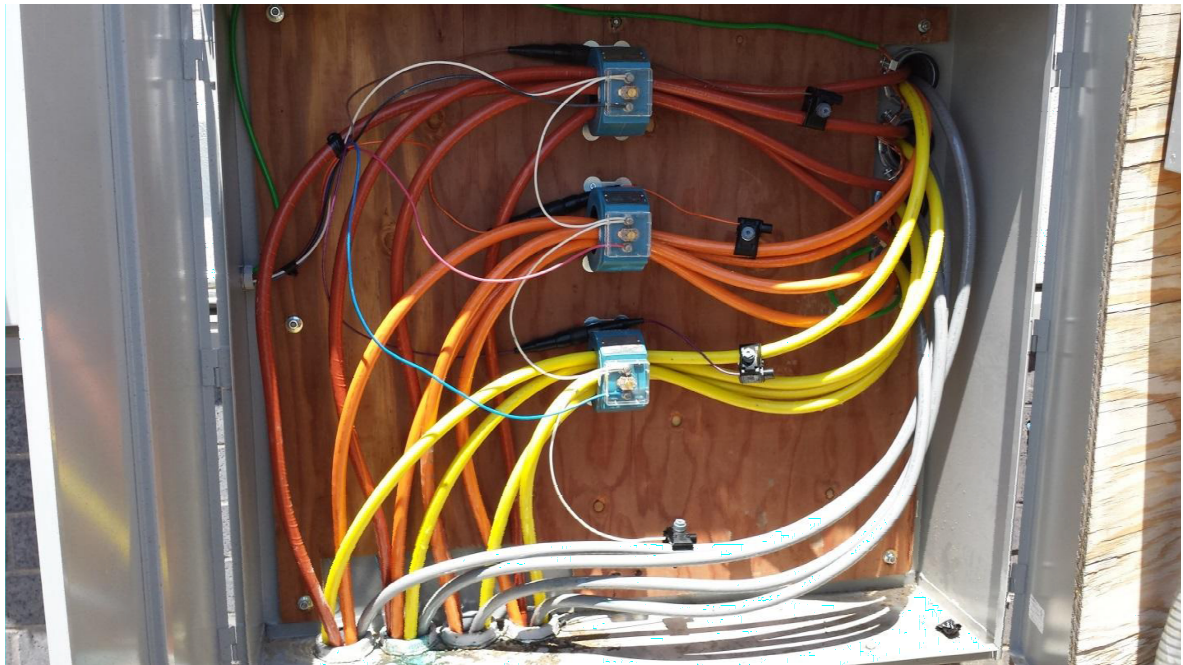
Electric services through 600 amps will be self-contained. Acceptable 200 amp sockets are Milbank, Durham, Talon with horn bypass. **400 amp, Milbank Sockets only.** 600 amp (bolt in) Siemens/Talon. Acceptable meter centers for apartment complexes are Milbank, Square D and Cutler Hammer with horn bypass.

200 and 400 amp on commercial services will have mechanical make before break (in and out) bypass.

Three phase services will require a disconnect before the meter to facilitate removing voltage from the meter prior to removing or exchanging the meter, (arc-flash).

Services above 600 amps will be instrument transformer rated. If the required conductors are greater than the conductors that will fit through window type CT's with a window size of 5.7" then the service will be metered in the transformer or primary metered. Standard window CT window size is 3 1/8" (up to 1600amps). If the number of wires require the 5.7" (up to 4500 amps) metering will need a 6 week notice. Transformer rated services will require a rain tight cabinet MINIMUM DIMENSIONS 3'H x 3'W x 10"D unless you require the 5.7" window CT which will require a 12" depth.

Cabinet layout:



CT layout will be ABC top to bottom or left to right.

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