
Rule 10-600 Meter Base Bonding

Background:

Multiple manufacturers are selling meter bases that have isolated neutrals. Some installers are overlooking this issue resulting in unbonded meter bases which can result in fire or shock hazards.

Direction:

Installers will need to ensure that they are paying close attention to the style of meter base that they are using and adapting to the different options available. **Disconnect and Holds** with pre authorization is one of the areas of concern as well as subdivisions which may have a mix of different meters as the part numbers on the meter have not necessarily been changed along with the design.

It is important to check for the appropriate wiring configuration used based on the neutral assembly configuration. For example, an isolated neutral assembly requires a bond conductor to be installed in the service raceway (see Appendix B Figure B-10-4 and Bulletin 10-15-*) to the service box.

Neutral assemblies of meterbases can be installed at the factory or be provided as a kit to be field-installed. There are 3 different versions:

- Permanently bonded to the enclosure;
- Permanently isolated from the enclosure; or
- Supplied with means to bond or isolate from the enclosure, complete with marking on a temporary tag, instruction sheet, or equivalent indicating how the bond is to be removed or installed

Continued reminders to the LEC community will help with awareness. ESA is using various methods to bring this to the attention of the installers, however you, the field inspector, are the most effective method to increase awareness.

