

New Construction Requirements for Installation of Secondary Terminations in Customer Panels Requiring Current Transformer (CT) Installation

SUMMARY

This bulletin provides new construction requirements for installation of secondary terminations at customer panels when current transformers (CTs) have not been installed.

Level of Use: Informational Use

AFFECTED DOCUMENT

[TD-2424P-01, "Distribution Transformer Operations"](#)

[TD-7001M, "Electric & Gas Service Requirements"](#)

TARGET AUDIENCE

All personnel who schedule, install, inspect, or supervise installation of secondary terminations at customer electric panels.

WHAT YOU NEED TO KNOW

To prevent inadvertent energizing of secondary voltage before installation of current transformers (CTs), the following procedures will apply:

- Secondary cable should not be terminated/landed at customer panel until CTs have been installed by meter tech personnel.
- Best practice is to schedule CT installation prior to construction/installation of secondary terminations.

IF secondary terminations are installed, terminated, and CTs are not set:

THEN before the work is performed by meter personnel (i.e., installation of CTs), per the [Protective Grounding Manual, Section 4B.4.2.A.2](#), DO one of the following:

- ESTABLISH a "Visible Open" to isolate the secondary terminations for meter personnel, OR
- INSTALL shunts/grounds.
- A "Visible Open" is defined as follows:
 - **Overhead Construction:** Open cutouts, primary jumpers not installed, OR secondary cable terminations isolated.
 - **Underground Construction:** Fuses removed, i.e., bayonet fuses at padmount or subsurface transformer, OR secondary cable terminations isolated.

NOTE: An open secondary breaker is not considered a "Visible Open."

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DOCUMENT APPROVER

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INCLUSION PLAN

The content of this bulletin will be incorporated into the following documents at the time of their next revision:

- Utility procedure [TD-2424P-01, "Distribution Transformer Operations."](#)
- [TD-7001M, "Electric & Gas Service Requirements" \(Green Book\).](#)