

## Installing 600 Volt Current Transformers

### SUMMARY

This bulletin provides information on changes to existing requirements when installing 600 V metering current transformers (CT's) for new service. Changes for CT installations will be addressed on new CT installs for underground service switchboards rated at 600 V or less.

Informational Use

### AFFECTED DOCUMENT

Utility Procedure: TD-6301P-01, "Electric Metering – Safe Work Procedures", Attachment 1 Installing 600 Volt Current Transformers

2017 Electric & Gas Service Requirements (Greenbook)

### TARGET AUDIENCE

All field personnel and customer service representatives.

### WHAT YOU NEED TO KNOW

To ensure the safety of field metering personnel, CTs will be installed on new services before the service conductors are terminated in the utility pull section. If service conductors have already been installed, validate or create an open point that is **controllable** on the **source** and **load** side of the metering section.

Review Utility Procedure: TD-6301P-01, "Electric Metering – Safe Work Procedures", Attachment 1 Installing 600 Volt Current Transformers, for detailed instructions.

Wall-mounted transformer-rated panels are an **exception** where the applicant's service-entrance conductors **must** be installed before CTs are installed. In this case, validate or create a controllable open point on the source and load side of the metering section.

In addition, the 2017 Greenbook will communicate to developers and service planning representatives requiring CTs to be installed before service conductors are terminated with the requirement below:

*"When applicants furnish and install approved service-entrance conductors on services requiring current transformers for metering, the service-entrance conductors must be installed after PG&E installs the current transformers. At the time of delivery or installation of the service panel equipment, applicants must contact the local PG&E project coordinator to request a current transformer metering installation prior to the applicant installing the service-entrance conductors.*

**Exception:** *An applicant's service-entrance conductors must be installed before PG&E installs current-transformers for wall-mounted transformer-rated panels."*

The Greenbook Committee will determine which section(s) this requirement will reside in.

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### DOCUMENT APPROVER

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### INCLUSION PLAN

This information will be included in the Technical Information Library.