

Secondary wiring standards for metering cabinets



Overview

This Specification supplements EO Specification No. EO-2022, and covers the general requirements for wiring, grounding and mounting facilities for meters and instrument transformers used in revenue metering of electric energy and demand on high tension. This document contains BC Hydro's requirements for revenue metering installations operating at 750 V and less. This. All meter and service equipment installations shall comply with the service requirements of CRA-ES and with rules and regulations of the inspection authorities having jurisdiction. If any question arises for. An outdoor disconnect is required for one- and two-family dwellings in compliance with 2023 NEC N230. PG&E will construct all pole-top primary metering installations and will.



Article Content

Jun 16, 2026

ELECTRIC SERVICE REQUIREMENTS REVISION MEDIUM

Service terminating pull sections and metering sections shall be fully enclosed. All removable parts that will give access to these sections or to any secondary wiring shall be sealable.

Mar 17, 2026

Primary Metering vs Secondary Metering

Primary metering and secondary metering are two different ways of metering the usage of customers. Though the way they are installed differs, there are...

Aug 10, 2025

SECTION 9 METERING & SES

When a raceway or conduit for meter secondary wiring is necessary, such a raceway or conduit shall be sealed by SRP. Do not locate removable panels or covers requiring sealing behind other panels,

Oct 23, 2025

Requirements for Secondary Voltage Revenue Metering (750 V and

This document contains BC Hydro's requirements for revenue metering installations operating at 750 V and less. These requirements also apply to revenue metering installations in the City of New

Feb 20, 2026

National Grid

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Nov 27, 2025

Microsoft Word

For construction and operation of meter room, the service conditions and system requirements shall be as given in the latest revision of SEC General Requirements For All Equipment / Material

Jul 15, 2025

8. METERING 8.1 METERING BASIC REQUIREMENTS required by

Depending upon the type of service installation, metering transformers for Polyphase services may be installed in the following: Metering transformer enclosures (CT Cabinets), secondary compartment of

Oct 20, 2025

Primary Service Requirements for Radial Underground Primary

Primary Metering Cabinet(s) (PMC) shall include three separate padlockable compartments. The line side compartment shall contain a line side cable terminating point.

Dec 26, 2025

GCS0008 R7 Secondary Revenue Metering Specification (1)

A continuous 27 mm [1"] piece of EMT shall be used to house the metering secondary conductors from the instrument cabinet to an approved 5-Jaw transformer-rated combination base metering enclosure.

Jan 24, 2026

GENERAL REQUIREMENTS FOR METERING

Y/120 Volt, 3-wire meter sockets. Occasionally horn type by-passes will be found on 3-phase meter sockets, but they are generally limited to sockets wh 0/240 Volt 1-phase meter sockets. These by

Oct 28, 2025

Electric service handbook

Meters will not be mounted on switchboards or metal frames unless approved by AES Ohio. Electric meter socket must have 3 feet clearance from the nearest point of a gas meter setting. When

Jan 04, 2026

Service Equipment Document from Green Book

Method One: Electrical contractor will furnish DTE approved standard single meter enclosures, which the electrical contractor will install using trough, conduit or other suitable means.

Oct 26, 2025

Microsoft Word

The metering conduit run within the switchgear and between the switchgear and the meter cabinet shall not have fittings with removable covers. If "LB"s, or similar conduit fittings must be used, they must be

Aug 07, 2025

Meter and Service Guide_2024_REV1

IN SOME JURISDICTIONS THE GROUNDING OF THE METER SOCKET AND INSTRUMENT TRANSFORMER ENCLOSURE WILL BE SUPPLEMENTED WITH THE USE OF A DRIVEN

Sep 29, 2025

RULES FOR ELECTRIC METER & SERVICE INSTALLATIONS

Customer installs, owns and maintains 1-1/4 inch minimum, galvanized rigid or intermediate steel conduit and fittings for PPL EU's meter cable between the instrument transformers to the meter panel.

Nov 24, 2025

Electric Metering General

This guide covers general requirements and codes for all electrical metering. For detailed information refer to the appropriate standard.

Feb 23, 2026

01-106-002 Contractor Information

The cabinet must be deep enough to allow room for the meter base (4-5") and meter (6") therefore a 12" deep cabinet should suffice. All wire inside the cabinet must be inside conduit to prevent damage.

Aug 09, 2025

Bussed CT Cabinets, Termination Cabinets, Disconnect

Bussed CT Cabinets, Termination Cabinets, Disconnect Combos Milbank is pleased to announce high-amperage Current Transformer (CT) cabinet additions to our

Jul 10, 2025

METERING INSTALLATION REQUIREMENTS

Standards for service switchgear have also been developed for self-contained meters, both residential and non-residential, and with either standard duty or heavy-duty sockets.

May 28, 2026

Pole-mounted Primary Metering Installation, (12 or 21 Kv Line)

Meter panel doors shall be bonded to the meter cabinet. The customer shall furnish and install a grounding electrode conductor for the meter cabinet in accordance with the California or National

Nov 26, 2025

Guide for Electric Service and Meter Installations

All metering troughs, switchgear, gutters containing un-metered conductors, and metering equipment must have prefabricated provisions for sealing by AEP Meter personnel.

May 22, 2026

Electric Service Standards

For commercial, self-contained metering, FPL requires meter sockets with lever bypass capability to eliminate service interruptions on meter changes. Installed by the Customer. These include IT rated

Apr 20, 2026

Guide for Electric Service and Meter Installations

Updated conduit sizes 1-1/4" to 2" and associated notes added. 01/2021

Revised/Added Standard for Clearance around CT Cabinets and Clearance around CT Cabinet along or on Catwalk. 01/2021

Jul 14, 2025

8. METERING 8.1 METERING BASIC REQUIREMENTS required by

8.1.9 Provisions for Sealing ctors or secondary wiring from Company metering transformers shall be provided with ceptable means for sealing. All unnecessary openings shall be adequately closed to

Contact Us

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