

PowerScout Energy Meters & CTEP

Tenant Billing Applications in California

WHAT IS CTEP?

Before a submeter can be sold or used for billing applications in California, it must be evaluated and endorsed by California's Department of Food and Agriculture (CDFA), Division of Measurement Standards (DMS). It is illegal for a device to be used for tenant billing if it has not received Type approval from the CDFA.

California Title 24, Part 6 Measurement and Verification (M&V) requires that CDFA evaluate and endorse submeters used for tenant billing through its CTEP (California Type Evaluation Program). The CTEP was created to ensure that weighing and measuring devices are designed for their intended use, operate correctly, and carry the required markings. The certification process aims to prevent fraud and the sale of faulty devices that may be unsafe or ineffective.

REQUIREMENTS FOR CTEP

- Independently tested for system accuracy (meters with Current Transformers (CTs)).
- Ability to read billing data at the meter (load descriptions, kW, kWh)
- Visible Pulse Indicator
- Ability to lock meter configuration after installation (physical "seal" switch on circuit board).
- Tamper evident seals to prevent access to internal components.
- External, tamper proof, meter settings label showing configuration and CTs, as well as tamper evident product labels.

DENT FOR LEGAL TENANT BILLING

DENT Instruments has a wide range of meters and CTs for any billing application. It's important to note that since the accuracy testing for CTEP is done as a "system," both the meters and CTs must be tested together. To ensure that your tenant submetering application meets all of the requirements, CTEP-approved meters and CTEP-approved CTs must be used.



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CTEP APPROVED METERS

PS3HDCDNC: PowerScout 3 HD, enclosure, display, CTEP (COMING SOON)

PS12HDCDNC: PowerScout 12 HD, enclosure, display, CTEP

PS24HDCDNC: PowerScout 24 HD, enclosure, display, CTEP

PS48HDCDNC: PowerScout 48 HD, enclosure, display, CTEP

CTEP APPROVED CTs

Revenue Grade Solid Core:

CT-RGT-19-100-U

CT-RGT-25-200-U

CT-RGT-32-400-U

Revenue Grade Solid Core Mounting:

CT-RGTM-15-0100-U

CT-RGTM-20-0200-U

CT-RGTM-35-0400-U

Revenue Grade Hinged Split Core:

CT-SRL-100-U

CT-SRL-200-U

CT-SRL-400-U

DENT Instruments, Inc.
Energy & Power Measurement Solutions