

# Alternative Metering Standard

RMSC Meeting  
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- q **Applies to metering installations in service on April 17, 2000 or where major components were ordered or procured on or before May 17, 2000 (section 1.1.1)**
- q **Alternative Metering Installation Standard sections include:**
  - **1.1A Metering Installation Not Comprised of Two Meters**
  - **1.2 Compliance with Blondel's Theorem**
  - **1.3 Meter Point Not at Defined Meter Point**
  - **1.4 Accuracy**
  - **1.5 Functional Requirements**
  - **1.6 Instrument Transformers – Power Switching**
  - **1.7 Instrument Transformers – Accuracy Requirements**
  - **1.8 Instrument Transformers – Secondary Cabling**
  - **1.9 Parallel Current Transformer Secondaries**
  - **1.10 Meter Installation Enclosures**
  - **1.11 Instrument Transformers – Primary Connection Point**
  - **1.12 Instrument Transformer – Primary Cable**
  - **1.13 Instrument Transformers – Burdens**

- q Registration of a ***metering installation*** that meets the conditions set out in the applicable section shall expire on:
- the earliest expiry date of the seal period of any ***meter*** within the ***metering installation***.
    - ü 1.1A Metering Installation Not Comprised of Two Meters
    - ü 1.4 Accuracy
    - ü 1.5 Functional Requirements
    - ü 1.10 Meter Installation Enclosure
  - the date that the ***metering installation*** or the ***facility*** to which such ***metering installation*** relates undergoes upgrading or refurbishment that is, in the ***IESO's*** opinion, substantial.
    - ü 1.6 Instrument Transformers – Power Switching
    - ü 1.7 Instrument Transformers – Accuracy Requirements
    - ü 1.8 Instrument Transformers – Secondary Cabling
    - ü 1.9 Parallel Current Transformer Secondaries
    - ü 1.11 Instrument Transformers – Primary Connection Point
    - ü 1.12 Instrument Transformers – Primary Cable
    - ü 1.13 Instrument Transformers – Burdens
  - the date that is six years of coming into force of section 4.4 of this chapter
    - ü 1.3 Meter Point Not at Defined Meter Point

## q Alternative Metering Installation Standards

- 4.4.1A Subject to section 4.4.1C and notwithstanding section 4.4.1, with respect to the expiration of *metering installations* registered under the alternative standards on the earliest expiry dates of the seal period of any *meter* within the *metering installations* as outlined in Appendix 6.2, sections 1.1A.2, 1.4.2, 1.5.3 and 1.10.3, these *metering installations* may be re-registered provided the *meters* are replaced with *meters* of a type that are described on the list of conforming *meters* established by the *IESO*. These *meters* may be replaced by either a single main *meter* or a main and alternate meter from the list of conforming meters.
- 4.4.1B Subject to section 4.4.1C and notwithstanding section 4.4.1, with respect to the expiration of *metering installations* registered under the alternative standards on the date that such *metering installations* undergo upgrading or refurbishment that is, in the opinion of the *IESO*, substantial, as outlined in Appendix 6.2, sections 1.6.4, 1.7.4, 1.8.4, 1.9.4, 1.11.4, 1.12.3, and 1.13.3 these *metering installations* may retain their registration under the remaining alternative standards for the portion of the *metering installations* not substantially upgraded or refurbished.

4.4.1C Sections 4.4.1A and 4.4.1B apply to *metering installations* whose seal expires before May 1, 2006. Sections 4.4.1A and 4.4.1B shall expire on May 1, 2006.

## q Expiration of section 4.4.1C

- Registration under this section may continue provided that Phase 2 Registration documentation is submitted to the IESO by April 1, 2005, and
- Phase 2 Registration documentation is approved and Hotline Ticket issued before May 1, 2006.
- EITRP's implemented before May 1, 2006 may continue under 4.4.1C provided they are completed within 12 weeks.
- Substantial upgrades after May 1, 2006 requires fully compliant metering