

Alternative Meter Installation Standards (AMIS)

April 20, 2011

Revenue Metering Standing Committee



□ 1.1 Introduction

1.1.1 This appendix applies to *metering installations*:

- in service on April 17, 2000; or
- that are the subject of an application for registration filed prior to the *market commencement date and in respect of which the major components were ordered or procured on or before May 17, 2000.*

1.1.2 This Appendix sets forth:

1.1.2.1 the alternative standards and accompanying conditions that must be met in respect of a *metering installation registered under Chapter 6, section 4.4.3;*

1.1.2.2 the information that must be submitted by a *metering service provider in support of an application referred to in Chapter 6, section 4.4.2;*

1.1.2.3 the circumstances in which the *IESO may revoke the registration granted pursuant to Chapter 6, section 4.4.3; and*

1.1.2.4 the time at which registration granted by the *IESO under Chapter 6, section 4.4.3 expires. Where the time at which registration expires is specified to be the earliest expiry date of the seal period of any meter within the metering installation, that date shall be the earliest expiry date of the seal period of any meter within the metering installation as of the market commencement date.*

- ❑ Alternative Metering Installation Standard sections include:
 - **1.1A Metering Installation Not Comprised of Two Meters**
 - 1.2 Compliance with Blondel's Theorem
 - **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

- ❑ The IESO will not permit Section 1.1A, 1.4, 1.5 and 1.10 under Appendix 6.2 for MMP seeking meter installation registration under AMIS.

Section 4: Metering Installation

4.3 Use of Metering Data and Metering Data Collection

- 4.3.3 *Each metered market participant shall ensure that all metering data contained in each metering installation for which it is the metered market participant is made available and transferred to the communication interface of the metering database in accordance with the requirements set forth in this Chapter and in any policy or standard established by the IESO pursuant to this Chapter. The IESO may use data collection systems operated by meter data management agencies for the purpose of the transfer of metering data to the metering database.*

- ❑ Registration of a *metering installation that meets the conditions set out in the applicable section* expire on:
 - the earliest expiry date of the seal period of any *meter within the metering installation*.
 - ✓ 1.1A Metering Installation Not Comprised of Two Meters
 - ✓ 1.4 Accuracy
 - ✓ 1.5 Functional Requirements
 - ✓ 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.
 - ✓ 1.6 Instrument Transformers – Power Switching
 - ✓ 1.7 Instrument Transformers – Accuracy Requirements
 - ✓ 1.8 Instrument Transformers – Secondary Cabling
 - ✓ 1.9 Parallel Current Transformer Secondaries
 - ✓ 1.11 Instrument Transformers – Primary Connection Point
 - ✓ 1.12 Instrument Transformers – Primary Cable
 - ✓ 1.13 Instrument Transformers – Burdens