

Minutes of the [12th] Meeting of the Revenue Metering Sub-Committee

26 Aug 2005, 9:00 to 3:00
IESO Skymark Training Room

Attendees:

Francois Abdelnour, Ivaco Rolling Mills
Luc Jarry, Utilismart Corp
Alex Lunycz, Rodan
Rob MacDonald, Rodan
Tom Wasik, Enersource
Rob Reid, N-Sci Technologies
Ron Merrett, Great Lakes Power
Art Stockman, Guelph Hydro Electric System Inc.
Vlad Stanisic, OPG
Rowan Jones, IESO
Richard Zaworski, IESO
Tuire Pickering, IESO
Dave Wilkinson, IESO
Silviu Motoc, IESO
Doug Thomas, IESO
Carl Burrell, IESO (part)
Jim Kelbert, IESO (part)
Guy Springgay, IESO (part)

1. Items from Last Meeting

1.1. Harmonics in compliant meters.

1.1.1. The IESO is in favour of standardizing on one method of dealing with harmonics for the wholesale market.

1.1.2. Measurement Canada consultation in progress (the IESO will participate).

1.1.3. Note that any standard will affect field analyzers.

1.2. High accuracy CTs

1.2.1. Expect CSA publication in Jan 2006. Recognition by Measurement Canada of 0.15, 0.15S is required.

1.3. Alternative Metering Standard.

1.3.1. The IESO confirmed that it considers any metering installation that has a hotline ticket by 1st May 2006 to have met the deadline.

2. Update on seal expiry progress.

2.1. Present status of 2003/2004/2005 seal expiry. Presentation by the IESO (see Seal Expiry Update.pdf)

2.2. Approx. 60% of the 2003/4/5 updates completed

2.3. The majority of the actual meters in the market are now conforming meters.

2.4. IESO to provide percentage of all metering installations completed.

3. Interim Report IESO/HONI Meetings with MMPs

3.1. Presentation by the IESO (see Meter_Installation_Upgrade_Strategy_InterimReport.pdf)

- 3.2. The report is an interim report only; it is not the final report as the interviewing process is not complete. However, considering most of the LDC's concerns have so far found to be common, the IESO may not delay instituting changes if they are judged to be of benefit to the market.
- 3.3. Relief will not apply where:
 - 3.3.1. The MMP owns the transformer station
 - 3.3.2. Where it is practical and reasonable to comply with the present rules.
 - 3.3.3. Other conditions as detailed in the presentation
- 3.4. The proposed changes would allow the IESO to grant permission for the existing ITs to remain in situ where warranted by the circumstances e.g. downtown location with space limitations.
- 3.5. Concern was raised that this discretion not be the norm but rather that it only be used where absolutely necessary. Relief should only apply to a small percentage of the installations.
- 3.6. The IESO would have to look at each individual case and make a judgement as to whether it qualified for relief.
- 3.7. This proposal will not address the Measurement Canada IT type approval problem.
- 3.8. There was general agreement in principle to proceed but the IESO should limit the application to worthy cases only.
- 3.9. The group wanted all the MMP visits completed, not to delay any further.
- 3.10. Completion of the visits plus rule/manual changes likely a six month process.
- 3.11. This item is presently open for any additional mail-in comments.

4. New Meter Registration Issues

4.1. Blondel Review

- 4.1.1. Presentation by the IESO (see Blondel_Review.pdf)
- 4.1.2. Test for Blondel compliance presented.
- 4.1.3. Comments:
 - 4.1.3.1. There are some 3 wire 27.6 kV systems left in the province, they are not all 4 wire.
 - 4.1.3.2. LDC's need to review the impact of new connections on all upstream meters. Changes in the downstream circuit connections can affect the Blondel compliance of the upstream metering.
 - 4.1.3.3. An MSP working on an embedded facility may not have information on the configuration of the upstream meters at the TS
 - 4.1.3.4. The vote on proposed Hardware Standard addition of section 4.3.3.e was unanimous (applies only to directly connected generators to step-up power transformer). Vote: six for, zero against.

4.2. Conduit Connector Sealing

- 4.2.1. Presentation by the IESO (see 20050826_IT_Conduit_Sealing_Requirements_Final.pdf)
- 4.2.2. Proposal for defeating access to (rather than the use of seals) of EMT joints was unanimously accepted. Vote: six for, zero against.

4.3. CT Ratios.

- 4.3.1. Presentation by the IESO (see 20050826_SLD_Review_Update_Final.pdf)
- 4.3.2. Proposal for the definition of "normal operation" accepted unanimously. Vote: six for, zero against.

5. Transmission System Code - Overview

- 5.1. Presentation by the IESO (see TSC Amendments Overview_Aug_26_05.pdf)
- 5.2. New Transmission System Code now in place.
- 5.3. New definition of embedded generator that allows embedding in more than just distributors. The impact on wholesale settlements is not yet clear.

6. MTR Working Group - Update

- 6.1. Presentation by the IESO (see IESO_MTR_PresentationAugust 26, 2005.pdf)
- 6.2. Report back to the RMSC.

- 6.3. Initial trial of the new power outage process is positive. There is a 50% reduction in August's power outage MTRs.
- 6.4. Communications is the next area of interest.
- 6.5. The IESO is presently installing 16 direct phone lines to test their effectiveness in communications with the meter.
- 6.6. Failure to communicate can be site specific. MSPs will be asked to review such situations in depth.
- 6.7. Next MTR Working Group Meeting 14 Sep 2005.

7. Settlement Principles - Update

- 7.1. Presentation by the IESO (see Settlement Principles-embedded generators.pdf)
- 7.2. Note added to existing example (10a) of embedded generator within an embedded distributor with feeder meters.
- 7.3. New example (10b) added to the Settlement Principles covering an embedded generator inside an embedded distributor with bus-metering.
- 7.4. Embedded generators inside an embedding participant that is not an LDC cannot use a TLF (they do not have an OEB approved TLF). Such losses may be accommodated using an SSLA_{RAD}, but participants are urged to check with the IESO as situations vary.
- 7.5. Considering the complexity of the configurations, should the settlement issues be reviewed as part of the connection assessment? IESO to review.

8. Market Rule MR00294 TS SS Metering

- 8.1. Presentation by the IESO (see Market Rule MR00294 TS SS Metering.pdf)
- 8.2. Market Rule proposed by HONI to cover the estimation of station service inside a transmission facility supplied from a distribution system.
- 8.3. The RMSC rejected the notion of basing a transformer rating of > 1 MVA using an estimate being based on a retail meter. Using an estimate was accepted, but the RMSC wants all such estimates to be based on a retail meter – no exceptions.
- 8.4. Concern was raised as to how this rule amendment is affected by the Distribution System Code. IESO to review.

9. IT MEC Public Consultation

- 9.1. Presentation by the IESO (see IT MEC Public Consultation.pdf)
- 9.2. Consultation commences on the 29th August, with a conference call on the 1st September, closing on the 9th September.
- 9.3. IESO requested to review total energy affected by these non 0.3 ITs
- 9.4. IESO confirmed that the default MEC would be 0.6% not 1.2%.

10. Small/Minor Embedded Generator – Manual Changes

- 10.1. Presentation by the IESO (see MR-00261_Update.pdf)
- 10.2. Presentation covered updates to the market manuals in accordance with market rule MR00261 for small/minor embedded generators.

11. Meter Framework Update

- 11.1. Presentation by the IESO (see 20050826_Meter_Framework_Update_Project_Final.pdf)
- 11.2. The IESO will not develop a framework document for ION 7X00 meters as they are not IESO-administered market conforming meters.

Carry over items

12. Comparison with other ISO's - Metering

Next Meeting: 16 Nov 2005 at Skymark