

Minutes of the [16th] Meeting of the Revenue Metering Sub-Committee

15 November 2006, 9:00 to 3:00
IESO Skymark Training Room

Attendees:

Vito Genovese, Horizon
Doug Currie, HydroOne Networks
Gary Nunes, Rodan
Vasilica Parpalea, Rodan
Luc Jarry, Utilismart Corp.
Kevin Myers, Veridian
Vlad Stanisic, OPGI
Ron Merrett, Olameter MSP
Randy Church, Hydro One
Navneet Singh, Enersource Hydro Mississauga
Peter Hajek, LaPrairie
Dave Wilkinson, Guelph Hydro
Terry Court, HydroOne Networks
Mark Simpson, Brantford Power
Jeff Simpson, Westcast
Roger Ersil, PowerStream Inc.
Bunil Yang, E4 Inc.
Luc Van Overberghe, Measurement Canada
Rowan Jones, IESO
Richard Zaworski, IESO
John Antonakos, IESO
Neill Wong, IESO

Guest Speaker – Jeff Richardson, Elster Metering

1. Items from Last Meeting

- 1.1. MSP to Delivery Point Listing
 - 1.1.1. Target implementation January 01, 2007
- 1.2. Compliance Aggregation - Meter Disaggregation – Closed
- 1.3. PME Bypass Switches – On current meetings agenda
- 1.4. 25 Hz Metering – On current meetings agenda
- 1.5. Meter Framework – Closed
- 1.6. PSI Time Synchronization
 - 1.6.1. Proposal for exemption for these recorders until seal expiry and eventual replacement under development.
- 1.7. Accurate Identification of Facilities
 - 1.7.1. Wholesale Meter group does not refer to PLC. IESO to look into linking these two fields together.
- 1.8. Baseline Updates – On current meetings agenda

2. Update on seal expiry progress.

- 2.1. Presentation by the IESO (2 - Seal Expiry Update Sept 6.pdf).
- 2.2. Approx. 86% of the 2003/4 seal expiries completed.
- 2.3. Approx. 72% of the 2005 seal expiries completed.
- 2.4. Approx. 37% of the 2006 seal expiries completed.
- 2.5. Positive trend continues.
- 2.6. Remaining Meter installations will probably be the more difficult to complete.

3. Measurement Canada VA Joint Working Group

- 3.1. Presentation by Elster Metering – Jeff Richardson (O3 - VA summary for EDA.ppt)
- 3.2. Brief overview of the goals of the working group and the formality of its operations.
- 3.3. Reviewed new approaches to “Issue Resolution Process”
 - 3.3.1. Examples on how issues are rated by the impact they have on the industry and the stakeholders.
The need to examine the “VA” process was an example of an outcome of the above.
- 3.4. Current JWG issues
 - 3.4.1. Acceptance sampling, VA, Billing values outside of meter, (see slide)
- 3.5. Presentation continued on focusing on the potential inequity in applying VA billing.
- 3.6. Majority of members believe that there should be only one method that is legal for billing in Canada
- 3.7. Group has agreed on the recommendations in principle, but formal recommendations have not yet been published
- 3.8. Recommendations were outlined in presentation and several concerns were raised.
 - 3.8.1. Questions on what current specification by M.C. are in place if any. If not, recommendations can not be enforced.
 - 3.8.2. Where does Canada stand on this issue compared to other countries? Currently Canada is the only country applying charges on VA.
 - 3.8.3. It was suggested that the true method of charge basis should be VA.
- 3.9. Presentation summarized as followed.
 - 3.9.1. One standard method of calculating VA and VAhours
Phased in over the life of existing meters
New requirements addressed in type approval

4. Legal Unit of Measure

- 4.1. Presentation by Elster Metering – Jeff Richardson (O4 - LUM WG EDA .ppt)
- 4.2. Concerns that the Electricity and Gas Inspection Act (EGIA) and Regulations do not currently recognize the establishment of electricity demand units of measurement outside an approved meter.
- 4.3. Some current practices were outlined and the inequities that may exist outlined in presentation. Several scenarios on solutions covered and will be put forward to M.C.
- 4.4. MC has indicated that PDD intends to issue a new unique specification that will be applicable for LUM outside an approved meter.
 - 4.4.1. Stakeholders will have the opportunity to comment.

5. MR-0312 Update

- 5.1 Presentation by the IESO (5 - MR-0312 - 12 Nov 2006.ppt).
- 5.2 Proposed Market rule reviewed to committee.
 - 5.2.1 MR and MM changes were consulted with RMSC on October 13, 2006 by conference call.
 - 5.2.1.1 Some modifications were defined. Outline found in presentation.
 - 5.2.2 IESO met with TP on November 7, 2006. Market Rule Amendment reviewed and voted on MR-00312. Unanimously accepted
- 5.3 MR-00312 to be presented to IESO Board for approval on Nov. 17, 2006
Once approved, Market Rule will become effective Dec. 13, 2006
- 5.4 Discussion on the requirement of a “Class C” estimate with application
 - 5.4.1 Definition needs to be defined or referenced. Possibility to have reference and definition on application form that is currently under development.
 - 5.4.2 Question if estimate is needed at time of application. Applications will not be accepted without estimate.
- 5.5 Until market rule has been approved, IESO cannot proceed. If installation expire end of year, MMP must address MACD.
- 5.6 Technical Panel would like to thank the Revenue Metering Sub-Committee for all their work in developing MR-00312.

6. Base Line Updates

- 6.1 Presentation by the IESO (6 – Baseline 16.1 Updates.ppt)
- 6.2 Effective Date is Dec. 6, 2006
- 6.3 Section 5.4.2 – Requirements for Main and Alternate Meters
 - 6.3.1 Meters auxiliary power configuration is described for facilities that are disconnected from the source and kept off potential for an extended period of time.
- 6.4 NEW Section 6.7.3 – Emergency Bypass Switching Device – Pole Mounted Metering Equipment
 - 6.4.1 Must be shown on SLD and incorporated in EITRP. Specific procedures of how MMP to notify host LDC.

7. Connection Station Service

- 7.1 Presentation by the IESO (7 - Connection Station Service.ppt)
- 7.2 Per Chapter 6 section 2 there is a requirement to have a metering installation and it must be registered with the IESO.
- 7.3 Ch 9 section 2.1A states that where the station service is not separately metered by an RWM it shall be estimated by an Engineer.
- 7.4 Many discussion sparked by the review of the above.
 - 7.4.1 IESO concerned that rules are not being properly applied and need to set parameters and thresholds as to when estimates will be accepted.
 - 7.4.2 It was suggested that the possibility to use M.C. approved metering installations as opposed to WRM installations for station services.
 - 7.4.3 Hydro One reminded group that they had offered a similar suggestion in the past. Difference is that the metered quantities would be the basis for the estimate applied with a true up adjustment yearly. They are very concerned with what resolutions are made because they do not want third party participant in their stations. They suggest that if SS is exposed to IESO controlled grid, at a minimum a meter must be installed to be the basis of an estimate.
 - 7.4.4 The possibility of implementing the metering requirements for small generation was tabled.
- 7.5 IESO to prepare documentation on how this issue can be addressed for next RMSC Meeting. Possibility of two methods to be explored.

8. MV90 Masterfiles and IESO Controlled Fields

- 8.1. Presentation by the IESO (8 - MIRT_MSP_and_IESO_Controlled_Fields.ppt)
- 8.2. IESO developed a MIRT Validation Tool (MVT) to verify submitted MIRT files. Templates in the process of development for each meter type to be used with MVT.
 - 8.3.1. See presentation for details.
 - 8.3.2. Tool to be in place in early 2007
- 8.4. One question raised on how existing MIRT/MV90 files to be addressed.
 - 8.4.1. IESO controlled fields to be updated.
 - 8.4.2. Group moved toward having the MSP's make changes and submit MIRT to IESO. This is their record of submission.

9. IESO Field Audit Stats

- 9.1. Presentation by the IESO (9 – IESO Field Audit Stats_Oct 24_06.ppt)
- 9.2. New tool put in place to track audit findings. Capable of reporting on several different classes of findings.
- 9.3. Randy Church informed group that there are only 33 TX types without test cards left in system.
- 9.4. Question was asked if the IESO would permit a process which allows MMP field staff to apply seals when routine maintenance work is required. Vlad Stanisic of OPGI to present proposal for consideration at next RMSC meeting.

10. 25 Hz Meters – ION 7700

- 10.1. Presentation by the IESO (10 -25 Hz Conforming Meter.ppt)
- 10.2. October 17, 2006 conference call between IESO, HydroOne, Measurement Canada, Schneider Electric and Langford & Associates
 - 10.2.1. ION 8600 25Hz meter kWh energy confirmed. Confirmation required for kVarh, V2h and I2h.
 - 10.2.2. Measurement Canada does not have standard for Varh, V2h and I2h.
 - 10.2.3. Develop plan re: 25 Hz meter.
- 10.3. PML to report back with next step.

11. Miscellaneous

1. Discussion led by IESO
2. Questioned to group on how many RMSC meeting to be planed for coming year and agenda items to be covered.
3. Randy Church to prepare presentation on MI upgrades of difficult installations
4. Presentation on how many installation expire due to IT dispensation ending.
5. Does IESO need to report back to board with summary of year's meetings?

Next Meeting: TBD