

Minutes of the [8th] Meeting of the Revenue Metering Sub-Committee

13 May 2004, 9:00 to 2:00
Clarkson System Control Centre, Room 306

Attendees:

Dave Wilkinson, Cambridge Hydro
Randy Church, HydroOne
Patrick Guran, Hydro Vaughan
Terry Court, Hamilton Hydro
Tom Wasik, Enersource
George Rosati, Enersource
Mark Simpson, Wescast
Peter Hajek, Brantford
Kevin Myers, Veridian
Julio Lopez, Enwise Solutions
Ron Merrett, Great Lakes Power
Paul Grod, Rodan Meter Services
Gord Haines, OPG
Doug Currie, HydroOne
Francois Abdelnour, IVACO
Bunli Yang, E4 Inc.
Rowan Jones, IMO
Richard Zaworski, IMO
Neill Wong, IMO
Alberto DeSantis, IMO
Vito Genovese, IMO
Herb Osborne, IMO
John Boudreau, IMO (part)
Carmela Phillips, IMO (part)
Probir, Sarbadhikari, IMO (part)

1. Items from Last Meeting

1.1. No comment on items from the last meeting.

2. Seal expiry – update.

2.1. Presentation by the IMO:

2.1.1. Presentation covered the present status of seal expiry in the market.

2.1.1.1. Approximately 775 meters seal expire in years 2003 and 2004

2.1.1.2. See attached presentation for additional details

- 2.1.2. Actions by the IMO:
 - 2.1.2.1. IMO issuing a letter reminding MMPs of their seal expiry obligations and details which seals expire.
 - 2.1.2.2. Letter advises that MMPs not meeting their obligations may be subject to compliance.
 - 2.1.2.3. IMO account reps are available to discuss the issue.

3. Measurement Canada - update

- 3.1. Presentation by the IMO:
 - 3.1.1. Presentation included the issue of non-type approved ITs and the role of contractor in the wholesale market.
 - 3.1.2. Feedback/suggestions were requested from the Committee.

4. Compliance

- 4.1. The Committee was addressed by the IMO compliance group “MACD”
- 4.2. MACD explained its role and confirmed its independence within the IMO
- 4.3. MACD advised that if a participant anticipated being in non-compliance, it is recommended the participant self report and demonstrate due diligence.

5. Distributed generation - proposal

- 5.1. Presentation by the IMO
 - 5.1.1. Presentation covered metering barriers to entry for small, embedded generators in the real-time market.
 - 5.1.2. Proposed lesser standard for metering with the aim of reducing costs
 - 5.1.3. The Committee in general was opposed to any lessening of standards and was unanimous in opposition to structural changes such as a reduced role for MSPs. However, approximately half the Committee advised that they would consider changes to the hardware standard - such as convergence with the retail code.
 - 5.1.4. Comments from the Committee:
 - 5.1.4.1. To maintain integrity, the metering installations must be registered properly with the IMO.
 - 5.1.4.2. Having a lesser standard for embedded participants means a lesser standard for the embedding distributor – reduced settlement accuracy
 - 5.1.4.3. Adding yet another standard means increased complexity to an already complex situation.
 - 5.1.4.4. Having a default value of zero would adversely impact the transmitter
 - 5.1.4.5. Not convinced that the issue is real and the savings will ensue
 - 5.1.4.6. The low load Measurement Canada requirement may be an issue for small generators

6. Settlements principles - conclusion

- 6.1. Presentation by the IMO.
 - 6.1.1. The presentation covered corrections and additional cases (of settlement principles) for the Committee to consider
 - 6.1.2. These additional cases covered how embedded distributors are settled
 - 6.1.3. The IMO stated that it was applying these standard principles to registration of metering installations – effectively immediately.
 - 6.1.4. The Committee suggested that these principles be posted on the IMO website for all to use.

7. Solid bus – 1 set of VTs

- 7.1. This item was put forward by a Committee member:
- 7.2. The issue: why not use a single set of VTs where a solid bus connects two feeders?
- 7.3. The Committee discussed the proposal and having no objections recommended that this be handled as an exemption.

8. 10% Minimum for peaking plant

- 8.1. This item was put forward by a Committee member
- 8.2. The issues:
 - 8.2.1. peaking plants when not generating may have CTs operating below the 10%
 - 8.2.2. applying a TLF to station service metering does not allow for the different conditions i.e. supply from the grid and supply from the generation.
- 8.3. Suggestion was made to transfer the station service load to retail supply

9. IT checks vs. transitional installations

- 9.1. The IMO advised the Committee that a proposed rule amendment was presently in progress for IT checks (MR-00258-Q00).
- 9.2. The amendment relaxes the frequency of testing presently at 1X or 2X p.a., and instead requires them at commissioning, upgrades, per manufacturer's recommendations, or at the direction of the IMO.
- 9.3. The IMO confirmed that operational metering might be used as an IT check.
- 9.4. No objections from the Committee to the proposal

10. Blondel testing - update

- 10.1. Presentation by the IMO
- 10.2. Presentation covered wye grounded systems and included:
 - 10.2.1. how to perform a study acceptable to the IMO
 - 10.2.2. how to calculate the error

11. Hardware standard - update

- 11.1. Presentation by the IMO.
- 11.2. The presentation covered the rewording of section 4.3.3 (d) of the Hardware Standard.
Issue 2.1.

12. Hardware standard - ANSI

- 12.1. Presentation by the IMO
- 12.2. The presentation covered the proposed change to make the meters comply with the requirements of ANSI C12.10
- 12.3. Adoption of this standard would define the packaging of the meters
- 12.4. The Committee recommended that this not proceed at this time.

13. Data reconciliation - proposal

- 13.1. Presentation by the IMO.
- 13.2. Presentation covered the proposed changes to Market Manual 3.9 outlining the duration required between submitted data reconciliation's.
- 13.3. No objections from the Committee on the principles of the proposal

14. Gold meter

- 14.1. Presentation by the IMO

- 14.2. Presentation covered the use of a conforming meter as an analyzer and proposed setting a standard for such devices
- 14.3. The Committee decided that an IMO gold meter standard was not required.

15. Confidentiality of data

- 15.1. Presentation by the IMO
- 15.2. Presentation covered the eventuality that MSPs have a different market participant ID from the MMP that owns them. This arrangement would facilitate the confidentiality of information should the MSP require this to comply with the confidentiality obligations of the market.

16. Next Meeting: 26 August, 2004