

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

11 March 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
Dino Cecchetto, Enersource
Mark Simpson, Wescast
Peter Hajek, Brantford
Kevin Myers, Veridian
Julio Lopez, Enwise Solutions
Luc VanOverberghe, Measurement Canada
Ron Merrett, Great Lakes Power
Travis Iwamoto, HydroOne
Paul Grod, Rodan Meter Services
Gord Haines, OPG
Glen Fuller, Brant County Power
Rowan Jones, IMO
Richard Zaworski, IMO
Neill Wong, IMO
Alberto DeSantis, IMO (part)
Vito Genovese, IMO
Rayhan Malik, IMO

1. Items from Last Meeting

1.1. Arising out of the minutes of the last meeting, there was a general discussion on deductive metering. Deductive metering is inherent in the wholesale market and has been the practice in the past in Ontario.

2. Standard Metering Settlements

2.1. Presentation by the IMO:

2.1.1. Presentation covered the principles being used by the IMO to settle the market, including:

- 2.1.1.1. How the meters are added up.
- 2.1.1.2. How the loss adjustments are made
- 2.1.1.3. How the station service is shared
- 2.1.1.4. How the transmission charges are applied

- 2.1.2. The Committee made suggestions to the standard models and requested that additional examples be produced clarifying the embedded-embedded participant cases.
 - 2.1.3. The purpose of producing these principles is to ultimately have a set of standard settlement principles as part of a Market Manual to be used by all in totalization tables.
- 3. Blondel Review**
- 3.1. Presentation by the IMO:
 - 3.1.1. Presentation included a review of Blondel's Theorem.
 - 3.1.2. The IMO's position on whether or not a number of different arrangements are Blondel compliant was also presented.
 - 3.1.3. Of special interest was the 46 kV 3-wire system using two-element metering.
- 4. Intertie Switching on Feeders**
- 4.1. Presentation by Hamilton Hydro:
 - 4.2. The issue is that many existing TS's have interties and switches between feeders to allow operational flexibility.
 - 4.3. The concern is that when the interties are used, the metering may not capture the load.
 - 4.4. The suggestion is to put in place an organizational solution, advising the IMO when switching takes place – very similar to power switching.
 - 4.5. Suggestion was to control the switches, but remove jumpers
 - 4.6. Part of the Committee still wanted all known loads metered.
 - 4.7. To be carried forward.
- 5. Registration Update**
- 5.1. The Committee requested regular updates on seal expiry progress.
- 6. V^2 and I^2 Validation Update**
- 6.1. Presentation by the IMO:
 - 6.2. Covered recent changes made to the voltage and current presence checking
 - 6.3. Also covered proposed changes to main/alternate meter check.
 - 6.4. IMO's present standard on time tolerance checks reiterated.
- 7. Switching between Participants Delivery Points**
- 7.1. Concern was raised that switching between MMPs occurs without notice and with the consequence that an MMP may pay extra for transmission service charges.
 - 7.2. Noted as not being a Market Rules issue for the IMO to deal with.
 - 7.3. HONI agreed to review.
- 8. Call Cycles Update**
- 8.1. Presentation by the IMO:
 - 8.2. Covered the meter call cycles that was instituted in December 2003.
 - 8.3. IMO standard is one phone circuit will support two meter installations.
- 9. Monitoring the progress of Meter Points**
- 9.1. IT was suggested that the IMO track the progress of seal expiry
 - 9.1.1. Number of new meter point ID's issued (most of these will be for upgrades) each month.
 - 9.1.2. Number of meter point ID's that complete the registration process within that month.
 - 9.2. And that these results get reported.

10. IT checks – Rule Amendment

- 10.1. The IMO proposed a change to the Market Rules requirements for instrument transformer (IT) checks
- 10.2. The amendment would allow up to 6 years between IT checks unless a special event occurs like replacement or when the accuracy has been compromised..
- 10.3. The proposal also required all installations to have IT checks, not just legacy meters.
- 10.4. The Committee discussed the wording of the proposed rule amendment. There was concern about the use of “compromised”. The IMO agreed to review.
- 10.5. The Committee passed the proposed amendment in principle.

11. Form 1304

- 11.1. IMO presentation
 - 11.1.1. Proposed changes to Form 1304 tabled.
 - 11.1.2. No objections.

12. Temporary Metering

- 12.1. Discussion on the present state of temporary metering.
- 12.2. Advisory group required to devise standard
- 12.3. Working Group to be set up. HydroOne to chair first meeting.

13. Next Meeting: 13 May, 2004