

# UPDATE Time Synchronization – PSI Recorders

Revenue Metering Standing Committee

March 7, 2007

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- No fix from ITRON
  - Communication error cannot be duplicated
  - MV90xi experiences same issue
  - No further development on PSI TIM
- Number of PSI recorders is decreasing
  - 399 today vs. 574 a year ago
- Month of July 2006, IESO performed 13 manual time sets
  - recorders that drifted beyond 20 second threshold
- IESO must have PSI time-set issue remedied by Jan. 31, 2007 or a compliance plan accepted by MACD
- Technical fix will not be available by this date
- IESO considering applying for exemption
- Is the RMSC in agreement with this proposal?

## Exemption Application Status

Application	Market Rule	Date Application Received	Date Recommendation Posted	Recommendation	Due Date for Applicant and 3rd party submissions	Panel considering release of confidential info	Applicant and 3rd party submissions List	Due Date for Applicant and IMO Comments on 3rd party submissions	Date Panel Decision Posted	Panel Decision
1328	Chapter 2, Sections 5.2.1, 5.2.2 & 5.7.1 - Prudential Requirements	Jan 31 07	Feb 01 07	1328	Feb 05 07	Not Applicable			Feb 08 07	1328
1327 Attachment A	Chapter 6, Section 11.2.2 - Meter Time Synchronization	Dec 22 06	Feb 01 07	1327	Feb 15 07	Not Applicable				

### ❑ Exemption 1327 – Meter Time Synchronization

- Submitted Dec. 22, 2006
- Recommendations posted Feb. 1, 2007
- No 3<sup>rd</sup> party comments received

### ❑ Met with Exemption Panel on Feb. 21, 2007

- ❑ Applies to all PSI Recorders
  - Disable auto time set for all PSI recorders
  - Identify all PSI recorders whose time drift > 20 sec.
  - Force manual time set at the 20 sec. limit
  - Where manual time set is not successful and time drift exceeds 1 min., an MTR will be issued
- ❑ On annual basis at year end, Applicant to provide IESO Exemptions with the number of PSI Recorders that remain registered and in use
- ❑ Exemption expires the earliest of;
  - December 31, 2010
  - Completion of the replacement of all 286 PSI recorders
  - A commercially available software fix or workaround becomes available, is installed on IESO facilities and is tested to be reliable

- ❑ Exemption Panel approved IESO staff recommendations
  - ✓ No changes to the application
  - ✓ Formal 'Decision of the Panel' is being proceed for approval by the Exemption Panel and will be posted by the end of the month (March)
- ❑ MACD has issued a conditional close for COM053120 - conditions have been met