

Metering Installations Update

Revenue Metering Standing Committee
April 29, 2010



Status

- 99 metering installations with 2003-2010 seal expiry remain to be upgraded
- 194 metering installations have instrument transformers on the Measurement Canada IT Temporary Permission list which expire Dec. 31, 2013
- ~3500 meters registered
- ~120 virtual meters registered (SS estimates, 1563 and exemptions)
- 245 meters interrogated via TCP/IP
- 2270 delivery points registered (includes energy, transmission network and transmission connection)

Legacy Meters

- Seal expired metering installations (99 in total) which have not been upgraded continue to utilize ‘legacy’ type meters
 - PSI recorders with induction type wh/varh meters
 - ION7700 meters
 - Jem meters
- IESO permits the replacement of a legacy meter with a meter listed on the IESO Conforming Meter List
 - Some participants are taking advantage of this provision
 - Non-compliance relative to seal expiry continues to be addressed by MACD
- Continued support for ‘legacy’ type meters is limited (MV90, CODA, etc)
- IESO working with MACD to address support issue
 - Considering issuing ‘Order’ to participants to replace ‘legacy’ meter with meter listed on IESO Conforming Meter List

2010 Initiatives – Metering/Settlements

- Meter Audit Program – 90 meter installations including station service estimates
- Assessment of CT operating range
- Customer Information and Data Exchange (CIDE) Project
 - KCCP to centralize master data
 - Includes grid assessments, market entry and metering
 - PLC replacement
- TCP/IP implementation
 - Work with customer relations to target 10 largest participants
 - Expand implementation of MSP TCP/IP Networks
- MV90 Upgrades
 - Prepare for MV90xi 3.0 Upgrade
- MVStar Replacement

2010 Initiatives – Metering/Settlements (cont'd)

- MR amendment – Maximum Adjustment Period (MAP)
- Process improvements
 - Post registration commissioning review process
 - Issuance of communication MTR's
 - Update to IESO conforming meter testing process
 - Update to meter frameworks
 - Update to MIRT and MVT (support for all IESO Conforming Meters)
 - Enhanced MSP Web Page
- Support for Centralized Wind Forecasting Working Group
- Support for GEA