

Metering Installations Update

Revenue Metering Standing Committee

April 20, 2011



UPDATE - Registration Status

- ~~99 90~~ 84 metering installations with 2003-2010 seal expiry remain to be upgraded
- ~~194 175~~ 148 metering installations have instrument transformers on the Measurement Canada IT Temporary Permission list which expire Dec. 31, 2013
- ~~245 324~~ 364 meters interrogated via TCP/IP (10% of total meter population)

- 2085 meter installations registered
 - 1957 physical meter installations
 - 128 virtual meter installations
- 2120 delivery points registered
 - 914 energy delivery points
 - 1206 transmission tariff delivery points

Update – Legacy Meter Replacement



- Of the 84 metering installations with 2003-2010 seal expiry remaining to be upgraded, 10 continue to utilize legacy type meters/recorders (PSI-S100/S200 recorders)
- Dec. 2010, IESO issued letter to Participants informing them that effective Jan. 1, 2012, IESO metering systems can no longer ensure continued support for legacy type devices
 - Participants are required to replace legacy devices with, at minimum, a meter on the IESO Conforming Meter List; metering installation is still non-compliant with MR seal expiry obligations
- IESO's Market Assessment and Compliance Division (MACD) continues to pursue compliance action to address seal expiry non-compliances

UPDATE - 2011 Initiatives

Metering/Settlements



- Section 5970 Settlements Audit
 - Audit of internal control processes that the IESO has in place to address its Settlement operations processes
 - Period from Jan. 1, 2011 to June 30, 2011
- Revenue Meter System (RMS) Upgrade Project
- CDMS (Customer Data Management System)
 - Phase 1 – CDMS (delivered Dec. 2010)
 - New master database includes Grid Assessment, Market Entry, Metering Installations and Finance
 - Includes relevant information from other data sources including Meter Registration Catalog (MRC)
 - Functionality enhancements managed by Project Team and Change Management Process
 - Phase 2 – CDMS Enhancement (Q2/2011 to Q4/2011)
 - Creation of Rights Management system (preparation for Enrolment Automation)
 - Rollout of CDMS across the IESO
 - Cutover IT systems from PLC to CDMS (decommission PLC)
 - Cutover IT systems from MRC to CDMS (decommission MRC)
 - Phase 3 – Enrolment Automation (Q3/2011 to Q4/2012)
 - Add new Rights Management System for MP rollout
 - Stakeholder process
 - Stage 1 – Release of 'online forms' for participants to submit data to IESO
 - Stage 2 – Automate registration process within and outside of the IESO

UPDATE - 2011 Initiatives

Metering/Settlements (cont'd)



- Regulation Service from Loads
 - Procure new sources of regulation service from loads
- Continued expansion of TCPIP
 - Continue to work with a number of MMP's and MSP's
 - Considering TCPIP requirements for 'new' facilities
- Process redesign within Metering/Settlements
 - Automate 2 day communication MTR process (internal)
 - IESO Conforming Meter application and testing process
 - Refinements to metering installation audit program
 - Continued expansion of 'Request for Commissioning Reports' process
 - MSP Performance Measures