

# 2011 Initiatives – Update

Revenue Metering Standing Committee

Oct. 27, 2011



# Revenue Metering System (RMS) Replacement Project



- RFI completed Sept. 2011
  - 5 respondents to RFI
- Visioning (problems and opportunities) stage has been completed. Highlights include:
  - Address Measurement Canada proposed requirements re: Legal Units of Measure
  - Address issues related to ‘critical change’ and the need to re-register a metering installation
  - Ability to implement changes to a Compliance Aggregation Model without the need to re-register the model
  - Application of losses under bi-directional power flow conditions, no-load conditions and determination/apportionment of losses on a common section of conductor
  - Validation of meter data and elimination of end user computing tools (EUCT’s)

# RMS Replacement Project

- Visioning (cont'd)
  - Incorporate tertiary meter data source (operational SCADA data) for decision making and VEE
  - Enhancements to meter polling functionality, reporting and analysis, data import, etc.
  - Enhancements to Web GUI for data retrieval
  - In total, 37 problems and opportunities were identified
- Project plan is currently in development
  - Initial project has been divided into two projects
  - Project 1 includes MV-90, MV-Star and MV-Web
  - Project 2 includes Meter Trouble Reporting (MTR) system; workflow management system
- Analysis of business processes and identification of requirements to begin next month
- RFP to be issued Q2-2012 (target)

# RMS Replacement Project

- Next steps:
- IESO to initiate market rule amendment to remove Main/Check metering provisions
  - Anticipate work to begin Q1 – 2012
  - Includes Market Manual and Hardware Std. updates
- Market rule provisions for Physical Allocations Data (PAD) will also be reviewed
- Review of MSP Performance Reporting requirements
  - Review market rule requirements regarding MSP response to MTR's and meter registration activities
  - Review of meter installation performance metrics
  - RMS/MTR systems will need to provide data to support measures
  - Refer to <http://www.ieso.ca/imowebpub/200911/rm-20091008-09-MSP-Performance-Measures.pdf>

# CDMS Enhancements Project



- Customer Data Management System (CDMS) Enhancements Project includes:
  - Creation of Rights Management system (preparation for Registration Automation Project)
  - Rollout of CDMS across the IESO
  - Cutover IT systems from PLC to CDMS (decommission PLC)
  - Cutover IT systems from MRC to CDMS (decommission MRC)
  - Cutover of other IT systems to CDMS
- Metering registry information now contained within CDMS
- Internal processes are being redesigned to take advantage of CDMS efficiencies
- Target completion Q4-2011

# Registration Automation Project



- Objectives
  - Improve ‘enrolment’ process efficiency and effectiveness for customers and the IESO
  - Objective: Improve customer data quality submissions
- Project touches many group’s across the IESO including connections assessments, market entry, metering, finance, customer relations, etc.
- Includes organization, participant, person, facility and metering registration processes
- Project is underway and targeting Q4-2012 delivery

# Other Projects/Initiatives

- S.5970 Audit of Settlement Operations
  - External audit of IESO's settlement controls, processes and procedures recently received an unqualified opinion for audit period Jan. 1, 2011 to June 30, 2011
  - <http://www.ieso.ca/imoweb/news/newsItem.asp?newsItemID=5809>
- Automation of 2 day Communication MTR Process (internal)
  - Automation of internal manual processes when issuing communication MTR's
  - MTR's will be issued by 7:00am each business day
  - Targeting Q4-2011 delivery

# Other Projects/Initiatives

- Post Registration Commissioning Reports (Pkg. 4)
  - Post registration process implemented June 2010
  - 73 commissioning reports processed from June to Dec. 2010
  - 94 commissioning reports processed YTD
  - 68 commissioning reports processed for metering installations registered between Sept. 2009 to June 2010
  - In summary, 235 commissioning reports have been processed since June 2010