

# Metering Installations Update

Revenue Metering Standing Committee  
October 28, 2010



# UPDATE - Registration Status

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

# UPDATE – Legacy Meter Replacement



- Legacy meter replacement with meter on the IESO Conforming Meter List was introduced Oct. 09 RMSC meeting
- MMP's have since replaced a large number of 'legacy' type meters with IESO conforming meters (not like-for-like meter replacement)
- Results are positive;
  - ION 7700 meter (last meter deregistered Sept. 28.10)
  - Quad4 meter (last meter deregistered Sept. 23.10)
  - PSI-S100/S200 recorders with induction type wh/varh meters (48 remain in service)
- ION 7700, Quad4 and DataStar recorders will no longer be supported by IESO systems
- Support for PSI-S100/S200 recorders will cease once the last recorder has been deregistered
- All non compliances related to seal expiry still apply (MACD)
- IESO will continue to monitor legacy meter replacement

# UPDATE - 2010 Initiatives

## Metering/Settlements



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

# UPDATE - 2010 Initiatives

## Metering/Settlements (cont'd)



- MR amendment – Maximum Adjustment Period (MAP) (agenda item)
- Process improvements
  - Post registration commissioning review process (completed Q2 – 2010)
  - Issuance of communication MTR's after 2<sup>nd</sup> consecutive day of failure (agenda item)
  - Update to IESO conforming meter testing process (deferred 2011)
  - Update to meter frameworks (on target – Q4 2010)
  - Update to MIRT and MVT (support for all IESO Conforming Meters) – (on target Q4 – 2010)
  - Enhanced MSP Web Page (completed Q2 – 2010)
- Support for GEA (on-going)