

Toward Time-of-Use

An IESO Smart Metering Entity Newsletter

June 2, 2011

"Toward Time-of-Use" is a newsletter for local distribution company (LDC) staff and service agents working with the Smart Metering Entity (SME) as well as other industry stakeholders.

Send an email to the [SME](#) to subscribe to the newsletter, provide feedback or submit general inquiries and story ideas. Visit the website (www.smi-ieso.ca) regularly for the latest SME news, information and documents.

The Smart Metering Entity introduces its first 'Quick Takes' bulletin

The SME has published a 'Quick Take' to address MDM/R Operational Best Practices. This Quick Takes issue is a compilation of a number of recommendations that will help LDCs understand and manage the interaction of their data with the MDM/R. This document, as well as our Technical Bulletins, is available through the SME website's "[Resources](#)" section.

IESO receives eMeter's Leadership Award for 3,000,000 meter achievement

The IESO was presented with the Leadership Award at this month's eMeter Leadership Conference for reaching the milestone of 3,000,000 meters enrolled in the MDM/R. [Read the full story...](#)

MDM/R Operations Working Group meetings to include one-hour teleconference for all LDCs

The MDM/R Operations Working Group will hold a teleconference for all LDCs during its June 7th meeting at 11:00 a.m.

The MDM/R Operations Working Group has held six meetings since forming in September 2010. The group will continue to hold open teleconferences during its meetings to update the LDC community about MDM/R operations.

For more information about the MDM/R Operations Working Group and to read its charter see the [SME website page](#). To obtain the call-in information for the teleconference, contact MDMR.OWG@ieso.ca.

Testing Pays Off for PUC Sault Ste Marie and Espanola Regional Hydro

PUC Sault Ste Marie and Espanola Regional Hydro integrated their Smart Meter read data with the MDM/R in January 2011. They share their story about their experiences in this interview. [Read the full story...](#)

Ask the Trainer: What impact do the Load Status indicator and Service Connected flag have on the meter read data sent from a Smart Meter to the MDM/R?

When a premise is disconnected Local Distribution Companies (LDCs) often remove the Service Connected flag and set the Load Status to 'No', and those indicators may be synchronized with the MDM/R. Some people believe that these indicators prevent meter read data from flowing to the MDM/R; however these settings have no impact on the receipt of meter read data into the MDM/R. They serve only to place the Service Delivery Point (SDP) on the BR02 Unauthorized Usage Report, indicating that meter read data is received when it seems to the MDM/R that the SDP is disconnected. This report is used by LDCs to determine if electricity theft may be taking place. Since the flags are only updated upon synchronization, there may be a delay in removing an indicator in the MDM/R, and an SDP may appear on the report when it has been

reconnected in the LDC's systems. Due to the nature of the report, it is often managed by the Collections department in an LDC.

Have a question for the SME? [Submit one online.](#)

(The SME website's "Ask the Trainer" page also includes previously submitted questions.)

Resources

(Note: Bullets below link to the websites or emails referenced.)

- [SME website](#)
 - [Ministry of Energy](#)
 - [Ontario Energy Board](#)
 - My LDC is in the MDM/R Registration and Enrolment process (mdmr.registration@ieso.ca)
 - My LDC is processing smart meter data in the MDM/R production system (mdmrsupport@service-now.ca)
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In general, each LDC must complete the following activities before billing its customers on TOU rates:

1. Its smart meters must be deployed;
2. It must be registered with the SME, test its systems with the MDM/R and transition to the MDM/R production system;
3. Its interval smart meter data must be flowing into the MDM/R production system on a daily basis;
4. LDC customers must be informed of their upcoming transition to TOU billing.

LDCs are also required to report their smart metering and TOU progress on a monthly basis to the Ontario Energy Board.

The IESO is responsible for managing Ontario's bulk electricity system and operating the wholesale electricity market. As the Smart Metering Entity, the IESO manages the Smart Metering Initiative's implementation, operates the provincial MDM/R and ensures LDC smart meter and IT systems integrate with it to support Ontario's TOU rate objectives.

If you would prefer not to receive this newsletter, please send an email to the [SME](#).