

Toward Time-of-Use

An IESO Smart Metering Entity Newsletter

Sept. 10, 2010

"Toward Time-of-Use" is a newsletter for Local Distribution Company (LDC) staff and service agents working with the IESO 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.

SME website redesign provides LDCs with easy access to information

The SME has redesigned its [website](#) to make information more accessible and support electricity distributors in their achievement of Smart Metering Initiative targets.

The IESO will hold two webinars Sept. 13 and Sept. 15 to demonstrate the site's features and also walk participants through various SME resources and services. [Click here](#) to find how to participate. [Read the full story...](#)

Smart meter data submission guidelines designed to ensure long-term MDM/R system efficiency

The SME is encouraging Local Distribution Companies (LDCs) to follow specific Meter Data Management and Repository (MDM/R) data submission guidelines to streamline related procedures and ensure their smart meter data is processed by the MDM/R efficiently and as scheduled. [Read the full story...](#)

Jumping in head first

Ron Brajovic, Milton Hydro's Manager of System Planning and Reliability, says the LDC has benefitted from the Smart Metering Initiative... [Read the full story...](#)

Ontario's smart meter network on track

More than 1.5 million meters are communicating with the province's Meter Data Management Repository (MDM/R), representing a significant step forward in the province's Smart Meter Initiative. [Read the full story...](#)

Ask the Trainer: Can a Universal Service Delivery Point Identification (USPD ID) that is assigned by the MDM/R production system on a specific day (for example, May 1) be included in the synchronization file the same day (May 1) or does it have to wait for the next day (May 2)?

The USP ID that is requested and assigned by the MDM/R on May 1 resides in the production system. If you are in the MDM/R production system you may include this USD IP in the synchronization file for May 1. If you are in the Quality Assurance or Sandbox environments the USDP IDs are transferred from production to these environments overnight and will be available the following day, which means the file that was requested May 1 may be included in the synchronization file May 2.

Do you have a question for the IESO SME trainer? [Submit a question online](#)

Industry News

Select from the headlines below to read the latest smart metering and energy management technology news from around the world.

- High-tech utility meters spark a fight ([Wall Street Journal, Sept. 9](#))
- US NIST publishes guide to smart grid cybersecurity ([ComputerWeekly.com, Sept. 6, US](#))

Resources

(Note: All bullets link to websites.)

- SME website
- Ministry of Energy and Infrastructure
- Ontario Energy Board
- I would like to help my LDC begin the MDM/R integration process (mdmr.registration@ieso.ca)
- My LDC is processing smart meter data in the MDM/R production system (mdmr.support@ieso.ca)

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 Meter Data Management and Repository (MDM/R) and ensures LDC smart meter and IT systems integrate with it to support provincial time-of-use (TOU) rate objectives.

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