

Toward Time-of-Use

An IESO Smart Metering Entity Newsletter December 15, 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.

Championing the transition from within

An interview with the managers leading Veridian's smart metering and time-of-use rollout initiatives

Rob Scarffe, Veridian's executive vice president, and Kevin Myers, the company's manager of wholesale settlements, lead one of Ontario's larger and more complex smart metering and time-of-use rollouts but used the initiative to transform Veridian's business operations. [Read the full story...](#)

SME launches MDM/R service desk and self-service portal

The SME has launched a new online Meter Data Management and Repository (MDM/R) service desk and self-service portal to further enhance its customer service and MDM/R support capabilities. As a result of the change, the new MDM/R support contact email, mdmr.support@service-now.com, should be used. [Read the full story...](#)

MDM/R guide revised to include more details about the self-certification process

The MDM/R testing and cutover guide has been updated to include more details about the sample test data LDCs should submit with their Self-Certification for Enrolment Testing form. [Read the full story...](#)

Ask the Trainer: What will happen if an LDC unintentionally omits an SDP during a Periodic Audit Synchronization?

The MDM/R will deactivate a Service Delivery Point (SDP) if an LDC unintentionally omits it during the Periodic Audit Synchronization (P-Synch) process. The MDM/R will also drop the meter read that is being transmitted to it, but will notify the LDC of the deactivation through a report.

A P-Synch is a snapshot of the current SDPs in an LDC's Customer Information System (CIS). It is typically sent by an LDC on a quarterly or biannual basis and the LDC will schedule it in advance with the SME. The P-Synch includes specific characteristics (or "attributes") of an SDP, including its meter identification and the type of usage data that is associated with it. It also indicates how those characteristics relate to each other. P-Synchs are not intended for daily changes and work similarly to traditional IT system data audits.

An LDC can re-activate the SDP by updating it in the company CIS and including the SDP in the next Incremental Synchronization (I-Synch) submission. I-Synchs, which only include new or changed SDPs, consist of smaller size files and are generally submitted on a daily basis.

Do you have a question for the IESO SME trainer? (mdmr.registration@ieso.ca)

Industry News

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

- British government to assume responsibility for smart meter rollout ([Metering.com, Dec. 14, US](#))
- China smart grid spending 2 trillion yuan, Securities says ([Bloomberg Business Week, Dec. 13, 2010, US](#))
- Households face higher bills for using home appliances at peak periods ([The Telegraph, Dec. 12, UK](#))

Resources

(Note: All bullets link to websites.)

- SME website
- Ministry of Energy
- 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 (mdmrsupport@service-now.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 MDM/R and ensures LDC smart meter and IT systems integrate with it to support provincial TOU rate objectives.

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