

Toward Time-of-Use

An IESO Smart Metering Entity Newsletter

February 25, 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.

TOU rollout brings new considerations for merging LDCs

LDCs that are undergoing or considering mergers are being faced with a number of new considerations as they rollout smart meters and time-of-use (TOU) rates. [Read the full story...](#)

OEB grants the IESO five-year SME licence

The OEB has granted the IESO the SME licence for a five-year term to January 2016. [Read the full story...](#)

Ask the Trainer: How long does the Meter Data Management and Repository store data?

At this time, meter read data that has gone through validation, estimation and editing (VEE) processes will be retained online for up to 26 months. Both current and prior versions of interval data will be stored and register read data, which is not subjected to VEE processes at this time, will also be stored.

Offline retention is governed by Canada Revenue Agency (CRA) and Measurement Canada regulations. The CRA requires data to be retained offline for a minimum of six years from the end of the related fiscal period for GST/HST purposes. Measurement Canada requires data to be retained offline for at least 12 months after any meter ceases to be used.

Billing quantity data must be available to support Measurement Canada's dispute resolution process and for income tax purposes. Data retention requirements are also governed by a number of sections of the [MDM/R Functional Specification](#), which is available on the SME website on its [Design and Standards](#) page.

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

Industry News

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

- Smart grid panel agrees on standards ([IndustryWeek](#), Feb. 25, US)
- South Korea to invest \$7.18 billion in smart grid ([Fast Company](#), Feb. 18, US)
- Ontario a bright light for smart grid innovation [[Toronto Star](#) (column), Feb. 18]

Resources

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

- SME website
- Ministry of Energy
- Ontario Energy Board

- MDM/R Registration and Enrolment: mdmr.registration@ieso.ca
 - MDM/R Operations: 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 the Ontario's time-of-use (TOU) rate objectives.

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