



Power to Ontario. On Demand.

IESO SENIOR MANAGEMENT UPDATE

To: Stakeholder Advisory Committee

Date: June 3, 2009

Subject: **Briefing note on Meter Data Management & Repository (MDM/R) and Time of Use Rates**

Information Item

Stakeholdering

- Working with stakeholders (distributors, Electrical Distributors Association (EDA) and the IESO) on the governance of the Smart Metering Entity (SME).
 - A committee was formed early in 2009 to consider alternative structures and governance models for the SME. Organizations represented on the committee include the EDA, the IESO, Hydro One, Toronto Hydro, Hydro Ottawa, London Hydro, Chatham-Kent Hydro, Collus Power and Thunder Bay Hydro.
 - A number of meetings have taken place and further meetings have been scheduled.

Ministry

- Have been working with the Ministry of Energy and Infrastructure since last October to develop an accelerated TOU rollout plan. Goals of the revised plan were communicated throughout the province about two weeks ago.
- Calls for ~3.6 million residential and small general service (<50 kW) customers to be enabled for TOU billing by May of 2011.
- IESO and Ministry staff are in the process of reviewing individual LDC targets to finalize their component commitments to the overall plan targets.

OEB Activities

- Extended the SME interim license through September 30, 2009.
- All discussions and processes around the enduring SME license and the structure/amount of the Smart Metering Charge (SMC) are waiting on the final determination of the SME governance model and related SME-LDC Agreement.

Status Update: Ontario MDM/R - Production Operation and Testing

- Newmarket, Milton, Chatham Kent and Tay continue to be the four LDCs operating in the MDM/R Production environment, with interval data from approximately 50,000 of their smart meters being received and processed every day.
- Software Release 6.1 was promoted to the Production environment in April. You may recall this release was foundational to moving forward with the enrolment of additional LDCs beyond the initial four.
- Software Release 6.3 is now undergoing tests and, if all goes well, it is targeted for promotion into the Production environment by the end of July.
- Newmarket and Tay
 - Newmarket continues to bill its first set of customers on a monthly basis using MDM/R consumption data.
 - Newmarket plans to move additional TOU billed customers (one billing cycle at a time) to MDM/R consumption data beginning shortly.
 - Tay will also gradually start billing its customers on TOU rates using MDM/R consumption data.
- Milton
 - Continue to bill its first set of customers on a monthly basis using MDM/R consumption data.
 - Planning to bill all their customers on TOU rates using MDM/R consumption data this summer.
- Hydro Ottawa has resumed unit testing with the MDM/R.
- Currently conducting enrollment testing with PowerStream. Expectation is that they will be cutover to the Production environment in late May. Initial operation of PowerStream with the MDM/R will only involve a small subset of its ~300,000 installed smart meters. A steady ramp up of the registration of their smart meters is scheduled to begin in the late summer.
- Horizon has resumed their MDM/R enrolment testing with a target date of late June for cutover to the Production environment.
- Performing joint testing with Toronto Hydro to understand how the MDM/R needs to be configured to properly handle some of the operational behaviours of the Elster AMI technology.
- Hydro One and Veridian are conducting various elements of unit testing in our MDM/R Sandbox environment.