

IESO SENIOR MANAGEMENT UPDATE

To: Stakeholder Advisory Committee

Date: January 20, 2010

Subject: **Meter Data Management & Repository (MDM/R) and Time-of-Use Rate Briefing Note**

Information Item

Stakeholder & Government Relations

- The IESO continues to work with the Electricity Distributors' Association (EDA) and LDCs to finalize the Meter Data Management and Repository (MDM/R) SME-LDC agreement, and its related Terms of Service. The agreement establishes the MDM/R administration and operations relationship between the SME and participating LDCs.

Procurement

- The IESO completed its evaluation of vendor proposals for a central MDM/R Web Presentment Portal (WPP) in December. A review of the need for an IESO-provided capability is in progress and will determine whether the MDMD/R WPP will be implemented by the IESO.

OEB Activities

- The IESO is finalizing its proposed cost-recovery model and fee proposal in relation to the work to procure, place into service and operate the MDM/R. The IESO expects to file related Smart Metering Charge (SMC) and SME license applications with the Ontario Energy Board in Q1 2010.

Provincial MDM/R Production Operations Status

- The following eight LDCs are operating in the MDM/R production operations environment:
 - Chatham-Kent Hydro
 - Horizon Utilities Corporation
 - Hydro One



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- Milton Hydro Distribution
 - Newmarket-Tay Power Distributionⁱ
 - PowerStream
 - Toronto Hydro Electric System
 - Veridian Corporation
- As a result their integration with the MDM/R, meter read data from more than 280,000 smart meters is being received and processed by the MDM/R each day.

Training and Support

- The IESO is introducing new workshops and training courses throughout 2010 to support LDCs as they prepare for TOU billing. The IESO SME team held its first Project Planning Workshop – which outlines the key activities and timelines involved in building an MDM/R integration project plan – in December.
- A workshop about how the MDM/R and smart meters impact LDC business processes will be delivered for the first time later this month.
- Beginning this spring, and as in previous years, the IESO will hold introductory and technical workshops at different locations throughout the province.

MDM/R System Status

- The IESO recently began a MDM/R hardware upgrade that will provide the system capacity needed for the full complement of provincial smart meters and TOU customers. The upgrade is scheduled to be completed in early February.
- The MDM/R vendor software release that will satisfy all of the outstanding functional requirements specified in the original vendor contract is scheduled to be tested and installed in the production operations environment by the spring of 2010.

ⁱ The IESO tracks Newmarket-Tay Power Distribution's MDM/R operations according to the pre-merger service territories of Newmarket Hydro Limited and Tay Hydro Electric Distribution Company Inc. The pre-merger companies are among the "Original 13" LDCs involved in the Smart Metering Initiative and first to integrate with the MDM/R.