

Monitoring Report Smart Meter Deployment and TOU Pricing – August 2010

October 25, 2010

Purpose and Objective

This report summarizes the activities by licensed distribution companies with respect to the implementation of smart meters and Time of Use (TOU) pricing for Regulated Price Plan (RPP) consumers during the period July 1, 2010 through August 31, 2010.

On August 4 the Board issued a determination that set mandatory dates by which distributors must complete certain activities required for the implementation of Time-Of-Use (TOU) billing. There are three important activities that a distributor must undertake to implement TOU pricing. These three activities are meter installation, smart meter enrolment with the MDM/R (Meter Data Management Repository), and activation of TOU pricing within their service area.

In order to monitor progress towards meeting the requirements of the determination, the Board is requiring distributors to submit monthly reports on MDM/R (Meter Data Management Repository) enrolment testing, the meter enrolment process and the outlook for meeting their mandatory TOU dates. In order to complete the MDM/R enrolment process, distributors need to complete ten milestones activities; including internal system testing and system integration testing with the MDM/R. As part of the monitoring of distributors' progress, the Board has also required distributors to report on these specific milestones. Further, the Board is also requiring the Smart Meter Entity ("SME") to submit monthly reports regarding its status and readiness in supporting the implementation of TOU billing.

This report provides a summary of the activities undertaken by licensed distribution based on the new filing requirements and reflects the mandatory TOU implementation requirements.

Summary

- As of August 31, 2010 there were 4,284,391 installed smart meters and 947,064 customers on TOU billing.
- In its monthly report, the SME states that it "sees no impediments at this time to either the MDM/R system or the SME providing appropriate or adequate support to distributor enrolment and the implementation of TOU billing under the Board's TOU mandate."

- Distributors remain approximately on target to meet the Government of Ontario's target of having 3.6 million RPP consumers billed on a TOU basis by June 2011:
 - 41 distributors (representing 3,987,512 customers) have June 2011 mandatory dates,
 - 4 of these distributors (representing 317,728 customers) have indicated that they expect to make an application to the Board to change their mandatory date, and
 - Hydro One Networks has applied to the Board for an exemption from its mandatory date that would exclude approximately 150,000 customers that are currently outside the reach of Hydro One's smart meter telecommunications infrastructure.
- Milton Hydro has completed TOU roll-out for all of its eligible RPP customers.
- Newmarket-Tay Power Distribution has completed TOU roll-out for all of its residential customers and is proceeding with its eligible RPP general service customers.
- 19 distributors (representing 416,475 customers) reported they were behind schedule on one or more SME milestones (e.g. scheduling enrolment testing, unit testing, system integration testing) but have confirmed that they do not expect the delay to impact their ability to meet their mandatory TOU date
- 8 distributors (representing 80,728 customers) reported they were behind schedule on one or more SME milestones (e.g. scheduling enrolment testing, unit testing, system integration testing), but it has not yet been determined whether this will impact their ability to meet their mandatory TOU date
- 9 distributors (representing 424,237 customers), including the 4 with a June 2011 mandatory date, have indicated that they will be making an application to the Board to extend their mandatory date.
- 11 distributors (representing 266,860 customers) reported SME confirmed enrolment testing dates that are not consistent with their mandatory enrolment testing date. None expect that this will impact their ability to meet their TOU date.
- 17 distributors (representing 362,880 customers) have not scheduled an enrolment testing date

Distributor Progress in Smart Meter Deployment and TOU Implementation

	Previous Total	Added This Period	Current Total	Percent of June 2011 Target Achieved
Smart Meters Installed	4,085,230	199,161	4,284,821	92%
Smart Meters Enrolled with MDM/R	983,743	569,424	1,553,414	33%
Customers on TOU Billing	784,750	162,314	948,892	20%

Distributor Progress in MDM/R Enrolment

	Previous Total ¹	Added this Period ²	Current Total
SME Registration Application Submitted	-	-	65
LDCs Scheduled for Enrolment Testing (submitted project plan and confirmed date with SME)	-	-	30
LDCs in Enrolment Testing	-	-	2
LDCs in Production (completed enrolment testing)	-	-	10

- In subsequent reports, as the Board continues to monitor progress on smart meter deployment and TOU billing, the Board will provide more detailed analysis regarding the progress of individual distributors towards meeting their mandatory TOU date when and if circumstances warrant

¹ This information was not previously collected.

² This information was not previously collected.