

Monitoring Report Smart Meter Deployment and TOU Pricing – September 2010

November 10, 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 September 30, 2010 there were 4,382,194 installed smart meters and 1,105,378 customers on TOU billing.
- In its monthly report, the SME states that it "is currently 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,
 - 2 of these distributors (representing 258,032 customers) have indicated that they expect to make an application to the Board to change their mandatory date;
 - 2 of these distributors (representing 60,430 customers) have applied 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.

- 28 distributors (representing 428,853 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

- 7 distributors (representing 166,503 customers), including the 2 with a June 2011 mandatory date but excluding Hydro One, have applied to the Board to extend their mandatory date.

- 13 distributors (representing 312,010 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.

- 10 distributors (representing 215,292 customers), down from 17 (representing 362,880 customers) as of the end of August, have not yet contacted the SME to schedule 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	4,284,821	97,373	4,382,194	94%
Smart Meters Enrolled with MDM/R	1,553,414	164,402	1,717,816	37%
Customers on TOU Billing	948,892	156,486	1,105,378	24%

Distributor Progress in MDM/R Enrolment

	Previous Total	Added this Period	Current Total
SME Registration Application Submitted	65	3	68
LDCs Scheduled for Enrolment Testing (submitted project plan and confirmed date with SME)	30	1	31
LDCs in Enrolment Testing	2	0	2
LDCs in Production (completed enrolment testing)	10	1	11

- 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