

Monitoring Report Smart Meter Deployment and TOU Pricing – November 2010

January 6, 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 November 1, 2010 through November 30, 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 November 30, 2010 there were 4,531,016 installed smart meters and 1,408,952 customers on TOU billing.
- In its monthly report, the SME states that it "remain(s) confident that (it) can continue to adequately support 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:
 - Of the 41 distributors (representing 3,987,512 customers) that have June 2011 mandatory dates:
 - 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.
- Upon reviewing the November reports staff identified 7 LDCs that displayed limited progress towards accomplishing MDM/R enrolment activities (e.g., had fallen behind schedule or rescheduled enrolment testing dates):
 1. Sioux Lookout
 2. Norfolk Power
 3. Kingston Hydro
 4. Kenora
 5. Hearst
 6. Greater Sudbury
 7. COLLUS

Board staff followed up with of these LDCs requesting further information regarding their delays in TOU implementation. Sioux Lookout, Norfolk, Kingston Hydro, Kenora, and Hearst all provided an explanation of their delays and confirmed their commitment to achieving their mandatory TOU date. Greater Sudbury and COLLUS have not yet responded.

- A total of 10 distributors (representing 255,376 customers), including 4 with a June 2011 mandatory date but excluding Hydro One¹, have applied to the Board to extend their mandatory date:
 1. Algoma Power Inc.
 2. Cambridge and North Dumfries
 3. Canadian Niagara Power: Fort Erie
 4. Cooperative Embrun
 5. Eastern Ontario Power
 6. ENWIN
 7. Grimsby Power
 8. Port Colborne

¹ Hydro One has only requested a partial exemption and is therefore not included in this list.

- 9. Thunder Bay Hydro
- 10. Westario Power

- 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. The decision in this application is pending.
- 1 distributor (Enersource), representing 187,026 customers, has indicated that they expect to make an application to the Board to change their mandatory date.
- A total of 6 distributors (representing 169,505 customers) had no enrolment testing date scheduled with the SME as of November 30, 2010:
 - 1. Algoma Power Inc.
 - 2. Clinton Power
 - 3. ENWIN
 - 4. Enersource
 - 5. Niagara Peninsula Energy
 - 6. Westario Power

Of these six distributors two have mandatory enrolment testing dates under the Board's determination (Niagara Peninsula Energy and Westario Power). Board staff followed up with the SME who confirmed Niagara Peninsula had since submitted a project plan; Niagara Peninsula will miss its mandatory enrolment testing date by three months but confirmed it will achieve its mandatory TOU date. Clinton and Enersource had previously submitted project plans which are no longer viable. Clinton has since submitted a new project plan and has confirmed it will meet its TOU date. As noted above, Enersource indicated it expects to apply for a new mandatory TOU date. Algoma, ENWIN and Westario have applied for extensions on their mandatory TOU date.

Last month staff followed up with 15 distributors who had not yet submitted a project plan to the SME (except those who are currently proceeding with and application to extend their mandatory TOU date) including Niagara Peninsula and Clinton Power. 14 have now submitted a project plan to the SME and one has applied to the Board to extend its mandatory TOU date.

Distributor Progress in Implementation

	Previous Total	Added This Period	Current Total	Percent of June 2011 Target Achieved
Smart Meters Installed	4,463,439	67,577	4,531,016	126 %
Smart Meters Enrolled with MDM/R	1,820,776	152,966	1,973,742	55 %
Customers on TOU Billing	1,266,888	142,064	1,408,952	39 %

Distributor Progress in MDM/R Enrolment

	Previous Total	Added this Period	Current Total
SME Registration Application Submitted	73	4	77
LDCs Scheduled for Enrolment Testing (submitted project plan and confirmed date with SME)	39	4	43
LDCs in Enrolment Testing	7	1	8
LDCs in Production (completed enrolment testing)	11	2	13

Distributors With Customers on TOU Billing

Distributor	RPP-eligible customers	Customers on TOU Billing	% of Customers on TOU Billing
Chatham-Kent Power	31,361	16,472	53%
Horizon Utilities	231,827	129,236	56%
Hydro One Networks	1,190,684	443,162	37%
Hydro Ottawa	296,860	27,613	9%
Milton Hydro	27,364	27,364	100%
Newmarket-Tay Power Distribution	31,953	26,648	83%
Oakville	61,863	373	1%
Peterborough Distribution Inc.	34,726	188	1%
Powerstream Inc.	316,208	196,472	62%
Toronto Hydro	691,032	500,000	72%
Veridian Connections	111,314	41,424	37%
Total	3,025,192	1,408,952	-