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January 8, 2010

Ontario Energy Board  
P.O. Box 2319  
27<sup>th</sup> Floor  
2300 Yonge Street  
Toronto, ON M4P 1E4

Attention: Ms. Kirsten Walli  
Board Secretary

**Subject: Haldimand County Hydro Inc.: Smart Meter/TOU Filing**

Dear Ms. Walli:

Haldimand County Hydro's intent is to implement a plan that includes our customers being billed on Time-of-Use by the end of 2011. We are currently deploying our smart meters with the goal to be in a position where we are integrated to the provincial MDMR by the end of 2010. Based upon the results of the integration to the provincial MDMR, the stability of our AMI network and the status of our daily operations and training of staff with the provincial MDMR; Haldimand County Hydro will make a decision as to when to implement customers on Time-of-Use to best accommodate the implementation of Time-of-Use from a customer service and systems perspective and fully migrate all customers to Time-of-Use billing.

As of December 31, 2009, the status of our deployment of smart meters in Haldimand County, the integration of the meters and systems with the provincial meter data management and meter data repository (MDM/R), and the plan for implementing TOU and billing RPP-eligible consumers is outlined in the attached appendices.

If there are any questions, please contact me at 905-765-5344 (ext. 2243) or [egalinski@hchydro.ca](mailto:egalinski@hchydro.ca) or our Paul Heeg, Meter Supervisor (ext. 2247) or [pheeg@hchydro.ca](mailto:pheeg@hchydro.ca).

Yours truly,  
**HALDIMAND COUNTY HYDRO INC.**

*Original Signed by Ed Galinski*

Ed Galinski, P. Eng.  
Engineering Manager

EG: nm

Attached

- Appendices A, B & C

## Appendix A

### Baseline Report: Part I

1. *"Please indicate whether you have entered into any contracts with an advanced metering infrastructure ("AMI") system vendor. If so, please provide the name of the vendor, the date of the contract, and the percentage of your total number of smart meters that will be acquired from the vendor. If you have entered into contracts with multiple vendors, please provide the requested information for each vendor."*

**Response:**

AMI Contract: Agreement signed as of July 8, 2009.

Vendor: Sensus Metering Systems Inc.

Contract Date: Vendor negotiations have been completed and the contract has been signed by both parties.

Percentage to be acquired: 100%

2. *"Please indicate whether you have started to install smart meters for RPP-eligible consumers in your service area. If so, please indicate the following: (a) the date on which you started that deployment; (b) the total number of RPP-eligible consumers, by customer class; (c) the number of smart meters that have been installed for RPP-eligible consumers, by customer class; and (d) the percentage of each such customer class for which smart meters have been installed."*

**Response:**

Installation begun: Yes

a) Date mass installation began: July 22, 2009

b) Total number of RPP-eligible consumers, by customer class:

i) General Service <50 kW DRC exempt: 1

ii) General Service <50 kW: 2,360

iii) General Service <50 kW multi-residential: 5

iv) Residential Suburban: 5,753

v) Residential Urban: 12,538

c) Number of smart meters that have been installed for RPP-eligible consumers, by customer class:

i) General Service <50 kW DRC exempt: 0

ii) General Service <50 kW: 1,247

iii) General Service <50 kW multi-residential: 1

iv) Residential Suburban: 4,763

v) Residential Urban: 11,778

d) The percentage of each such customer class for which smart meters have been installed:

- i) General Service <50 kW DRC exempt: 0.00%
  - ii) General Service <50 kW: 52.84%
  - iii) General Service <50 kW multi-residential: 20.00%
  - iv) Residential Suburban: 82.79%
  - v) Residential Urban: 93.94%
3. *"Please indicate if you have started to deploy any AMI systems or structures? If so, please indicate the status of your AMI system and when it will be fully operational. If not, please indicate when you plan to start to deploy AMI systems or structures, and the date by which you plan to have the AMI system fully operational."*

**Response:**

Installation has begun on AMI systems/structures: Yes

Current Status: AMCC and AMRC are installed. Smart meter installation began July 22, 2009

Target installation completion date: December 31, 2009. Mass deployment of residential meters is complete. Installation of hard to access, GS<50 customers and transformer rated meters are to be completed by July 1, 2010.

4. *"Please indicate whether you have started to integrate your meters and systems with the provincial MDM/R. If so, please identify: (a) the status of that integration, based on the following four steps of the MDM/R integration process: testing, meter registration, meter data, billing data acquisition; and (b) the date on which you plan to have the integration completed. If not, please indicate when you plan to start to integrate your meters and systems with the provincial MDM/R and the date on which you plan to have the integration completed."*

**Response:**

We have not begun integration with the provincial MDM/R.

a) Planned date to begin integration: January 1, 2010

b) Planned integration completion date: December 31, 2010

Staff has begun MDM/R training sessions. Util-Assist has also been retained for training and consulting services.

5. *"Please indicate whether you have started to make changes to your business processes and systems related to MDM/R and TOU implementation, including your Customer Information Systems ("CIS"), that may be required to implement TOU billing. If so, please provide the current status of those changes and the date on which the necessary changes are planned to be completed. If not, please indicate when you plan to start making any necessary changes and when those changes are planned to be completed."*

**Response:**

We have not begun to make changes to our business processes and systems related to MDM/R and TOU.

Planned Start Date: March 1, 2010

Planned Completion Date: October 30, 2010

6. *“Please indicate whether you have developed a plan for the implementation of web presentment of TOU data to each RPP-eligible consumer requesting the data. If so, please describe that plan. If not, please indicate when you expect to develop that plan.”*

**Response:**

We are interested in learning more about the IESO web presentment options that will be available to utilities and await further information before developing a more detailed plan.

7. *“Please indicate whether you have started to implement a consumer education program with respect to the implementation of TOU pricing and billing for RPP-eligible consumers. If so, please provide the date on which the first consumer education material was provided to RPP-eligible consumers. If not, please indicate the date(s) on which you plan to commence the delivery of consumer education materials.”*

**Response:**

Our Smart Meter Information Booklet (left with customers at the time of Smart Meter installation) does provide education on TOU rates. Our intent is to provide further TOU education closer to the implementation date for TOU rates. Our Smart Meter mass rollout began July 22, 2009.

## Appendix B

### Baseline Report: Part II

The following form has been completed using actual information to December 31, 2009 and planned information from January 1, 2010 to June 30, 2011, based on the last day of the month.

	<b>Residential</b>				<b>GS&lt;50kW</b>			
Month	Meters Installed	Meters Enrolled	ToU Notice Sent	ToU Billing	Meters Installed	Meters Enrolled	ToU Notice Sent	ToU Billing
Apr 09	12	0	0	0	8	0	0	0
May 09	14	0	0	0	9	0	0	0
June 09	36	0	0	0	18	0	0	0
July 09	912	0	0	0	34	0	0	0
Aug 09	3,756	0	0	0	201	0	0	0
Sept 09	7,187	0	0	0	501	0	0	0
Oct 09	10,885	0	0	0	754	0	0	0
Nov 09	14,856	0	0	0	1,125	0	0	0
Dec 09	16,541	0	0	0	1,248	0	0	0
Jan 10	16,891	0	0	0	1,472	0	0	0
Feb 10	17,241	0	0	0	1,696	0	0	0
Mar 10	17,591	0	0	0	1,920	0	0	0
Apr 10	17,941	0	0	0	2,143	0	0	0
May10	18,291	0	0	0	2,366	0	0	0
June 10		0	0	0		0	0	0
July 10		0	0	0		0	0	0
Aug 10		0	0	0		0	0	0
Sep 10		0	0	0		0	0	0
Oct 10		0	0	0		0	0	0
Nov 10		0	0	0		0	0	0
Dec 10		18,291	0	0		2,366	0	0
Jan 11			0	0			0	0
Feb 11			0	0			0	0
Mar 11			0	0			0	0
Apr 11			9,145	0			1,183	0
May 11			18,291	0			2,366	0
June 11				18,291				2,366

## Appendix C

### Second Quarter Reporting

<b>Distributor name:</b> Haldimand County Hydro Inc.			
<b>Second Quarterly Reporting:</b> As of December 31, 2009			
	RPP-eligible Consumers: Residential Class	RPP-eligible Consumers: General Service Less Than 50kW Class	Total
Total number of RPP-eligible consumers	18,291	2,366	20,657
Number of smart meters installed in the quarter	9,354	747	10,101
Number of smart meters registered with the MDM/R in the quarter	0	0	0
Number of RPP consumers being charged TOU prices added in the quarter	0	0	0
Total cumulative number of smart meters installed in the service area at the end of the quarter	16,541	1,248	17,789
Total cumulative number of smart meters registered with the MDM/R at the end of the quarter	0	0	0
Total cumulative number of consumers being charged TOU prices at the end of the quarter	0	0	0
Percentage of total RPP-eligible consumers with smart meters installed at the end of the quarter	90.43%	52.75%	86.17%
Percentage of total smart meters installed that are registered with the MDM/R at the end of the quarter	0	0	0
Percentage of total RPP-eligible consumers being charged TOU prices at the end of the quarter	0	0	0

In addition, confirmation of the following should be provided in the report for the relevant quarter in which the activity occurred:

- i. Date on which MDM/R testing was completed.

**Response:**

No activity in second quarter.

- ii. Date on which AMI system installation and integration was completed.

**Response:**

No activity in second quarter.