



CAMBRIDGE AND NORTH DUMFRIES HYDRO INC.
1500 Bishop Street, P.O. Box 1060, Cambridge, ON N1R 5X6
Phone: 519-621-8405, Ext. 2355 Fax: 519-621-0383

August 2, 2012

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 26th Floor
Toronto, ON M4P 1E4

Dear Ms. Walli:

**Re: Cambridge and North Dumfries Hydro Inc. (OEB License ED-2002-0574)
2012 Smart Meter Cost Recovery Application – Final Disposition
EB-2012-0086
Applicant's Draft Rate Order Filing**

As provided for in the Decision and Order for an Electricity Distribution Rate Change dated July 26, 2012, please find enclosed Cambridge and North Dumfries Hydro Inc.'s Draft Rate Order Filing.

An electronic version of this response has been filed through the OEB's web portal and two paper copies have been sent by courier to the Board office.

If you require additional information or clarification, please contact:

Grant Brooker
Manager, Regulatory Affairs,
Cambridge and North Dumfries Hydro Inc.
Tel 519.621.8405 Ext 2340

Sincerely,

CAMBRIDGE AND NORTH DUMFRIES HYDRO INC.

Original signed by Grant Brooker

For

John W. Grotheer
President and CEO

CC Vulnerable Energy Consumers Coalition
Michael Janigan

Draft Rate Order Filing

Cambridge and North Dumfries Hydro Inc. ("CND") is a licensed electricity distributor regulated by the Ontario Energy Board ("OEB" or "the Board") under the *Ontario Energy Board Act, 1998*. CND holds Electricity Distribution License No. ED-2002-0574 and provides services to customers in the City of Cambridge and in the Township of North Dumfries. CND submitted a Smart Meter Cost Recovery Application ("the Application") on March 27, 2012, in which it sought Board approval for the disposition and recovery of costs related to its smart meter deployment.

CND requested approval of a proposed Smart Meter Disposition Rider ("SMDR") and a Smart Meter Incremental Revenue Requirement Rate Rider ("SMIRR") effective July 1, 2012 to recover its smart meter expenditures which had been partially off-set by Smart Meter Funding Adder ("SMFA") revenues collected from May 1, 2006 to April 30, 2012. The Application was based on the Board's policies and practice with respect to the recovery of smart meter costs and, in particular, Guideline G-2011-0001, Smart Meter Funding and Cost Recovery - Final Disposition, December 15, 2011 ("the Guidelines").

The Board issued its Letter of Direction and Notice of Application and Hearing on April 9, 2012, indicating that the Application would be considered by the Board by way of a written hearing. The Vulnerable Energy Consumers Coalition ("VECC") requested and was granted intervenor status and cost award eligibility.

Board staff and VECC filed interrogatories on May 18, 2012 and CND filed its responses on May 29, 2012.

Board staff filed its Submission on June 12, 2012 and VECC filed its Submission on June 13, 2012. CND filed its Reply Submission on June 20, 2012, responding to the issues raised by Board staff and VECC in their respective submissions.

The Board issued its Decision and Order in this matter on July 26, 2012 and directed CND to establish the SMDRs and the SMIRRs based on a 20-month recovery period from September 1, 2012 to April 30, 2014 rather than the 22-month period from July 1, 2012 to April 30, 2014 originally applied for. May 1, 2014 is the anticipated date of CND's next cost of service rate order. CND was also directed to accommodate within the SMDR, the applicable revenue requirement (SMIRR) amount related to the period from May 1, 2012 to August 31, 2012. Table 1 below indicates the revised rates calculated according to the direction provided in the Decision and Order.

Table 1: Original and Revised SMDRs and SMIRRs										
Class	SMDR (\$/month, for 22 months)				20 months	SMIRR (\$/month)				20 months
	Original	Revised			Final Rate Order	Original	Revised			Final Rate Order
		Board staff IR #11	VECC IR #9	Per Final Submission (No Change)			Board staff IR #11	VECC IR #9	Per Final Submission IESO-SME Removed	
Residential	(\$0.06)	(\$0.38)	(\$0.40)	(\$0.40)	\$0.00	\$1.67	\$1.67	\$1.66	\$1.21	\$1.33
GS < 50 kW	(\$0.16)	\$3.07	\$3.28	\$3.28	\$4.85	\$3.76	\$3.76	\$3.83	\$3.38	\$3.72
The Final Rate Order Rates are calculated as \$ per customer per month for a period of 20 months, September 1, 2012 to April 30, 2014.										

The Decision and Order also directed CND to file detailed supporting material, including all relevant calculations showing the impacts of the Decision and Order on CND's class specific smart meter revenue requirements and the determination of the updated SMDRs and SMIRRs in its draft Rate Order filing.

As such please find attached Exhibit A which is the smart meter model for residential customers, filed with CND's Final Submission, updated as follows:

CND divided the Smart Meter Incremental Revenue Requirement of \$1,225,334.30 (from Tab 9 of the model at cell G72) by 12 to determine the monthly amount of \$102,111. This amount was entered into the model on Tab 8 - Funding Adder Revenues - for each of the four months May, June, July and August 2012 to increase the amount of the Net Deferred Revenue Requirement or to effectively reduce the amount of revenue received from previous Smart Meter Funding Adders. Once the applicable revenue requirement amount related to the period May 1 to August 31, 2012 is accommodated within the SMDR, the rate to recover is \$0.0007, an increase of \$.40 from the SMDR of (\$0.40) per month per Residential customer filed in CND's Final Submission. The calculation of \$0.0007 is derived from \$622.99 divided by 46,067 Residential customers divided by 20 months = \$0.0007. Because the amount is not material, CND will not be applying for recovery and has indicated a rate of \$0.00 in Table 1 above.

The SMIRR of \$1.33 as shown in Table 1 above is calculated as follows:
\$1,225,334.30 (as mentioned above) divided by the number of residential customers and divided by 20 months (from the previous 22 months used in the calculation).
\$1,225,334.30 divided by 46,067 divided by 20 months = \$1.33 per month for the period September 1, 2012 to April 30, 2014.

Please find attached Exhibit B which is the smart meter model for General Service <50 kW customers, filed with CND's Final Submission, updated similarly to the Residential model as follows:

CND divided the Smart Meter Incremental Revenue Requirement of \$345,211.48 (from Tab 9 of the model at cell G72) by 12 to determine the monthly amount of

\$28,768. This amount was entered into the model on Tab 8 – Funding Adder Revenues - for each of the four months May, June, July and August 2012 to increase the amount of the Net Deferred Revenue Requirement or to effectively reduce the amount of revenue received from previous Smart Meter Funding Adders. Once the applicable revenue requirement amount related to the period May 1 to August 31, 2012 is accommodated within the SMDR, the rate is \$4.85, an increase of \$1.57 from the SMDR of \$3.28 per month per General Service <50 kW customer filed in CND's Final Submission. The calculation of \$4.85 is \$450,502.87 divided by 4,642 customers divided by 20 months = \$4.85.

The SMIRR of \$3.72 as shown in Table 1 above is calculated as follows:
\$345,211.48 (as mentioned above) divided by the number of GS <50 customers and divided by 20 months (from the previous 22 months used in the calculation).
 $\$345,211.48 \div 4,642 \div 20 \text{ months} = \$3.72 \text{ per month for General Service customers } <50 \text{ kW for the period September 1, 2012 to April 30, 2014.}$

In addition, the Board directed CND to file with the Board, and the intervenor, VECC, a proposed Tariff of Rates and Charges reflecting the Board's findings in their Decision and Order. The proposed Tariff of Rates and Charges effective September 1, 2012 is attached as Exhibit C. The only change from the May 1, 2012 Tariff of Rates and Charges is the inclusion of the SMDR and the SMIRR as applicable.

And finally, included in the Decision and Order was the requirement for CND to show customer rate impacts comparing the rates effective May 1, 2012 to those proposed to be effective September 1, 2012. Please see Exhibit D, the customer rate impact schedule at typical consumption levels for the Residential and General Service <50 customer classes. The spreadsheets indicate that at a consumption level of 800 kWh, a Residential customer will experience an increase of \$1.35 or 1.2%. For a General Service <50 customer with consumption of 2,000 kWh, the increase is \$8.72 or 3.4%.

CONCLUSION

CND requests Board approval of its SMDR and SMIRR rates as per the Final Rate Order as indicated in Table 1.

Respectfully submitted August 2, 2012.

EXHIBIT A (Residential)

To Draft Rate Order

Cambridge and North Dumfries Hydro Inc. EB-2012-0086



Ontario Energy Board

Smart Meter Model

[Cambridge and North Dumfries Hydro]
Canadian Niagara Power Inc. - Eastern

Choose Your Utility:

Application Contact Information

Name:	Grant Brooker
Title:	Manager, Regulatory Affairs
Phone Number:	519.621-8405 ext 2340
Email Address:	gbrooker@camhydro.com
We are applying for rates effective:	May 1, 2012
Last COS Re-based Year	2010

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD

Copyright

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results. The use of any models and spreadsheets does not automatically imply Board approval. The onus is on the distributor to prepare, document and support its application. Board-issued Excel models and spreadsheets are offered to assist parties in providing the necessary information so as to facilitate an expeditious review of an application. The onus remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data

Smart Meter Installation Plan

Actual/Planned number of Smart Meters installed during the Calendar Year

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast	Total
Residential				7,205	38,304	558		46067
General Service < 50 kW				0	0	0		0
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	7205	38304	558	0	46067
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	15.64%	98.79%	100.00%	0.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed								0
Other (please identify)								0
Total Number of Smart Meters installed or planned to be installed	0	0	0	7205	38304	558	0	46067

1 Capital Costs

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

1.1.1 Smart Meters (may include new meters and modules, etc.)

1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)

1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)

1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)

Total Advanced Metering Communications Devices (AMCD)

Asset Type

Asset type must be selected to enable calculations

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Smart Meter				920,774	3,892,745	298,758		\$ 5,112,278
Smart Meter					313,999	0		\$ 313,999
								\$ -
								\$ -
Total Advanced Metering Communications Devices (AMCD)	\$ -	\$ -	\$ -	\$ 920,774	\$ 4,206,744	\$ 298,758	\$ -	\$ 5,426,277

1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

1.2.1 Collectors

1.2.2 Repeaters (may include radio licence, etc.)

1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)

Total Advanced Metering Regional Collector (AMRC) (Includes LAN)

Asset Type

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Smart Meter			110,220	204,683				\$ 314,903
								\$ -
								\$ -
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)	\$ -	\$ -	\$ 110,220	\$ 204,683	\$ -	\$ -	\$ -	\$ 314,903

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

1.3.1 Computer Hardware

1.3.2 Computer Software

1.3.3 Computer Software Licences & Installation (includes hardware and software)
(may include AS/400 disk space, backup and recovery computer, UPS, etc.)

Total Advanced Metering Control Computer (AMCC)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Computer Hardware				152,193		0		\$ 152,193
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ 152,193	\$ -	\$ -	\$ -	\$ 152,193

1.4 WIDE AREA NETWORK (WAN)

1.4.1 Activation Fees

Total Wide Area Network (WAN)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

1.5.1 Customer Equipment (including repair of damaged equipment)

1.5.2 AMI Interface to CIS

1.5.3 Professional Fees

1.5.4 Integration

1.5.5 Program Management

1.5.6 Other AMI Capital

Total Other AMI Capital Costs Related to Minimum Functionality

Total Capital Costs Related to Minimum Functionality

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Other Equipment								\$ -
Computer Software				16,719	8,815	6,489		\$ 32,023
Computer Hardware				29,255				\$ 29,255
Computer Hardware								\$ -
Computer Software			17,940	27,113	30,234	32,390		\$ 107,676
Computer Software						0		\$ -
	\$ -	\$ -	\$ 17,940	\$ 73,086	\$ 39,049	\$ 38,879	\$ -	\$ 168,954
	\$ -	\$ -	\$ 128,160	\$ 1,350,737	\$ 4,245,793	\$ 337,637	\$ -	\$ 6,062,327

1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

1.6.2 Costs for deployment of smart meters to customers other than residential and small general service

1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total Capital Costs Beyond Minimum Functionality

Total Smart Meter Capital Costs

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Computer Software								\$ -
Applications Software								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ 128,160	\$ 1,350,737	\$ 4,245,793	\$ 337,637	\$ -	\$ 6,062,327

2 OM&A Expenses

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

2.1.1 Maintenance (may include meter reverification costs, etc.)

2.1.2 Other (please specify)

Total Incremental AMCD OM&A Costs

2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

2.2.1 Maintenance

2.2.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

2.3.1 Hardware Maintenance (may include server support, etc.)

2.3.2 Software Maintenance (may include maintenance support, etc.)

2.3.2 Other (please specify)

Total Incremental AMCC OM&A Costs

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WAN Maintenance

2.4.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign

2.5.2 Customer Communication (may include project communication, etc.)

2.5.3 Program Management

2.5.4 Change Management (may include training, etc.)

2.5.5 Administration Costs

2.5.6 Other AMI Expenses

(please specify)

Total Other AMI OM&A Costs Related to Minimum Functionality

TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

2.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

2.6.2 Costs for deployment of smart meters to customers other than residential and small general service

2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total OM&A Costs Beyond Minimum Functionality

Total Smart Meter OM&A Costs

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				62,526	85,663	84,347	172,701	\$ 405,237
						0		\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ 62,526	\$ 85,663	\$ 84,347	\$ 172,701	\$ 405,237
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							12,437	\$ 12,437
				3,378	31,352	0	27,143	\$ 61,872
							37,311	\$ 37,311
								\$ -
			69	5,942	0			\$ 6,012
				673	95,227	19,403	77,731	\$ 193,034
	\$ -	\$ -	\$ 69	\$ 9,994	\$ 126,578	\$ 19,403	\$ 154,622	\$ 310,666
	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324	\$ 715,903
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual		
								\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324	\$ 715,903

3 Aggregate Smart Meter Costs by Category

3.1	Capital									
3.1.1	Smart Meter	\$ -	\$ -	\$ 110,220	\$ 1,125,457	\$ 4,206,744	\$ 298,758	\$ -	\$ 5,741,180	
3.1.2	Computer Hardware	\$ -	\$ -	\$ -	\$ 181,448	\$ -	\$ -	\$ -	\$ 181,448	
3.1.3	Computer Software	\$ -	\$ -	\$ 17,940	\$ 43,832	\$ 39,049	\$ 38,879	\$ -	\$ 139,699	
3.1.4	Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.5	Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.6	Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.7	Total Capital Costs	\$ -	\$ -	\$ 128,160	\$ 1,350,737	\$ 4,245,793	\$ 337,637	\$ -	\$ 6,062,327	
3.2	OM&A Costs									
3.2.1	Total OM&A Costs	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324	\$ 715,903	



Cambridge and North Dumfries Hydro Inc.

	2006	2007
Cost of Capital		
Capital Structure¹		
Deemed Short-term Debt Capitalization		
Deemed Long-term Debt Capitalization	50.0%	50.0%
Deemed Equity Capitalization	50.0%	50.0%
Preferred Shares		
Total	100.0%	100.0%
Cost of Capital Parameters		
Deemed Short-term Debt Rate		
Long-term Debt Rate (actual/embedded/deemed) ²	6.01%	6.01%
Target Return on Equity (ROE)	9.0%	9.00%
Return on Preferred Shares		
WACC	7.51%	7.51%
Working Capital Allowance		
Working Capital Allowance Rate	15.0%	15.0%
<i>(% of the sum of Cost of Power + controllable expenses)</i>		
Taxes/PILs		
Aggregate Corporate Income Tax Rate	36.12%	36.12%
Capital Tax (until July 1st, 2010)	0.30%	0.225%
Depreciation Rates		
<i>(expressed as expected useful life in years)</i>		
Smart Meters - years	15	15
- rate (%)	6.67%	6.67%
Computer Hardware - years	5	5
- rate (%)	20.00%	20.00%
Computer Software - years	3	3
- rate (%)	33.33%	33.33%

Tools & Equipment - years	10	10
- rate (%)	10.00%	10.00%
Other Equipment - years	10	10
- rate (%)	10.00%	10.00%

CCA Rates

Smart Meters - CCA Class	47	47
Smart Meters - CCA Rate	8%	8%
Computer Equipment - CCA Class	45	50
Computer Equipment - CCA Rate	45%	55%
General Equipment - CCA Class	8	8
General Equipment - CCA Rate	20%	20%
Applications Software - CCA Class		
Applications Software - CCA Rate		

Assumptions

- ¹ Planned smart meter installations occur evenly throughout the year.
- ² Fiscal calendar year (January 1 to December 31) used.
- ³ Amortization is done on a straight line basis and has the "half-year" rule applied.



Ontario Energy Board

Smart Meter Model



2008	2009	2010	2011	2012 and later
<div>0.0%</div> <div>53.3%</div> <div>46.7%</div> <div></div> <div>100.0%</div>	<div>0.0%</div> <div>56.7%</div> <div>43.3%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>
<div>0.00%</div> <div>6.01%</div> <div>9.00%</div> <div></div> <div>7.41%</div>	<div>0.00%</div> <div>6.01%</div> <div>9.00%</div> <div></div> <div>7.30%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>
<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>
<div>33.50%</div> <div>0.225%</div>	<div>33.00%</div> <div>0.225%</div>	<div>31.00%</div> <div>0.075%</div>	<div>28.25%</div> <div>0.00%</div>	<div>26.25%</div> <div>0.00%</div>
<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>

10	10	10	10	10
10.00%	10.00%	10.00%	10.00%	10.00%
10	10	10	10	10
10.00%	10.00%	10.00%	10.00%	10.00%

47	47	47	47	47
8%	8%	8%	8%	8%

50	50	50	50	50
55%	55%	100%	100%	100%

8	8	8	8	8
20%	20%	20%	20%	20%



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

	2006	2007	2008	2009	2010	2011
Net Fixed Assets - Smart Meters						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ 110,220	\$ 1,235,677	\$ 5,442,422
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ 110,220	\$ 1,125,457	\$ 4,206,744	\$ 298,758
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ 110,220	\$ 1,235,677	\$ 5,442,422	\$ 5,741,180
Accumulated Depreciation						
Opening Balance		\$ -	\$ -	-\$ 3,674	-\$ 48,537	-\$ 271,141
Amortization expense during year	\$ -	\$ -	-\$ 3,674	-\$ 44,863	-\$ 222,603	-\$ 372,787
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	-\$ 3,674	-\$ 48,537	-\$ 271,141	-\$ 643,927
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ 106,546	\$ 1,187,140	\$ 5,171,281
Closing Balance	\$ -	\$ -	\$ 106,546	\$ 1,187,140	\$ 5,171,281	\$ 5,097,253
Average Net Book Value	\$ -	\$ -	\$ 53,273	\$ 646,843	\$ 3,179,211	\$ 5,134,267
Net Fixed Assets - Computer Hardware						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ -	\$ 181,448	\$ 181,448
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 181,448	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ 181,448	\$ 181,448	\$ 181,448
Accumulated Depreciation						
Opening Balance	\$ -	\$ -	\$ -	\$ -	-\$ 18,145	-\$ 54,434
Amortization expense during year	\$ -	\$ -	\$ -	-\$ 18,145	-\$ 36,290	-\$ 36,290
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	-\$ 18,145	-\$ 54,434	-\$ 90,724
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 163,303	\$ 127,014
Closing Balance	\$ -	\$ -	\$ -	\$ 163,303	\$ 127,014	\$ 90,724
Average Net Book Value	\$ -	\$ -	\$ -	\$ 81,652	\$ 145,158	\$ 108,869
Net Fixed Assets - Computer Software (including Applications Software)						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ 17,940	\$ 61,771	\$ 100,820
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ 17,940	\$ 43,832	\$ 39,049	\$ 38,879
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ 17,940	\$ 61,771	\$ 100,820	\$ 139,699
Accumulated Depreciation						
Opening Balance	\$ -	\$ -	\$ -	-\$ 2,990	-\$ 16,275	-\$ 43,374
Amortization expense during year	\$ -	\$ -	-\$ 2,990	-\$ 13,285	-\$ 27,099	-\$ 40,087
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	-\$ 2,990	-\$ 16,275	-\$ 43,374	-\$ 83,460
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ 14,950	\$ 45,496	\$ 57,447
Closing Balance	\$ -	\$ -	\$ 14,950	\$ 45,496	\$ 57,447	\$ 56,239
Average Net Book Value	\$ -	\$ -	\$ 7,475	\$ 30,223	\$ 51,471	\$ 56,843

Net Fixed Assets - Tools and Equipment**Gross Book Value**

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Net Fixed Assets - Other Equipment**Gross Book Value**

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>



2012 and later

\$	5,741,180
\$	-
\$	5,741,180

-\$	643,927
-\$	382,745
-\$	1,026,673

\$	5,097,253
\$	4,714,507
\$	4,905,880

\$	181,448
\$	-
\$	181,448

-\$	90,724
-\$	36,290
-\$	127,014

\$	90,724
\$	54,434
\$	72,579

\$	139,699
\$	-
\$	139,699

-\$	83,460
-\$	46,566
-\$	130,027

\$	56,239
\$	9,673
\$	32,956

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ 53,273	\$ 646,843	\$ 3,179,211	\$ 5,134,267	\$ 4,905,880
Computer Hardware	\$ -	\$ -	\$ -	\$ 81,652	\$ 145,158	\$ 108,869	\$ 72,579
Computer Software	\$ -	\$ -	\$ 7,475	\$ 30,223	\$ 51,471	\$ 56,843	\$ 32,956
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ 60,748	\$ 758,718	\$ 3,375,840	\$ 5,299,978	\$ 5,011,415
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ 10	\$ 10,878	\$ 31,836	\$ 15,563	\$ 49,099
Incremental Smart Meter Rate Base	\$ -	\$ -	\$ 60,758	\$ 769,596	\$ 3,407,676	\$ 5,315,541	\$ 5,060,514
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ 136,307	\$ 212,622	\$ 202,421
Deemed Long Term Debt	\$ -	\$ -	\$ 32,384	\$ 436,361	\$ 1,908,299	\$ 2,976,703	\$ 2,833,888
Equity	\$ -	\$ -	\$ 28,374	\$ 333,235	\$ 1,363,071	\$ 2,126,216	\$ 2,024,205
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ -	\$ 60,758	\$ 769,596	\$ 3,407,676	\$ 5,315,541	\$ 5,060,514
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ 2,822	\$ 4,401	\$ 4,190
Deemed Long Term Debt	\$ -	\$ -	\$ 1,946	\$ 26,225	\$ 95,224	\$ 148,537	\$ 141,411
Equity	\$ -	\$ -	\$ 2,554	\$ 29,991	\$ 134,262	\$ 209,432	\$ 199,384
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ -	\$ 4,500	\$ 56,216	\$ 232,308	\$ 362,371	\$ 344,985
Operating Expenses	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ 3,674	\$ 44,863	\$ 222,603	\$ 372,787	\$ 382,745
Computer Hardware	\$ -	\$ -	\$ -	\$ 18,145	\$ 36,290	\$ 36,290	\$ 36,290
Computer Software	\$ -	\$ -	\$ 2,990	\$ 13,285	\$ 27,099	\$ 40,087	\$ 46,566
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ 6,664	\$ 76,293	\$ 285,991	\$ 449,163	\$ 465,601
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ 11,233	\$ 205,029	\$ 730,541	\$ 915,284	\$ 1,137,910
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ 69	\$ 72,519	\$ 212,241	\$ 103,750	\$ 327,324
Amortization Expense	\$ -	\$ -	\$ 6,664	\$ 76,293	\$ 285,991	\$ 449,163	\$ 465,601
Interest Expense	\$ -	\$ -	\$ 1,946	\$ 26,225	\$ 98,046	\$ 152,939	\$ 145,601
Net Income for Taxes/PILs	\$ -	\$ -	\$ 2,554	\$ 29,991	\$ 134,262	\$ 209,432	\$ 199,384
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ -	\$ 210.60	\$ 4,889.55	\$ 9,885.42	\$ 77,925.87	\$ 87,423.88
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ -	\$ 11,444	\$ 200,139	\$ 720,655	\$ 993,210	\$ 1,225,334



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ 105,811.42	\$ 1,177,785.29	\$ 5,122,037.01	\$ 4,999,082.14
Capital Additions	\$ -	\$ -	\$ 110,220.23	\$ 1,125,457.06	\$ 4,206,744.32	\$ 298,758.43	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ 110,220.23	\$ 1,231,268.48	\$ 5,384,529.60	\$ 5,420,795.44	\$ 4,999,082.14
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ 55,110.12	\$ 562,728.53	\$ 2,103,372.16	\$ 149,379.21	\$ -
Reduced UCC	\$ -	\$ -	\$ 55,110.12	\$ 668,539.95	\$ 3,281,157.45	\$ 5,271,416.22	\$ 4,999,082.14
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ 4,408.81	\$ 53,483.20	\$ 262,492.60	\$ 421,713.30	\$ 399,826.57
Closing UCC	\$ -	\$ -	\$ 105,811.42	\$ 1,177,785.29	\$ 5,122,037.01	\$ 4,999,082.14	\$ 4,599,155.57

UCC - Computer Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ 13,006.25	\$ 169,180.51	\$ 19,524.47	\$ 19,439.52
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ 181,448.01	\$ -	\$ -	\$ -
Capital Additions Computer Software	\$ -	\$ -	\$ 17,939.66	\$ 43,831.57	\$ 39,048.93	\$ 38,879.04	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ 17,939.66	\$ 238,285.83	\$ 208,229.44	\$ 58,403.50	\$ 19,439.52
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ 8,969.83	\$ 112,639.79	\$ 19,524.47	\$ 19,439.52	\$ -
Reduced UCC	\$ -	\$ -	\$ 8,969.83	\$ 125,646.04	\$ 188,704.97	\$ 38,963.98	\$ 19,439.52
CCA Rate Class	45	50	50	50	50	50	50
CCA Rate	45%	55%	55%	55%	100%	100%	100%
CCA	\$ -	\$ -	\$ 4,933.41	\$ 69,105.32	\$ 188,704.97	\$ 38,963.98	\$ 19,439.52
Closing UCC	\$ -	\$ -	\$ 13,006.25	\$ 169,180.51	\$ 19,524.47	\$ 19,439.52	\$ -

UCC - General Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	8	8	8	8	8	8	8
CCA Rate	20%	20%	20%	20%	20%	20%	20%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
INCOME TAX							
Net Income	\$ -	\$ -	\$ 2,553.67	\$ 29,991.14	\$ 134,262.45	\$ 209,432.31	\$ 199,384.24
Amortization	\$ -	\$ -	\$ 6,663.95	\$ 76,293.20	\$ 285,991.46	\$ 449,162.88	\$ 465,601.34
CCA - Smart Meters	\$ -	\$ -	\$ 4,408.81	\$ 53,483.20	\$ 262,492.60	\$ 421,713.30	\$ 399,926.57
CCA - Computers	\$ -	\$ -	\$ 4,933.41	\$ 69,105.32	\$ 188,704.97	\$ 38,963.98	\$ 19,439.52
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ -	\$ 124.59	\$ 16,304.18	\$ 30,943.65	\$ 197,917.91	\$ 245,619.48
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Income Taxes Payable	\$ -	\$ -	\$ 41.74	\$ 5,380.38	\$ 9,592.53	\$ 55,911.81	\$ 64,475.11
ONTARIO CAPITAL TAX							
Smart Meters	\$ -	\$ -	\$ 106,546.22	\$ 1,187,140.03	\$ 5,171,281.05	\$ 5,097,252.76	\$ 4,714,507.43
Computer Hardware	\$ -	\$ -	\$ -	\$ 163,303.21	\$ 127,013.61	\$ 90,724.01	\$ 54,434.40
Computer Software (Including Application Software)	\$ -	\$ -	\$ 14,949.71	\$ 45,496.13	\$ 57,446.50	\$ 56,238.98	\$ 9,672.58
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ -	\$ 121,495.94	\$ 1,395,939.38	\$ 5,355,741.16	\$ 5,244,215.75	\$ 4,778,614.41
Less: Exemption							
Deemed Taxable Capital	\$ -	\$ -	\$ 121,495.94	\$ 1,395,939.38	\$ 5,355,741.16	\$ 5,244,215.75	\$ 4,778,614.41
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ 273.37	\$ 3,140.86	\$ 4,016.81	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ -	\$ 41.74	\$ 5,380.38	\$ 9,592.53	\$ 55,911.81	\$ 64,475.11
Change in OCT	\$ -	\$ -	\$ 273.37	\$ 3,140.86	\$ 4,016.81	\$ -	\$ -
PILs	\$ -	\$ -	\$ 231.63	\$ 2,239.52	\$ 5,575.73	\$ 55,911.81	\$ 64,475.11
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Change in Income Taxes Payable	\$ -	\$ -	\$ 62.76	\$ 8,030.42	\$ 13,902.22	\$ 77,925.87	\$ 87,423.88
Change in OCT	\$ -	\$ -	\$ 273.37	\$ 3,140.86	\$ 4,016.81	\$ -	\$ -
PILs	\$ -	\$ -	\$ 210.60	\$ 4,889.55	\$ 9,885.42	\$ 77,925.87	\$ 87,423.88





Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2006 Q1			Jan-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$ -	\$ -	4.14%	\$ -	\$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$ -	\$ -	4.14%	\$ -	\$ -		
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ -	\$ 5,220.93	4.14%	\$ -	\$ 5,220.93		\$ 0.27
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 5,220.93	\$ 10,023.59	4.59%	\$ 19.97	\$ 15,264.49		\$ 0.27
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 15,244.52	\$ 11,916.68	4.59%	\$ 58.31	\$ 27,219.51		\$ 0.27
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 27,161.20	\$ 11,055.03	4.59%	\$ 103.89	\$ 38,320.12		\$ 0.27
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 38,216.23	\$ 11,378.29	4.59%	\$ 146.18	\$ 49,740.70		\$ 0.27
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 49,594.52	\$ 12,311.46	4.59%	\$ 189.70	\$ 62,095.68		\$ 0.27
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 61,905.98	\$ 10,857.16	4.59%	\$ 236.79	\$ 72,999.93	\$ 73,517.98	\$ 0.27
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 72,763.14	\$ 11,928.65	4.59%	\$ 278.32	\$ 84,970.11		\$ 0.27
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 84,691.79	\$ 11,447.72	4.59%	\$ 323.95	\$ 96,463.46		\$ 0.27
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 96,139.51	\$ 11,957.25	4.59%	\$ 367.73	\$ 108,464.49		\$ 0.27
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 108,096.76	\$ 11,413.83	4.59%	\$ 413.47	\$ 119,924.06		\$ 0.27
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 119,510.59	\$ 12,012.71	4.59%	\$ 457.13	\$ 131,980.43		\$ 0.27
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 131,523.30	\$ 11,419.98	4.59%	\$ 503.08	\$ 143,446.36		\$ 0.27
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 142,943.28	\$ 11,974.91	4.59%	\$ 546.76	\$ 155,464.95		\$ 0.27
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 154,918.19	\$ 12,003.86	4.59%	\$ 592.56	\$ 167,514.61		\$ 0.27
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 166,922.05	\$ 11,381.54	4.59%	\$ 638.48	\$ 178,942.07		\$ 0.27
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 178,303.59	\$ 11,374.61	5.14%	\$ 763.73	\$ 190,441.93		\$ 0.27
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 189,678.20	\$ 13,213.34	5.14%	\$ 812.45	\$ 203,703.99		\$ 0.27
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	\$ 202,891.54	\$ 10,171.58	5.14%	\$ 869.05	\$ 213,932.17	\$ 146,866.69	\$ 0.27
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	\$ 213,063.12	\$ 12,047.27	5.14%	\$ 912.62	\$ 226,023.01		\$ 0.27
2012 Q2		4.29%	Feb-08	2008	Q1	\$ 225,110.39	\$ 11,443.10	5.14%	\$ 964.22	\$ 237,517.71		\$ 0.27
2012 Q3		4.29%	Mar-08	2008	Q1	\$ 236,553.49	\$ 12,058.89	5.14%	\$ 1,013.24	\$ 249,625.62		\$ 0.27
2012 Q4		4.29%	Apr-08	2008	Q2	\$ 248,612.38	\$ 11,468.33	4.08%	\$ 845.28	\$ 260,925.99		\$ 0.27
			May-08	2008	Q2	\$ 260,080.71	\$ 12,067.37	4.08%	\$ 884.27	\$ 273,032.35		\$ 0.27
			Jun-08	2008	Q2	\$ 272,148.08	\$ 11,475.59	4.08%	\$ 925.30	\$ 284,548.97		\$ 0.27
			Jul-08	2008	Q3	\$ 283,623.67	\$ 12,601.14	3.35%	\$ 791.78	\$ 297,016.59		\$ 0.27
			Aug-08	2008	Q3	\$ 296,224.81	\$ 10,891.00	3.35%	\$ 826.96	\$ 307,942.77		\$ 0.27
			Sep-08	2008	Q3	\$ 307,115.81	\$ 12,069.78	3.35%	\$ 857.36	\$ 320,042.95		\$ 0.27
			Oct-08	2008	Q4	\$ 319,185.59	\$ 12,027.16	3.35%	\$ 891.06	\$ 332,103.81		\$ 0.27
			Nov-08	2008	Q4	\$ 331,212.75	\$ 11,467.72	3.35%	\$ 924.64	\$ 343,605.11		\$ 0.27
			Dec-08	2008	Q4	\$ 342,680.47	\$ 11,455.70	3.35%	\$ 956.65	\$ 355,092.82	\$ 151,866.43	\$ 0.27
			Jan-09	2009	Q1	\$ 354,136.17	\$ 12,079.05	2.45%	\$ 723.03	\$ 366,938.25		\$ 0.27
			Feb-09	2009	Q1	\$ 366,215.22	\$ 11,507.48	2.45%	\$ 747.69	\$ 378,470.39		\$ 0.27
			Mar-09	2009	Q1	\$ 377,722.70	\$ 12,207.04	2.45%	\$ 771.18	\$ 390,700.92		\$ 0.27
			Apr-09	2009	Q2	\$ 389,929.74	\$ 11,620.88	1.00%	\$ 324.94	\$ 401,875.56		\$ 0.27
			May-09	2009	Q2	\$ 401,550.62	\$ 12,685.46	1.00%	\$ 334.63	\$ 414,570.71		\$ 1.00
			Jun-09	2009	Q2	\$ 414,236.08	\$ 25,811.50	1.00%	\$ 345.20	\$ 440,392.78		\$ 1.00
			Jul-09	2009	Q3	\$ 440,047.58	\$ 42,634.14	0.55%	\$ 201.69	\$ 482,883.41		\$ 1.00
			Aug-09	2009	Q3	\$ 482,681.72	\$ 43,226.30	0.55%	\$ 221.23	\$ 526,129.25		\$ 1.00
			Sep-09	2009	Q3	\$ 525,908.02	\$ 45,026.29	0.55%	\$ 241.04	\$ 571,175.35		\$ 1.00
			Oct-09	2009	Q4	\$ 570,934.31	\$ 43,618.42	0.55%	\$ 261.68	\$ 614,814.41		\$ 1.00
			Nov-09	2009	Q4	\$ 614,552.73	\$ 45,064.31	0.55%	\$ 281.67	\$ 659,898.71		\$ 1.00
			Dec-09	2009	Q4	\$ 659,617.04	\$ 43,914.18	0.55%	\$ 302.32	\$ 703,833.54	\$ 354,151.35	\$ 1.00
			Jan-10	2010	Q1	\$ 703,531.22	\$ 39,267.73	0.55%	\$ 322.45	\$ 743,121.40		\$ 1.00
			Feb-10	2010	Q1	\$ 742,798.95	\$ 40,981.59	0.55%	\$ 340.45	\$ 784,120.99		\$ 1.00
			Mar-10	2010	Q1	\$ 783,780.54	\$ 48,640.18	0.55%	\$ 359.23	\$ 832,779.95		\$ 1.00
			Apr-10	2010	Q2	\$ 832,420.72	\$ 43,245.11	0.55%	\$ 381.53	\$ 876,047.36		\$ 1.00
			May-10	2010	Q2	\$ 875,665.83	\$ 41,153.66	0.55%	\$ 401.35	\$ 917,220.84		\$ 1.00
			Jun-10	2010	Q2	\$ 916,819.49	\$ 48,755.69	0.55%	\$ 420.21	\$ 965,995.39		\$ 1.00
			Jul-10	2010	Q3	\$ 965,575.18	\$ 46,376.48	0.89%	\$ 716.13	\$ 1,012,667.79		\$ 1.00
			Aug-10	2010	Q3	\$ 1,011,951.66	\$ 43,541.87	0.89%	\$ 750.53	\$ 1,056,244.06		\$ 1.00
			Sep-10	2010	Q3	\$ 1,055,493.53	\$ 46,604.65	0.89%	\$ 782.82	\$ 1,102,881.00		\$ 1.00
			Oct-10	2010	Q4	\$ 1,102,098.18	\$ 41,339.37	1.20%	\$ 1,102.10	\$ 1,144,539.65		\$ 1.00
			Nov-10	2010	Q4	\$ 1,143,437.55	\$ 48,708.95	1.20%	\$ 1,143.44	\$ 1,193,289.94		\$ 1.00
			Dec-10	2010	Q4	\$ 1,192,146.50	\$ 43,567.89	1.20%	\$ 1,192.15	\$ 1,236,906.54	\$ 540,095.56	\$ 1.00
			Jan-11	2011	Q1	\$ 1,235,714.39	\$ 46,792.48	1.47%	\$ 1,513.75	\$ 1,284,020.62		\$ 1.00
			Feb-11	2011	Q1	\$ 1,282,506.87	\$ 41,958.97	1.47%	\$ 1,571.07	\$ 1,326,036.91		\$ 1.00
			Mar-11	2011	Q1	\$ 1,324,465.84	\$ 51,431.32	1.47%	\$ 1,622.47	\$ 1,377,519.63		\$ 1.00
			Apr-11	2011	Q2	\$ 1,375,897.16	\$ 39,846.76	1.47%	\$ 1,685.47	\$ 1,417,429.39		\$ 1.00
			May-11	2011	Q2	\$ 1,415,743.92	\$ 39,644.11	1.47%	\$ 1,734.29	\$ 1,457,122.32		\$ 1.61
			Jun-11	2011	Q2	\$ 1,455,388.03	\$ 61,267.96	1.47%	\$ 1,782.85	\$ 1,518,438.84		\$ 1.61
			Jul-11	2011	Q3	\$ 1,516,655.99	\$ 52,952.47	1.47%	\$ 1,857.90	\$ 1,571,466.36		\$ 1.61
			Aug-11	2011	Q3	\$ 1,569,608.46	\$ 95,789.93	1.47%	\$ 1,922.77	\$ 1,667,321.16		\$ 1.61
			Sep-11	2011	Q3	\$ 1,665,398.39	\$ 74,839.40	1.47%	\$ 2,040.11	\$ 1,742,277.90		\$ 1.61
			Oct-11	2011	Q4	\$ 1,740,237.79	\$ 68,535.83	1.47%	\$ 2,131.79	\$ 1,810,905.41		\$ 1.61
			Nov-11	2011	Q4	\$ 1,808,773.62	\$ 78,072.31	1.47%	\$ 2,215.75	\$ 1,889,061.68		\$ 1.61
			Dec-11	2011	Q4	\$ 1,886,845.93	\$ 68,699.94	1.47%	\$ 2,311.39	\$ 1,957,857.26	\$ 742,221.09	\$ 1.61
			Jan-12	2012	Q1	\$ 1,955,545.87	\$ 81,666.27	1.47%	\$ 2,395.54	\$ 2,039,607.68		\$ 1.61
			Feb-12	2012	Q1	\$ 2,037,212.14	\$ 73,278.94	1.47%	\$ 2,495.58	\$ 2,112,986.66		\$ 1.61



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP				Opening Balance	Funding Adder	Interest				Board Approved Smart
			Date	Year	Quarter	(Principal)	Revenues	Rate	Interest	Closing Balance	Annual amounts	Meter Funding Adder (from Tariff)
			Mar-12	2012	Q1	\$ 2,110,491.08	\$ 88,193.51	1.47%	\$ 2,585.35	\$ 2,201,269.94		\$ 1.61
			Apr-12	2012	Q2	\$ 2,198,684.59	\$ 89,200.00	1.47%	\$ 2,693.39	\$ 2,290,577.98		\$ 1.61
			May-12	2012	Q2	\$ 2,287,884.59	-\$ 102,111.00	0.00%	\$ -	\$ 2,185,773.59		
			Jun-12	2012	Q2	\$ 2,185,773.59	-\$ 102,111.00	0.00%	\$ -	\$ 2,083,662.59		
			Jul-12	2012	Q3	\$ 2,083,662.59	-\$ 102,111.00	0.00%	\$ -	\$ 1,981,551.59		
			Aug-12	2012	Q3	\$ 1,981,551.59	-\$ 102,111.00	0.00%	\$ -	\$ 1,879,440.59		
			Sep-12	2012	Q3	\$ 1,879,440.59	\$ -	0.00%	\$ -	\$ 1,879,440.59		
			Oct-12	2012	Q4	\$ 1,879,440.59	\$ -	0.00%	\$ -	\$ 1,879,440.59		
			Nov-12	2012	Q4	\$ 1,879,440.59	\$ -	0.00%	\$ -	\$ 1,879,440.59		
			Dec-12	2012	Q4	\$ 1,879,440.59		0.00%	\$ -	\$ 1,879,440.59	-\$ 65,935.42	
Total Funding Adder Revenues Collected						\$ 1,879,440.59	\$ 1,879,440.59		\$ 63,343.09	\$ 1,942,783.68	\$ 1,942,783.68	



Cambridge and North Dumfries Hydro Inc.

This worksheet calculates the interest on OM&A and amortization/depr

Account 1556 - Su

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	\$ -
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-

2011 Q4	1.47%	4.29%		Dec-07	2007	Q4	-
2012 Q1	1.47%	4.29%		Jan-08	2008	Q1	-
2012 Q2	0.00%	4.29%		Feb-08	2008	Q1	-
2012 Q3	0.00%	4.29%		Mar-08	2008	Q1	-
2012 Q4	0.00%	4.29%		Apr-08	2008	Q2	-
				May-08	2008	Q2	-
				Jun-08	2008	Q2	-
				Jul-08	2008	Q3	-
				Aug-08	2008	Q3	-
				Sep-08	2008	Q3	-
				Oct-08	2008	Q4	-
				Nov-08	2008	Q4	-
				Dec-08	2008	Q4	-
				Jan-09	2009	Q1	-
				Feb-09	2009	Q1	-
				Mar-09	2009	Q1	-
				Apr-09	2009	Q2	-
				May-09	2009	Q2	-
				Jun-09	2009	Q2	-
				Jul-09	2009	Q3	-
				Aug-09	2009	Q3	-
				Sep-09	2009	Q3	-
				Oct-09	2009	Q4	-
				Nov-09	2009	Q4	-
				Dec-09	2009	Q4	-
				Jan-10	2010	Q1	-
				Feb-10	2010	Q1	-
				Mar-10	2010	Q1	-
				Apr-10	2010	Q2	-
				May-10	2010	Q2	-
				Jun-10	2010	Q2	-
				Jul-10	2010	Q3	-
				Aug-10	2010	Q3	-
				Sep-10	2010	Q3	-
				Oct-10	2010	Q4	-
				Nov-10	2010	Q4	-
				Dec-10	2010	Q4	-
				Jan-11	2011	Q1	-
				Feb-11	2011	Q1	-
				Mar-11	2011	Q1	-
				Apr-11	2011	Q2	-
				May-11	2011	Q2	-
				Jun-11	2011	Q2	-
				Jul-11	2011	Q3	-
				Aug-11	2011	Q3	-
				Sep-11	2011	Q3	-
				Oct-11	2011	Q4	-
				Nov-11	2011	Q4	-
				Dec-11	2011	Q4	-

	Jan-12	2012	Q1	-
	Feb-12	2012	Q1	-
	Mar-12	2012	Q1	-
	Apr-12	2012	Q2	-
	May-12	2012	Q2	-
	Jun-12	2012	Q2	-
	Jul-12	2012	Q3	-
	Aug-12	2012	Q3	-
	Sep-12	2012	Q3	-
	Oct-12	2012	Q4	-
	Nov-12	2012	Q4	-
	Dec-12	2012	Q4	-



preciation expense, based on monthly data.

ib-accounts Operating Expenses, Amortization Expenses, Carrying Charges

OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
		-	0.00%	-	-
		-	0.00%	-	-
		-	0.00%	-	-
		-	4.14%	-	-
		-	4.14%	-	-
		-	4.14%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	5.14%	-	-
		-	5.14%	-	-

\$ - \$ - \$

-	1.47%	-	-
-	1.47%	-	-
-	1.47%	-	-
-	1.47%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-

-



EXHIBIT B (General Service < 50 Kw)

To Draft Rate Order

Cambridge and North Dumfries Hydro Inc. EB-2012-0086



Ontario Energy Board

Smart Meter Model

Choose Your Utility:

Application Contact Information

Name:	Grant Brooker
Title:	Manager, Regulatory Affairs
Phone Number:	519.621-8405 ext 2340
Email Address:	gbrooker@camhydro.com
We are applying for rates effective:	May 1, 2012
Last COS Re-based Year	2010

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD

Copyright

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results. The use of any models and spreadsheets does not automatically imply Board approval. The onus is on the distributor to prepare, document and support its application. Board-issued Excel models and spreadsheets are offered to assist parties in providing the necessary information so as to facilitate an expeditious review of an application. The onus remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

Distributors must enter all incremental costs related to their smart meter program and all revenues recovered to date in the applicable tabs except for those costs (and associated revenues) for which the Board has approved on a final basis, i.e. capital costs have been included in rate base and OM&A costs in revenue requirement.

For 2012, distributors that have completed their deployments by the end of 2011 are not expected to enter any capital costs. However, for OM&A, regardless of whether a distributor has deployments in 2012, distributors should enter the forecasted OM&A for 2012 for all smart meters in service.

Smart Meter Capital Cost and Operational Expense Data

Smart Meter Installation Plan

Actual/Planned number of Smart Meters installed during the Calendar Year

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast	Total
Residential				0	0	0		0
General Service < 50 kW				285	4,053	304		4642
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	285	4053	304	0	4642
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	6.14%	93.45%	100.00%	0.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed								0
Other (please identify)								0
Total Number of Smart Meters installed or planned to be installed	0	0	0	285	4053	304	0	4642

1 Capital Costs

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

1.1.1 Smart Meters (may include new meters and modules, etc.)

1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)

1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)

1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)

Total Advanced Metering Communications Devices (AMCD)

Asset Type

Asset type must be selected to enable calculations

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Smart Meter				321,166	1,357,933	104,207		\$ 1,783,306
Smart Meter					109,523	0		\$ 109,523
								\$ -
								\$ -
Total Advanced Metering Communications Devices (AMCD)	\$ -	\$ -	\$ -	\$ 321,166	\$ 1,467,457	\$ 104,207	\$ -	\$ 1,892,830

1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

1.2.1 Collectors

1.2.2 Repeaters (may include radio licence, etc.)

1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)

Total Advanced Metering Regional Collector (AMRC) (Includes LAN)

Asset Type

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Smart Meter			38,445	71,393				\$ 109,838
								\$ -
								\$ -
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)	\$ -	\$ -	\$ 38,445	\$ 71,393	\$ -	\$ -	\$ -	\$ 109,838

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

1.3.1 Computer Hardware

1.3.2 Computer Software

1.3.3 Computer Software Licences & Installation (includes hardware and software)
(may include AS/400 disk space, backup and recovery computer, UPS, etc.)

Total Advanced Metering Control Computer (AMCC)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Computer Hardware				53,085		0		\$ 53,085
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ 53,085	\$ -	\$ -	\$ -	\$ 53,085

1.4 WIDE AREA NETWORK (WAN)

1.4.1 Activation Fees

Total Wide Area Network (WAN)

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

1.5.1 Customer Equipment (including repair of damaged equipment)

1.5.2 AMI Interface to CIS

1.5.3 Professional Fees

1.5.4 Integration

1.5.5 Program Management

1.5.6 Other AMI Capital

Total Other AMI Capital Costs Related to Minimum Functionality

Total Capital Costs Related to Minimum Functionality

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Other Equipment								\$ -
Computer Software				5,831	3,075	2,264		\$ 11,170
Computer Hardware				10,204				\$ 10,204
Computer Hardware								\$ -
Computer Software			6,257	9,457	10,545	11,297		\$ 37,556
Computer Software						0		\$ -
	\$ -	\$ -	\$ 6,257	\$ 25,492	\$ 13,620	\$ 13,561	\$ -	\$ 58,930
	\$ -	\$ -	\$ 44,702	\$ 471,136	\$ 1,481,077	\$ 117,768	\$ -	\$ 2,114,683

1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

1.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

1.6.2 Costs for deployment of smart meters to customers other than residential and small general service

1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total Capital Costs Beyond Minimum Functionality

Total Smart Meter Capital Costs

Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
Computer Software								\$ -
Applications Software								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ 44,702	\$ 471,136	\$ 1,481,077	\$ 117,768	\$ -	\$ 2,114,683

2 OM&A Expenses

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

2.1.1 Maintenance (may include meter reverification costs, etc.)

2.1.2 Other (please specify)

Total Incremental AMCD OM&A Costs

2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

2.2.1 Maintenance

2.2.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

2.3.1 Hardware Maintenance (may include server support, etc.)

2.3.2 Software Maintenance (may include maintenance support, etc.)

2.3.2 Other (please specify)

Total Incremental AMCC OM&A Costs

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WAN Maintenance

2.4.2 Other (please specify)

Total Incremental AMRC OM&A Costs

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign

2.5.2 Customer Communication (may include project communication, etc.)

2.5.3 Program Management

2.5.4 Change Management (may include training, etc.)

2.5.5 Administration Costs

2.5.6 Other AMI Expenses

(please specify)

Total Other AMI OM&A Costs Related to Minimum Functionality

TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY

(Please provide a descriptive title and identify nature of beyond minimum functionality costs)

2.6.1 Costs related to technical capabilities in the smart meters or related communications infrastructure that exceed those specified in O.Reg 425/06

2.6.2 Costs for deployment of smart meters to customers other than residential and small general service

2.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.

Total OM&A Costs Beyond Minimum Functionality

Total Smart Meter OM&A Costs

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				6,297	8,628	8,495	17,394	\$ 40,813
						0		\$ -
								\$ -
	\$ -	\$ -	\$ -	6,297	8,628	8,495	17,394	40,813
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
							1,253	\$ 1,253
				340	3,157	0	2,733	\$ 6,231
							3,758	\$ 3,758
								\$ -
			7	599	0			\$ 606
				68	9,590	1,954	7,829	\$ 19,442
	\$ -	\$ -	\$ 7	\$ 1,007	\$ 12,748	\$ 1,954	\$ 15,573	\$ 31,289
	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967	\$ 72,103
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual		
								\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967	\$ 72,103

3 Aggregate Smart Meter Costs by Category

3.1	Capital									
3.1.1	Smart Meter	\$ -	\$ -	\$ 38,445	\$ 392,559	\$ 1,467,457	\$ 104,207	\$ -	\$ 2,002,668	
3.1.2	Computer Hardware	\$ -	\$ -	\$ -	\$ 63,289	\$ -	\$ -	\$ -	\$ 63,289	
3.1.3	Computer Software	\$ -	\$ -	\$ 6,257	\$ 15,288	\$ 13,620	\$ 13,561	\$ -	\$ 48,726	
3.1.4	Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.5	Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.6	Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3.1.7	Total Capital Costs	\$ -	\$ -	\$ 44,702	\$ 471,136	\$ 1,481,077	\$ 117,768	\$ -	\$ 2,114,683	
3.2	OM&A Costs									
3.2.1	Total OM&A Costs	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967	\$ 72,103	



Cambridge and North Dumfries Hydro Inc.

	2006	2007
Cost of Capital		
Capital Structure¹		
Deemed Short-term Debt Capitalization		
Deemed Long-term Debt Capitalization	50.0%	50.0%
Deemed Equity Capitalization	50.0%	50.0%
Preferred Shares		
Total	100.0%	100.0%
Cost of Capital Parameters		
Deemed Short-term Debt Rate		
Long-term Debt Rate (actual/embedded/deemed) ²	6.01%	6.01%
Target Return on Equity (ROE)	9.0%	9.00%
Return on Preferred Shares		
WACC	7.51%	7.51%
Working Capital Allowance		
Working Capital Allowance Rate	15.0%	15.0%
<i>(% of the sum of Cost of Power + controllable expenses)</i>		
Taxes/PILs		
Aggregate Corporate Income Tax Rate	36.12%	36.12%
Capital Tax (until July 1st, 2010)	0.30%	0.225%
Depreciation Rates		
<i>(expressed as expected useful life in years)</i>		
Smart Meters - years	15	15
- rate (%)	6.67%	6.67%
Computer Hardware - years	5	5
- rate (%)	20.00%	20.00%
Computer Software - years	3	3
- rate (%)	33.33%	33.33%

Tools & Equipment - years	10	10
- rate (%)	10.00%	10.00%
Other Equipment - years	10	10
- rate (%)	10.00%	10.00%

CCA Rates

Smart Meters - CCA Class	47	47
Smart Meters - CCA Rate	8%	8%
Computer Equipment - CCA Class	45	50
Computer Equipment - CCA Rate	45%	55%
General Equipment - CCA Class	8	8
General Equipment - CCA Rate	20%	20%
Applications Software - CCA Class		
Applications Software - CCA Rate		

Assumptions

- ¹ Planned smart meter installations occur evenly throughout the year.
- ² Fiscal calendar year (January 1 to December 31) used.
- ³ Amortization is done on a straight line basis and has the "half-year" rule applied.



Ontario Energy Board

Smart Meter Model



2008	2009	2010	2011	2012 and later
<div>0.0%</div> <div>53.3%</div> <div>46.7%</div> <div></div> <div>100.0%</div>	<div>0.0%</div> <div>56.7%</div> <div>43.3%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>	<div>4.0%</div> <div>56.0%</div> <div>40.0%</div> <div></div> <div>100.0%</div>
<div>0.00%</div> <div>6.01%</div> <div>9.00%</div> <div></div> <div>7.41%</div>	<div>0.00%</div> <div>6.01%</div> <div>9.00%</div> <div></div> <div>7.30%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>	<div>2.07%</div> <div>4.99%</div> <div>9.85%</div> <div></div> <div>6.82%</div>
<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>	<div>15.0%</div>
<div>33.50%</div> <div>0.225%</div>	<div>33.00%</div> <div>0.225%</div>	<div>31.00%</div> <div>0.075%</div>	<div>28.25%</div> <div>0.00%</div>	<div>26.25%</div> <div>0.00%</div>
<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>	<div>15</div> <div>6.67%</div> <div>5</div> <div>20.00%</div> <div>3</div> <div>33.33%</div>

10	10	10	10	10
10.00%	10.00%	10.00%	10.00%	10.00%
10	10	10	10	10
10.00%	10.00%	10.00%	10.00%	10.00%

47	47	47	47	47
8%	8%	8%	8%	8%

50	50	50	50	50
55%	55%	100%	100%	100%

8	8	8	8	8
20%	20%	20%	20%	20%



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

	2006	2007	2008	2009	2010	2011
Net Fixed Assets - Smart Meters						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ 38,445	\$ 431,004	\$ 1,898,461
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ 38,445	\$ 392,559	\$ 1,467,457	\$ 104,207
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ 38,445	\$ 431,004	\$ 1,898,461	\$ 2,002,668
Accumulated Depreciation						
Opening Balance		\$ -	\$ -	-\$ 1,282	-\$ 16,930	-\$ 94,579
Amortization expense during year	\$ -	\$ -	-\$ 1,282	-\$ 15,648	-\$ 77,649	-\$ 130,038
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	-\$ 1,282	-\$ 16,930	-\$ 94,579	-\$ 224,616
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ 37,164	\$ 414,074	\$ 1,803,882
Closing Balance	\$ -	\$ -	\$ 37,164	\$ 414,074	\$ 1,803,882	\$ 1,778,052
Average Net Book Value	\$ -	\$ -	\$ 18,582	\$ 225,619	\$ 1,108,978	\$ 1,790,967
Net Fixed Assets - Computer Hardware						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ -	\$ 63,289	\$ 63,289
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 63,289	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ 63,289	\$ 63,289	\$ 63,289
Accumulated Depreciation						
Opening Balance	\$ -	\$ -	\$ -	\$ -	-\$ 6,329	-\$ 18,987
Amortization expense during year	\$ -	\$ -	\$ -	-\$ 6,329	-\$ 12,658	-\$ 12,658
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	-\$ 6,329	-\$ 18,987	-\$ 31,645
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 56,960	\$ 44,302
Closing Balance	\$ -	\$ -	\$ -	\$ 56,960	\$ 44,302	\$ 31,645
Average Net Book Value	\$ -	\$ -	\$ -	\$ 28,480	\$ 50,631	\$ 37,973
Net Fixed Assets - Computer Software (including Applications Software)						
Gross Book Value						
Opening Balance		\$ -	\$ -	\$ 6,257	\$ 21,545	\$ 35,165
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ 6,257	\$ 15,288	\$ 13,620	\$ 13,561
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ 6,257	\$ 21,545	\$ 35,165	\$ 48,726
Accumulated Depreciation						
Opening Balance	\$ -	\$ -	\$ -	-\$ 1,043	-\$ 5,677	-\$ 15,128
Amortization expense during year	\$ -	\$ -	-\$ 1,043	-\$ 4,634	-\$ 9,452	-\$ 13,982
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	-\$ 1,043	-\$ 5,677	-\$ 15,128	-\$ 29,110
Net Book Value						
Opening Balance	\$ -	\$ -	\$ -	\$ 5,214	\$ 15,869	\$ 20,037
Closing Balance	\$ -	\$ -	\$ 5,214	\$ 15,869	\$ 20,037	\$ 19,616
Average Net Book Value	\$ -	\$ -	\$ 2,607	\$ 10,541	\$ 17,953	\$ 19,827

Net Fixed Assets - Tools and Equipment**Gross Book Value**

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Fixed Assets - Other Equipment**Gross Book Value**

Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Accumulated Depreciation

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)						
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Book Value

Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



2012 and later

\$	2,002,668
\$	-
\$	2,002,668

-\$	224,616
-\$	133,511
-\$	358,127

\$	1,778,052
\$	1,644,540
\$	1,711,296

\$	63,289
\$	-
\$	63,289

-\$	31,645
-\$	12,658
-\$	44,302

\$	31,645
\$	18,987
\$	25,316

\$	48,726
\$	-
\$	48,726

-\$	29,110
-\$	16,242
-\$	45,352

\$	19,616
\$	3,374
\$	11,495

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-

\$	-
\$	-
\$	-



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ 18,582	\$ 225,619	\$ 1,108,978	\$ 1,790,967	\$ 1,711,296
Computer Hardware	\$ -	\$ -	\$ -	\$ 28,480	\$ 50,631	\$ 37,973	\$ 25,316
Computer Software	\$ -	\$ -	\$ 2,607	\$ 10,541	\$ 17,953	\$ 19,827	\$ 11,495
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ 21,189	\$ 264,640	\$ 1,177,562	\$ 1,848,767	\$ 1,748,107
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ 1	\$ 1,096	\$ 3,206	\$ 1,567	\$ 4,945
Incremental Smart Meter Rate Base	\$ -	\$ -	\$ 21,190	\$ 265,736	\$ 1,180,768	\$ 1,850,334	\$ 1,753,052
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ 47,231	\$ 74,013	\$ 70,122
Deemed Long Term Debt	\$ -	\$ -	\$ 11,294	\$ 150,672	\$ 661,230	\$ 1,036,187	\$ 981,709
Equity	\$ -	\$ -	\$ 9,896	\$ 115,064	\$ 472,307	\$ 740,134	\$ 701,221
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ -	\$ 21,190	\$ 265,736	\$ 1,180,768	\$ 1,850,334	\$ 1,753,052
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ 978	\$ 1,532	\$ 1,452
Deemed Long Term Debt	\$ -	\$ -	\$ 679	\$ 9,055	\$ 32,995	\$ 51,706	\$ 48,987
Equity	\$ -	\$ -	\$ 891	\$ 10,356	\$ 46,522	\$ 72,903	\$ 69,070
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ -	\$ 1,569	\$ 19,411	\$ 80,495	\$ 126,141	\$ 119,509
Operating Expenses	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ 1,282	\$ 15,648	\$ 77,649	\$ 130,038	\$ 133,511
Computer Hardware	\$ -	\$ -	\$ -	\$ 6,329	\$ 12,658	\$ 12,658	\$ 12,658
Computer Software	\$ -	\$ -	\$ 1,043	\$ 4,634	\$ 9,452	\$ 13,982	\$ 16,242
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ 2,324	\$ 26,611	\$ 99,758	\$ 156,677	\$ 162,411
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ 3,901	\$ 53,326	\$ 201,629	\$ 293,268	\$ 314,887
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ 7	\$ 7,304	\$ 21,375	\$ 10,449	\$ 32,967
Amortization Expense	\$ -	\$ -	\$ 2,324	\$ 26,611	\$ 99,758	\$ 156,677	\$ 162,411
Interest Expense	\$ -	\$ -	\$ 679	\$ 9,055	\$ 33,973	\$ 53,238	\$ 50,439
Net Income for Taxes/PILs	\$ -	\$ -	\$ 891	\$ 10,356	\$ 46,522	\$ 72,903	\$ 69,070
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ -	\$ 73.42	\$ 1,757.24	\$ 3,586.84	\$ 27,122.05	\$ 30,324.07
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ -	\$ 3,974	\$ 51,569	\$ 198,042	\$ 320,390	\$ 345,211



Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ 36,907.20	\$ 410,811.26	\$ 1,786,704.66	\$ 1,743,807.24
Capital Additions	\$ -	\$ -	\$ 38,445.00	\$ 392,559.00	\$ 1,467,456.56	\$ 104,207.24	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ 38,445.00	\$ 429,466.20	\$ 1,878,267.82	\$ 1,890,911.90	\$ 1,743,807.24
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ 19,222.50	\$ 196,279.50	\$ 733,728.28	\$ 52,103.62	\$ -
Reduced UCC	\$ -	\$ -	\$ 19,222.50	\$ 233,186.70	\$ 1,144,539.54	\$ 1,838,808.28	\$ 1,743,807.24
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ 1,537.80	\$ 18,654.94	\$ 91,563.16	\$ 147,104.66	\$ 139,504.58
Closing UCC	\$ -	\$ -	\$ 36,907.20	\$ 410,811.26	\$ 1,786,704.66	\$ 1,743,807.24	\$ 1,604,302.66

UCC - Computer Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ 4,536.33	\$ 59,009.67	\$ 6,810.09	\$ 6,780.52
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ 63,289.00	\$ -	\$ -	\$ -
Capital Additions Computer Software	\$ -	\$ -	\$ 6,257.00	\$ 15,288.00	\$ 13,620.18	\$ 13,561.03	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ 6,257.00	\$ 83,113.33	\$ 72,629.85	\$ 20,371.12	\$ 6,780.52
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ 3,128.50	\$ 39,288.50	\$ 6,810.09	\$ 6,780.52	\$ -
Reduced UCC	\$ -	\$ -	\$ 3,128.50	\$ 43,824.83	\$ 65,819.76	\$ 13,590.61	\$ 6,780.52
CCA Rate Class	45	50	50	50	50	50	50
CCA Rate	45%	55%	55%	55%	100%	100%	100%
CCA	\$ -	\$ -	\$ 1,720.68	\$ 24,103.65	\$ 65,819.76	\$ 13,590.61	\$ 6,780.52
Closing UCC	\$ -	\$ -	\$ 4,536.33	\$ 59,009.67	\$ 6,810.09	\$ 6,780.52	\$ -

UCC - General Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Audited Actua	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	8	8	8	8	8	8	8
CCA Rate	20%	20%	20%	20%	20%	20%	20%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 and later Forecast
INCOME TAX							
Net Income	\$ -	\$ -	\$ 890.61	\$ 10,355.73	\$ 46,522.27	\$ 72,903.16	\$ 69,070.24
Amortization	\$ -	\$ -	\$ 2,324.33	\$ 26,610.87	\$ 99,758.32	\$ 156,677.31	\$ 162,411.06
CCA - Smart Meters	\$ -	\$ -	\$ 1,537.80	\$ 18,654.94	\$ 91,563.16	\$ 147,104.66	\$ 139,504.58
CCA - Computers	\$ -	\$ -	\$ 1,720.68	\$ 24,103.65	\$ 65,819.76	\$ 13,590.61	\$ 6,780.52
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ -	\$ 43.53	\$ 5,792.00	\$ 11,102.34	\$ 68,885.21	\$ 85,196.20
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Income Taxes Payable	\$ -	\$ -	\$ 14.58	\$ 1,911.36	\$ 3,441.72	\$ 19,460.07	\$ 22,364.00
ONTARIO CAPITAL TAX							
Smart Meters	\$ -	\$ -	\$ 37,163.50	\$ 414,074.20	\$ 1,803,881.94	\$ 1,778,051.57	\$ 1,644,540.38
Computer Hardware	\$ -	\$ -	\$ -	\$ 56,960.10	\$ 44,302.30	\$ 31,644.50	\$ 18,986.70
Computer Software (Including Application Software)	\$ -	\$ -	\$ 5,214.17	\$ 15,868.50	\$ 20,036.98	\$ 19,616.12	\$ 3,374.05
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ -	\$ 42,377.67	\$ 486,902.80	\$ 1,868,221.22	\$ 1,829,312.18	\$ 1,666,901.13
Less: Exemption							
Deemed Taxable Capital	\$ -	\$ -	\$ 42,377.67	\$ 486,902.80	\$ 1,868,221.22	\$ 1,829,312.18	\$ 1,666,901.13
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ 95.35	\$ 1,095.53	\$ 1,401.17	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ -	\$ 14.58	\$ 1,911.36	\$ 3,441.72	\$ 19,460.07	\$ 22,364.00
Change in OCT	\$ -	\$ -	\$ 95.35	\$ 1,095.53	\$ 1,401.17	\$ -	\$ -
PILs	\$ -	\$ -	\$ 80.77	\$ 815.83	\$ 2,040.56	\$ 19,460.07	\$ 22,364.00
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Change in Income Taxes Payable	\$ -	\$ -	\$ 21.93	\$ 2,852.77	\$ 4,988.01	\$ 27,122.05	\$ 30,324.07
Change in OCT	\$ -	\$ -	\$ 95.35	\$ 1,095.53	\$ 1,401.17	\$ -	\$ -
PILs	\$ -	\$ -	\$ 73.42	\$ 1,757.24	\$ 3,586.84	\$ 27,122.05	\$ 30,324.07





Ontario Energy Board

Smart Meter Model

Cambridge and North Dumfries Hydro Inc.

This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2006 Q1			Jan-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$ -	\$ -	0.00%	\$ -	\$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$ -	\$ -	4.14%	\$ -	\$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$ -	\$ -	4.14%	\$ -	\$ -		
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ -	\$ 727.64	4.14%	\$ -	\$ 727.64		\$ 0.27
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 727.64	\$ 1,049.52	4.59%	\$ 2.78	\$ 1,779.94		\$ 0.27
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 1,777.16	\$ 1,225.29	4.59%	\$ 6.80	\$ 3,009.25		\$ 0.27
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 3,002.45	\$ 1,140.20	4.59%	\$ 11.48	\$ 4,154.13		\$ 0.27
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 4,142.65	\$ 1,186.55	4.59%	\$ 15.85	\$ 5,345.05		\$ 0.27
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 5,329.20	\$ 1,222.75	4.59%	\$ 20.38	\$ 6,572.33		\$ 0.27
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 6,551.95	\$ 1,143.09	4.59%	\$ 25.06	\$ 7,720.10	\$ 7,777.39	\$ 0.27
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 7,695.04	\$ 1,184.42	4.59%	\$ 29.43	\$ 8,908.89		\$ 0.27
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 8,879.46	\$ 1,200.90	4.59%	\$ 33.96	\$ 10,114.32		\$ 0.27
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 10,080.36	\$ 1,188.30	4.59%	\$ 38.56	\$ 11,307.22		\$ 0.27
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 11,268.66	\$ 1,201.31	4.59%	\$ 43.10	\$ 12,513.07		\$ 0.27
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 12,469.97	\$ 1,195.92	4.59%	\$ 47.70	\$ 13,713.59		\$ 0.27
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 13,665.89	\$ 1,209.14	4.59%	\$ 52.27	\$ 14,927.30		\$ 0.27
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 14,875.03	\$ 1,196.62	4.59%	\$ 56.90	\$ 16,128.55		\$ 0.27
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 16,071.65	\$ 1,244.19	4.59%	\$ 61.47	\$ 17,377.31		\$ 0.27
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 17,315.84	\$ 1,156.67	4.59%	\$ 66.23	\$ 18,538.74		\$ 0.27
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 18,472.51	\$ 1,211.76	5.14%	\$ 79.12	\$ 19,763.39		\$ 0.27
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 19,684.27	\$ 1,258.29	5.14%	\$ 84.31	\$ 21,026.87		\$ 0.27
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	\$ 20,942.56	\$ 1,156.47	5.14%	\$ 89.70	\$ 22,188.73	\$ 15,086.74	\$ 0.27
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	\$ 22,099.03	\$ 1,214.62	5.14%	\$ 94.66	\$ 23,408.31		\$ 0.27
2012 Q2		4.29%	Feb-08	2008	Q1	\$ 23,313.65	\$ 1,236.32	5.14%	\$ 99.86	\$ 24,649.83		\$ 0.27
2012 Q3		4.29%	Mar-08	2008	Q1	\$ 24,549.97	\$ 1,213.38	5.14%	\$ 105.16	\$ 25,868.51		\$ 0.27
2012 Q4		4.29%	Apr-08	2008	Q2	\$ 25,763.35	\$ 1,240.16	4.08%	\$ 87.60	\$ 27,091.11		\$ 0.27
			May-08	2008	Q2	\$ 27,003.51	\$ 1,222.53	4.08%	\$ 91.81	\$ 28,317.85		\$ 0.27
			Jun-08	2008	Q2	\$ 28,226.04	\$ 1,238.54	4.08%	\$ 95.97	\$ 29,560.55		\$ 0.27
			Jul-08	2008	Q3	\$ 29,464.58	\$ 1,266.08	3.35%	\$ 82.26	\$ 30,812.92		\$ 0.27
			Aug-08	2008	Q3	\$ 30,730.66	\$ 1,200.40	3.35%	\$ 85.79	\$ 32,016.85		\$ 0.27
			Sep-08	2008	Q3	\$ 31,931.06	\$ 1,221.96	3.35%	\$ 89.14	\$ 33,242.16		\$ 0.27
			Oct-08	2008	Q4	\$ 33,153.02	\$ 1,294.94	3.35%	\$ 92.55	\$ 34,540.51		\$ 0.27
			Nov-08	2008	Q4	\$ 34,447.96	\$ 1,170.34	3.35%	\$ 96.17	\$ 35,714.47		\$ 0.27
			Dec-08	2008	Q4	\$ 35,618.30	\$ 1,235.03	3.35%	\$ 99.43	\$ 36,952.76	\$ 15,874.70	\$ 0.27
			Jan-09	2009	Q1	\$ 36,853.33	\$ 1,214.80	2.45%	\$ 75.24	\$ 38,143.37		\$ 0.27
			Feb-09	2009	Q1	\$ 38,068.13	\$ 1,244.66	2.45%	\$ 77.72	\$ 39,390.51		\$ 0.27
			Mar-09	2009	Q1	\$ 39,312.79	\$ 1,209.52	2.45%	\$ 80.26	\$ 40,602.57		\$ 0.27
			Apr-09	2009	Q2	\$ 40,522.31	\$ 1,245.08	1.00%	\$ 33.77	\$ 41,801.16		\$ 0.27
			May-09	2009	Q2	\$ 41,767.39	\$ 1,503.95	1.00%	\$ 34.81	\$ 43,306.15		\$ 1.00
			Jun-09	2009	Q2	\$ 43,271.34	\$ 3,071.78	1.00%	\$ 36.06	\$ 46,379.18		\$ 1.00
			Jul-09	2009	Q3	\$ 46,343.12	\$ 4,273.96	0.55%	\$ 21.24	\$ 50,638.32		\$ 1.00
			Aug-09	2009	Q3	\$ 50,617.08	\$ 4,607.76	0.55%	\$ 23.20	\$ 55,248.04		\$ 1.00
			Sep-09	2009	Q3	\$ 55,224.84	\$ 4,479.72	0.55%	\$ 25.31	\$ 59,729.87		\$ 1.00
			Oct-09	2009	Q4	\$ 59,704.56	\$ 4,634.19	0.55%	\$ 27.36	\$ 64,366.11		\$ 1.00
			Nov-09	2009	Q4	\$ 64,338.75	\$ 4,495.97	0.55%	\$ 29.49	\$ 68,864.21		\$ 1.00
			Dec-09	2009	Q4	\$ 68,834.72	\$ 4,626.68	0.55%	\$ 31.55	\$ 73,492.95	\$ 37,104.08	\$ 1.00
			Jan-10	2010	Q1	\$ 73,461.40	\$ 3,927.89	0.55%	\$ 33.67	\$ 77,422.96		\$ 1.00
			Feb-10	2010	Q1	\$ 77,389.29	\$ 4,703.40	0.55%	\$ 35.47	\$ 82,128.16		\$ 1.00
			Mar-10	2010	Q1	\$ 82,092.69	\$ 4,510.69	0.55%	\$ 37.63	\$ 86,641.01		\$ 1.00
			Apr-10	2010	Q2	\$ 86,603.38	\$ 4,908.09	0.55%	\$ 39.69	\$ 91,551.16		\$ 1.00
			May-10	2010	Q2	\$ 91,511.47	\$ 4,115.17	0.55%	\$ 41.94	\$ 95,668.58		\$ 1.00
			Jun-10	2010	Q2	\$ 95,626.64	\$ 5,084.16	0.55%	\$ 43.83	\$ 100,754.63		\$ 1.00
			Jul-10	2010	Q3	\$ 100,710.80	\$ 4,300.01	0.89%	\$ 74.69	\$ 105,085.50		\$ 1.00
			Aug-10	2010	Q3	\$ 105,010.81	\$ 4,920.16	0.89%	\$ 77.88	\$ 110,008.85		\$ 1.00
			Sep-10	2010	Q3	\$ 109,930.97	\$ 4,311.66	0.89%	\$ 81.53	\$ 114,324.16		\$ 1.00
			Oct-10	2010	Q4	\$ 114,242.63	\$ 4,708.70	1.20%	\$ 114.24	\$ 119,065.57		\$ 1.00
			Nov-10	2010	Q4	\$ 118,951.33	\$ 4,478.21	1.20%	\$ 118.95	\$ 123,548.49		\$ 1.00
			Dec-10	2010	Q4	\$ 123,429.54	\$ 4,898.63	1.20%	\$ 123.43	\$ 128,451.60	\$ 55,689.72	\$ 1.00
			Jan-11	2011	Q1	\$ 128,328.17	\$ 4,288.12	1.47%	\$ 157.20	\$ 132,773.49		\$ 1.00
			Feb-11	2011	Q1	\$ 132,616.29	\$ 4,670.45	1.47%	\$ 162.45	\$ 137,449.19		\$ 1.00
			Mar-11	2011	Q1	\$ 137,286.74	\$ 4,565.98	1.47%	\$ 168.18	\$ 142,020.90		\$ 1.00
			Apr-11	2011	Q2	\$ 141,852.72	\$ 4,621.21	1.47%	\$ 173.77	\$ 146,647.70		\$ 1.00
			May-11	2011	Q2	\$ 146,473.93	\$ 4,098.04	1.47%	\$ 179.43	\$ 150,751.40		\$ 1.61
			Jun-11	2011	Q2	\$ 150,571.97	\$ 6,333.32	1.47%	\$ 184.45	\$ 157,089.74		\$ 1.61
			Jul-11	2011	Q3	\$ 156,905.29	\$ 5,473.74	1.47%	\$ 192.21	\$ 162,571.24		\$ 1.61
			Aug-11	2011	Q3	\$ 162,379.03	\$ 9,901.88	1.47%	\$ 198.91	\$ 172,479.82		\$ 1.61
			Sep-11	2011	Q3	\$ 172,280.91	\$ 7,736.21	1.47%	\$ 211.04	\$ 180,228.16		\$ 1.61
			Oct-11	2011	Q4	\$ 180,017.12	\$ 7,084.60	1.47%	\$ 220.52	\$ 187,322.24		\$ 1.61
			Nov-11	2011	Q4	\$ 187,101.72	\$ 8,070.40	1.47%	\$ 229.20	\$ 195,401.32		\$ 1.61
			Dec-11	2011	Q4	\$ 195,172.12	\$ 7,101.57	1.47%	\$ 239.09	\$ 202,512.78	\$ 76,261.97	\$ 1.61
			Jan-12	2012	Q1	\$ 202,273.69	\$ 8,422.98	1.47%	\$ 247.79	\$ 210,944.46		\$ 1.61
			Feb-12	2012	Q1	\$ 210,696.67	\$ 7,557.92	1.47%	\$ 258.10	\$ 218,512.69		\$ 1.61



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP				Opening Balance	Funding Adder	Interest				Board Approved Smart
			Date	Year	Quarter	(Principal)	Revenues	Rate	Interest	Closing Balance	Annual amounts	Meter Funding Adder (from Tariff)
			Mar-12	2012	Q1	\$ 218,254.59	\$ 9,096.19	1.47%	\$ 267.36	\$ 227,618.14		\$ 1.61
			Apr-12	2012	Q2	\$ 227,350.78	\$ 9,200.00	1.47%	\$ 278.50	\$ 236,829.28		\$ 1.61
			May-12	2012	Q2	\$ 236,550.78	-\$ 28,768.00	0.00%	-	\$ 207,782.78		
			Jun-12	2012	Q2	\$ 207,782.78	-\$ 28,768.00	0.00%	-	\$ 179,014.78		
			Jul-12	2012	Q3	\$ 179,014.78	-\$ 28,768.00	0.00%	-	\$ 150,246.78		
			Aug-12	2012	Q3	\$ 150,246.78	-\$ 28,768.00	0.00%	-	\$ 121,478.78		
			Sep-12	2012	Q3	\$ 121,478.78	\$ -	0.00%	-	\$ 121,478.78		
			Oct-12	2012	Q4	\$ 121,478.78	\$ -	0.00%	-	\$ 121,478.78		
			Nov-12	2012	Q4	\$ 121,478.78	\$ -	0.00%	-	\$ 121,478.78		
			Dec-12	2012	Q4	\$ 121,478.78		0.00%	-	\$ 121,478.78	-\$ 79,743.16	
Total Funding Adder Revenues Collected						\$ 121,478.78			\$ 6,572.66	\$ 128,051.44	\$ 128,051.44	



Cambridge and North Dumfries Hydro Inc.

This worksheet calculates the interest on OM&A and amortization/depr

Account 1556 - Su

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	\$ -
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-

2011 Q4	1.47%	4.29%		Dec-07	2007	Q4	-
2012 Q1	1.47%	4.29%		Jan-08	2008	Q1	-
2012 Q2	0.00%	4.29%		Feb-08	2008	Q1	-
2012 Q3	0.00%	4.29%		Mar-08	2008	Q1	-
2012 Q4	0.00%	4.29%		Apr-08	2008	Q2	-
				May-08	2008	Q2	-
				Jun-08	2008	Q2	-
				Jul-08	2008	Q3	-
				Aug-08	2008	Q3	-
				Sep-08	2008	Q3	-
				Oct-08	2008	Q4	-
				Nov-08	2008	Q4	-
				Dec-08	2008	Q4	-
				Jan-09	2009	Q1	-
				Feb-09	2009	Q1	-
				Mar-09	2009	Q1	-
				Apr-09	2009	Q2	-
				May-09	2009	Q2	-
				Jun-09	2009	Q2	-
				Jul-09	2009	Q3	-
				Aug-09	2009	Q3	-
				Sep-09	2009	Q3	-
				Oct-09	2009	Q4	-
				Nov-09	2009	Q4	-
				Dec-09	2009	Q4	-
				Jan-10	2010	Q1	-
				Feb-10	2010	Q1	-
				Mar-10	2010	Q1	-
				Apr-10	2010	Q2	-
				May-10	2010	Q2	-
				Jun-10	2010	Q2	-
				Jul-10	2010	Q3	-
				Aug-10	2010	Q3	-
				Sep-10	2010	Q3	-
				Oct-10	2010	Q4	-
				Nov-10	2010	Q4	-
				Dec-10	2010	Q4	-
				Jan-11	2011	Q1	-
				Feb-11	2011	Q1	-
				Mar-11	2011	Q1	-
				Apr-11	2011	Q2	-
				May-11	2011	Q2	-
				Jun-11	2011	Q2	-
				Jul-11	2011	Q3	-
				Aug-11	2011	Q3	-
				Sep-11	2011	Q3	-
				Oct-11	2011	Q4	-
				Nov-11	2011	Q4	-
				Dec-11	2011	Q4	-

	Jan-12	2012	Q1	-
	Feb-12	2012	Q1	-
	Mar-12	2012	Q1	-
	Apr-12	2012	Q2	-
	May-12	2012	Q2	-
	Jun-12	2012	Q2	-
	Jul-12	2012	Q3	-
	Aug-12	2012	Q3	-
	Sep-12	2012	Q3	-
	Oct-12	2012	Q4	-
	Nov-12	2012	Q4	-
	Dec-12	2012	Q4	-



preciation expense, based on monthly data.

ib-accounts Operating Expenses, Amortization Expenses, Carrying Charges

OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
		-	0.00%	-	-
		-	0.00%	-	-
		-	0.00%	-	-
		-	4.14%	-	-
		-	4.14%	-	-
		-	4.14%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	4.59%	-	-
		-	5.14%	-	-
		-	5.14%	-	-

\$ - \$ - \$

-	1.47%	-	-
-	1.47%	-	-
-	1.47%	-	-
-	1.47%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-
-	0.00%	-	-

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EXHIBIT C

Tariff of Rates and Charges effective September 1, 2012

To Draft Rate Order

Cambridge and North Dumfries Hydro Inc. EB-2012-0086

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

RESIDENTIAL SERVICE CLASSIFICATION

Residential refers to the supply of electrical energy to detached, semi-detached, and row-housing units (freehold or condominium). This classification typically refers to an account taking electricity at 750 volts or less where electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex, or quadruplex house, with a residential zoning. Separate metered dwellings within a town house complex, condominium, or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.04
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service-based rate order	\$	1.33
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	0.0003
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - effective until April 30, 2013	\$/kWh	0.0003
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartment buildings that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the ONtario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.86
Rate Rider for Disposition of Residual Historical Smart Meter Costs - Effective until April 30, 2014	\$	4.85
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service-based rate order	\$	3.72
Distribution Volumetric Rate	\$/kWh	0.0126
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	0.0002
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - effective until April 30, 2013	\$/kWh	0.0002
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementaion Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartments that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	108.83
Distribution Volumetric Rate	\$/kW	3.6658
Low Voltage Service Rate	\$/kW	0.0290
Rate Rider for Deferral/Variance Account Disposition (2012) effective until April 30, 2013	\$/kW	0.0383
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012)		
- effective until April 30, 2013	\$/kW	0.0149
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.0255)
Retail Transmission Rate – Network Service Rate	\$/kW	3.5962
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	2.2128

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartments that are bulk metered will be billed at the appropriate General Service rate. This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	904.41
Distribution Volumetric Rate	\$/kW	3.1933
Low Voltage Service Rate	\$/kW	0.0228
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	0.0173
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012)		0
- effective until April 30, 2013	\$/kW	0.0255
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.0219)
Retail Transmission Rate – Network Service Rate	\$/kW	2.7313
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7366

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementaion Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

LARGE USE SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartments that are bulk metered will be billed at the appropriate General Service rate. This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7747.90
Distribution Volumetric Rate	\$/kW	2.1516
Low Voltage Service Rate	\$/kW	0.0232
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	0.0009
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - effective until April 30, 2013	\$/kW	0.0079
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.0160)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5882
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7677

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

General Service refers to the supply of electrical energy to business customers, to bulk-metered residential buildings and to combined residential and business or residential and agricultural buildings. Apartments that are bulk metered will be billed at the appropriate General Service rate. This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.04
Distribution Volumetric Rate	\$/kWh	0.0150
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	0.0004
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date September 1, 2012

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EB-2012-0086

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry or Transportation, and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.03
Distribution Volumetric Rate	\$/kW	12.9488
Low Voltage Service Rate	\$/kW	0.0146
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	0.1729
Rate Rider for Tax Change - Effective Until April 30, 2013	\$/kW	(0.1500)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8072
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1120

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementaion Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licenced by the Board, that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Monthly Distribution Wheeling Service Rate – Waterloo North Hydro	\$/kW	0.9732
Rate Rider for Tax Change - Waterloo North Hydro - effective until April 30, 3013	\$/kW	(0.0057)
Monthly Distribution Wheeling Service Rate – Hydro One Networks	\$/kW	0.9113
Rate Rider for Tax Change - Hydro One Networks - effective until April 30, 3013	\$/kW	(0.0053)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	0.0164
Retail Transmission Rate – Network Service Rate	\$/kW	2.5882
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7677

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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Cambridge and North Dumfries Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2012-0086

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
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Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Specific Charge for Access to the Power Poles - per pole/year	\$	22.35

Cambridge and North Dumfries Hydro Inc.
TARIFF OF RATES AND CHARGES

Effective and Implementation Date September 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factor will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0286
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0103
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0183
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0003

EXHIBIT D

Customer Rate Impact Schedules

To Draft Rate Order

Cambridge and North Dumfries Hydro Inc. EB-2012-0086

Name of LDC: Cambridge and North Dumfries Hydro Inc.
File Number: EB-2012-0086
Effective Date: September 1, 2012

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	10.04	10.04
SMDR and SMIRR - Effective until April 30, 2014	\$	-	1.3300
Distribution Volumetric Rate	\$/kWh	0.0162	0.0162
Low Voltage Volumetric Rate	\$/kWh	0.0001	0.0001
LRAM Rate Rider - Effective until April 30, 2013	\$/kWh	0.0003	0.0003
Rate Rider for Deferral/Variance Account Distribution (2012) - until April 30, 2013	\$/kWh	0.0003	0.0003
Rate Rider for Tax Change	\$/kWh	- 0.0002	- 0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0038	0.0038
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	800	kWh	0	kW
RPP Tier One	600	kWh	Load Factor	

Loss Factor 1.0286

Residential	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0750	45.00	600	0.0750	45.00	0.00	0.0%	40.71%
Energy Second Tier (kWh)	223	0.0880	19.62	223	0.0880	19.62	0.00	0.0%	17.75%
Sub-Total: Energy			64.62			64.62	0.00	0.0%	58.46%
Service Charge	1	10.04	10.04	1	10.04	10.04	0.00	0.0%	9.08%
SMDR and SMIRR - Effective until April 30, 2014	1	0.00	0.00	1	1.33	1.33	1.33	#DIV/0!	1.20%
Distribution Volumetric Rate	800	0.0162	12.96	800	0.0162	12.96	0.00	0.0%	11.72%
LRAM Rate Rider - Effective until April 30, 2013	800	0.0003	0.24	800	0.0003	0.24	0.00	N/A	0.22%
Low Voltage Volumetric Rate	800	0.0001	0.08	800	0.0001	0.08	0.00	0.0%	0.07%
Rate Rider for Deferral/Variance Account Distribution (2012) - until April 30, 2013	800	0.0003	0.24	800	0.0003	0.24	0.00	0.0%	0.22%
Rate Rider for Tax Change	800	-0.0002	-0.16	800	-0.0002	-0.16	0.00	0.0%	-0.14%
Total: Distribution			23.40		11.39	24.73	1.33	5.7%	22.37%
Retail Transmission Rate – Network Service Rate	823	0.0063	5.18	823	0.0063	5.18	0.00	0.0%	4.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	823	0.0038	3.13	823	0.0038	3.13	0.00	0.0%	2.83%
Total: Retail Transmission			8.31			8.31	0.00	0.0%	7.52%
Sub-Total: Delivery (Distribution and Retail Transmission)			31.71			33.04	1.33	4.2%	29.89%
Wholesale Market Service Rate	823	0.0052	4.28	823	0.0052	4.28	-0.00	(0.0)%	3.87%
Rural Rate Protection Charge	823	0.0011	0.91	823	0.0011	0.91	0.00	0.0%	0.82%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.23%
Sub-Total: Regulatory			5.43			5.43	-0.00	(0.0)%	4.92%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	5.07%
Total Bill before Taxes			107.37			108.70	1.33	1.2%	98.33%
HST		13%	13.96	94.68	0.13	14.13	0.17	1.2%	12.78%
Total Bill after Taxes			121.33			122.83	1.50	1.2%	111.11%
Ontario Clean Energy Benefit		-10%	-12.13			-12.28	-0.15	1.2%	-11.11%
Total Bill			109.20			110.55	1.35	1.2%	100.00%

Name of LDC: Cambridge and North Dumfries Hydro Inc.
File Number: EB-2012-0086
Effective Date: September 1, 2012

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.86	11.86
SMDR and SMIRR - effective until April 30, 2014	\$	-	8.57
Distribution Volumetric Rate	\$/kWh	0.0126	0.0126
LRAM Rate Rider - effective until April 30, 2013	\$/kWh	0.0002	0.0002
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	0.0002	0.0002
Rate Rider for Tax Change	\$/kWh	- 0.0001	- 0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0055	0.0055
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036	0.0036
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000 kWh	0 kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0286

General Service Less Than 50 kW	Volume	CURRENT RATE \$	CHARGE \$	Volume	PROPOSED RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0750	56.25	750	0.0750	56.25	0.00	0.0%	20.99%
Energy Second Tier (kWh)	1,308	0.0880	115.10	1,308	0.0880	115.10	0.00	0.0%	42.95%
Sub-Total: Energy			171.35			171.35	0.00	0.0%	63.94%
Service Charge	1	11.86	11.86	1	11.86	11.86	0.00	0.0%	4.43%
SMDR and SMIRR - effective until April 30, 2014	1	0.00	0.00	1	8.57	8.57	8.57	#DIV/0!	3.20%
Distribution Volumetric Rate	2,000	0.0126	25.20	2,000	0.0126	25.20	0.00	(4.6)%	9.40%
LRAM Rate Rider - effective until April 30, 2013	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.0%	0.15%
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	2,000	0.0002	0.40	2,000	0.0002	0.40	0.00	0.0%	0.15%
Rate Rider for Tax Change	2,000	-0.0001	-0.20	2,000	-0.0001	-0.20	0.00	55.6%	-0.07%
Total: Distribution			37.66			46.23	8.57	(12.3)%	17.25%
Retail Transmission Rate – Network Service Rate	2,058	0.0055	11.32	2,058	0.0055	11.32	0.00	2.6%	4.22%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,058	0.0036	7.41	2,058	0.0036	7.41	0.00	10.0%	2.76%
Total: Retail Transmission			18.73			18.73	0.00	5.8%	6.99%
Sub-Total: Delivery (Distribution and Retail Transmission)			56.39			64.96	8.57	(6.7)%	24.24%
Wholesale Market Service Rate	2,058	0.0052	10.70	2,058	0.0052	10.70	-0.00	0.0%	3.99%
Rural Rate Protection Charge	2,058	0.0011	2.26	2,058	0.0011	2.26	0.00	0.0%	0.84%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
Sub-Total: Regulatory			13.22			13.22	-0.00	0.0%	4.93%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.22%
Total Bill before Taxes			254.96			263.53	8.57	3.4%	98.33%
HST	254.96	13%	33.14	263.53	13%	34.26	1.11	3.4%	12.78%
Total Bill After Taxes			288.10			297.79	9.68	3.4%	111.11%
Ontario Clean Energy Benefits		-10%	-28.81			-29.78	-0.97	3.4%	-11.11%