



PETERBOROUGH DISTRIBUTION INC.

1867 Ashburnham Drive, PO Box 4125, Station Main
Peterborough ON, K9J 6Z5

June 29, 2012

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street, Suite 2700
Toronto, Ontario
M4P 1E4

Dear Ms. Walli

**Peterborough Distribution Inc.
2012 Smart Meter Cost Recovery
Amended Reply to Board Staff Submission- Draft Rate Order
Board File No. EB-2012-0008**

This response is an amendment to the response dated June 28, 2012. There are no changes to the smart meter model. The amount shown for PILS in the SMDR rate rider calculation was \$102,586 and should have been \$105,586. This correction results in an increase of \$.01 to the monthly SMDR rate rider for both the residential and GS<50 rate classes.

Please find accompanying this letter two hard copies of Peterborough Distribution Inc. reply to Board Staff comments on our Draft Rate Order submission. An updated draft tariff of rates and charges has also been enclosed.

Copies of this document have been provided to the Vulnerable Energy Consumers' Coalition ("VECC") as required in the Decision and Order.

Yours truly,

A handwritten signature in black ink, appearing to be 'BT', with a long horizontal line extending to the right.

Byron Thompson
Chief Financial Officer
Peterborough Distribution Inc.
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DRAFT RATE ORDER
2012 Smart Meter Cost Recovery
Peterborough Distribution Incorporated ("PDI")
EB-2012-0008

Treatment of Unauthorized Smart Meters

Further to the Board Staff comments on June 27, 2012, the Smart Meter Model previously submitted as Appendix B has been updated as recommended by Board Staff to add replacement meters prior to 2008 at gross book value in model in 2008. A copy of this model is provided in this submission under Appendix B.

This model was then utilized to recalculate both the SMDR and SMIRR rate riders.

Smart Meter Disposition Riders (SMDRs)

The annual components of each of the revenue requirements for this rate rider are summarized in Appendix A, based on the Smart Meter Model provided in Appendix B.

Smart Meter Actual Cost Recovery Rate Rider - SMDR Calculated by Rate Class			
	Total	Residential	GS < 50
Allocators			
Direct Meter Cost - \$'s	\$ 3,820,478	\$ 2,729,211	\$ 1,091,267
Direct Meter Cost - %	100.00%	71.40%	28.60%
Number of meters installed	34,967	31,375	3,592
Number of meters installed	100.00%	89.73%	10.27%
Return on Equity	\$ 895,419	\$ 639,329	\$ 256,090
Amortization	\$ 1,052,841	\$ 751,728	\$ 301,113
OM&A	\$ 172,347	\$ 154,643	\$ 17,704
Total Before PILs	\$ 2,120,607	\$ 1,545,700	\$ 574,907
PILs	\$ 105,586	\$ 76,961	\$ 28,625
Total Revenue Requirement 2006 to 2011	\$ 2,226,193	\$ 1,622,661	\$ 603,532
	100.00%	72.89%	27.11%
Smart Meter Rate Adder Revenues	(\$1,476,419)	(\$1,315,503)	(\$160,916)
Carrying Charge	(\$61,142)	(\$54,478)	(\$6,664)
Smart Meter True-up	\$ 688,633	\$ 252,681	\$ 435,952
Metered Customers	34,967	31,375	3,592
Rate Rider to Recover Smart Meter Costs - 22 Months	\$ 0.90	\$ 0.37	\$ 5.52

Smart Meter Incremental Revenue Requirement Rate Rider (“SMIRRs”)

The SMIRRs calculation, based on the updated Smart Meter Model is provided below.

Smart Meter Actual Cost Recovery Rate Rider - SMIRR			
Calculated by Rate Class			
	Total	Residential	GS < 50
Allocators			
Direct Meter Cost - \$'s	\$ 3,820,478	\$ 2,729,211	\$ 1,091,267
Direct Meter Cost - %	100.00%	71.44%	28.56%
Number of meters installed	34,967	31,375	3,592
Number of meters installed	100.00%	89.73%	10.27%
Total Return (deemed interest plus return on equity)	\$ 297,198	\$ 212,307	\$ 84,891
Amortization	\$ 410,764	\$ 293,435	\$ 117,329
OM&A	\$ -	\$ -	\$ -
Total Before PILs	\$ 707,962	\$ 505,742	\$ 202,220
PILs	\$ 64,825	\$ 46,309	\$ 18,516
Total Revenue Requirement 2006 to 2011	\$ 772,787	\$ 552,051	\$ 220,736
	100.00%	71.44%	28.56%
Smart Meter Rate Adder Revenues	\$0		
Carrying Charge	\$0		
Smart Meter True-up	\$ 772,787	\$ 552,051	\$ 220,736
Metered Customers	34,967	31,375	3,592
Rate Rider to Recover Smart Meter Costs -10 months	\$ 2.21	\$ 1.76	\$ 6.15

A draft tariff of rates and charges, including SMDRs and SMIRR as calculated above is provided in Appendix C.

Cost Allocation

As requested in the Board Staff Submission details concerning the calculation of the revenues by class are provided below:

SMART METER REVENUE ALLOCATION									
	2006	2007	2008	2009	2010	2011	2012	Total Funding Adder	Total Revenue incl Interest
SMFA Revenues:									
Residential	53,314	92,492	93,786	205,148	364,333	372,097	126,270	1,307,440	
GS<50	6,410	11,158	11,240	23,991	42,983	42,834	14,240	152,854	
GS>50	659	1,145	1,144	2,440	4,412	4,664	1,576	16,039	
LU	4	6	6	14	24	24	8	86	
Total	60,386	104,801	106,176	231,592	411,751	419,618	142,094	1,476,419	
Allocated non-participating class revenues:									
Residential SMFA	53,314	92,492	93,786	205,148	364,333	372,097	126,270	1,307,440	
+50% GS>50 & LU	331	576	575	1,227	2,218	2,344	792	8,063	
Residential Revenue	53,645	93,068	94,361	206,375	366,551	374,441	127,062	1,315,503	54,478
GS>50 SMFA	6,410	11,158	11,240	23,991	42,983	42,834	14,240	152,856	
+50% GS>50 & LU	331	575	575	1,226	2,218	2,343	792	8,060	
GS<50 Revenue	6,741	11,733	11,815	25,217	45,201	45,177	15,032	160,916	6,664
Total Revenue	60,386	104,801	106,176	231,592	411,751	419,618	142,094	1,476,419	61,142
									1,537,561

Appendix A

Peterborough Distribution Inc.

EB-2012-0008

Smart Meter Draft Rate Order

SMDRs - Revenue Requirement components

Smart Meter
Model
27-Jun

Return on Capital

2006	584
2007	1,384
2008	38,457
2009	201,247
2010	331,374
2011	322,373
	<hr/>
	895,419

Amortization

2006	535
2007	1,306
2008	36,632
2009	220,165
2010	386,562
2011	407,641
	<hr/>
	1,052,841

OM&A

2006	
2007	
2008	
2009	81,649
2010	90,698
2011	
	<hr/>
	172,347

PILS

2006	183.58
2007	397.44
2008	8,775.61
2009	18,606.23
2010	26,100.91
2011	51,522.21
	<hr/>
	105,585.98

Total	<hr/>
	2,226,193

APPENDIX B

Peterborough Distribution Inc.
EB-2012-0008

SMART METER MODEL

Rev = 2012 06 27

- Model updated to remove Meter costs prior to Approval
- The unamortized balance of 2006 and 2007 meter costs are treated as additions in 2008 at Gross Book Value



Ontario Energy Board

Smart Meter Model

Choose Your Utility:

Peterborough Distribution Incorporated

PowerStream Inc. - Barrie

Application Contact Information

Name: Byron Thompson

Title: Chief Financial Officer

Phone Number: 705-748-9301 ext 1283

Email Address: bthompson@peterboroughutilities.ca

We are applying for rates effective: May 1, 2012

Last COS Re-based Year 2009

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

Peterborough Distribution Incorporated

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 Forecast	2012 and later Forecast	Total
Residential	120	70	3,525	26,811	545	295	9	31375
General Service < 50 kW	0	0	210	2,001	1,120	203	58	3592
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	120	70	3735	28812	1665	498	67	34967
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.34%	0.54%	11.22%	93.62%	98.38%	99.81%	100.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed	0	0	3	14	108	28	243	396
Other (please identify)								0
Total Number of Smart Meters installed or planned to be installed	120	70	3738	28826	1773	526	310	35363

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	Forecast	Forecast	
Smart Meter	14,796	5,333	736,314	2,808,802	408,303	50,738		\$ 4,024,286
Smart Meter	1,267	1,719	241,708	468,104	23,594	4,590		\$ 740,982
								\$ -
								\$ -
Total Advanced Metering Communications Devices (AMCD)	\$ 16,063	\$ 7,052	\$ 978,022	\$ 3,276,906	\$ 431,897	\$ 55,328	\$ -	\$ 4,765,268

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	Forecast	Forecast	
Smart Meter		0	20,656	160,303				\$ 180,959
								\$ -
Smart Meter				59,505				\$ 59,505
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)	\$ -	\$ -	\$ 20,656	\$ 219,808	\$ -	\$ -	\$ -	\$ 240,464

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	Forecast	Forecast	
Computer Hardware			11,200	17,767	15,910			\$ 44,877
Computer Software				195,498	19,125			\$ 214,623
								\$ -
	\$ -	\$ -	\$ 11,200	\$ 213,265	\$ 35,035	\$ -	\$ -	\$ 259,500

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	Forecast	Forecast	
Computer Software				43,560				\$ 43,560
	\$ -	\$ -	\$ -	\$ 43,560	\$ -	\$ -	\$ -	\$ 43,560

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	Forecast	Forecast	
Smart Meter				15,998	928	375		\$ 17,301
Computer Software				9,703				\$ 9,703
Smart Meter			20,452	72,661	726	11,307		\$ 105,146
								\$ -
Smart Meter				68,301		26,693		\$ 94,994
								\$ -
	\$ -	\$ -	\$ 20,452	\$ 166,663	\$ 1,654	\$ 38,375	\$ -	\$ 227,144
	\$ 16,063	\$ 7,052	\$ 1,030,330	\$ 3,920,202	\$ 468,586	\$ 93,703	\$ -	\$ 5,535,936

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	Forecast	Forecast	
								\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 16,063	\$ 7,052	\$ 1,030,330	\$ 3,920,202	\$ 468,586	\$ 93,703	\$ -	\$ 5,535,936

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.

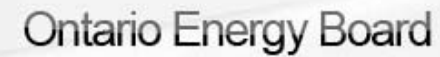
Total OM&A Costs Beyond Minimum Functionality

Total Smart Meter OM&A Costs

	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
				31,093				\$ 31,093
								\$ -
	\$ -	\$ -	\$ -	\$ 31,093	\$ -	\$ -	\$ -	\$ 31,093
				10,177				\$ 10,177
								\$ -
	\$ -	\$ -	\$ -	\$ 10,177	\$ -	\$ -	\$ -	\$ 10,177
								\$ -
				1,502	20,845			\$ 22,347
								\$ -
	\$ -	\$ -	\$ -	\$ 1,502	\$ 20,845	\$ -	\$ -	\$ 22,347
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ 38,877	\$ 69,853	\$ -	\$ -	\$ 108,730
								\$ -
	\$ -	\$ -	\$ -	\$ 38,877	\$ 69,853	\$ -	\$ -	\$ 108,730
	\$ -	\$ -	\$ -	\$ 81,649	\$ 90,698	\$ -	\$ -	\$ 172,347
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast		
								\$ -
								\$ -
								\$ -
								\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ 81,649	\$ 90,698	\$ -	\$ -	\$ 172,347

3 Aggregate Smart Meter Costs by Category

3.1	Capital																
3.1.1	Smart Meter	\$	16,063	\$	7,052	\$	1,019,130	\$	3,653,674	\$	433,551	\$	93,703	\$	-	\$	5,223,173
3.1.2	Computer Hardware	\$	-	\$	-	\$	11,200	\$	17,767	\$	15,910	\$	-	\$	-	\$	44,877
3.1.3	Computer Software	\$	-	\$	-	\$	-	\$	248,761	\$	19,125	\$	-	\$	-	\$	267,886
3.1.4	Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.5	Other Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.6	Applications Software	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.7	Total Capital Costs	\$	16,063	\$	7,052	\$	1,030,330	\$	3,920,202	\$	468,586	\$	93,703	\$	-	\$	5,535,936
3.2	OM&A Costs																
3.2.1	Total OM&A Costs	\$	-	\$	-	\$	-	\$	81,649	\$	90,698	\$	-	\$	-	\$	172,347



	2006	2007	2008	2009	2010	2011	2012 and later
Cost of Capital							
Capital Structure¹							
Deemed Short-term Debt Capitalization			0.0%	4.0%	4.0%	4.0%	4.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	53.3%	52.7%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%
Preferred Shares	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters							
Deemed Short-term Debt Rate			4.50%	1.33%	1.33%	1.33%	1.33%
Long-term Debt Rate (actual/embedded/deemed) ²	6.04%	6.04%	6.04%	6.59%	6.59%	6.59%	6.59%
Target Return on Equity (ROE)	9.0%	9.00%	9.00%	8.01%	8.01%	8.01%	8.01%
Return on Preferred Shares	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
WACC	7.52%	7.52%	7.42%	6.99%	6.95%	6.95%	6.95%
Working Capital Allowance							
Working Capital Allowance Rate	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
(% of the sum of Cost of Power + controllable expenses)							

Taxes/PILs

Aggregate Corporate Income Tax Rate
Capital Tax (until July 1st, 2010)

36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%

Depreciation Rates

(expressed as expected useful life in years)

Smart Meters - years
- rate (%)
Computer Hardware - years
- rate (%)
Computer Software - years
- rate (%)
Tools & Equipment - years
- rate (%)
Other Equipment - years
- rate (%)

15	15	15	15	15	15	15
6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
5	5	5	5	5	5	5
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
5	5	5	5	5	5	5
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

CCA Rates

Smart Meters - CCA Class
Smart Meters - CCA Rate

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

Computer Equipment - CCA Class
Computer Equipment - CCA Rate

45	50	50	50	50	50	50
45%	55%	55%	55%	55%	55%	55%

General Equipment - CCA Class
General Equipment - CCA Rate

Applications Software - CCA Class
Applications Software - CCA Rate

45	50	50	50	50	50	50
45%	55%	55%	55%	55%	55%	55%

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

Peterborough Distribution Incorporated

	2006	2007	2008	2009	2010	2011	2012 and later
Net Fixed Assets - Smart Meters							
Gross Book Value							
Opening Balance		\$ 16,063	\$ 23,115	\$ 1,042,245	\$ 4,695,919	\$ 5,129,470	\$ 5,223,173
Capital Additions during year (from Smart Meter Costs)	\$ 16,063	\$ 7,052	\$ 1,019,130	\$ 3,653,674	\$ 433,551	\$ 93,703	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ 16,063	\$ 23,115	\$ 1,042,245	\$ 4,695,919	\$ 5,129,470	\$ 5,223,173	\$ 5,223,173
Accumulated Depreciation							
Opening Balance		-\$ 535	-\$ 1,841	-\$ 37,353	-\$ 228,626	-\$ 556,138	-\$ 901,227
Amortization expense during year	-\$ 535	-\$ 1,306	-\$ 35,512	-\$ 191,272	-\$ 327,513	-\$ 345,088	-\$ 348,212
Retirements/Removals (if applicable)							
Closing Balance	-\$ 535	-\$ 1,841	-\$ 37,353	-\$ 228,626	-\$ 556,138	-\$ 901,227	-\$ 1,249,438
Net Book Value							
Opening Balance	\$ -	\$ 15,528	\$ 21,274	\$ 1,004,892	\$ 4,467,294	\$ 4,573,332	\$ 4,321,946
Closing Balance	\$ 15,528	\$ 21,274	\$ 1,004,892	\$ 4,467,294	\$ 4,573,332	\$ 4,321,946	\$ 3,973,735
Average Net Book Value	\$ 7,764	\$ 18,401	\$ 513,083	\$ 2,736,093	\$ 4,520,313	\$ 4,447,639	\$ 4,147,841
Net Fixed Assets - Computer Hardware							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ 11,200	\$ 28,967	\$ 44,877	\$ 44,877
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ 11,200	\$ 17,767	\$ 15,910	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ 11,200	\$ 28,967	\$ 44,877	\$ 44,877	\$ 44,877
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	-\$ 1,120	-\$ 5,137	-\$ 12,521	-\$ 21,497
Amortization expense during year	\$ -	\$ -	-\$ 1,120	-\$ 4,017	-\$ 7,384	-\$ 8,975	-\$ 8,975
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	-\$ 1,120	-\$ 5,137	-\$ 12,521	-\$ 21,497	-\$ 30,472
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ 10,080	\$ 23,830	\$ 32,356	\$ 23,381
Closing Balance	\$ -	\$ -	\$ 10,080	\$ 23,830	\$ 32,356	\$ 23,381	\$ 14,405
Average Net Book Value	\$ -	\$ -	\$ 5,040	\$ 16,955	\$ 28,093	\$ 27,868	\$ 18,893
Net Fixed Assets - Computer Software (including Applications Software)							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 248,761	\$ 267,886	\$ 267,886
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 248,761	\$ 19,125	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 248,761	\$ 267,886	\$ 267,886	\$ 267,886
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	-\$ 24,876	-\$ 76,541	-\$ 130,118
Amortization expense during year	\$ -	\$ -	\$ -	-\$ 24,876	-\$ 51,665	-\$ 53,577	-\$ 53,577
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	-\$ 24,876	-\$ 76,541	-\$ 130,118	-\$ 183,695
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 223,885	\$ 191,345	\$ 137,768
Closing Balance	\$ -	\$ -	\$ -	\$ 223,885	\$ 191,345	\$ 137,768	\$ 84,191
Average Net Book Value	\$ -	\$ -	\$ -	\$ 111,942	\$ 207,615	\$ 164,557	\$ 110,979

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ 7,764	\$ 18,401	\$ 513,083	\$ 2,736,093	\$ 4,520,313	\$ 4,447,639	\$ 4,147,841
Computer Hardware	\$ -	\$ -	\$ 5,040	\$ 16,955	\$ 28,093	\$ 27,868	\$ 18,893
Computer Software	\$ -	\$ -	\$ -	\$ 111,942	\$ 207,615	\$ 164,557	\$ 110,979
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ 7,764	\$ 18,401	\$ 518,123	\$ 2,864,990	\$ 4,756,021	\$ 4,640,064	\$ 4,277,713
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ -	\$ 81,649	\$ 90,698	\$ -	\$ -
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ -	\$ 12,247	\$ 13,605	\$ -	\$ -
Incremental Smart Meter Rate Base	\$ 7,764	\$ 18,401	\$ 518,123	\$ 2,877,238	\$ 4,769,625	\$ 4,640,064	\$ 4,277,713
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ 115,090	\$ 190,785	\$ 185,603	\$ 171,109
Deemed Long Term Debt	\$ 3,882	\$ 9,200	\$ 276,159	\$ 1,516,304	\$ 2,670,990	\$ 2,598,436	\$ 2,395,519
Equity	\$ 3,882	\$ 9,200	\$ 241,963	\$ 1,245,844	\$ 1,907,850	\$ 1,856,026	\$ 1,711,085
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ 7,764	\$ 18,401	\$ 518,123	\$ 2,877,238	\$ 4,769,625	\$ 4,640,064	\$ 4,277,713
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ 1,531	\$ 2,537	\$ 2,469	\$ 2,276
Deemed Long Term Debt	\$ 234	\$ 556	\$ 16,680	\$ 99,924	\$ 176,018	\$ 171,237	\$ 157,865
Equity	\$ 349	\$ 828	\$ 21,777	\$ 99,792	\$ 152,819	\$ 148,668	\$ 137,058
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ 584	\$ 1,384	\$ 38,457	\$ 201,247	\$ 331,374	\$ 322,373	\$ 297,198
Operating Expenses	\$ -	\$ -	\$ -	\$ 81,649	\$ 90,698	\$ -	\$ -
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ 535	\$ 1,306	\$ 35,512	\$ 191,272	\$ 327,513	\$ 345,088	\$ 348,212
Computer Hardware	\$ -	\$ -	\$ 1,120	\$ 4,017	\$ 7,384	\$ 8,975	\$ 8,975
Computer Software	\$ -	\$ -	\$ -	\$ 24,876	\$ 51,665	\$ 53,577	\$ 53,577
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ 535	\$ 1,306	\$ 36,632	\$ 220,165	\$ 386,562	\$ 407,641	\$ 410,764
Incremental Revenue Requirement before Taxes/PILs	\$ 1,119	\$ 2,690	\$ 75,089	\$ 503,061	\$ 808,635	\$ 730,014	\$ 707,963
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ -	\$ 81,649	\$ 90,698	\$ -	\$ -
Amortization Expense	\$ 535	\$ 1,306	\$ 36,632	\$ 220,165	\$ 386,562	\$ 407,641	\$ 410,764
Interest Expense	\$ 234	\$ 556	\$ 16,680	\$ 101,455	\$ 178,556	\$ 173,705	\$ 160,140
Net Income for Taxes/PILs	\$ 349	\$ 828	\$ 21,777	\$ 99,792	\$ 152,819	\$ 148,668	\$ 137,058
Grossed-up Taxes/PILs (from Sheet 7)	\$ 183.58	\$ 397.44	\$ 8,775.61	\$ 18,606.23	\$ 26,100.91	\$ 51,522.21	\$ 64,825.15
Revenue Requirement, including Grossed-up Taxes/PILs	\$ 1,303	\$ 3,087	\$ 83,864	\$ 521,667	\$ 834,735	\$ 781,536	\$ 772,788



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Forecast	2012 and later Forecast
Opening UCC	\$ -	\$ 15,420.48	\$ 20,956.76	\$ 997,645.02	\$ 4,425,360.46	\$ 4,487,540.58	\$ 4,218,492.22
Capital Additions	\$ 16,063.00	\$ 7,052.00	\$ 1,019,130.00	\$ 3,653,674.00	\$ 433,551.00	\$ 93,703.00	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ 16,063.00	\$ 22,472.48	\$ 1,040,086.76	\$ 4,651,319.02	\$ 4,858,911.46	\$ 4,581,243.58	\$ 4,218,492.22
Half Year Rule (1/2 Additions - Disposals)	\$ 8,031.50	\$ 3,526.00	\$ 509,565.00	\$ 1,826,837.00	\$ 216,775.50	\$ 46,851.50	\$ -
Reduced UCC	\$ 8,031.50	\$ 18,946.48	\$ 530,521.76	\$ 2,824,482.02	\$ 4,642,135.96	\$ 4,534,392.08	\$ 4,218,492.22
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ 642.52	\$ 1,515.72	\$ 42,441.74	\$ 225,958.56	\$ 371,370.88	\$ 362,751.37	\$ 337,479.38
Closing UCC	\$ 15,420.48	\$ 20,956.76	\$ 997,645.02	\$ 4,425,360.46	\$ 4,487,540.58	\$ 4,218,492.22	\$ 3,881,012.84

UCC - Computer Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Forecast	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ 8,120.00	\$ 196,886.80	\$ 113,999.44	\$ 51,299.75
Capital Additions Computer Hardware	\$ -	\$ -	\$ 11,200.00	\$ 17,767.00	\$ 15,910.00	\$ -	\$ -
Capital Additions Computer Software	\$ -	\$ -	\$ -	\$ 248,761.00	\$ 19,125.00	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ 11,200.00	\$ 274,648.00	\$ 231,921.80	\$ 113,999.44	\$ 51,299.75
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ 5,600.00	\$ 133,264.00	\$ 17,517.50	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ 5,600.00	\$ 141,384.00	\$ 214,404.30	\$ 113,999.44	\$ 51,299.75
CCA Rate Class	45	50	50	50	50	50	50
CCA Rate	45%	55%	55%	55%	55%	55%	55%
CCA	\$ -	\$ -	\$ 3,080.00	\$ 77,761.20	\$ 117,922.37	\$ 62,699.69	\$ 28,214.86
Closing UCC	\$ -	\$ -	\$ 8,120.00	\$ 196,886.80	\$ 113,999.44	\$ 51,299.75	\$ 23,084.89

UCC - General Equipment

	2006 Audited Actua	2007 Audited Actua	2008 Audited Actua	2009 Audited Actua	2010 Audited Actua	2011 Forecast	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	0	0	0	0	0	0	0
CCA Rate	0%	0%	0%	0%	0%	0%	0%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Forecast	2012 and later Forecast
INCOME TAX							
Net Income	\$ 349.37	\$ 828.03	\$ 21,776.69	\$ 99,792.09	\$ 152,818.80	\$ 148,667.64	\$ 137,057.92
Amortization	\$ 535.43	\$ 1,305.93	\$ 36,632.00	\$ 220,164.93	\$ 386,562.07	\$ 407,640.70	\$ 410,764.13
CCA - Smart Meters	-\$ 642.52	-\$ 1,515.72	-\$ 42,441.74	-\$ 225,958.56	-\$ 371,370.88	-\$ 362,751.37	-\$ 337,479.38
CCA - Computers	\$ -	\$ -	-\$ 3,080.00	-\$ 77,761.20	-\$ 117,922.37	-\$ 62,699.69	-\$ 28,214.86
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ 242.28	\$ 618.24	\$ 12,886.95	\$ 16,237.26	\$ 50,087.62	\$ 130,857.29	\$ 182,127.82
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Income Taxes Payable	\$ 87.51	\$ 223.31	\$ 4,317.13	\$ 5,358.30	\$ 15,527.16	\$ 36,967.18	\$ 47,808.55
ONTARIO CAPITAL TAX							
Smart Meters	\$ 15,527.57	\$ 21,273.63	\$ 1,004,891.63	\$ 4,467,293.50	\$ 4,573,331.53	\$ 4,321,946.43	\$ 3,973,734.90
Computer Hardware	\$ -	\$ -	\$ 10,080.00	\$ 23,830.30	\$ 32,355.90	\$ 23,380.50	\$ 14,405.10
Computer Software (Including Application Software)	\$ -	\$ -	\$ -	\$ 223,884.90	\$ 191,345.20	\$ 137,768.00	\$ 84,190.80
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ 15,527.57	\$ 21,273.63	\$ 1,014,971.63	\$ 4,715,008.70	\$ 4,797,032.63	\$ 4,483,094.93	\$ 4,072,330.80
Less: Exemption							
Deemed Taxable Capital	\$ 15,527.57	\$ 21,273.63	\$ 1,014,971.63	\$ 4,715,008.70	\$ 4,797,032.63	\$ 4,483,094.93	\$ 4,072,330.80
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)	\$ 46.58	\$ 47.87	\$ 2,283.69	\$ 10,608.77	\$ 3,597.77	\$ -	\$ -
Change in Income Taxes Payable	\$ 87.51	\$ 223.31	\$ 4,317.13	\$ 5,358.30	\$ 15,527.16	\$ 36,967.18	\$ 47,808.55
Change in OCT	\$ 46.58	\$ 47.87	\$ 2,283.69	\$ 10,608.77	\$ 3,597.77	\$ -	\$ -
PILs	\$ 134.10	\$ 271.17	\$ 6,600.82	\$ 15,967.07	\$ 19,124.94	\$ 36,967.18	\$ 47,808.55
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	26.25%
Change in Income Taxes Payable	\$ 137.00	\$ 349.58	\$ 6,491.92	\$ 7,997.46	\$ 22,503.13	\$ 51,522.21	\$ 64,825.15
Change in OCT	\$ 46.58	\$ 47.87	\$ 2,283.69	\$ 10,608.77	\$ 3,597.77	\$ -	\$ -
PILs	\$ 183.58	\$ 397.44	\$ 8,775.61	\$ 18,606.23	\$ 26,100.91	\$ 51,522.21	\$ 64,825.15



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

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	\$ -	\$ 960.00	4.14%	\$ -	\$ 960.00		
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 960.00	\$ 7,589.00	4.14%	\$ 3.31	\$ 8,552.31		
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 8,549.00	\$ 8,611.00	4.59%	\$ 32.70	\$ 17,192.70		
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 17,160.00	\$ 9,093.00	4.59%	\$ 65.64	\$ 26,318.64		
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 26,253.00	\$ 8,663.00	4.59%	\$ 100.42	\$ 35,016.42		
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 34,916.00	\$ 8,353.00	4.59%	\$ 133.55	\$ 43,402.55		
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 43,269.00	\$ 8,965.00	4.59%	\$ 165.50	\$ 52,399.50		
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 52,234.00	\$ 8,153.00	4.59%	\$ 199.80	\$ 60,586.80	\$ 61,087.92	
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 60,387.00	\$ 9,449.00	4.59%	\$ 230.98	\$ 70,066.98		
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 69,836.00	\$ 8,085.00	4.59%	\$ 267.12	\$ 78,188.12		
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 77,921.00	\$ 9,071.00	4.59%	\$ 298.05	\$ 87,290.05		
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 86,992.00	\$ 8,750.00	4.59%	\$ 332.74	\$ 96,074.74		
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 95,742.00	\$ 8,753.00	4.59%	\$ 366.21	\$ 104,861.21		
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 104,495.00	\$ 8,720.00	4.59%	\$ 399.69	\$ 113,614.69		
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 113,215.00	\$ 8,744.00	4.59%	\$ 433.05	\$ 122,392.05		
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 121,959.00	\$ 9,099.00	4.59%	\$ 466.49	\$ 131,524.49		
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 131,058.00	\$ 8,038.00	4.59%	\$ 501.30	\$ 139,597.30		
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 139,096.00	\$ 9,487.00	5.14%	\$ 595.79	\$ 149,178.79		
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 148,583.00	\$ 8,446.00	5.14%	\$ 636.43	\$ 157,665.43		
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	\$ 157,029.00	\$ 8,160.00	5.14%	\$ 672.61	\$ 165,861.61	\$ 110,002.46	
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	\$ 165,189.00	\$ 9,858.00	5.14%	\$ 707.56	\$ 175,754.56		
2012 Q2	1.47%	4.29%	Feb-08	2008	Q1	\$ 175,047.00	\$ 8,139.00	5.14%	\$ 749.78	\$ 183,935.78		
2012 Q3	1.47%	4.29%	Mar-08	2008	Q1	\$ 183,186.00	\$ 8,035.00	5.14%	\$ 784.65	\$ 192,005.65		
2012 Q4	1.47%	4.29%	Apr-08	2008	Q2	\$ 191,221.00	\$ 9,639.00	4.08%	\$ 650.15	\$ 201,510.15		
			May-08	2008	Q2	\$ 200,860.00	\$ 8,833.00	4.08%	\$ 682.92	\$ 210,375.92		
			Jun-08	2008	Q2	\$ 209,693.00	\$ 8,822.00	4.08%	\$ 712.96	\$ 219,227.96		
			Jul-08	2008	Q3	\$ 218,515.00	\$ 9,141.00	3.35%	\$ 610.02	\$ 228,266.02		
			Aug-08	2008	Q3	\$ 227,656.00	\$ 8,810.00	3.35%	\$ 635.54	\$ 237,101.54		
			Sep-08	2008	Q3	\$ 236,466.00	\$ 8,558.00	3.35%	\$ 660.13	\$ 245,684.13		
			Oct-08	2008	Q4	\$ 245,024.00	\$ 8,875.00	3.35%	\$ 684.03	\$ 254,583.03		
			Nov-08	2008	Q4	\$ 253,899.00	\$ 8,560.00	3.35%	\$ 708.80	\$ 263,167.80		
			Dec-08	2008	Q4	\$ 262,459.00	\$ 8,907.00	3.35%	\$ 732.70	\$ 272,098.70	\$ 114,496.24	
			Jan-09	2009	Q1	\$ 271,366.00	\$ 9,217.00	2.45%	\$ 554.04	\$ 281,137.04		
			Feb-09	2009	Q1	\$ 280,583.00	\$ 8,107.00	2.45%	\$ 572.86	\$ 289,262.86		
			Mar-09	2009	Q1	\$ 288,690.00	\$ 9,728.00	2.45%	\$ 589.41	\$ 299,007.41		
			Apr-09	2009	Q2	\$ 298,418.00	\$ 8,605.00	1.00%	\$ 248.68	\$ 307,271.68		
			May-09	2009	Q2	\$ 307,023.00	\$ 8,416.00	1.00%	\$ 255.85	\$ 315,694.85		
			Jun-09	2009	Q2	\$ 315,439.00	\$ 9,713.00	1.00%	\$ 262.87	\$ 325,414.87		
			Jul-09	2009	Q3	\$ 325,152.00	\$ 12,832.00	0.55%	\$ 149.03	\$ 338,133.03		
			Aug-09	2009	Q3	\$ 337,984.00	\$ 30,388.00	0.55%	\$ 154.91	\$ 368,526.91		
			Sep-09	2009	Q3	\$ 368,372.00	\$ 32,803.00	0.55%	\$ 168.84	\$ 401,343.84		
			Oct-09	2009	Q4	\$ 401,175.00	\$ 34,503.00	0.55%	\$ 183.87	\$ 435,861.87		
			Nov-09	2009	Q4	\$ 435,678.00	\$ 32,675.00	0.55%	\$ 199.69	\$ 468,552.69		
			Dec-09	2009	Q4	\$ 468,353.00	\$ 34,606.00	0.55%	\$ 214.66	\$ 503,173.66	\$ 235,147.71	
			Jan-10	2010	Q1	\$ 502,959.00	\$ 34,742.00	0.55%	\$ 230.52	\$ 537,931.52		
			Feb-10	2010	Q1	\$ 537,701.00	\$ 29,228.00	0.55%	\$ 246.45	\$ 567,175.45		
			Mar-10	2010	Q1	\$ 566,929.00	\$ 40,221.00	0.55%	\$ 259.84	\$ 607,409.84		
			Apr-10	2010	Q2	\$ 607,150.00	\$ 31,128.00	0.55%	\$ 278.28	\$ 638,556.28		
			May-10	2010	Q2	\$ 638,278.00	\$ 33,022.00	0.55%	\$ 292.54	\$ 671,592.54		
			Jun-10	2010	Q2	\$ 671,300.00	\$ 36,438.00	0.55%	\$ 307.68	\$ 708,045.68		
			Jul-10	2010	Q3	\$ 707,738.00	\$ 34,627.00	0.89%	\$ 524.91	\$ 742,889.91		
			Aug-10	2010	Q3	\$ 742,365.00	\$ 34,697.00	0.89%	\$ 550.59	\$ 777,612.59		
			Sep-10	2010	Q3	\$ 777,062.00	\$ 34,713.00	0.89%	\$ 576.32	\$ 812,351.32		
			Oct-10	2010	Q4	\$ 811,775.00	\$ 33,072.00	1.20%	\$ 811.78	\$ 845,658.78		
			Nov-10	2010	Q4	\$ 844,847.00	\$ 34,947.00	1.20%	\$ 844.85	\$ 880,638.85		
			Dec-10	2010	Q4	\$ 879,794.00	\$ 34,914.00	1.20%	\$ 879.79	\$ 915,587.79	\$ 417,552.55	
			Jan-11	2011	Q1	\$ 914,708.00	\$ 36,750.00	1.47%	\$ 1,120.52	\$ 952,578.52		
			Feb-11	2011	Q1	\$ 951,458.00	\$ 31,883.00	1.47%	\$ 1,165.54	\$ 984,506.54		
			Mar-11	2011	Q1	\$ 983,341.00	\$ 38,236.00	1.47%	\$ 1,204.59	\$ 1,022,781.59		
			Apr-11	2011	Q2	\$ 1,021,577.00	\$ 33,649.00	1.47%	\$ 1,251.43	\$ 1,056,477.43		
			May-11	2011	Q2	\$ 1,055,226.00	\$ 36,560.00	1.47%	\$ 1,292.65	\$ 1,093,078.65		
			Jun-11	2011	Q2	\$ 1,091,786.00	\$ 34,841.00	1.47%	\$ 1,337.44	\$ 1,127,964.44		
			Jul-11	2011	Q3	\$ 1,126,627.00	\$ 33,363.00	1.47%	\$ 1,380.12	\$ 1,161,370.12		
			Aug-11	2011	Q3	\$ 1,159,990.00	\$ 36,793.50	1.47%	\$ 1,420.99	\$ 1,198,204.49		
			Sep-11	2011	Q3	\$ 1,196,783.50	\$ 35,097.01	1.47%	\$ 1,466.06	\$ 1,233,346.57		



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

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)
			Oct-11	2011	Q4	\$ 1,231,880.51	\$ 33,410.98	1.47%	\$ 1,509.05	\$ 1,266,800.54		
			Nov-11	2011	Q4	\$ 1,265,291.49	\$ 35,058.00	1.47%	\$ 1,549.98	\$ 1,301,899.47		
			Dec-11	2011	Q4	\$ 1,300,349.49	\$ 33,975.79	1.47%	\$ 1,592.93	\$ 1,335,918.21	\$ 435,908.58	
			Jan-12	2012	Q1	\$ 1,334,325.28	\$ 36,668.99	1.47%	\$ 1,634.55	\$ 1,372,628.82		
			Feb-12	2012	Q1	\$ 1,370,994.27	\$ 35,309.70	1.47%	\$ 1,679.47	\$ 1,407,983.44		
			Mar-12	2012	Q1	\$ 1,406,303.97	\$ 35,058.00	1.47%	\$ 1,722.72	\$ 1,443,084.69		
			Apr-12	2012	Q2	\$ 1,441,361.97	\$ 35,058.00	1.47%	\$ 1,765.67	\$ 1,478,185.64		
			May-12	2012	Q2	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Jun-12	2012	Q2	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Jul-12	2012	Q3	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Aug-12	2012	Q3	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Sep-12	2012	Q3	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Oct-12	2012	Q4	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Nov-12	2012	Q4	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58		
			Dec-12	2012	Q4	\$ 1,476,419.97		1.47%	\$ 1,808.61	\$ 1,478,228.58	\$ 163,365.98	
Total Funding Adder Revenues Collected						\$ 1,476,419.97			\$ 61,141.47	\$ 1,537,561.44	\$ 1,537,561.44	



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

This worksheet calculates the interest on OM&A and amortization/depreciation expense, based on monthly data.

Account 1556 - Sub-accounts Operating Expenses, Amortization Expenses, Carrying Charges

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
2006 Q1	0.00%	0.00%	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	-			-	4.14%	-	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-			-	4.59%	-	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-			-	4.59%	-	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-			-	4.59%	-	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-			-	4.59%	-	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-			-	4.59%	-	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-			-	4.59%	-	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-			-	4.59%	-	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-			-	4.59%	-	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-			-	4.59%	-	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-			-	4.59%	-	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-			-	4.59%	-	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-			-	4.59%	-	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-			-	4.59%	-	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-			-	4.59%	-	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-			-	4.59%	-	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-			-	5.14%	-	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-			-	5.14%	-	-
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	1.47%	4.29%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	1.47%	4.29%	Mar-08	2008	Q1	-			-	5.14%	-	-

2012 Q4 1.47% 4.29%

Apr-08	2008	Q2	-		-	4.08%	-	-
May-08	2008	Q2	-		-	4.08%	-	-
Jun-08	2008	Q2	-		-	4.08%	-	-
Jul-08	2008	Q3	-		-	3.35%	-	-
Aug-08	2008	Q3	-		-	3.35%	-	-
Sep-08	2008	Q3	-		-	3.35%	-	-
Oct-08	2008	Q4	-		-	3.35%	-	-
Nov-08	2008	Q4	-		-	3.35%	-	-
Dec-08	2008	Q4	-		-	3.35%	-	-
Jan-09	2009	Q1	-		-	2.45%	-	-
Feb-09	2009	Q1	-		-	2.45%	-	-
Mar-09	2009	Q1	-		-	2.45%	-	-
Apr-09	2009	Q2	-		-	1.00%	-	-
May-09	2009	Q2	-		-	1.00%	-	-
Jun-09	2009	Q2	-	\$ 3,507.48	3,507.48	1.00%	-	-
Jul-09	2009	Q3	3,507.48	\$ 8,868.78	12,376.26	0.55%	1.61	1.61
Aug-09	2009	Q3	12,376.26	\$ -	12,376.26	0.55%	5.67	7.28
Sep-09	2009	Q3	12,376.26	\$ 10,463.28	22,839.54	0.55%	5.67	12.95
Oct-09	2009	Q4	22,839.54	\$ 5,310.36	28,149.90	0.55%	10.47	23.42
Nov-09	2009	Q4	28,149.90	\$ 5,345.85	33,495.75	0.55%	12.90	36.32
Dec-09	2009	Q4	33,495.75	\$ 48,153.89	81,649.64	0.55%	15.35	51.67
Jan-10	2010	Q1	81,649.64	\$ -	81,649.64	0.55%	37.42	89.10
Feb-10	2010	Q1	81,649.64	\$ 23,427.87	105,077.51	0.55%	37.42	126.52
Mar-10	2010	Q1	105,077.51	\$ 10,897.42	115,974.93	0.55%	48.16	174.68
Apr-10	2010	Q2	115,974.93	\$ 5,514.16	121,489.09	0.55%	53.16	227.84
May-10	2010	Q2	121,489.09	\$ 5,553.68	127,042.77	0.55%	55.68	283.52
Jun-10	2010	Q2	127,042.77	\$ 5,566.65	132,609.42	0.55%	58.23	341.75
Jul-10	2010	Q3	132,609.42	\$ 5,583.17	138,192.59	0.89%	98.35	440.10
Aug-10	2010	Q3	138,192.59	\$ 5,113.36	143,305.95	0.89%	102.49	542.59
Sep-10	2010	Q3	143,305.95	\$ 5,210.85	148,516.80	0.89%	106.29	648.88
Oct-10	2010	Q4	148,516.80	\$ 5,230.80	153,747.60	1.20%	148.52	797.39
Nov-10	2010	Q4	153,747.60	\$ 5,248.05	158,995.65	1.20%	153.75	951.14
Dec-10	2010	Q4	158,995.65	\$ 13,351.76	172,347.41	1.20%	159.00	1,110.14
Jan-11	2011	Q1	172,347.41		172,347.41	1.47%	211.13	1,321.26
Feb-11	2011	Q1	172,347.41		172,347.41	1.47%	211.13	1,532.39
Mar-11	2011	Q1	172,347.41		172,347.41	1.47%	211.13	1,743.51
Apr-11	2011	Q2	172,347.41		172,347.41	1.47%	211.13	1,954.64
May-11	2011	Q2	172,347.41		172,347.41	1.47%	211.13	2,165.76
Jun-11	2011	Q2	172,347.41		172,347.41	1.47%	211.13	2,376.89
Jul-11	2011	Q3	172,347.41		172,347.41	1.47%	211.13	2,588.02
Aug-11	2011	Q3	172,347.41		172,347.41	1.47%	211.13	2,799.14
Sep-11	2011	Q3	172,347.41		172,347.41	1.47%	211.13	3,010.27
Oct-11	2011	Q4	172,347.41		172,347.41	1.47%	211.13	3,221.39
Nov-11	2011	Q4	172,347.41		172,347.41	1.47%	211.13	3,432.52
Dec-11	2011	Q4	172,347.41		172,347.41	1.47%	211.13	3,643.64
Jan-12	2012	Q1	172,347.41		172,347.41	1.47%	211.13	3,854.77
Feb-12	2012	Q1	172,347.41		172,347.41	1.47%	211.13	4,065.89
Mar-12	2012	Q1	172,347.41		172,347.41	1.47%	211.13	4,277.02
Apr-12	2012	Q2	172,347.41		172,347.41	1.47%	211.13	4,488.15
May-12	2012	Q2	172,347.41		172,347.41	1.47%	211.13	4,699.27
Jun-12	2012	Q2	172,347.41		172,347.41	1.47%	211.13	4,910.40
Jul-12	2012	Q3	172,347.41		172,347.41	1.47%	211.13	5,121.52
Aug-12	2012	Q3	172,347.41		172,347.41	1.47%	211.13	5,332.65

	Sep-12	2012	Q3	172,347.41		172,347.41	1.47%	211.13	5,543.77
	Oct-12	2012	Q4	172,347.41		172,347.41	1.47%	211.13	5,754.90
	Nov-12	2012	Q4	172,347.41		172,347.41	1.47%	211.13	5,966.02
	Dec-12	2012	Q4	172,347.41		172,347.41	1.47%	211.13	6,177.15
				\$ 172,347.41	\$ -	\$ 172,347.41			



Ontario Energy Board

Smart Meter Model

Peterborough Distribution Incorporated

This worksheet calculates the Smart Meter Disposition Rider and the Smart Meter Incremental Revenue Requirement Rate Rider, if applicable. This worksheet also calculates any new Smart Meter Funding Adder that a distributor may wish to request. However, please note that in many 2011 IRM decisions, the Board noted that current funding adders will cease on April 30, 2011 and that the Board's expectation is that distributors will file for a final review of prudence at the earliest opportunity. The Board also noted that the SMFA is a tool designed to provide advance funding and to mitigate the anticipated rate impact of smart meter costs when recovery of those costs is approved by the Board. The Board observed that the SMFA was not intended to be compensatory (return on and of capital) on a cumulative basis over the term the SMFA was in effect. The SMFA was initially designed to fund future investment, and not fully fund prior capital investment. Distributors that seek a new SMFA should provide evidence to support its proposal. This would include documentation of where the distributor is with respect to its smart meter deployment program, and reasons as to why the distributor's circumstances are such that continuation of the SMFA is warranted. Press the "UPDATE WORKSHEET" button after choosing the applicable adders/riders.

Check if
applicable

- ☐ Smart Meter Funding Adder (SMFA)
- ☒ Smart Meter Disposition Rider (SMDR)
- ☒ Smart Meter Incremental Revenue Requirement Rate Rider (SMIRR)

The SMDR is calculated based on costs to December 31, 2011

The SMIRR is calculated based on the incremental revenue requirement associated with the recovery of capital related costs to December 31, 2012 and associated OM&A.

	2006	2007	2008	2009	2010	2011	2012 and later	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ 1,302.85	\$ 3,087.10	\$ 83,864.33	\$ 521,667.39	\$ 834,735.47	\$ 781,535.98	\$ 772,787.67	\$ 2,998,980.78
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$ -	\$ -	\$ -	\$ 51.67	\$ 1,058.46	\$ 2,533.51		\$ 3,643.64
<input checked="" type="checkbox"/> Sheet 8A (Interest calculated on monthly balances)	\$ -	\$ -	\$ -	\$ 51.67	\$ 1,058.46	\$ 2,533.51		\$ 3,643.64
<input type="checkbox"/> Sheet 8B (Interest calculated on average annual balances)								\$ -
SMFA Revenues (from Sheet 8)	\$ 60,387.00	\$ 104,802.00	\$ 106,177.00	\$ 231,593.00	\$ 411,749.00	\$ 419,617.28	\$ 142,094.69	\$ 1,476,419.97
SMFA Interest (from Sheet 8)	\$ 700.92	\$ 5,200.46	\$ 8,319.24	\$ 3,554.71	\$ 5,803.55	\$ 16,291.30	\$ 21,271.29	\$ 61,141.47
Net Deferred Revenue Requirement	-\$ 59,785.07	-\$ 106,915.36	-\$ 30,631.91	\$ 286,571.35	\$ 418,241.38	\$ 348,160.91	\$ 609,421.69	\$ 1,465,062.98
Number of Metered Customers (average for 2012 test year)							34967	

Calculation of Smart Meter Disposition Rider (per metered customer per month)

Years for collection or refunding	2
Deferred Incremental Revenue Requirement from 2006 to December 31, 2011 plus Interest on OM&A and Amortization	\$ 2,229,836.76
SMFA Revenues collected from 2006 to 2012 test year (inclusive) Plus Simple Interest on SMFA Revenues	\$ 1,537,561.44
Net Deferred Revenue Requirement	\$ 692,275.32
SMDR May 1, 2012 to April 30, 2014	\$ 0.82
Check: Forecasted SMDR Revenues	\$ 688,150.56

Match

Calculation of Smart Meter Incremental Revenue Requirement Rate Rider (per metered customer per month)

Incremental Revenue Requirement for 2012	\$ 772,787.67
SMIRR	\$ 1.84
Check: Forecasted SMIRR Revenues	\$ 772,071.36

Match

APPENDIX C

Peterborough Distribution Inc.

Dated June 29, 2012

DRAFT TARIFF OF RATES AND CHARGES

Decision and Order

EB-2012-0008

Dated June 14, 2012

Effective: July 1, 2012

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date July 1, 2012

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

EB-2012-0008

RESIDENTIAL SERVICE CLASSIFICATION

Residential class customers are defined as single-family dwelling units for domestic or household purposes. Semi-detached and row town-housing will be considered residential class if each individual unit is located on its own registered freehold lot fronting on the public road allowance. Each unit must have its own individual service connection from the road allowance and each main service disconnect is assessable from the unit which it supplies. All other developments are considered to be in the General Service class. 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, assessments or credits that are required by law to be invoiced 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	\$	11.91
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2014	\$	0.37
Rate Rider for Smart Meter Incremental Revenue Requirement - effective until April 30, 2013	\$	1.76
Distribution Volumetric Rate	\$/kWh	0.0116
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	(0.0015)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kWh	(0.0005)
Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery (2012) effective until April 30, 2013	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date July 1, 2012

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

EB-2012-0008

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. General Service class customers are defined as all buildings not classified as residential. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. 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, assessments or credits that are required by law to be invoiced 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	\$	29.90
Rate Rider for Disposition of Residual Historical Smart Meter Costs - effective until April 30, 2014	\$	5.52
Rate Rider for Smart Meter Incremental Revenue Requirement - effective until April 30, 2013	\$	6.15
Distribution Volumetric Rate	\$/kWh	0.0090
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	(0.0015)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kWh	(0.0004)
Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery (2012) - effective until April 30, 2013	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0043

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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

EB-2012-0008

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to all buildings not classified as residential and having a service connection capable of load delivery equal to or above 50 kW or having an average monthly peak demand equal to or greater than 50 kW over a twelve month period, but less than 5,000 kW. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. Customers who require service connections above 1,000 kVA must supply and own the primary conductors, switchgear and their own transformation above the maximum supplied by Peterborough Distribution Inc. (see Section 3.3 of Conditions of Service). The maximum allowable service connection on the 27.6 kV system is 5,000 kVA. Customers have the option of ownership of transformation at all sizes and are required to own the transformation above the maximum levels supplied by Peterborough Distribution Inc. If a customer decides or is required to own their transformation, the transformer specifications and its loss evaluation require approval from Peterborough Distribution Inc. The customer is required to compensate Peterborough Distribution Inc. for transformer losses that exceed the maximum acceptable losses. The customer will receive a transformer allowance as specified in the current rate schedule for privately owned transformation.

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	247.49
Distribution Volumetric Rate	\$/kW	2.4354
Low Voltage Service Rate	\$/kW	0.1930
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kW	(0.6241)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	(0.6140)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.0734)
Rate Rider for Lost Revenue Adjustment Mechanism/Shared Savings Mechanism Recovery (2012) - effective until April 30, 2013	\$/kW	0.0611
Retail Transmission Rate - Network Service Rate	\$/kW	2.4345
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6613

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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

EB-2012-0008

LARGE USE - REGULAR SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Customers requiring a connection with a connected load or whose average monthly maximum demand used for billing purposes 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,311.79
Distribution Volumetric Rate	\$/kW	0.7373
Low Voltage Service Rate	\$/kW	0.2364
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kW	(0.7152)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	(0.7037)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.0358)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8683
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0352

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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EB-2012-0008

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum 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 level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	11.10
Distribution Volumetric Rate	\$/kWh	0.1464
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kWh	(0.0015)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kWh	(0.0015)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kWh	(0.0033)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0043

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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EB-2012-0008

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification covers sentinel lights used for security or other commercial activities. All attempts must be made to connect these loads to a metered service where possible. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. The customer owns all the equipment and facilities from the load side of the connection to the distribution system. The connection shall be made to the distribution system as approved by Peterborough Distribution Inc. Peterborough Distribution Inc. has operational control of the connection to the distribution system. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety Authority. 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.73
Distribution Volumetric Rate	\$/kW	17.83
Low Voltage Service Rate	\$/kW	0.1532
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kW	(0.5592)
Rate Rider for Deferral/Variance Account Disposition (2012) - effective until April 30, 2013	\$/kW	(0.5502)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.5203)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8487
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3191

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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EB-2012-0008

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies only to street lighting equipment owned by the City of Peterborough, other authorized municipalities or the Province of Ontario and operating within the licenced territory of Peterborough Distribution Inc. Included is decorative and seasonal lighting connected to street lighting facilities owned by the City of Peterborough, other authorized municipalities and the Province of Ontario. The customer owns all equipment and facilities from the load side of the connection to the distribution system. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. Each streetlight is to be individually controlled by a photocell. Underground connections for street lighting require a main disconnect to be installed by the Customer. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety Authority. The customer may retain operational control of any disconnects if authorized by Peterborough Distribution Inc. and operated by qualified personnel. Peterborough Distribution Inc. retains operational control of the connections to the distribution system. 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.16
Distribution Volumetric Rate	\$/kW	13.188
Low Voltage Service Rate	\$/kW	0.1497
Rate Rider for Global Adjustment Sub-Account Disposition (2012) - effective until April 30, 2013		
Applicable only for Non-RPP Customers	\$/kW	(0.5267)
Rate Rider for Deferral/Aariance Account Disposition (2012) - effective until April 30, 2013	\$/kW	(0.5182)
Rate Rider for Tax Change - effective until April 30, 2013	\$/kW	(0.5916)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8350
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2884

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

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012

Implementation Date May 1, 2012

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EB-2012-0008

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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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)

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

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SPECIFIC SERVICE CHARGES

APPLICATION

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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.

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

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 charge (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
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
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Service Charge for Access to the Power Poles \$/pole/year	\$	22.35

Peterborough Distribution Incorporated

TARIFF OF RATES AND CHARGES

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EB-2012-0008

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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.

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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	1.0487
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0171
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0382
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0071