

January 16, 2013

Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street, 27th Floor
P.O. Box 2319
Toronto, Ontario,
M4P 1E4

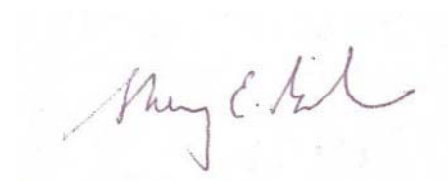
Dear Ms. Walli,

**Re: 2013 Smart Meter Cost Recovery Application EB-2012-0310
Kingston Hydro Corporation Draft Rate Order Submission**

Attached please find Kingston Hydro's Draft Rate Order submission relating to Kingston Hydro's Smart Meter Application EB-2012-0310 proceeding.

A complete copy of the Draft Rate Order Submission including the updated Smart Meter Model (in working Excel) has been filed through the Board's RESS filing system, and two hard copies along with a CD of materials have been sent to the Board via courier.

Respectfully submitted,



Sherry Gibson, MBA
Senior Advisor, Rates and Regulatory Affairs

Copy by email: Kelli Benincasa, Kelli.Benincasa@ontarioenergyboard.ca
Mr. Michael Janigan, mjanigan@piac.ca
Ms. Shelley Grice, shelley.grice@rogers.com

Kingston Hydro Corporation Draft Rate Order Submission

2013 Smart Meter Cost Recovery Application EB-2012-0310

Background

Kingston Hydro filed its smart meter cost recovery application pursuant to section 78 of the *Ontario Energy Board Act, 1998* (the “OEB Act”). Since Kingston Hydro is not required to file a Cost of Service application until 2014 for rates effective in 2015, Kingston filed a stand-alone application for recovery of costs incurred as part of the Smart Meter and Time of Use Pricing Implementation. Kingston filed its application August 24, 2012 for smart meter cost recovery based on actual audited costs incurred to December 31, 2011 and forecasted costs to December 31, 2013. Kingston requested approval of proposed Smart Meter Disposition Riders (“SMDRs”) and Smart Meter Incremental Revenue Requirement Rate Riders (“SMIRRs”) effective January 1, 2013.

The Board issued its Letter of Direction and Notice of Application and Hearing (the “Notice”) with regard to the application on September 11, 2012 by way of written hearing. Board-approved intervenor Vulnerable Energy Consumers Coalition (“VECC”) and Board staff intervened on the proceeding.

Written interrogatories were filed with the Board by VECC and Board Staff and subsequently Kingston filed with the Board responses to all interrogatories on October 29, 2012. Submissions by intervenors and Board Staff were filed and then subsequently Kingston filed with the Board and delivered to all intervenors its Reply Submission on November 27, 2012.

On December 18, 2012, the Board issued an Order declaring Kingston Hydro’s Tariff of Rates and Charges as approved by the Board in its Decision and Order EB-2011-0178, and effective May 1, 2012, interim as of January 1, 2013. The Board issued its Decision on January 10, 2013 approving an effective date of January 1, 2013 and an implementation date of February 1, 2013.

The Board in its Decision indicated that Kingston's documented costs, as revised in response to interrogatories and in Kingston's reply submission, related to smart meter procurement, installation and operation, and including costs related to TOU rate implementation, were reasonable, subject to the findings included in the Decision. As such, the Board approved the recovery of the costs applied for related to smart meter deployment and operation as of December 31, 2011, and the ongoing recovery of capital-related and operating expenses for 2012 and going forward until Kingston's next cost of service application.

The smart meter recovery rates contained in this Draft Rate Order submission reflect the approvals and fulfillment of the directives the Board issued in its Decision.

Kingston will address the following approval and directive matters arising from the Board's Decision in this Draft Rate Order submission:

- **Costs Beyond Minimum Functionality**
- **Taxes/PILs**
- **Failure of Meters and Recovery of Costs**
- **Smart Meter Capital Cost Recognition**
- **Stranded Meter Costs**
- **Cost Allocation**
- **Implementation**
- **Proposed Tariff of Rates and Charges**

Costs Beyond Minimum Functionality

Board Decision:

“Kingston included capital costs of \$47,257 and \$5,036 in OM&A in its Application, which are costs “beyond minimum functionality”. These costs include web presentation and MDM/R integration... The Board approves the recovery of these costs as applied for.”¹

Kingston Response:

Kingston has included the Board approved amount of recovery for beyond minimum functionality costs in its smart meter cost recovery rates as calculated in this Draft Rate Order.

Taxes/PILs

Board Decision:

“Kingston is directed to reflect the effective tax rates as used and approved in other rate applications, as shown in the last row of the table above, in its determination of revised SMDRs and SMIRRs in its draft rate order.”²

Kingston Response:

As directed in the Decision, Kingston has updated the Smart Meter Model to reflect the effective tax rates, as shown in the last row of the table, p. 11 of the Decision, in the calculation of SMDRs and SMIRRs in Kingston’s Draft Rate Order. The Smart Meter Model used to calculate SMDRs and SMIRRs for the Draft Rate Order reflect the tax rates shown in the following Table 1:

Table 1: Draft Rate Order Submission – Smart Meter Model – Tax Rates								
Year	2006	2007	2008	2009	2010	2011	2012	2013
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	25.90%	24.06%	26.50%

¹ Decision and Order, EB-2012-0310, January 10, 2013, Page 5

² Ibid., Page 11

Failure of Meters and Recovery of Costs

Board Decision:

“Kingston is directed to remove the capital costs for the 380 meters replaced in 2012 from the determination of the SMDRs and SMIRRs. The capital costs for these smart meters should continue to be recorded in the Capital Cost sub-account of Account 1555. Kingston is directed to bring forward for disposition and recovery the balance of this sub-account in its next cost of service application.”³

Kingston Response:

As directed in the Decision, Kingston has removed capital costs in the amount of \$80,465 related to the 380 meters replaced in 2012 that was previously included in Line 1.1.1 of the Smart Meter Model, from the determination of SMDRs and SMIRRs. Kingston will continue to record the capital costs for these smart meters in the Capital Cost sub-account of Account 1555 and as directed will bring forward for disposition and recovery the balance of this sub-account in Kingston’s next cost of service application.

Smart Meter Capital Cost Recognition

Board Decision:

“The Board considers that Article 510 does not apply for this initial smart meter deployment. The Board notes that, in smart meter applications that it has considered to date, utilities have generally strived to align the capital costs with when the assets are deployed. The Board considers that this approach should also apply to Kingston, and so directs Kingston to provide a reasonable allocation of the capital costs for the procurement and installation of the smart meters with when the meters went into service. Kingston should document its proposed allocation in its draft rate order.”⁴

Kingston Response:

As directed in the Board’s Decision, Kingston has applied the approach of aligning smart meter capital costs with when the smart meters went into service. Kingston’s proposed allocation for procurement smart meter costs is as follows:

³ Ibid., Page 12

⁴ Ibid., Page 8

- Total smart meter capital cost purchases recorded in 2009 and 2010 related to actual smart meter installations (i.e. that went in service) in 2010, 2011 and 2012.
[\$1,276,224 (2009) + \$1,917,732 (2010) = \$3,193,956]
- Total actual smart meters installed (i.e. that went into service) for 2010, 2011, and 2012 related to procurement costs amount above.
[25,888 (2010) + 477 (2011) + 20 (2012) = 26,385]
- Divide Total smart meter capital costs by total actual smart meters installed to arrive at an average smart meter capital cost per meter.
[\$3,193,956 / 26,385 = \$121.05 per meter]
- Allocate the costs to 2010, 2011, 2012 based on the actual number of meters installed in that year X the average smart meter capital cost per meter.
[2009 = \$0, 2010 = (25,888 x \$211.05), 2011 = (477 x \$211.05), 2012 = (20 x \$211.05)]
- Include 2012 capital costs already properly aligned prior to allocation in the final 2012 procurement smart meter costs.

Line 1.1.1 of Kingston's Draft Rate Order Smart Meter Model has been updated to reflect this proposed allocation.

The smart meter installation capital costs directly related to the physical installation that are part of the installation costs on Line 1.1.2 of the smart meter model were already aligned with when the meters went into service.

The following Table 2 shows the resulting Line 1.1.1 and Line 1.1.2. per Reply Submission, and then at Draft Rate Order submission from Sheet 2 of the Smart Meter Model after removal of 2012 replacement meter costs and alignment of capital costs with years that smart meters went in to service:

Kingston Hydro Draft Rate Order
2013 Smart Meter Cost Recovery Application
Kingston Hydro Corporation
EB-2012-0310
Filed: 2013-01-16

Table 2				2009	2010	2011	2012	2013	Total
Smart Meter Capital Cost and Operational Expense Data				Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
Smart Meter Installation Plan									
Actual/Planned number of Smart Meters installed during the Calendar Year									
				2009	2010	2011	2012	2013	
	Residential				22,822	403	219	540	23,984
	General Service < 50 kW				3,066	74	29	60	3,229
	Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)			0	25,888	477	248	600	27,213
	Percentage of Residential and GS < 50 kW Smart Meter Installations Completed			0.00%	95.13%	96.88%	97.80%	100.00%	100.00%
1 Capital Costs			Asset Type						
LINE VERSION	1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)			Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
Reply Submission	1.1.1 Smart Meters (may include new meters and modules, etc.)	Smart Meter		1,276,224	1,917,732	0	133,103	153,000	\$ 3,480,059
Adjusted for Decision Issue: 2012 Meter Replacement Issue	1.1.1 Smart Meters (may include new meters and modules, etc.)			1,276,224	1,917,732	0	52,638	153,000	\$ 3,399,594
Adjusted for Decision Issue: Capital Align with In Service	1.1.1 Smart Meters (may include new meters and modules, etc.)			0	3,133,793	57,742	55,059	153,000	\$ 3,399,594
Draft Rate Order Model	1.1.1 Smart Meters (may include new meters and modules, etc.)			0	3,133,793	57,742	55,059	153,000	\$ 3,399,594
Reply Submission	1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)	Smart Meter		89,563	614,876	229,779	4,506		\$ 938,724
Draft Rate Order Model	1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)			89,563	614,876	229,779	4,506		\$ 938,724
Reply Submission: Total 1.1.1 and 1.1.2									\$ 4,418,783
Draft Rate Order: Total 1.1.1 and 1.1.2									\$ 4,338,318
Difference (Draft Rate Order - Reply Submission)									-\$ 80,465.00

Stranded Meter Costs

Board Decision:

*"The Board agrees [that Kingston's proposal is consistent with Guideline G-2011-001], and accepts Kingston's proposal."*⁵

Kingston Response:

As proposed by Kingston and accepted by the Board, Kingston will deal with the disposition of stranded meter costs in its next cost of service application, scheduled for 2015 rates. No stranded meter rate riders are included with this Draft Rate Order.

⁵ Ibid., Page 14

Cost Allocation

Board Decision:

“Subject to the Board’s findings elsewhere in this Decision, the Board approves Kingston’s methodology and the resulting class-specific SMDRs and SMIRRs as calculated in response to Board staff and VECC submissions to recover the historical and prospective revenue requirement on the approved smart meter costs.”⁶

Kingston Response:

The resulting class-specific SMDRs and SMIRRs in this Draft Rate Order submission have been calculated using Kingston’s cost allocation methodology provided in Kingston’s Reply Submission as approved by the Board.

Implementation

Board Decision:

“Kingston requested an effective date of January 1, 2013 for its new rates. The Board issued on December 18, 2012 an Interim Rate Order declaring Kingston’s current approved Tariff of Rates and Charges interim effective January 1, 2013. Given the date of this Decision, the Board has determined that an implementation date of February 1, 2013 is appropriate. The SMDRs shall be implemented on February 1, 2013 for a period of 11 months (i.e. from February 1 to December 31, 2013), and the SMIRRs shall be implemented on February 1, 2013 and will remain in effect until the effective date of Kingston’s next cost of service rate order. As Kingston is scheduled to rebase its rates for 2015, the Board notes that the SMIRR may be in effect from February 1, 2013 until April 30, 2015.

With an implementation date of February 1, 2013, there will be one month of foregone SMIRR revenues, for January 2013, that need to be recovered. Consistent with the approach approved in other recent decisions of smart meter cost recovery, the Board considers that the foregone SMIRR revenues for January 1, 2013 should be added to the foregone revenue requirement and recovered in the class-specific SMDRs. In its draft rate order, Kingston should propose SMDRs that recover the revised deferred revenue requirement reflecting the Board’s findings in this Decision, including the foregone SMIRR revenues for the month of January 2013, and over an 11 month recovery from February 1 to December 31, 2013.

⁶ Ibid.

*The Board expects Kingston to file detailed supporting material, including all relevant calculations showing the impact of this Decision and Order on Kingston's class specific smart meter revenue requirements and the determination of the updated SMDRs and SMIRRs."*⁷

Kingston Response:

Kingston Hydro proposed in its Application and supporting evidence throughout the proceeding, recovery of its smart meter costs over a period of two (2) years, with a commencement date of January 1, 2013 and a sunset date of December 31, 2014 for proposed SMDRs, and a commencement date of January 1, 2013 and sunset date of Kingston's next cost of service rate order, forecast as 2015, for proposed SMIRRs.

As directed in the Decision, Kingston has calculated SMDRs for this Draft Rate Order submission that recover the revised deferred revenue requirement reflecting the Board's findings in the Decision, including the foregone SMIRR revenues for the month of January 2013, over an 11 month recovery from February 1 to December 31, 2013.

Draft Rate Order Smart Meter Model

Kingston's working Smart Meter Model has been updated to reflect the approvals and directives arising from the Board's Decision as addressed in this Draft Rate Order submission.

The Smart Meter Model being filed (in working Excel format) reflects a 1 year recovery period for calculation of the smart meter rate riders, adjusted for all issues addressed in this Draft Rate Order submission except for the final recovery period adjustment to 11 months. A full PDF copy of this Smart Meter Model is provided in **Appendix A** of this submission.

Smart Meter 11 Month Recovery Rider Calculations

The Smart Meter Model submission provides the starting point for the final calculation of the SMDRs as per the Decision based on an 11 month recovery adjusted for the one (1) month foregone smart meter revenue.

The following Table 3 provides the calculation of the class-specific SMDRs based upon an 11 month recovery. The table contains data taken from Sheets 10A. and 10B. of the

⁷ Ibid., Page 15

working Draft Rate Order submission Smart Meter Model and is used in the calculation of the final SMDRs in the table.

TABLE 3: DRAFT RATE ORDER - SMDR Calculations

Per DECISION - 11 Month Recovery Period				
From Sheet 10A. Of Smart Meter Model				
SMDR		Totals	Residential	GS < 50 kW
Net Deferred Revenue Requirement to be recovered via SMDR		\$ 506,706.77	\$ 381,531.33	\$ 125,175.44
Average number of metered customers by class (2013)		Avg no. Customers	23,244	3,141
Number of Years for SMDR recovery		1 years	1	1
Smart Meter Disposition Rider (\$/month per metered customer in the customer class)			\$ 1.37	\$ 3.32
Estimated SMDR Revenues		\$ 507,268.80	\$ 382,131.36	\$ 125,137.44
		-\$ 562.03		
From Sheet 10B. Of Smart Meter Model				
(1) Average number of metered customers by class (2013)		Avg no. Customers	23,244	3,141
The SMIRR is recovered as an annualized rate until the effective date of the distributor's next rebased rates		1 year	1	1
(2) Smart Meter Incremental Revenue Requirement Rate Rider (\$/month per metered customer in the customer class)			\$ 2.63	\$ 3.65
Estimated SMIRR Revenues		\$ 871,156.44	\$ 733,580.64	\$ 137,575.80
Recovery of SMDR and includes 1 Month of SMIRR				
SMDR			11 Month Recovery	
Net Deferred Revenue Requirement to be recovered via SMDR		\$ 506,706.77	\$ 381,531.33	\$ 125,175.44
1 Month of foregone SMIRR to be recovered via SMDR*		72,596.37	61,131.72	11,464.65
(3) Total Revenue Requirement to be recovered via SMDR		\$ 579,303.14	\$ 442,663.05	\$ 136,640.09
(4) Average number of metered customers by class (2013)		Avg no. Customers	23,244	3,141
(5) Number of Months for SMDR recovery		11 months	11	11
Smart Meter Disposition Rider (SMDR) ** (\$/month per metered customer in the customer class)			\$ 1.73	\$ 3.95
Estimated SMDR Revenues		578,809.77	442,333.32	136,476.45
		\$ 493.37		
* 1 Month of foregone SMIRR calculated as Customer numbers for rate class (1) X the SMIRR rate rider for Class (2)				
** SMDR calculated as Total Revenue Requirement to be recovered via SMDR for rate class (3) divided by rate class Customer numbers (4) divided by # Months for SMDR recovery (5)				

There is no change to the class-specific SMIRRs as calculated in the Draft Rate Order submission Smart Meter Model as this is a monthly fixed charge based on the

annualized revenue requirement until Kingston's next cost of service application at which time the capital and operating costs will be incorporated into rate base.

The following Table 4 provides a summary of the SMDRs and SMIRRs as calculated at the various stages of the proceeding through to the Draft Rate Order (DRO); includes the original application, revised in IRs, revised in Reply Submission, and revised in Decision with the ordered recovery period of 11 months for SMDRs.

TABLE 4: SMDRs and SMIRRS throughout Proceeding Stages

<u>SMDR</u>	ORIGINAL	Revised in IRs	REPLY Submission Revision <i>with Actual Tax Rates</i>	REPLY Submission Revision <i>Tax Rates reflect Board staff argument</i>	DRO Implementation Per Decision 11 Month recovery
Recovery Period	2 years	2 years	2 years	2 years	11 months
Residential	\$0.80	\$1.12	\$0.97	\$0.88	\$1.73
GS< 50 kW	\$0.65	\$0.97	\$2.10	\$1.98	\$3.95
<u>SMIRR</u>	ORIGINAL	Revised in IRRs	REPLY Submission Revision <i>with Actual Tax Rates</i>	REPLY Submission Revision <i>Tax Rates reflect Board staff argument</i>	DRO Implementation Per Decision 11 Month recovery
Recovery Period	In effect until the effective date of next COS rate order				
Residential	\$2.22	\$2.79	\$2.67	\$2.67	\$2.63
GS< 50 kW	\$2.22	\$2.79	\$3.70	\$3.70	\$3.65

In the Table 5 below, Smart Meter Riders Decision implementation summarized:

Table 5: Smart Meter Rate Riders – Per Board Decision 11 Month Recovery

<u>SMDR</u>	February 1, 2013 to December 31, 2013 (\$/per month per metered customer in this rate class)	DRAFT RATE ORDER
Residential		\$1.73
GS< 50 kW		\$3.95
<u>SMIRR</u>	February 1, 2013 until the effective date of rates from Kingston's next cost of service rate order, <i>thus may be in effect until April 30, 2015</i> (\$/per month per metered customer in this rate class)	DRAFT RATE ORDER
Residential		\$2.63
GS< 50 kW		\$3.65

Bill Impacts

Implementation of the SMDRs and SMIRRs calculated in this Draft Rate Order submission will impact customer bills as follows:

- The monthly total bill impact for a typical residential customer consuming 800 kWh per month is \$4.43 or 3.92% increase on the total bill.
- The monthly total bill impact for a typical GS < 50 kW customer consuming 2,000 kWh per month is \$7.73 or 2.92% increase on the total bill.

Detailed Bill Impacts for each rate class are provided in **Appendix B** of this Draft Rate Order submission.

Proposed Tariff of Rates and Charges

Per the Board Decision and Order, attached in **Appendix C** is a proposed Tariff of Rates and Charges that includes the SMDRs and SMIRRs as recalculated in this Draft Rate Order submission to reflect the Board's findings in Kingston's Smart Meter Recovery Decision and Order.

- Respectfully submitted. –

Attachments

Appendix A
Draft Rate Order 2013 Smart Meter Model



Smart Meter Model for Electricity Distributors (2013 Filers)

Version 3.00

Utility Name	Kingston Hydro Corporation
Assigned EB Number	EB-2012-0310
Name and Title	Sherry Gibson, Senior Advisor, Rates and Regulatory Affairs
Phone Number	613-546-1181 x 2383
Email Address	sgibson@kingstonhydro.com
Date	16/01/2013 12:09
Last COS Re-based Year	2011

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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.



Smart Meter Model for Electricity Distributors (2013 Filers)

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	2007	2008	2009	2010	2011	2012	2013	Total
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast	
Residential					22,822	403	219	540	23984
General Service < 50 kW					3,066	74	29	60	3229
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)	0	0	0	0	25888	477	248	600	27213
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed	0.00%	0.00%	0.00%	0.00%	95.13%	96.88%	97.80%	100.00%	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	0	25888	477	248	600	27213

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	Forecast	
Smart Meter					3,133,793	57,742	55,059	153,000	\$ 3,399,594
Smart Meter				89,563	614,876	229,779	4,506		\$ 938,724
									\$ -
									\$ -
Total Advanced Metering Communications Devices (AMCD)	\$ -	\$ -	\$ -	\$ 89,563	\$ 3,748,669	\$ 287,521	\$ 59,565	\$ 153,000	\$ 4,338,318

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	Forecast	
Smart Meter				125,509	121,935				\$ 247,444
									\$ -
									\$ -
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)	\$ -	\$ -	\$ -	\$ 125,509	\$ 121,935	\$ -	\$ -	\$ -	\$ 247,444

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	Forecast	
Computer Hardware					120,584	6,000	10,000	93,000	\$ 229,584
Computer Software						29,511	6,000		\$ 35,511
									\$ -
	\$ -	\$ -	\$ -	\$ -	\$ 120,584	\$ 35,511	\$ 16,000	\$ 93,000	\$ 265,095

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	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	Forecast	
Smart Meter					40,460	7,558			\$ 48,018
									\$ -
Smart Meter				10,137	34,631	41,427			\$ 86,195
									\$ -
									\$ -
									\$ -
	\$ -	\$ -	\$ -	\$ 10,137	\$ 75,091	\$ 48,985	\$ -	\$ -	\$ 134,213
	\$ -	\$ -	\$ -	\$ 225,209	\$ 4,066,279	\$ 372,017	\$ 75,565	\$ 246,000	\$ 4,985,070

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	Forecast	
									\$ -
									\$ -
Computer Software					4,525		42,732		\$ 47,257
	\$ -	\$ -	\$ -	\$ -	\$ 4,525	\$ -	\$ 42,732	\$ -	\$ 47,257
	\$ -	\$ -	\$ -	\$ 225,209	\$ 4,070,804	\$ 372,017	\$ 118,297	\$ 246,000	\$ 5,032,327

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)

Labour and Security

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	Forecast	
					53,415				\$ 53,415
							169,830		\$ 169,830
	\$ -	\$ -	\$ -	\$ -	\$ 53,415	\$ -	\$ -	\$ 169,830	\$ 223,245
					23,369	46,503	80,207	85,134	\$ 235,213
									\$ -
	\$ -	\$ -	\$ -	\$ -	\$ 23,369	\$ 46,503	\$ 80,207	\$ 85,134	\$ 235,213
									\$ -
							5,400	5,508	\$ 10,908
									\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,400	\$ 5,508	\$ 10,908
					9,048	8,700	8,700	8,700	\$ 35,148
									\$ -
	\$ -	\$ -	\$ -	\$ -	\$ 9,048	\$ 8,700	\$ 8,700	\$ 8,700	\$ 35,148
									\$ -
									\$ -
									\$ -
									\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ 85,832	\$ 55,203	\$ 94,307	\$ 269,172	\$ 504,514
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual			
									\$ -
									\$ -
							686	4,350	\$ 5,036
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 686	\$ 4,350	\$ 5,036
	\$ -	\$ -	\$ -	\$ -	\$ 85,832	\$ 55,203	\$ 94,993	\$ 273,522	\$ 509,550

3 Aggregate Smart Meter Costs by Category

3.1	Capital																		
3.1.1	Smart Meter	\$	-	\$	-	\$	-	\$	225,209	\$	3,945,695	\$	336,506	\$	59,565	\$	153,000	\$	4,719,975
3.1.2	Computer Hardware	\$	-	\$	-	\$	-	\$	-	\$	120,584	\$	6,000	\$	10,000	\$	93,000	\$	229,584
3.1.3	Computer Software	\$	-	\$	-	\$	-	\$	-	\$	4,525	\$	29,511	\$	48,732	\$	-	\$	82,768
3.1.4	Tools & Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.5	Other Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.6	Applications Software	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
3.1.7	Total Capital Costs	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>225,209</u>	<u>\$</u>	<u>4,070,804</u>	<u>\$</u>	<u>372,017</u>	<u>\$</u>	<u>118,297</u>	<u>\$</u>	<u>246,000</u>	<u>\$</u>	<u>5,032,327</u>
3.2	OM&A Costs																		
3.2.1	Total OM&A Costs	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>85,832</u>	<u>\$</u>	<u>55,203</u>	<u>\$</u>	<u>94,993</u>	<u>\$</u>	<u>273,522</u>	<u>\$</u>	<u>509,550</u>



Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Cost of Capital								
Capital Structure¹								
Deemed Short-term Debt Capitalization				0.0%	0.0%	4.0%	4.0%	4.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	53.3%	56.7%	60.0%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%	40.0%
Preferred Shares								
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters								
Deemed Short-term Debt Rate				0.00%	0.00%	2.46%	2.46%	2.46%
Long-term Debt Rate (actual/embedded/deemed) ²	6.57%	6.57%	6.57%	6.57%	6.57%	5.01%	5.01%	5.01%
Target Return on Equity (ROE)	9.0%	9.00%	9.00%	9.00%	9.00%	9.58%	9.58%	9.58%
Return on Preferred Shares								
WACC	7.79%	7.79%	7.70%	7.62%	7.54%	6.74%	6.74%	6.74%
Working Capital Allowance								
Working Capital Allowance Rate	15.0%	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	36.12%	36.12%	33.50%	33.00%	31.00%	25.90%	24.06%	26.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%	0.00%

Depreciation Rates

(expressed as expected useful life in years)

Smart Meters - years	15	15	15	15	15	15	15	15
- rate (%)	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
Computer Hardware - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years	5	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Tools & Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Other Equipment - years	10	10	10	10	10	10	10	10
- rate (%)	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

CCA Rates

Smart Meters - CCA Class	8	8	8	8	8	8	8	8
Smart Meters - CCA Rate	20%	20%	20%	20%	20%	20%	20%	20%
Computer Equipment - CCA Class	46	46	46	46	46	46	46	46
Computer Equipment - CCA Rate	30%	30%	30%	30%	30%	30%	30%	30%
General Equipment - CCA Class								
General Equipment - CCA Rate								
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.



Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Net Fixed Assets - Smart Meters								
Gross Book Value								
Opening Balance		\$ -	\$ -	\$ -	\$ 225,209	\$ 4,170,904	\$ 4,507,410	\$ 4,566,975
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 225,209	\$ 3,945,695	\$ 336,506	\$ 59,565	\$ 153,000
Retirements/Removals (if applicable)								
Closing Balance	\$ -	\$ -	\$ -	\$ 225,209	\$ 4,170,904	\$ 4,507,410	\$ 4,566,975	\$ 4,719,975
Accumulated Depreciation								
Opening Balance		\$ -	\$ -	\$ -	\$ 7,507	\$ 154,044	\$ 443,321	\$ 745,801
Amortization expense during year	\$ -	\$ -	\$ -	\$ 7,507	\$ 146,537	\$ 289,277	\$ 302,479	\$ 309,565
Retirements/Removals (if applicable)								
Closing Balance	\$ -	\$ -	\$ -	\$ 7,507	\$ 154,044	\$ 443,321	\$ 745,801	\$ 1,055,366
Net Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 217,702	\$ 4,016,860	\$ 4,064,089	\$ 3,821,174
Closing Balance	\$ -	\$ -	\$ -	\$ 217,702	\$ 4,016,860	\$ 4,064,089	\$ 3,821,174	\$ 3,664,609
Average Net Book Value	\$ -	\$ -	\$ -	\$ 108,851	\$ 2,117,281	\$ 4,040,474	\$ 3,942,631	\$ 3,742,892
Net Fixed Assets - Computer Hardware								
Gross Book Value								
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ 120,584	\$ 126,584	\$ 136,584
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ 120,584	\$ 6,000	\$ 10,000	\$ 93,000
Retirements/Removals (if applicable)								
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 120,584	\$ 126,584	\$ 136,584	\$ 229,584
Accumulated Depreciation								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,058	\$ 36,775	\$ 63,092
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ 12,058	\$ 24,717	\$ 26,317	\$ 36,617
Retirements/Removals (if applicable)								
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 12,058	\$ 36,775	\$ 63,092	\$ 99,709
Net Book Value								
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,526	\$ 89,809	\$ 73,492
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 108,526	\$ 89,809	\$ 73,492	\$ 129,875
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ 54,263	\$ 99,167	\$ 81,650	\$ 101,684

Net Fixed Assets - Computer Software (including Applications Software)

Gross Book Value									
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,525	\$ 34,036	\$ 82,768
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ 4,525	\$ 29,511	\$ 48,732	\$ -	
Retirements/Removals (if applicable)									
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 4,525	\$ 34,036	\$ 82,768	\$ 82,768	
Accumulated Depreciation									
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -453	\$ -4,309	\$ -15,989	
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -453	\$ -3,856	\$ -11,680	\$ -16,554	
Retirements/Removals (if applicable)									
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -453	\$ -4,309	\$ -15,989	\$ -32,543	
Net Book Value									
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,073	\$ 29,727	\$ 66,779	
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 4,073	\$ 29,727	\$ 66,779	\$ 50,225	
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ 2,036	\$ 16,900	\$ 48,253	\$ 58,502	

Net Fixed Assets - Tools and Equipment

[illegible]

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



Smart Meter Model for Electricity Distributors (2013 Filers)

	2006	2007	2008	2009	2010	2011	2012	2013
Average Net Fixed Asset Values (from Sheet 4)								
Smart Meters	\$ -	\$ -	\$ -	\$ 108,851	\$ 2,117,281	\$ 4,040,474	\$ 3,942,631	\$ 3,742,892
Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 54,263	\$ 99,167	\$ 81,650	\$ 101,684
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ 2,036	\$ 16,900	\$ 48,253	\$ 58,502
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ -	\$ 108,851	\$ 2,173,580	\$ 4,156,541	\$ 4,072,535	\$ 3,903,077
Working Capital								
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ -	\$ -	\$ 85,832	\$ 55,203	\$ 94,993	\$ 273,522
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ -	\$ -	\$ 12,875	\$ 8,280	\$ 14,249	\$ 41,028
Incremental Smart Meter Rate Base	\$ -	\$ -	\$ -	\$ 108,851	\$ 2,186,455	\$ 4,164,822	\$ 4,086,784	\$ 3,944,106
Return on Rate Base								
<i>Capital Structure</i>								
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 166,593	\$ 163,471	\$ 157,764
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 61,719	\$ 1,311,873	\$ 2,332,300	\$ 2,288,599	\$ 2,208,699
Equity	\$ -	\$ -	\$ -	\$ 47,133	\$ 874,582	\$ 1,665,929	\$ 1,634,714	\$ 1,577,642
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ -	\$ -	\$ 108,851	\$ 2,186,455	\$ 4,164,822	\$ 4,086,784	\$ 3,944,106
<i>Return on</i>								
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,098	\$ 4,021	\$ 3,881
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 4,055	\$ 86,190	\$ 116,848	\$ 114,659	\$ 110,656
Equity	\$ -	\$ -	\$ -	\$ 4,242	\$ 78,712	\$ 159,596	\$ 156,606	\$ 151,138
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ -	\$ -	\$ 8,297	\$ 164,902	\$ 280,542	\$ 275,286	\$ 265,675
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ 85,832	\$ 55,203	\$ 94,993	\$ 273,522
Amortization Expenses (from Sheet 4)								
Smart Meters	\$ -	\$ -	\$ -	\$ 7,507	\$ 146,537	\$ 289,277	\$ 302,479	\$ 309,565
Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 12,058	\$ 24,717	\$ 26,317	\$ 36,617
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ 453	\$ 3,856	\$ 11,680	\$ 16,554
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ -	\$ 7,507	\$ 159,048	\$ 317,850	\$ 340,477	\$ 362,735
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ -	\$ 15,804	\$ 409,782	\$ 653,595	\$ 710,755	\$ 901,932
Calculation of Taxable Income								
Incremental Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ 85,832	\$ 55,203	\$ 94,993	\$ 273,522
Amortization Expense	\$ -	\$ -	\$ -	\$ 7,507	\$ 159,048	\$ 317,850	\$ 340,477	\$ 362,735
Interest Expense	\$ -	\$ -	\$ -	\$ 4,055	\$ 86,190	\$ 120,946	\$ 118,680	\$ 114,537
Net Income for Taxes/PILs	\$ -	\$ -	\$ -	\$ 4,242	\$ 78,712	\$ 159,596	\$ 156,606	\$ 151,138
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ -	\$ -	\$ 4,815.80	\$ 93,997.20	\$ 117,472.48	\$ 64,559.15	\$ 31,295.99
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ -	\$ -	\$ 10,988	\$ 315,785	\$ 536,123	\$ 646,196	\$ 870,636



Smart Meter Model for Electricity Distributors (2013 Filers)

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 202,688.44	\$ 3,713,275.97	\$ 3,273,475.98	\$ 2,672,389.32
Capital Additions	\$ -	\$ -	\$ -	\$ 225,209.38	\$ 3,945,694.68	\$ 336,505.78	\$ 59,565.04	\$ 153,000.00
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 225,209.38	\$ 4,148,383.12	\$ 4,049,781.75	\$ 3,333,041.02	\$ 2,825,389.32
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 112,604.69	\$ 1,972,847.34	\$ 168,252.89	\$ 29,782.52	\$ 76,500.00
Reduced UCC	\$ -	\$ -	\$ -	\$ 112,604.69	\$ 2,175,535.78	\$ 3,881,528.86	\$ 3,303,258.50	\$ 2,748,889.32
CCA Rate Class	8	8	8	8	8	8	8	8
CCA Rate	20%	20%	20%	20%	20%	20%	20%	20%
CCA	\$ -	\$ -	\$ -	\$ 22,520.94	\$ 435,107.16	\$ 776,305.77	\$ 660,651.70	\$ 549,777.86
Closing UCC	\$ -	\$ -	\$ -	\$ 202,688.44	\$ 3,713,275.97	\$ 3,273,475.98	\$ 2,672,389.32	\$ 2,275,611.45

UCC - Computer Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,342.65	\$ 104,624.21	\$ 123,159.14
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 120,584.00	\$ 6,000.00	\$ 10,000.00	\$ 93,000.00
Capital Additions Computer Software	\$ -	\$ -	\$ -	\$ -	\$ 4,525.00	\$ 29,511.00	\$ 48,732.00	\$ -
Retirements/Removals (if applicable)								
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ 125,109.00	\$ 141,853.65	\$ 163,356.21	\$ 216,159.14
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ 62,554.50	\$ 17,755.50	\$ 29,366.00	\$ 46,500.00
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ 62,554.50	\$ 124,098.15	\$ 133,990.21	\$ 169,659.14
CCA Rate Class	46	46	46	46	46	46	46	46
CCA Rate	30%	30%	30%	30%	30%	30%	30%	30%
CCA	\$ -	\$ -	\$ -	\$ -	\$ 18,766.35	\$ 37,229.45	\$ 40,197.06	\$ 50,897.74
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ 106,342.65	\$ 104,624.21	\$ 123,159.14	\$ 165,261.40

UCC - General Equipment

[illegible]

UCC - Applications Software

UCC - Applications Software	2006	2007	2008	2009	2010	2011	2012	2013
	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Forecast	Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	0
CCA Rate	0%	0%	0%	0%	0%	0%	0%	0%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Smart Meter Model for Electricity Distributors (2013 Filers)

PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Audited Actual	2012 Forecast	2013 Forecast
INCOME TAX								
Net Income	\$ -	\$ -	\$ -	\$ 4,241.93	\$ 78,712.38	\$ 159,595.97	\$ 156,605.56	\$ 151,138.13
Amortization	\$ -	\$ -	\$ -	\$ 7,506.98	\$ 159,048.01	\$ 317,850.03	\$ 340,476.69	\$ 362,735.39
CCA - Smart Meters	\$ -	\$ -	\$ -	\$ 22,520.94	\$ 435,107.16	\$ 776,305.77	\$ 660,651.70	\$ 549,777.86
CCA - Computers	\$ -	\$ -	\$ -	\$ -	\$ 18,766.35	\$ 37,229.45	\$ 40,197.06	\$ 50,897.74
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ -	\$ -	\$ 10,772.03	\$ 216,113.11	\$ 336,089.21	\$ 203,766.51	\$ 86,802.08
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	33.00%	31.00%	25.90%	24.06%	26.50%
Income Taxes Payable	\$ -	\$ -	\$ -	\$ 3,554.77	\$ 66,995.06	\$ 87,047.11	\$ 49,026.22	\$ 23,002.55
ONTARIO CAPITAL TAX								
Smart Meters	\$ -	\$ -	\$ -	\$ 217,702.40	\$ 4,016,859.97	\$ 4,064,088.62	\$ 3,821,174.17	\$ 3,664,609.17
Computer Hardware	\$ -	\$ -	\$ -	\$ -	\$ 108,525.60	\$ 89,808.80	\$ 73,492.00	\$ 129,875.20
Computer Software (Including Application Software)	\$ -	\$ -	\$ -	\$ -	\$ 4,072.50	\$ 29,727.40	\$ 66,779.00	\$ 50,225.40
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ -	\$ -	\$ 217,702.40	\$ 4,129,458.07	\$ 4,183,624.82	\$ 3,961,445.17	\$ 3,844,709.77
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ -	\$ -	\$ -	\$ 217,702.40	\$ 4,129,458.07	\$ 4,183,624.82	\$ 3,961,445.17	\$ 3,844,709.77
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ -	\$ 489.83	\$ 3,097.09	\$ -	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 3,554.77	\$ 66,995.06	\$ 87,047.11	\$ 49,026.22	\$ 23,002.55
Change in OCT	\$ -	\$ -	\$ -	\$ 489.83	\$ 3,097.09	\$ -	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 3,064.94	\$ 63,897.97	\$ 87,047.11	\$ 49,026.22	\$ 23,002.55
Gross Up PILs								
Tax Rate	36.12%	36.12%	33.50%	33.00%	31.00%	25.90%	24.06%	26.50%
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 5,305.63	\$ 97,094.30	\$ 117,472.48	\$ 64,559.15	\$ 31,295.99
Change in OCT	\$ -	\$ -	\$ -	\$ 489.83	\$ 3,097.09	\$ -	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 4,815.80	\$ 93,997.20	\$ 117,472.48	\$ 64,559.15	\$ 31,295.99



Smart Meter Model for Electricity Distributors (2013 Filers)

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
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	\$ -	\$ 6,450.77	4.14%	\$ -	\$ 6,450.77		\$ 0.26
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 6,450.77	\$ 7,017.49	4.14%	\$ 22.26	\$ 13,490.52		\$ 0.26
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 13,468.26	\$ 6,421.54	4.59%	\$ 51.52	\$ 19,941.32		\$ 0.26
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 19,889.80	\$ 7,287.89	4.59%	\$ 76.08	\$ 27,253.77		\$ 0.26
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 27,177.69	\$ 6,422.79	4.59%	\$ 103.95	\$ 33,704.43		\$ 0.26
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 33,600.48	\$ 7,382.04	4.59%	\$ 128.52	\$ 41,111.04		\$ 0.26
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 40,982.52	\$ 6,966.70	4.59%	\$ 156.76	\$ 48,105.98		\$ 0.26
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 47,949.22	\$ 5,722.36	4.59%	\$ 183.41	\$ 53,854.99	\$ 54,394.08	\$ 0.26
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 53,671.58	\$ 8,192.82	4.59%	\$ 205.29	\$ 62,069.69		\$ 0.26
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 61,864.40	\$ 6,424.95	4.59%	\$ 236.63	\$ 68,525.98		\$ 0.26
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 68,289.35	\$ 7,429.06	4.59%	\$ 261.21	\$ 75,979.62		\$ 0.26
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 75,718.41	\$ 6,548.05	4.59%	\$ 289.62	\$ 82,556.08		\$ 0.26
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 82,266.46	\$ 7,177.58	4.59%	\$ 314.67	\$ 89,758.71		\$ 0.26
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 89,444.04	\$ 6,838.65	4.59%	\$ 342.12	\$ 96,624.81		\$ 0.26
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 96,282.69	\$ 6,899.41	4.59%	\$ 368.28	\$ 103,550.38		\$ 0.26
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 103,182.10	\$ 6,981.62	4.59%	\$ 394.67	\$ 110,558.39		\$ 0.26
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 110,163.72	\$ 6,186.72	4.59%	\$ 421.38	\$ 116,771.81		\$ 0.26
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 116,350.43	\$ 7,599.39	5.14%	\$ 498.37	\$ 124,448.20		\$ 0.26
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 123,949.83	\$ 7,104.34	5.14%	\$ 530.92	\$ 131,585.09		\$ 0.26
2011 Q4	1.47%	3.92%	Dec-07	2007	Q4	\$ 131,054.17	\$ 6,038.80	5.14%	\$ 561.35	\$ 137,654.32	\$ 87,845.90	\$ 0.26
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	\$ 137,092.97	\$ 7,969.60	5.14%	\$ 587.21	\$ 145,649.78		\$ 0.26
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	\$ 145,062.57	\$ 6,552.38	5.14%	\$ 621.35	\$ 152,236.30		\$ 0.26
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	\$ 151,614.95	\$ 6,270.36	5.14%	\$ 649.42	\$ 158,534.73		\$ 0.26
2012 Q4			Apr-08	2008	Q2	\$ 157,885.31	\$ 7,967.76	4.08%	\$ 536.81	\$ 166,389.88		\$ 0.26
2013 Q1			May-08	2008	Q2	\$ 165,853.07	\$ 6,406.47	4.08%	\$ 563.90	\$ 172,823.44		\$ 0.26
2013 Q2			Jun-08	2008	Q2	\$ 172,259.54	\$ 7,461.33	4.08%	\$ 585.68	\$ 180,306.56		\$ 0.26



Smart Meter Model for Electricity Distributors (2013 Filers)

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
2013 Q3			Jul-08	2008	Q3	\$ 179,720.88	\$ 7,263.76	3.35%	\$ 501.72	\$ 187,486.36		\$ 0.26
2013 Q4			Aug-08	2008	Q3	\$ 186,984.64	\$ 6,801.39	3.35%	\$ 522.00	\$ 194,308.02		\$ 0.26
			Sep-08	2008	Q3	\$ 193,786.02	\$ 7,007.37	3.35%	\$ 540.99	\$ 201,334.38		\$ 0.26
			Oct-08	2008	Q4	\$ 200,793.39	\$ 7,125.36	3.35%	\$ 560.55	\$ 208,479.30		\$ 0.26
			Nov-08	2008	Q4	\$ 207,918.75	\$ 6,361.19	3.35%	\$ 580.44	\$ 214,860.39		\$ 0.26
			Dec-08	2008	Q4	\$ 214,279.95	\$ 7,053.93	3.35%	\$ 598.20	\$ 221,932.08	\$ 91,089.18	\$ 0.26
			Jan-09	2009	Q1	\$ 221,333.88	\$ 7,972.81	2.45%	\$ 451.89	\$ 229,758.58		\$ 0.26
			Feb-09	2009	Q1	\$ 229,306.69	\$ 6,190.91	2.45%	\$ 468.17	\$ 235,965.77		\$ 0.26
			Mar-09	2009	Q1	\$ 235,497.60	\$ 8,068.62	2.45%	\$ 480.81	\$ 244,047.03		\$ 0.26
			Apr-09	2009	Q2	\$ 243,566.22	\$ 6,464.22	1.00%	\$ 202.97	\$ 250,233.41		\$ 0.26
			May-09	2009	Q2	\$ 250,030.44	\$ 5,965.97	1.00%	\$ 208.36	\$ 256,204.77		\$ 0.26
			Jun-09	2009	Q2	\$ 255,996.41	\$ 7,390.71	1.00%	\$ 213.33	\$ 263,600.45		\$ 0.26
			Jul-09	2009	Q3	\$ 263,387.12	\$ 7,573.21	0.55%	\$ 120.72	\$ 271,081.06		\$ 0.26
			Aug-09	2009	Q3	\$ 270,960.34	\$ 6,641.21	0.55%	\$ 124.19	\$ 277,725.74		\$ 0.26
			Sep-09	2009	Q3	\$ 277,601.55	\$ 6,872.68	0.55%	\$ 127.23	\$ 284,601.46		\$ 0.26
			Oct-09	2009	Q4	\$ 284,474.23	\$ 7,009.38	0.55%	\$ 130.38	\$ 291,613.99		\$ 0.26
			Nov-09	2009	Q4	\$ 291,483.61	\$ 6,943.96	0.55%	\$ 133.60	\$ 298,561.17		\$ 0.26
			Dec-09	2009	Q4	\$ 298,427.57	\$ 6,408.93	0.55%	\$ 136.78	\$ 304,973.28	\$ 86,301.05	\$ 0.26
			Jan-10	2010	Q1	\$ 304,836.50	\$ 7,522.82	0.55%	\$ 139.72	\$ 312,499.04		\$ 0.26
			Feb-10	2010	Q1	\$ 312,359.32	\$ 6,433.46	0.55%	\$ 143.16	\$ 318,935.94		\$ 0.26
			Mar-10	2010	Q1	\$ 318,792.78	\$ 7,957.11	0.55%	\$ 146.11	\$ 326,896.00		\$ 0.26
			Apr-10	2010	Q2	\$ 326,749.89	\$ 6,740.62	0.55%	\$ 149.76	\$ 333,640.27		\$ 0.26
			May-10	2010	Q2	\$ 333,490.51	\$ 6,627.14	0.55%	\$ 152.85	\$ 340,270.50		\$ 0.26
			Jun-10	2010	Q2	\$ 340,117.65	\$ 23,309.02	0.55%	\$ 155.89	\$ 363,582.56		\$ 1.00
			Jul-10	2010	Q3	\$ 363,426.67	\$ 28,035.60	0.89%	\$ 269.54	\$ 391,731.81		\$ 1.00
			Aug-10	2010	Q3	\$ 391,462.27	\$ 26,119.29	0.89%	\$ 290.33	\$ 417,871.89		\$ 1.00
			Sep-10	2010	Q3	\$ 417,581.56	\$ 26,691.76	0.89%	\$ 309.71	\$ 444,583.03		\$ 1.00
			Oct-10	2010	Q4	\$ 444,273.32	\$ 27,103.26	1.20%	\$ 444.27	\$ 471,820.85		\$ 1.00
			Nov-10	2010	Q4	\$ 471,376.58	\$ 25,884.06	1.20%	\$ 471.38	\$ 497,732.02		\$ 1.00
			Dec-10	2010	Q4	\$ 497,260.64	\$ 26,336.82	1.20%	\$ 497.26	\$ 524,094.72	\$ 221,930.94	\$ 1.00
			Jan-11	2011	Q1	\$ 523,597.46	\$ 28,278.08	1.47%	\$ 641.41	\$ 552,516.95		\$ 1.00



Smart Meter Model for Electricity Distributors (2013 Filers)

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				Board Approved Smart Meter Funding Adder
									Interest	Closing Balance	Annual amounts	
			Feb-11	2011	Q1	\$ 551,875.54	\$ 23,547.09	1.47%	\$ 676.05	\$ 576,098.68		\$ 1.00
			Mar-11	2011	Q1	\$ 575,422.63	\$ 32,247.81	1.47%	\$ 704.89	\$ 608,375.33		\$ 1.00
			Apr-11	2011	Q2	\$ 607,670.44	\$ 22,992.52	1.47%	\$ 744.40	\$ 631,407.36		\$ 1.00
			May-11	2011	Q2	\$ 630,662.96	\$ 29,240.42	1.47%	\$ 772.56	\$ 660,675.94		\$ 1.00
			Jun-11	2011	Q2	\$ 659,903.38	\$ 28,177.77	1.47%	\$ 808.38	\$ 688,889.53		\$ 1.00
			Jul-11	2011	Q3	\$ 688,081.15	\$ 27,449.28	1.47%	\$ 842.90	\$ 716,373.33		\$ 1.00
			Aug-11	2011	Q3	\$ 715,530.43	\$ 24,059.80	1.47%	\$ 876.52	\$ 740,466.75		\$ 1.00
			Sep-11	2011	Q3	\$ 739,590.23	\$ 28,848.34	1.47%	\$ 906.00	\$ 769,344.57		\$ 1.00
			Oct-11	2011	Q4	\$ 768,438.57	\$ 26,902.51	1.47%	\$ 941.34	\$ 796,282.42		\$ 1.00
			Nov-11	2011	Q4	\$ 795,341.08	\$ 24,095.82	1.47%	\$ 974.29	\$ 820,411.19		\$ 1.00
			Dec-11	2011	Q4	\$ 819,436.90	\$ 24,065.84	1.47%	\$ 1,003.81	\$ 844,506.55	\$ 329,797.83	\$ 1.00
			Jan-12	2012	Q1	\$ 843,502.74	\$ 31,290.20	1.47%	\$ 1,033.29	\$ 875,826.23		\$ 1.00
			Feb-12	2012	Q1	\$ 874,792.94	\$ 21,821.65	1.47%	\$ 1,071.62	\$ 897,686.21		\$ 1.00
			Mar-12	2012	Q1	\$ 896,614.59	\$ 30,657.65	1.47%	\$ 1,098.35	\$ 928,370.59		\$ 1.00
			Apr-12	2012	Q2	\$ 927,272.24	\$ 27,620.75	1.47%	\$ 1,135.91	\$ 956,028.90		\$ 1.00
			May-12	2012	Q2	\$ 954,892.99	\$ 24,059.10	1.47%	\$ 1,169.74	\$ 980,121.83		\$ 1.00
			Jun-12	2012	Q2	\$ 978,952.09	\$ 4,228.79	1.47%	\$ 1,199.22	\$ 984,380.10		\$ 1.00
			Jul-12	2012	Q3	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28		
			Aug-12	2012	Q3	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28		
			Sep-12	2012	Q3	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28		
			Oct-12	2012	Q4	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28		
			Nov-12	2012	Q4	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28		
			Dec-12	2012	Q4	\$ 983,180.88		1.47%	\$ 1,204.40	\$ 984,385.28	\$ 153,612.67	
			Jan-13	2013	Q1	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Feb-13	2013	Q1	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Mar-13	2013	Q1	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Apr-13	2013	Q2	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			May-13	2013	Q2	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Jun-13	2013	Q2	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Jul-13	2013	Q3	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Aug-13	2013	Q3	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		



Smart Meter Model for Electricity Distributors (2013 Filers)

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
			Sep-13	2013	Q3	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Oct-13	2013	Q4	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Nov-13	2013	Q4	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88		
			Dec-13	2013	Q4	\$ 983,180.88		0.00%	\$ -	\$ 983,180.88	\$ -	
Total Funding Adder Revenues Collected							\$ 983,180.88		\$ 41,790.77	\$ 1,024,971.65	\$ 1,024,971.65	



Smart Meter Model for Electricity Distributors (2013 Filers)

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%	3.92%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	3.92%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	1.47%	3.51%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	1.47%	3.51%	Mar-08	2008	Q1	-			-	5.14%	-	-
2012 Q4	0.00%	0.00%	Apr-08	2008	Q2	-			-	4.08%	-	-
2013 Q1	0.00%	0.00%	May-08	2008	Q2	-			-	4.08%	-	-
2013 Q2	0.00%	0.00%	Jun-08	2008	Q2	-			-	4.08%	-	-
2013 Q3	0.00%	0.00%	Jul-08	2008	Q3	-			-	3.35%	-	-
2013 Q4	0.00%	0.00%	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%	-	-

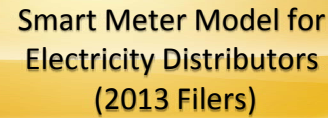
Jan-09	2009	Q1	-		\$	4,170.66	4,170.66	2.45%	-	-	
Feb-09	2009	Q1	4,170.66		\$	4,170.66	8,341.32	2.45%	8.52	8.52	
Mar-09	2009	Q1	8,341.32		\$	4,170.66	12,511.98	2.45%	17.03	25.55	
Apr-09	2009	Q2	12,511.98		\$	4,170.66	16,682.64	1.00%	10.43	35.97	
May-09	2009	Q2	16,682.64		\$	4,170.66	20,853.30	1.00%	13.90	49.87	
Jun-09	2009	Q2	20,853.30		\$	4,170.66	25,023.96	1.00%	17.38	67.25	
Jul-09	2009	Q3	25,023.96		\$	4,170.66	29,194.62	0.55%	11.47	78.72	
Aug-09	2009	Q3	29,194.62		\$	4,170.67	33,365.29	0.55%	13.38	92.10	
Sep-09	2009	Q3	33,365.29		\$	4,170.67	37,535.96	0.55%	15.29	107.39	
Oct-09	2009	Q4	37,535.96		\$	4,170.67	41,706.63	0.55%	17.20	124.60	
Nov-09	2009	Q4	41,706.63		\$	4,170.67	45,877.30	0.55%	19.12	143.71	
Dec-09	2009	Q4	45,877.30		\$	4,170.67	50,047.97	0.55%	21.03	164.74	
Jan-10	2010	Q1	50,047.97		\$	16,966.16	67,014.13	0.55%	22.94	187.68	
Feb-10	2010	Q1	67,014.13		\$	16,966.16	83,980.29	0.55%	30.71	218.39	
Mar-10	2010	Q1	83,980.29		\$	16,966.16	100,946.45	0.55%	38.49	256.89	
Apr-10	2010	Q2	100,946.45		\$	16,966.16	117,912.61	0.55%	46.27	303.15	
May-10	2010	Q2	117,912.61		\$	16,966.16	134,878.77	0.55%	54.04	357.20	
Jun-10	2010	Q2	134,878.77	\$	10,248.00	\$	16,966.16	162,092.93	0.55%	61.82	419.02
Jul-10	2010	Q3	162,092.93	\$	235.00	\$	16,966.16	179,294.09	0.89%	120.22	539.23
Aug-10	2010	Q3	179,294.09	\$	4,120.00	\$	16,966.16	200,380.25	0.89%	132.98	672.21
Sep-10	2010	Q3	200,380.25	\$	4,542.56	\$	16,966.16	221,888.97	0.89%	148.62	820.83
Oct-10	2010	Q4	221,888.97	\$	7,659.66	\$	16,966.16	246,514.79	1.20%	221.89	1,042.72
Nov-10	2010	Q4	246,514.79	\$	4,075.46	\$	16,966.16	267,556.41	1.20%	246.51	1,289.23
Dec-10	2010	Q4	267,556.41	\$	54,950.68	\$	16,966.16	339,473.25	1.20%	267.56	1,556.79
Jan-11	2011	Q1	339,473.25	\$	4,189.81	\$	26,661.34	370,324.40	1.47%	415.85	1,972.64
Feb-11	2011	Q1	370,324.40		\$	26,661.34	396,985.74	1.47%	453.65	2,426.29	
Mar-11	2011	Q1	396,985.74	\$	11,422.61	\$	26,661.34	435,069.69	1.47%	486.31	2,912.60
Apr-11	2011	Q2	435,069.69	\$	235.00	\$	26,661.34	461,966.03	1.47%	532.96	3,445.56
May-11	2011	Q2	461,966.03	\$	21.00	\$	26,661.34	488,606.37	1.47%	565.91	4,011.46
Jun-11	2011	Q2	488,606.37	\$	3,727.67	\$	26,661.34	518,995.38	1.47%	598.54	4,610.01
Jul-11	2011	Q3	518,995.38	\$	3,805.59	\$	26,661.34	549,462.31	1.47%	635.77	5,245.78
Aug-11	2011	Q3	549,462.31	\$	3,805.59	\$	26,661.34	579,929.24	1.47%	673.09	5,918.87
Sep-11	2011	Q3	579,929.24	\$	3,805.59	\$	26,661.34	610,396.17	1.47%	710.41	6,629.28
Oct-11	2011	Q4	610,396.17	\$	3,570.59	\$	26,661.34	640,628.10	1.47%	747.74	7,377.02
Nov-11	2011	Q4	640,628.10	\$	11,020.75	\$	26,661.34	678,310.19	1.47%	784.77	8,161.79
Dec-11	2011	Q4	678,310.19	\$	9,641.24	\$	26,661.34	714,612.77	1.47%	830.93	8,992.72
Jan-12	2012	Q1	714,612.77	\$	3,876.24	\$	28,603.33	747,092.34	1.47%	875.40	9,868.12
Feb-12	2012	Q1	747,092.34	\$	3,876.24	\$	28,603.33	779,571.91	1.47%	915.19	10,783.30
Mar-12	2012	Q1	779,571.91	\$	4,021.01	\$	28,603.33	812,196.25	1.47%	954.98	11,738.28
Apr-12	2012	Q2	812,196.25	\$	4,021.01	\$	28,603.33	844,820.59	1.47%	994.94	12,733.22
May-12	2012	Q2	844,820.59	\$	5,993.44	\$	28,603.33	879,417.36	1.47%	1,034.91	13,768.13
Jun-12	2012	Q2	879,417.36	\$	21,926.35	\$	28,603.33	929,947.04	1.47%	1,077.29	14,845.41
Jul-12	2012	Q3	929,947.04	\$	20,668.00	\$	28,603.33	979,218.37	1.47%	1,139.19	15,984.60
Aug-12	2012	Q3	979,218.37	\$	20,668.00	\$	28,603.33	1,028,489.70	1.47%	1,199.54	17,184.14
Sep-12	2012	Q3	1,028,489.70	\$	20,668.00	\$	28,603.33	1,077,761.03	1.47%	1,259.90	18,444.04
Oct-12	2012	Q4	1,077,761.03	\$	20,668.00	\$	28,603.33	1,127,032.36	1.47%	1,320.26	19,764.30
Nov-12	2012	Q4	1,127,032.36	\$	20,668.00	\$	28,603.33	1,176,303.69	1.47%	1,380.61	21,144.91
Dec-12	2012	Q4	1,176,303.69	\$	20,668.00	\$	28,603.33	1,225,575.02	1.47%	1,440.97	22,585.88
Jan-13	2013	Q1	1,225,575.02	\$	22,793.50			1,248,368.52	0.00%	-	22,585.88
Feb-13	2013	Q1	1,248,368.52	\$	22,793.50			1,271,162.02	0.00%	-	22,585.88
Mar-13	2013	Q1	1,271,162.02	\$	22,793.50			1,293,955.52	0.00%	-	22,585.88
Apr-13	2013	Q2	1,293,955.52	\$	22,793.50			1,316,749.02	0.00%	-	22,585.88
May-13	2013	Q2	1,316,749.02	\$	22,793.50			1,339,542.52	0.00%	-	22,585.88
Jun-13	2013	Q2	1,339,542.52	\$	22,793.50			1,362,336.02	0.00%	-	22,585.88
Jul-13	2013	Q3	1,362,336.02	\$	22,793.50			1,385,129.52	0.00%	-	22,585.88
Aug-13	2013	Q3	1,385,129.52	\$	22,793.50			1,407,923.02	0.00%	-	22,585.88
Sep-13	2013	Q3	1,407,923.02	\$	22,793.50			1,430,716.52	0.00%	-	22,585.88
Oct-13	2013	Q4	1,430,716.52	\$	22,793.50			1,453,510.02	0.00%	-	22,585.88
Nov-13	2013	Q4	1,453,510.02	\$	22,793.50			1,476,303.52	0.00%	-	22,585.88
Dec-13	2013	Q4	1,476,303.52	\$	22,793.50			1,499,097.02	0.00%	-	22,585.88
					\$	308,757.09	\$	916,817.93	\$	1,225,575.02	



Smart Meter Model for Electricity Distributors (2013 Filers)

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

Year	OM&A (from Sheet 5)	Amortization Expense (from Sheet 5)	Cumulative OM&A and Amortization Expense	Average Cumulative OM&A and Amortization Expense	Average Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheets 8A and 8B)	Simple Interest on OM&A and Amortization Expenses
2006	\$ -	\$ -	\$ -	\$ -	4.37%	\$ -
2007	\$ -	\$ -	\$ -	\$ -	4.73%	\$ -
2008	\$ -	\$ -	\$ -	\$ -	3.98%	\$ -
2009	\$ -	\$ 7,506.98	\$ 7,506.98	\$ 3,753.49	1.14%	\$ 42.70
2010	\$ 85,832.00	\$ 159,048.01	\$ 252,386.99	\$ 129,946.99	0.80%	\$ 1,036.33
2011	\$ 55,203.00	\$ 317,850.03	\$ 625,440.02	\$ 438,913.51	1.47%	\$ 6,452.03
2012	\$ 94,993.00	\$ 340,476.69	\$ 1,060,909.71	\$ 843,174.87	1.47%	\$ 12,394.67
2013	\$ 273,522.00	\$ 362,735.39	\$ 1,697,167.11	\$ 1,379,038.41	0.00%	\$ -
Cumulative Interest to 2011						\$ 7,531.05
Cumulative Interest to 2012						\$ 19,925.72
Cumulative Interest to 2013						\$ 19,925.72



Check if applicable

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	2013	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ -	\$ -	\$ -	\$ 10,988.03	\$ 315,785.25	\$ 536,122.96	\$ 646,196.30	\$ 870,636.37	\$ 1,509,092.54
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$ -	\$ -	\$ -	\$ 164.74	\$ 1,392.05	\$ 7,435.93	\$ 13,593.17		\$ 22,585.88
<input checked="" type="checkbox"/> Sheet 8A (Interest calculated on monthly balances)	\$ -	\$ -	\$ -	\$ 164.74	\$ 1,392.05	\$ 7,435.93	\$ 13,593.17	\$ -	\$ 22,585.88
<input type="checkbox"/> Sheet 8B (Interest calculated on average annual balances)									
SMFA Revenues (from Sheet 8)	\$ 53,671.58	\$ 83,421.39	\$ 84,240.91	\$ 83,502.62	\$ 218,760.96	\$ 319,905.28	\$ 139,678.14	\$ -	\$ 983,180.88
SMFA Interest (from Sheet 8)	\$ 722.50	\$ 4,424.51	\$ 6,848.27	\$ 2,798.43	\$ 3,169.98	\$ 9,892.55	\$ 13,934.53	\$ -	\$ 41,790.77
Net Deferred Revenue Requirement	\$- 54,394.08	\$- 87,845.90	\$- 91,089.18	\$- 75,148.28	\$ 95,246.35	\$ 213,761.06	\$ 506,176.80	\$ 870,636.37	\$ 506,706.77
Number of Metered Customers (average for 2013 test year)								26385	
- Number of metered customers for which smart meter were deployed as part of program.									
- Residential and GS < 50 kW customer classes and any other metered classes involved (e.g. GS 50 to 4999 kW for which interval meters were upgraded to utilize AMI and ODS assets)									

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

Years for collection or refunding	1	
Deferred Incremental Revenue Requirement from 2006 to December 31, 2012	\$	1,531,678.42
plus Interest on OM&A and Amortization		
SMFA Revenues collected from 2006 to 2013 test year (inclusive)	\$	1,024,971.65
Plus Simple Interest on SMFA Revenues		
Net Deferred Revenue Requirement	\$	506,706.77
SMDR	January 1, 2013 to December 31, 2013	\$ 1.60
Check: Forecasted SMDR Revenues	\$	506,592.00

} Match

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

Incremental Revenue Requirement for 2013	\$	870,636.37
SMIRR	\$	2.75
Check: Forecasted SMIRR Revenues	\$	870,705.00

} Match



Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the class-specific SMDRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRs and SMIRRs.

Class-specific SMDRs

Revenue Requirement for Historical Years	2006	2007	2008	2009	2010	2011	2012	Total 2006 to 2012	Explanation / Allocator Check Row if SMDR/SMIRR apply to class	Residential	GS < 50 kW	GS 50 to 4999 kW	Other (please specify)	Total
										X	X			2
Return on Capital	\$ -	\$ -	\$ -	\$ 8,296.85	\$ 164,902.44	\$ 280,542.40	\$ 275,285.77	\$ 729,027.45	Weighted Meter Cost - Capital Allocated per class	82.53%	17.47%	%	%	100%
Depreciation/Amortization expense and related interest	\$ -	\$ -	\$ -	\$ 7,506.98	\$ 159,048.01	\$ 317,850.03	\$ 340,476.69	\$ 842,914.13	Weighted Meter Cost - Capital Allocated per class	\$ 601,666.36	\$ 127,361.10	\$ -	\$ -	100%
Operating Expenses and related interest	\$ -	\$ -	\$ -	\$ -	\$ 85,832.00	\$ 55,203.00	\$ 94,993.00	\$ 240,581.46	Number of Smart Meters installed by Class Allocated per class	# 23,244	# 3,141	# 0	# 0	
Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ -	\$ -	\$ 86,319.92	\$ 56,303.34	\$ 97,958.20	\$ 1,812,523.05	Revenue Requirement before PILs	\$ 1,509,264.86	\$ 303,258.19	\$ -	\$ -	\$ -
Grossed-up Taxes/PILs	\$ -	\$ -	\$ -	\$ 4,815.80	\$ 93,997.20	\$ 117,472.48	\$ 64,559.15	\$ 280,844.63	Percentage of costs allocated to each class	\$ 233,855.75	\$ 46,988.88	\$ -	\$ -	\$ -
Total Revenue Requirement plus interest on OM&A and depreciation expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,531,678.42	Percentage of costs for classes with SMDR/SMIRR	\$ 1,275,409.11	\$ 256,269.31	\$ 0.00%	\$ 0.00%	\$ -
										83.27%	16.73%	0.00%	0.00%	
										83.27%	16.73%	0.00%	0.00%	
										%	%	%	%	
										86.53%	12.11%	1.35%	0.00%	100%
										86.53%	12.11%	0.00%	0.00%	98.64%
										0.68%	0.68%	0.00%	0.00%	
										87.21%	12.79%	1.35%	0.00%	
SMFA Revenues plus interest expense								\$ 1,024,971.65	SMFA Revenues directly attributable to class	\$ 893,877.78	\$ 131,093.87	\$ 13,837.12	\$ -	
Net Deferred Revenue Requirement to be recovered via SMDR								\$ 506,706.77	Residual SMFA Revenues (from other metered classes) attributed evenly	\$ 381,531.33	\$ 125,175.44	\$ -	\$ -	
Average number of metered customers by class (2013)									Total	87.21%	12.79%	1.35%	0.00%	
Number of Years for SMDR recovery									SMFA Revenues plus interest expense	\$ 893,877.78	\$ 131,093.87	\$ 13,837.12	\$ -	
Smart Meter Disposition Rider (\$/month per metered customer in the customer class)									Net Deferred Revenue Requirement to be recovered via SMDR	\$ 381,531.33	\$ 125,175.44	\$ -	\$ -	
Estimated SMDR Revenues								\$ 507,268.80	Average number of metered customers by class (2013)	23244	3141	0	0	
									Number of Years for SMDR recovery	1 years	1	1	1	
									Smart Meter Disposition Rider (\$/month per metered customer in the customer class)	\$ 1.37	\$ 3.32			
									Estimated SMDR Revenues	\$ 382,131.36	\$ 125,137.44	\$ -	\$ -	



Smart Meter Model for Electricity Distributors (2013 Filers)

This worksheet calculates the class-specific SMIRRs according to accepted practice. A distributor may choose to use its own methodology, but should provide analogous support for its allocation and derivation of class-specific SMDRs and SMIRRs.

Class-specific SMDRs

Revenue Requirement for 2013

	2013	Explanation / Allocator Check Row if SMDR/SMIRR apply to class	Residential	GS < 50 kW	GS 50 to 4999 kW	Other (please specify)	Total
			X	X			2
		%	%	%	%	%	
Return on Capital	\$ 265,674.96	Weighted Meter Cost - Capital Allocated per class	82.53% \$ 219,261.55	17.47% \$ 46,413.42	0.00% -	0.00% -	100%
Depreciation/Amortization expense	\$ 362,735.39	Weighted Meter Cost - Capital Allocated per class	82.53% \$ 299,365.52	17.47% \$ 63,369.87	0.00% -	0.00% -	100%
Operating Expenses	\$ 273,522.00						
		Number of Smart Meters installed by Class	# 23,244	# 3,141	# -	# -	
	\$ 273,522.00	Allocated per class	\$ 240,960.60	\$ 32,561.40	\$ -	\$ -	
Revenue Requirement before Taxes/PILs	\$ 901,932.36		\$ 759,587.67	\$ 142,344.69	\$ -	\$ -	\$ -
		Revenue Requirement before PILs	84.22%	15.78%	0.00%	0.00%	100%
Grossed-up Taxes/PILs	-\$ 31,295.99		-\$ 26,356.80	-\$ 4,939.19	\$ -	\$ -	
Total Revenue Requirement for 2013	\$ 870,636.37		\$ 733,230.87	\$ 137,405.50	\$ -	\$ -	
	\$ -	Percentage of costs allocated to each class	84.22%	15.78%	0.00%	0.00%	
		Percentage of costs for classes with SMDR/SMIRR	84.22%	15.78%	0.00%	0.00%	
Average number of metered customers by class (2013)			23,244	3,141	-	-	
The SMIRR is recovered as an annualized rate until the effective date of the distributor's next rebased rates resulting from a cost of service application	1 year		1	1	1	1	
Smart Meter Incremental Revenue Requirement Rate Rider (\$/month per metered customer in the customer class)			\$ 2.63	\$ 3.65			
Estimated SMIRR Revenues	\$ 871,156.44		\$ 733,580.64	\$ 137,575.80	\$ -	\$ -	
	\$ 520.07						

Attachments

Appendix B
Bill Impacts

Bill Impacts - 11 Month Period Smart Meter Costs Recovery

Residential

Consumption	800 kWh		
RPP Tier One	1,000 kWh	TOU - Off Peak	64%
Load Factor		TOU - Mid Peak	18%
Loss Factor	1.0344	TOU - On Peak	18%

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0740	44.40	600.00	0.0740	44.40	0.00	0.00%	38.29%	
Energy Second Tier (kWh)	227.52	0.0870	19.79	227.52	0.0870	19.79	0.00	0.00%	17.07%	
TOU - Off Peak	529.61	0.0630	33.37	529.61	0.0630	33.37	0.00	0.00%		28.40%
TOU - Mid Peak	148.95	0.0990	14.75	148.95	0.0990	14.75	0.00	0.00%		12.55%
TOU - On Peak	148.95	0.1180	17.58	148.95	0.1180	17.58	0.00	0.00%		14.96%
Service Charge	1	12.17	12.17	1	12.17	12.17	0.00	0.00%	10.50%	10.36%
Service Charge SMDR Rate Rider(s)	1	0.00	0.00	1	1.73	1.73	1.73	100.00%	1.49%	1.47%
Service Charge SMIRR Rate Rider(s)	1	0.00	0.00	1	2.63	2.63	2.63	100.00%	2.27%	2.24%
Distribution Volumetric Rate	800	0.0149	11.92	800	0.0149	11.92	0.00	0.00%	10.28%	10.15%
Low Voltage Volumetric Rate	800	0.0007	0.56	800	0.0007	0.56	0.00	0.00%	0.48%	0.48%
* Distribution Volumetric Rate Riders	800	0.0004	0.32	800	0.0004	0.32	0.00	0.00%	0.28%	0.27%
Total: Distribution			24.97			29.33	4.36	17.46%	25.29%	24.97%
Retail Transmission Rate - Network Service Rate	827.52	0.0063	5.21	827.52	0.0063	5.21	0.00	0.00%	4.50%	4.44%
Retail Transmission Rate - Line and Transformation Connection Service Rate	827.52	0.0051	4.22	827.52	0.0051	4.22	0.00	0.00%	3.64%	3.59%
Total: Retail Transmission			9.43			9.43	0.00	0.00%	8.14%	8.03%
Sub-Total: Delivery (Distribution and Retail Transmission)			34.40			38.76	4.36	12.67%	33.43%	33.00%
Wholesale Market Service Rate	827.52	0.0052	4.30	827.52	0.0052	4.30	0.00	0.00%	3.71%	3.66%
Rural Rate Protection Charge	827.52	0.0011	0.91	827.52	0.0011	0.91	0.00	0.00%	0.78%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.21%
Sub-Total: Regulatory			5.46			5.46	0.00	0.00%	4.71%	4.65%
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.83%	4.77%
									0.00%	
Total Bill on RPP (before taxes)			109.66			114.02	4.36	3.98%	98.33%	
HST		13%	14.26		13%	14.82	0.57	3.98%	12.78%	
Total Bill (including HST)			123.92			128.84	4.93	3.98%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.39)		(10%)	(12.88)	(0.49)	3.98%	-11.11%	
Total Bill on RPP (including OCEB)			111.53			115.96	4.43	3.98%	100.00%	
Total Bill on TOU (before taxes)			111.16			115.52	4.36	3.92%		98.33%
HST		13%	14.45		13%	15.02	0.57	3.92%		12.78%
Total Bill (including HST)			125.61			130.53	4.93	3.92%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.56)		(10%)	(13.05)	(0.49)	3.92%		-11.11%
Total Bill on TOU (including OCEB)			113.05			117.48	4.43	3.92%		100.00%

Bill Impacts - 11 Month Period Smart Meter Costs Recovery

General Service less than 50kW

Consumption	2,000 kWh		
RPP Tier One	750 kWh	TOU - Off Peak	64%
Load Factor		TOU - Mid Peak	18%
Loss Factor	1.0344	TOU - On Peak	18%

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	750.00	0.0740	55.50	750.00	0.0740	55.50	0.00	0.00%	19.93%	
Energy Second Tier (kWh)	1,318.80	0.0870	114.74	1,318.80	0.0870	114.74	0.00	0.00%	41.19%	
TOU - Off Peak	1,324.03	0.0630	83.41	1,324.03	0.0630	83.41	0.00	0.00%		30.62%
TOU - Mid Peak	372.38	0.0990	36.87	372.38	0.0990	36.87	0.00	0.00%		13.53%
TOU - On Peak	372.38	0.1180	43.94	372.38	0.1180	43.94	0.00	0.00%		16.13%
Service Charge	1	25.05	25.05	1	25.05	25.05	0.00	0.00%	8.99%	9.20%
Service Charge SMDR Rate Rider(s)	1	0.00	0.00	1	3.95	3.95	3.95	100.00%	1.42%	1.45%
Service Charge SMIRR Rate Rider(s)	1	0.00	0.00	1	3.65	3.65	3.65	100.00%	1.31%	1.34%
Distribution Volumetric Rate	2000	0.0104	20.80	2,000	0.0104	20.80	0.00	0.00%	7.47%	7.64%
Low Voltage Volumetric Rate	2000	0.0006	1.20	2,000	0.0006	1.20	0.00	0.00%	0.43%	0.44%
** Distribution Volumetric Rate Riders	2000	0.0001	0.20	2,000	0.0001	0.20	0.00	0.00%	0.07%	0.07%
Total: Distribution			47.25			54.85	7.60	16.08%	19.69%	20.13%
Retail Transmission Rate - Network Service Rate	2,068.80	0.0057	11.79	2,068.80	0.0057	11.79	0.00	0.00%	4.23%	4.33%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,068.80	0.0047	9.72	2,068.80	0.0047	9.72	0.00	0.00%	3.49%	3.57%
Total: Retail Transmission			21.52			21.52	0.00	0.00%	7.72%	7.90%
Sub-Total: Delivery (Distribution and Retail Transmission)			68.77			76.37	7.60	11.05%	27.42%	28.03%
Wholesale Market Service Rate	2,068.80	0.0052	10.76	2,068.80	0.0052	10.76	0.00	0.00%	3.86%	3.95%
Rural Rate Protection Charge	2,068.80	0.0011	2.28	2,068.80	0.0011	2.28	0.00	0.00%	0.82%	0.84%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
Sub-Total: Regulatory			13.28			13.28	0.00	0.00%	4.77%	4.88%
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	5.03%	5.14%
									0.00%	
Total Bill on RPP (before taxes)			266.28			273.88	7.60	2.85%	98.33%	
HST		13%	34.62		13%	35.60	0.99	2.85%	12.78%	
Total Bill (including HST)			300.90			309.49	8.59	2.85%	111.11%	
Ontario Clean Energy Benefit (OCEB)		(10%)	(30.09)		(10%)	(30.95)	(0.86)	2.85%	-11.11%	
Total Bill on RPP (including OCEB)			270.81			278.54	7.73	2.85%	100.00%	
Total Bill on TOU (before taxes)			260.27			267.87	7.60	2.92%		98.33%
HST		13%	33.84		13%	34.82	0.99	2.92%		12.78%
Total Bill (including HST)			294.11			302.69	8.59	2.92%		111.11%
Ontario Clean Energy Benefit (OCEB)		(10%)	(29.41)		(10%)	(30.27)	(0.86)	2.92%		-11.11%
Total Bill on TOU (including OCEB)			264.69			272.42	7.73	2.92%		100.00%

Volumetric Rate Rider Details

* Residential Distribution Volumetric Rate Riders

Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2013	\$/kWh	-0.0016
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2013	\$/kWh	0.0011
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - effective until April 30, 2013	\$/kWh	0.0003
Rate Rider for Tax Change (2012) - effective until April 30, 2013	\$/kWh	-0.0001
<u>Rate Rider for Incremental Capital (2012) - effective until April 30, 2015</u>	<u>\$/kWh</u>	<u>0.0007</u>
Total Distribution Rate Riders	\$/kWh	0.0004

** GS < 50 Distribution Volumetric Rate Riders

Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2013	\$/kWh	-0.0010
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2013	\$/kWh	0.0004
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - effective until April 30, 2013	\$/kWh	0.0003
Rate Rider for Tax Change (2012) - effective until April 30, 2013	\$/kWh	-0.0001
<u>Rate Rider for Incremental Capital (2012) - effective until April 30, 2015</u>	<u>\$/kWh</u>	<u>0.0005</u>
Total Distribution Rate Riders	\$/kWh	0.0001

Attachments

Appendix C
Proposed Tariff of Rates and Charges

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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

EB-2011-0178

EB-2012-0310

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the 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. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. 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, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	12.17
Rate Rider for Disposition of Residual Historical Smart Meter Costs – in effect until December 31, 2013	\$	1.73
Rate Rider for Smart Meter Incremental Revenue Requirement – effective until the effective date of the next cost of service-based rate order	\$	2.63
Distribution Volumetric Rate	\$/kWh	0.0149
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kWh	0.0011
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0016)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - Effective Until April 30, 2013	\$/kWh	0.0003
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kWh	(0.0001)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kWh	0.0007
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

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

Updated January 16, 2013 for Smart Meter Decision EB-2012-0310
11 Month Recovery

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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

EB-2011-0178

EB-2012-0310

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average 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, 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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.05
Rate Rider for Disposition of Residual Historical Smart Meter Costs – in effect until December 31, 2013	\$	3.95
Rate Rider for Smart Meter Incremental Revenue Requirement – effective until the effective date of the next cost of service-based rate order	\$	3.65
Distribution Volumetric Rate	\$/kWh	0.0104
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0010)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - Effective Until April 30, 2013	\$/kWh	0.0003
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kWh	(0.0001)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
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

Updated January 16, 2013 for Smart Meter Decision EB-2012-0310
11 Month Recovery

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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

EB-2011-0178

EB-2012-0310

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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 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, 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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	271.38
Distribution Volumetric Rate	\$/kW	1.9440
Low Voltage Service Rate	\$/kW	0.2520
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kW	0.4946
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kW	(0.0021)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.1571)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - Effective Until April 30, 2013	\$/kW	0.1210
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kW	(0.0106)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kW	0.0776
Retail Transmission Rate – Network Service Rate	\$/kW	2.5033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.0307

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

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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EB-2011-0178

EB-2012-0310

LARGE USE SERVICE CLASSIFICATION

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, 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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,003.33
Distribution Volumetric Rate	\$/kW	1.0207
Low Voltage Service Rate	\$/kW	0.3036
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kW	0.6827
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kW	(0.0370)
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.0605)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - Effective Until April 30, 2013	\$/kW	0.0009
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kW	(0.0049)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kW	0.0355
Retail Transmission Rate – Network Service Rate	\$/kW	3.0162
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.4469

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

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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EB-2011-0178

EB-2012-0310

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average 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, 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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.19
Distribution Volumetric Rate	\$/kWh	0.0136
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kWh	0.0007
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kWh	(0.0011)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery (2012) - Effective Until April 30, 2013	\$/kWh	0.0001
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kWh	(0.0001)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

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

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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

EB-2011-0178

EB-2012-0310

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of 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, 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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1.00
Distribution Volumetric Rate	\$/kW	4.5296
Low Voltage Service Rate	\$/kW	0.1820
Rate Rider for Global Adjustment Sub-Account Disposition (2011) – effective until April 30, 2013 Applicable only for Non-RPP Customers	\$/kW	0.4747
Rate Rider for Deferral/Variance Account Disposition (2011) - Effective Until April 30, 2013	\$/kW	0.0539
Rate Rider for Deferral/Variance Account Disposition (2012) - Effective Until April 30, 2013	\$/kW	(0.4784)
Rate Rider for Tax Change (2012) - Effective Until April 30, 2013	\$/kW	(0.0298)
Rate Rider for Incremental Capital (2012) - Effective Until April 30, 2015	\$/kW	0.2178
Retail Transmission Rate – Network Service Rate	\$/kW	1.8082
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4668

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

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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EB-2011-0178

EB-2012-0310

STANDBY POWER - APPROVED ON AN INTERIM BASIS SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires Kingston Hydro Corporation to provide back-up service. 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, charges for the Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean

MONTHLY RATES AND CHARGES – Regulatory Component

Standby Charge – for a month where power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large Use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

Kingston Hydro Corporation
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2013
Implementation Date February 1, 2013

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

EB-2011-0178
EB-2012-0310

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.

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 Programs, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.25
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Kingston Hydro Corporation

TARIFF OF RATES AND CHARGES

Effective Date January 1, 2013
Implementation Date February 1, 2013

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EB-2011-0178

EB-2012-0310

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.

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
Request for other billing information	\$	15.00
Account history	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
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
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
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Kingston Hydro Corporation

TARIFF OF RATES AND CHARGES

Effective Date January 1, 2013
Implementation Date February 1, 2013

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, 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.

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	1.0344
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0180
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0241
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0078