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July 3, 2012

Kirsten Walli,
Board Secretary
Ontario Energy Board,
2300 Yonge Street
Suite 2700, P.O. Box 2319 Toronto, Ontario
M4P, 1E4 Canada

Dear Ms. Walli:

Re: Atikokan Hydro Inc.
2012 Draft rate Order (EB-2011-0293)

Atikokan Hydro Inc. is pleased to submit its 2012 Draft Rate Order (the "DRO"). The Draft Rate Order is in response to the "DECISION AND ORDER" issued on June 18, 2012, by the Board.

The DRO includes the following items found in file Atikokan_Draft_Rate_Order_20120703:

Appendix A: Tariff of Rates and Charges
Appendix B: Summary of Monthly Bill Impacts
Appendix C: Summary of the Significant Items Adjusted from Initial Application to the Decision
Appendix D: Detailed 2012 Cost of Power Calculations
Atikokan_Cos 2012_Smart_Meter_Model_DRO..pdf
Atikokan Smart Meter Rate Rider by Class DRO.pdf
Atikokan Deferral and Variance Account Riders DRO.pdf
Atikokan_CoS 2012_ Rev Reqt Work Form_DRO.pdf
Atikokan DRO Tables.pdf

The DRO has been filed electronically with the Board today and two (2) paper copies will be delivered to the Board Secretary.

If you require further information please contact me.

Regards,

A handwritten signature in cursive script, appearing to read "Wilf Thorburn".

Wilf Thorburn
CEO Secretary/Treasurer
Atikokan Hydro Inc

IN THE MATTER OF the *Ontario Energy Board Act, 1998*,
c.15, (Schedule B);

AND IN THE MATTER OF an Application by Atikokan Hydro Incorporated to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of July 1, 2012.

DRAFT RATE ORDER

ATIKOKAN HYDRO INC.

Filed: July 3, 2012

Introduction

Atikokan Hydro Inc. (“Atikokan”) owns and operates the electricity distribution system located in the Town of Atikokan.

Atikokan filed an application (the “Application”) with the Ontario Energy Board (the “Board”) on September 30, 2011 under section 78 of the Ontario Energy Board Act, 1998, S.O. 1998, c. 15, (Schedule B), seeking approval for changes to the rates that Atikokan charges for electricity distribution, to be effective May 1, 2012. The Board assigned the Application file number EB-2011-0293.

On October 24, 2011, the Board issued a letter to Atikokan identifying certain additional evidence that needed to be filed before the Board would consider the Application. Atikokan filed the requested additional evidence on December 14, 2011.

The Board issued a Notice of Application and Hearing dated December 22, 2011. The Vulnerable Energy Consumers Coalition (“VECC”) applied for intervenor status and cost eligibility. No objections were received. The Board determined that VECC would be

granted intervenor status and is eligible to apply for an award of costs under the Board's Practice and Direction on Cost Awards.

In its Notice of Application and Hearing, the Board indicated its intention to consider the Application by way of a written hearing. The Board issued Procedural Order No. 1 on January 13, 2012. In Procedural Order No. 1, the Board allowed for an initial round of discovery through written interrogatories.

Board staff filed its interrogatories on January 31, 2012, and VECC filed its interrogatories on February 3, 2012. On February 23, 2012 Atikokan filed a letter requesting a six day extension for filing its interrogatory responses. The Board responded by way of a letter issued on February 24, 2012 granting an extension to February 29, 2012. Atikokan filed its interrogatory responses on March 2, 2012.

On March 16, 2012, the Board issued Procedural Order No. 2. In Procedural Order No. 2, the Board allowed for a supplementary round of interrogatories and responses, to be followed by submissions from parties.

In accordance with Procedural Order No. 2, Board staff and VECC filed supplementary interrogatories on March 28, 2012. Atikokan filed its responses on April 11, 2012.

Atikokan filed its Argument-in-Chief ("AIC") on April 20, 2012. Board staff and VECC filed submissions on May 4 and May 9, 2012, respectively. Atikokan Hydro filed its Reply Submission on May 24, 2012.

On June 18, 2012, the Board issued its Decision and Order ("the Decision") in regards to Atikokan's 2012 cost of service rate application. The Decision addressed the following issues.

- Effective Date for New Rates;
- Rate Base and Capital Expenditures;

- Operating Revenues and Load Forecast;
- Operating Expenses;
- Cost of Capital;
- Cost Allocation;
- Rate Design;
- Deferral and Variance Accounts;
- Smart Meters;
- Rate Mitigation;
- Other Matters; and
- Implementation.

In the Decision the Board directed Atikokan to file a Draft Rate Order (“DRO”) reflecting the findings of the Board. The Board expects Atikokan to file detailed supporting material, including all relevant calculations showing the impact of the implementation of this Decision on its proposed revenue requirement, the allocation of the approved revenue requirement to the classes and the determination of the final rates and all approved rate riders, including bill impacts. Supporting documentation shall include, but not be limited to, the filing of a completed version of the Revenue Requirement Work Form Excel spreadsheet.

On the following pages, Atikokan has set out its DRO and includes detailed supporting material, including all relevant calculations showing the impact of the Decision on Atikokan’s revenue requirement, the allocation of the approved revenue requirement to the classes, the determination of the final rates, and customer rate impacts are provided in the commentary and Appendices which follow.

The DRO provides material to support the findings of the Board by the issues listed above.

The following Appendices are provided to support the DRO:

Appendix A	Tariff of Rates and Charges
Appendix B	Summary of Monthly Bill Impacts
Appendix C	Summary of the Significant Items Adjusted from Initial Application to the Decision
Appendix D	Detail 2012 Cost of Power Calculations

The following live Excel model also accompany the DRO

- Smart Meter Model
- Smart Meter Model by Rate Class
- Deferral and Variance Account Rate Rider Model
- Revenue Requirement Work Form

Summary of Changes

Atikokan has updated its revenue requirement for the 2012 Test Year and has recalculated the original rates proposed in its Application in accordance with the Board findings in the Decision. As a result of the Decision, Atikokan's 2012 revenue requirement has changed as shown in Table 1. At the time the Initial Application was submitted Atikokan's 2012 revenue deficiency was \$364,011. As a result of the Decision the revenue deficiency has reduced to \$182,892.

Table 1 – Summary of Changes to Service Revenue Requirement

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
OM&A Expenses	1,175,151	45,229	1,220,380	(190,380)	1,030,000
Amortization Expenses	197,456	(28,663)	168,793	(370)	168,424
PP&E Adjustment	0	(1,813)	(1,813)	(349)	(2,162)
Regulated Return On Capital	189,083	(3,710)	185,372	(2,295)	183,077
PILs	17,914	(3,826)	14,087	(190)	13,898
Service Revenue Requirement	1,579,603	7,216	1,586,820	(193,583)	1,393,236
Revenue Offsets	125,235	0	125,235	0	125,235
Base Revenue Requirement	1,454,368	7,216	1,461,585	(193,583)	1,268,001

Atikokan's Draft Tariff of Rates and Charges reflecting the Decision accompanies this DRO as Appendix A. The customer bill impacts are attached as Appendix B. Appendix

C has been provided to summarize the significant items adjusted from the initial Application to the Decision.

Changes arising out of the Decision and reflected in the proposed rates include the following:

- Changes in Rate Base including changes in the 2012 Test Year Capital Expenditures and Working Capital Allowance
- Changes in Load Forecast
- Changes in Operating, Maintenance, and Administration (OM&A) Expenses
- Inclusion of the Rate Riders for Deferral/Variance Account Disposition.
- Changes to the class specific Smart Meter Disposition Riders

Effective Date for New Rates

The Board has determined that Atikokan's new rates will become effective the closest month following the issuance of this Decision; that is, July 1, 2012. Atikokan has prepared the draft Tariff of Rates and Charges with a July 1, 2012 effective date.

Rate Base and Capital Expenditures

In its Application, Atikokan proposed a 2012 test year rate base of \$2,913,786. Through interrogatories, Atikokan revised the rate base to \$3,041,625. The increase of \$127,838 is a result of the following:

- An increase in the net book value of fixed assets of \$34,914 due to restatement of the 2011 bridge year according to MIFRS instead of CGAAP;
- An increase of \$6,784 in the working capital allowance, due to recognition of \$45,229 of OMERS expenses omitted in the initial Application; and

- Reclassification of certain smart meter-related assets from computer hardware to meters as a result of a review of smart meter costs, increasing the net fixed assets by \$86,140

Board Findings

The Board accepts the rate base of \$3,033,125 - that being the requested amount of \$3,041,625 minus the \$8,500 reduction agreed to by Atikokan in its reply submission, subject to any adjustments to the Working Capital Allowance necessitated by the Board's determinations on the approved operating expenses elsewhere in this Decision. The Board finds that this amount is reasonable and that the Asset Management Plan supports its planned capital expenditures...

The \$8,500 represented the cost to repair the roof of the administrative building but Atikokan has agreed with its affiliate, Atikokan Enercom, with whom it shares the building, that Atikokan Enercom will incur the expenditure.

In preparing the models that support the DRO, Atikokan noticed that a reduction of \$8,500 in 2012 would only reduce the rate base by \$4,250 as a result on half year rule. Atikokan has reflected the half year rule in the calculation of the rate base. Table 2 outlined below provides the change in the Rate Base from the Initial Application to the Decision

Table 2 – Change in Rate Base

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Gross Fixed Assets (average)	5,661,851	34,171	5,696,022	(4,250)	5,691,772
Accumulated Depreciation (average)	(3,253,626)	86,883	(3,166,743)	0	(3,166,743)
Net Fixed Assets (average)	2,408,225	121,054	2,529,279	(4,250)	2,525,029
Allowance for Working Capital	505,561	6,784	512,346	(33,403)	478,942
Total Rate Base	2,913,786	127,838	3,041,625	(37,653)	3,003,971

Working Capital Allowance

Board Findings

The Board notes that, in the absence of a lead-lag study, the default for Working Capital Allowance for 2012 cost of service applicants is 15%. While this may be generous for Atikokan due to its monthly billing cycle, there is no evidence to suggest any other percentage other than the Board default of 15%. The Board will therefore approve a WCA factor of 15%, as identified in the 2012 Filing Guidelines

The working capital allowance has been updated to reflect the OM&A approved in the Decision and the revised Cost of Power reflecting the load forecast and updated 2012 retail transmission rates approved by the Board.

The revised calculation of the Working Capital Allowance is as shown in Table 3 below.

Table 3 – Revised Working Capital Allowance

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Controllable Expenses	1,175,151	45,229	1,220,380	(190,380)	1,030,000
Cost of Power	2,195,257	0	2,195,257	(32,309)	2,162,948
Working Capital Base	3,370,408	45,229	3,415,637	(222,689)	3,192,948
Working Capital Rate %	15%		15%		15%
Working Capital Allowance	505,561	6,784	512,346	(33,403)	478,942

The controllable expenses reflect the Decision and detail on this expense are provided further on in the DRO. Appendix D provides the detailed calculation supporting the 2012 cost of power reflecting the Decision.

Operating Revenue and Load Forecast

Board Findings

The Board finds that the lower forecast submitted in response to VECC IR # 8 c) and Board staff IR # 59 results in a more accurate result, given the loss of the Intermediate customer and little prospect of new customer load. The Board therefore finds a load forecast of 25,003,092 purchased system kWh and 23,276,163 billed kWh as being reasonable. The Board also accepts the customer forecast and the CDM adjustment. It should be noted that Atikokan did not find that it had a material amount of CDM up to and including 2011. The CDM reductions that relate to its CDM license conditions have been reflected in the approved load forecast.

Atikokan will implement a LRAM variance account as set out in the Guidelines.

With respect to the analysis and documentation of the street lighting load, the Board agrees with Board staff's suggestion that improved data is required with the next cost of service application

In preparing the models that support the DRO, Atikokan noticed that in response to a Board staff IR # 59 the value of 23,276,163 billed kWh was the amount before the CDM adjustment was applied. The amount billed shown in Board staff IR # 59 that is after the CDM adjustment is 23,044,163 kWh. Atikokan has used 23,044,163 billed kWh in the preparation of the DRO in order to reflect the Decision on load forecast. Table 4 outlines the changes in the load forecast from the Initial Application to the Decision.

Table 4 – Forecast Data for 2012 Test Year

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Predicted kWh Purchases	25,592,783	0	25,592,783	(589,691)	25,003,092
Billed kWh	23,593,125	0	23,593,125	(548,962)	23,044,163
Residential					
Customers	1,424	0	1,424	0	1,424
kWh	11,395,913	0	11,395,913	(282,893)	11,113,021
GS<50 kW					
Customers	235	0	235	0	235
kWh	6,387,021	0	6,387,021	(140,934)	6,246,087
GS>50 kW					
Customers	15	0	15	0	15
kWh	5,343,698	0	5,343,698	(125,135)	5,218,563
kW	14,205	0	14,205	(333)	13,872
Streetlights					
Connections	623	0	623	0	623
kWh	466,493	0	466,493	0	466,493
kW	1,316	0	1,316	0	1,316
Total					
Customer/Connections	2,297	0	2,297	0	2,297
kWh	23,593,125	0	23,593,125	(548,962)	23,044,163
kW from applicable classes	15,521	0	15,521	(333)	15,188

In accordance with the Guidelines for Electricity Distributor Conservation and Demand Management [EB-2012-0003], issued April 26, 2012, Atikokan will use the CDM adjustment assumed in the above 2012 load forecast to establish the value of kWh and kW, where applicable, for purposes of the LRAM variance account. These values are shown in table 5 and will be used for the LRAM variance account for 2012 and for all years up to the next rebasing year.

Table 5 – LRAM Variance Account Values for 2012 and until next rebasing.

	LRAM Variance Account Values
Residential	
kWh	110,787
GS<50 kW	
kWh	55,193
GS>50 kW	
kWh	60,654
kW	161
Streetlights	
kWh	5,367
kW	15
Total	
kWh	232,000
kW from applicable classes	176

With regards to the street lighting load, Atikokan will undertake to improve the data supporting the load forecast for the next cost of service application.

Regarding Other Revenues, the DRO includes the projected revenue offsets of \$125,235 which is the forecast proposed by Atikokan in its Application and approved by the Board in the Decision.

Operating Expenses

Board Findings

The Board agrees with the concerns expressed by VECC and Board staff with respect to the increase and the total amount of Atikokan's proposed OM&A budget. As shown in the evidence, on a per customer basis Atikokan's spend is significantly higher (almost 40%) than other distributors in its cohort. Coupled with a declining customer base and load, this is of great concern to the Board with respect to the resulting rates. Atikokan must increase its efforts to look for efficiency improvements and reduce its OM&A spending. The Board will not micromanage the distributor's

business by identifying where reductions should be made, whether in employee complement and compensation, regulatory costs or elsewhere. On an envelope basis the Board approves an OM&A budget approximately 15% lower than proposed, being \$1,030,000. This represents approximately a 3% increase over 2011 expenditures.

In accordance with the Decision the OM&A adjustment will be based on an “envelope” approach. It is Atikokan’s understanding that any determination of potential budget reductions to reflect the Board-approved 2012 OM&A will be at the discretion of Atikokan. For the Board’s assistance, Atikokan has considered on a preliminary basis how its OM&A budget as requested in the Application may be reduced to \$1,030,000 and has prepared the Table 6 illustrating how the reduction may be achieved.

Table 6 – Changes to OM&A.

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Operations	418,349	-	418,349	(73,019)	345,330
Maintenance	53,177	-	53,177	(12,000)	41,177
Billing and Collecting	153,170	-	153,170	(2,979)	150,191
Administrative and General Expenses	550,455	45,229	595,684	(102,382)	493,302
Total	1,175,151	45,229	1,220,380	(190,380)	1,030,000

With regards to depreciation, Atikokan has assumed an amount of \$168,424. This amount is \$370 less than the amount outlined in the Decision at the bottom of page 11 of \$168,793. The reduction reflects the change in amortization of PP&E deferral account of \$34,002 from four years to 46 months.

Regarding Taxes/PILs, the Table 7 outlines a PILs proxy of \$13,898 and is based on the methodology Atikokan has used to calculate its tax/PILs allowance for 2012 which has been approved by the Board in the Decision.

Table 7 – Changes to Taxes/PILs

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Deemed Utility Income	111,656	(698)	110,958	(1,374)	109,585
Tax Adjustments to Accounting Income	(13,997)	(20,162)	(34,159)	340	(33,819)
Regulatory Net Income	97,659	(20,860)	76,799	(1,034)	75,766
Tax Rate	15.50%	-	15.50%	-	15.50%
Total PILs before gross up	15,137	(3,233)	11,904	(160)	11,744
Grossed up PILs	17,914	(3,826)	14,087	(190)	13,898

Cost of Capital

Board Findings

The Board finds that Atikokan's proposal for the cost of capital, as amended, complies with the Board's policy and practice. Accordingly, the cost of capital parameters applicable to Atikokan's 2012 revenue requirement shall be:

Parameter	% Capitalization (Deemed)	Rate (%)
<i>Long-term Debt (Weighted Average)</i>	56%	4.22%
<i>Deemed Short-term Debt</i>	4%	2.08%
<i>Return on Equity</i>	40%	9.12%
<i>Weighted Average Cost of Capital</i>	100%	6.09%

Table 8 outlines the cost of capital and rate of return on rate base calculation reflecting the Decision and included in the DRO.

Table 8 – Changes to Rate of Return on Rate Base

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Capitalization					
Long-Term Debt	56%	-	56%	-	56%
Short-Term Debt	4%	-	4%	-	4%
Equity	40%	-	40%	-	40%
Rate of Return					
Long-Term Debt	4.57%	(0.35%)	4.22%	-	4.22%
Short-Term Debt	2.46%	(0.38%)	2.08%	-	2.08%
Equity	9.58%	(0.46%)	9.12%	-	9.12%
Rate Base	2,913,786	127,838	3,041,625	(37,653)	3,003,971
Return					
Long-Term Debt	74,559	(2,676)	71,883	(890)	70,993
Short-Term Debt	2,867	(337)	2,531	(31)	2,499
Equity	111,656	(698)	110,958	(1,374)	109,585
Total Return on Rate Base	189,083	(3,710)	185,372	(2,295)	183,077
Rate of Return on Rate Base	6.49%	(0.39%)	6.09%	0.00%	6.09%

Cost Allocation

Board Findings

The Board accepts Atikokan's proposed cost allocation ratios for 2012, as amended in response to VECC's interrogatories, that being:

Customer Class	2012 Revenue-to- Cost Ratios
<i>Residential</i>	<i>97.3%</i>
<i>GS < 50 kW</i>	<i>120.0%</i>
<i>GS > 50 kW</i>	<i>90.6%</i>
<i>Street lighting</i>	<i>90.6%</i>

With the revision to the revenue requirement and the load forecast, the two tables below outlined how Atikokan has implemented the Decision with regards to cost allocation.

With the change to load forecast base revenue at existing rates is recalculated for purposes of revenue deficiency and to determine the proportion of base revenue currently collected by rate class. This proportion is used to determine how the revised base revenue requirement would be collected before changes are made in the revenue to cost ratios. Table 9 shows the calculation of the base revenue at existing rates with the revised load forecast from the Decision

Table 9: Updated Base Revenue at Existing Rates

Class	Annual Volumes	UOM	Customers/ Connections	Existing Monthly Charge	Existing Volumetric Charge	Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. @ Exist Rates Including Transformer	Transformer Allowance	Dist. Rev. @ Exist Rates Excluding Transformer	Dist Rev At Existing Rates %
Residential	11,113,021	kWh	1,424	30.58	0.0121	522,368	134,468	656,835		656,835	60.53%
GS < 50 kW	6,246,087	kWh	235	70.02	0.0089	197,418	55,590	253,008		253,008	23.32%
GS > 50 kW	13,872	kW	15	440.74	1.7161	78,589	23,806	102,395	1,147	101,248	9.33%
Street Lighting	1,316	kW	623	8.13	10.0266	60,822	13,196	74,018		74,018	6.82%
Total						859,197	227,060	1,086,256	1,147	1,085,109	100.00%

Table 10 shows how the proportion of base revenue at existing rates is used to allocate the revised base revenue requirement by rate class which is used to determine the starting point revenue to cost ratios. The proposed revenue to cost ratios reflects the movement of the ratios consistent with the Decision with regards to cost allocation. The approach used for this movement in ratios is also consistent with the methodology used by Atikokan in the response to VECC interrogatory # 5.

Table 10: Updated Movement in Revenue to Cost Ratios

Class	Revenue Requirement - 2012 Cost Allocation Model	2012 Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Miscellaneous Revenue Allocated from 2012 Cost Allocation Model	Total Revenue	Starting Point Revenue Cost Ratio	Proposed Revenue to Cost Ratio	Proposed Revenue	Miscellaneous Revenue	Proposed Base Revenue
Residential	857,315	767,543	74,873	842,415	98.26%	98.26%	842,415	74,873	767,543
GS < 50 kW	247,459	295,652	22,136	317,788	128.42%	120.00%	296,951	22,136	274,815
GS > 50 kW	154,242	118,313	13,650	131,963	85.56%	88.01%	135,745	13,650	122,094
Street Lighting	134,221	86,494	14,576	101,070	75.30%	88.01%	118,125	14,576	103,549
Total	1,393,236	1,268,001	125,235	1,393,236			1,393,236	125,235	1,268,001

Rate Design

Elimination of Unmetered Scattered Load (“USL”) and Sentinel Lighting Classes

Board Findings

The Board approves the elimination of two rate classes, the unmetered scattered load class, and the Sentinel Lighting class, on the basis that these are no longer necessary, with no customers in either class. Should any new USL customers become customers of Atikokan, these customers are to be treated as customers in the GS < 50 kW class

Retail Transmission Service Rates (“RTSRs”)

Board Findings

The Board approves Atikokan’s proposed 2012 RTSRs as amended in response to VECC’s interrogatory. The revised proposal is consistent with Board policy and practice.

The approved RTSRs have been included in the Tariff of Rates and Charges and are summarized in Table 11

Table 11: Retail Transmission Service Rates.

Class	RTSR Network	RTSR Connection
Residential (\$/kWh)	\$0.0063	\$0.0037
GS < 50 kW (\$/kWh)	\$0.0056	\$0.0032
GS > 50 kW (\$/kW)	\$2.2668	\$1.2627
GS > 50 kW - Interval Metered (\$/kW)	\$2.4048	\$1.3956
Street Lighting (\$/kW)	\$1.7097	\$0.9760

Transformer Ownership Allowance (“TOA”) Credit

Board Findings

The Board approves a TOA credit of \$0.29/kW as a fixed rate and agrees that this more closely corresponds to the avoided cost.

The approved TOA credit has been included in the Tariff of Rates and Charges

Fixed/Variable Splits

Board Findings

The Board approves maintaining the existing percentage split between fixed and variable rates of about 80/20 on the grounds that, for a utility the size of Atikokan, this protects the utility from significant variability in revenues. As noted in Atikokan’s reply submission, this is consistent with previous decisions of the Board where the current fixed/variable proportions were maintained.

Table 12 provides the calculation of the proposed distribution monthly service charge and the volumetric charge resulting from the Decision regarding fixed/variable splits. The volumetric

charge for GS > 50 kW includes the “cost” of transformation allowance assuming a rate of \$0.29/kW

Table 12: Calculation of Distribution Charges

Class	Proposed Base Revenue	Current Fixed Charge Spilt	Current Variable Charge Spilt	Proposed Fixed Costs	Proposed Variable Costs	Transformer Allowance	Annual Volumes	UOM	Customers/ Connections	Proposed Monthly Charge	Proposed Volumetric Charge
Residential	767,543	79.53%	20.47%	610,411	157,132		11,113,021	kWh	1,424	35.73	0.0141
GS < 50 kW	274,815	78.03%	21.97%	214,434	60,382		6,246,087	kWh	235	76.06	0.0097
GS > 50 kW	122,094	77.62%	22.38%	94,770	27,324	1,938	13,872	kW	15	531.49	2.1095
Street Lighting	103,549	82.17%	17.83%	85,088	18,461		1,316	kW	623	11.37	14.0269
Total	1,268,001			1,004,703	263,298	1,938					

Loss Factors

Board Findings

The Board accepts the proposed Total Loss Factors (e.g. 7.78% for a secondary metered customer < 5,000 kW), but is concerned about these high loss factors. The Board’s policy on the level of losses required applicants to file a plan on reducing losses if the distribution loss factor is at or above 5%. Atikokan’s proposed distribution loss factor for a secondary metered customer < 5,000 kW is 7.3%. The Board directs Atikokan to investigate measures to reduce losses and to have empirical data available in its next cost of service filing to explain the level of losses and what has been done to reduce losses. The Board notes that Atikokan, in its reply submission, indicated agreement to conduct such a review and provide the results in the next cost of service application.

The above loss factors have been included in the Tariff of Rates and Charges provided in Appendix A. Atikokan will undertake to investigate measures to reduce losses and to have empirical data available in its next cost of service filing to explain the level of losses and what has been done to reduce losses.

Deferral and Variance Accounts

Summary of Board Findings

- *The Board will not defer clearing of the Group 1 and Group 2 DVA balances*
- *The Board confirms that the Group 1 DVA balances for 2008 and 2009 as revised in the response to the Board staff interrogatory filed on April 11, 2012 correctly reflect the Board's prior decision, and are final for the purposes of disposition*
- *The Board denies the request for OMERS contributions for the period 2006 to 2011 and OEB cost assessments for the period 2006 to 2009 as being out of period.*
- *The Board approves the incorporation of the Account 1592 Sub-account HST/OVAT Input Tax Credits balance of December 31, 2010 of a credit of \$7,716 in the DVA account balances being considered for disposition in this proceeding*
- *The Board accepts that the principal balance of Account 1562 – deferred PILs to be disposed shall be \$8,222, plus interest to April 30, 2012 of \$2,260. Atikokan should include this amount in the Group 1 and Group 2 DVA balances to be recovered through rate riders resulting from this Decision.*

Table 13 summarizes the Group 1 and 2 DVA accounts that will be disposed of resulting from the Decision

Table 13: Group 1 and 2 DVA Accounts

Group 1 DVA Accounts				
Account Description	Account Number	Principal (\$)	Interest (\$)	Total Claim
RSVA - Wholesale Market Service Charge	1580	\$ (36,935)	\$ 14,276	\$ (22,659)
RSVA - Retail Transmission Network Charge	1584	\$ 8,273	\$ 765	\$ 9,038
RSVA - Retail Transmission Connection Charge	1586	\$ 34,957	\$ 13,411	\$ 48,368
RSVA - Power (excluding Global Adjustment)	1588	\$ (5,710)	\$ 8,256	\$ 2,546
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ 9,626	\$ 59	\$ 9,685
Recovery of Regulatory Asset Balances	1590	\$ 1,274	\$ (640)	\$ 634
	Sub-Totals	\$ 11,485	\$ 36,127	\$ 47,612
Group 2 DVA Accounts				
Retail Cost Variance Account – Retail	1518	\$ 6,879	\$ 157	\$ 7,036
Retail Cost Variance Account – STR	1548	\$ 20,293	\$ 601	\$ 20,894
Differed Payments in Lieu of Taxes	1562	\$ 8,222	\$ 2,260	\$ 10,482
Input Tax Credit	1592	\$ (7,605)	\$ (111)	\$ (7,716)
Special Purpose Charge	1521	\$ 1,592	\$ 138	\$ 1,730
	Sub-Totals	\$ 29,381	\$ 3,046	\$ 32,427
	Totals	\$ 40,866	\$ 39,173	\$ 80,039

A Deferral and Variance Account Rate Rider Model has been provided as part of this DRO to support the detailed calculations of the deferral and variance account rate riders. These riders are design to dispose of the Group 1 and 2 DVA balance outlined in Table 13 over a 46 month period. Table 14 summarizes the DVA Rate Riders by Rate Class.

Table 14: DVA Rate Riders

Class	DVA Rate Rider for all Customers	DVA Rate Rider for Non-RPP Customers
Residential (\$/kWh)	\$0.0009	\$0.0004
GS < 50 kW (\$/kWh)	\$0.0006	\$0.0004
GS > 50 kW (\$/kW)	\$0.1897	\$0.1349
Street Lighting (\$/kW)	\$1.3885	\$0.1271

Smart Meters

Board Findings

The Board agrees with the concerns raised by Board staff and VECC in their submissions. The significant increases in the smart meter costs identified in responses to interrogatories is concerning. Considering that Atikokan's smart meter costs were reviewed, albeit not in the context of a detailed review of the prudence of all costs, in the context of an application for an increased Smart Meter Funding Adder in mid-2010 [EB-2010-0185], the Board expected more detailed evidence on smart meter costs in this Application

The Board will accept VECC's proposal and allow for recovery of 50% of the requested smart meter costs at this time. The Board will direct the Regulatory Accounting and Audit branch of the Board to conduct an audit of Atikokan's smart meter costs. The results of the audit will be considered by the Board with respect to the final amounts to be authorized for recovery in a future application to be filed by Atikokan no later than 6 months from the completion of the subject audit.

A Smart Meter Model and a Smart Meter Model by Rate Class has been provided as part of this DRO to support the calculation of the Smart Meter Disposition Rider by rate class assuming recovery of 50% of the requested smart meter costs at this time. Table 15 provides the resulting SMDR by rate class

Table 15: Smart Meter Disposition Rider by Rate Class

Class	SMDR (\$/Month)
Residential	\$0.55
GS < 50 kW	\$0.63
GS > 50 kW	\$1.09

Stranded Meters

Board Findings

The Board approves the SMRR of \$0.39 per month, to be collected from Residential, GS < 50 kW and GS > 50 kW customers over a period of 36 months, as proposed. The recovery period will be from July 1, 2012 to June 30, 2015.

Atikokan has reflected in this DRO a SMRR of \$0.39 per month, to be collected from Residential, GS < 50 kW and GS > 50 kW customers over a period of 36 months.

Rate Mitigation

The results of the Decision have reduced the bill impacts for all customers in the Residential, GS < 50 kW and GS > 50 kW classes to be below 10%. As a result, there is no need for a rate mitigation plan.

Other Matters

Transition from CGAAP to MIFRS

Board Findings

The Board has examined all of the evidence and submissions from Atikokan and the submission of Board staff, and notes Atikokan's acceptance of Board staff's submission. The Board directs Atikokan to provide an updated calculation of the return on the rate base for the PP&E adjustment and submit an updated RRWF when it files its draft Rate Order. That amount, once established as part of the Draft Rate Order process, will be subject to a 46 month amortization period for the PP&E deferral account.

Atikokan has revised the calculation of the PP&E adjustment to update the calculation of the return on rate base and to move to a 46 month amortization period for the PP&E deferral account. The following table provides the revised calculation of the PP&E adjustment.

Table 16: Revised PP&E Adjustment

	2009 CGAAP	2010 CGAAP	2011 CGAAP
Opening Net PPE	1,929,992	1,974,174	2,232,756
Additions	183,821	364,742	79,300
Depreciation	139,638	106,159	190,722
Closing PPE	1,974,174	2,232,756	2,121,334
	2009 CGAAP	2010 CGAAP	2011 MIFRS
Opening Net PPE	1,929,992	1,974,174	2,232,756
Additions	183,821	364,742	79,300
Depreciation	139,638	106,159	156,720
Closing PPE	1,974,174	2,232,756	2,155,336
Difference in Closing net PP&E, CGAAP vs MIFRS			34,002
Rate of Return			6.09%

Return	2,072
Amortization over 4 years	8,500
Revenue Requirement Reduction	10,573
Adjustment to reflect 46 month amortization	
Return - amount above times 48 divide by 46	2,162
Amortization - amount above times 48 divide by 46	8,870
Revenue Requirement Reduction	11,032

Bill Impacts

The bill impacts for typical customers are summarized in Table 16 below. Detailed bill impacts for various consumptions and demands by customer class are included in Appendix B.

Table 17 – Bill impacts

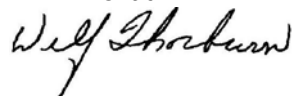
Class	kWh per month	kW per month	Total Bill Impact
Residential	800		5.07%
GS < 50 kW	2,000		3.29%
GS > 50 kW	30,000	100	5.81%

Conclusion

Atikokan has created this Draft Rate Order in compliance with the Decision. Atikokan respectfully submits its draft Tariff of Rates and Charges, to be effective July 1, 2012

DATED THIS 3RD DAY OF JULY 2012

Wilf Thorburn



Chief Executive Officer
Atikokan Hydro Inc.

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

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 or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	35.73
Smart Meter Cost Recovery Rider – effective until June 30, 2015	\$	0.55
Stranded Meter Rate Rider - effective until June 30, 2015	\$	0.39
Distribution Volumetric Rate	\$/kWh	0.0141
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2016	\$/kWh	0.0009
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037

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

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	76.06
Smart Meter Cost Recovery Rider – effective until June 30, 2015	\$	0.63
Stranded Meter Rate Rider - effective until June 30, 2015	\$	0.39
Distribution Volumetric Rate	\$/kWh	0.0097
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2016	\$/kWh	0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032

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

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 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 or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	531.49
Smart Meter Cost Recovery Rider – effective until June 30, 2015	\$	1.09
Stranded Meter Rate Rider - effective until June 30, 2015	\$	0.39
Distribution Volumetric Rate	\$/kW	2.1095
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2016		
Applicable only for Non-RPP Customers	\$/kW	0.1349
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2016	\$/kW	0.1897
Retail Transmission Rate – Network Service Rate	\$/kW	2.2668
Retail Transmission Rate – Network Service Rate – Interval Metered	\$/kW	2.4048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2627
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	\$/kW	1.3956

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

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	11.37
Distribution Volumetric Rate	\$/kW	14.0269
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2016		
Applicable only for Non-RPP Customers	\$/kW	0.1271
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2016	\$/kW	1.3885
Retail Transmission Rate – Network Service Rate	\$/kW	1.7097
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9760

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

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

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 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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.25
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ALLOWANCES

Transformer Allowance for Ownership – per kW of billing demand/month	\$	0.29
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

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 or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

Customer Administration	
Returned Cheque charge (plus bank charges)	\$ 25.00
Account set up charge / change of occupancy charge (plus credit agency costs if applicable)	\$ 25.00
Special Meter reads	\$ 25.00
Non-Payment of Account	
Late Payment - per month	% 1.50
Late Payment - per annum	% 19.56
Collection of account charge – no disconnection	\$ 25.00
Disconnect/Reconnect at Meter – during regular hours	\$ 28.00
Disconnect/Reconnect at Meter – after regular hours	\$ 315.00
Disconnect/Reconnect at Pole – during regular hours	\$ 28.00
Disconnect/Reconnect at Pole – after regular hours	\$ 315.00
Specific Charge for Access to the Power Poles – per pole/year	\$ 22.35

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

Atikokan Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective Date July 1, 2012

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

EB-2011-0293

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 factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customers	1.0778
Total Loss Factor – Primary Metered Customers	1.0671

Appendix B

RESIDENTIAL

Consumption	100 kWh	2011 BILL			2012 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				30.58			35.73	5.15	16.84%	65.95%
Distribution (kWh)		100	0.0121	1.21	100	0.0141	1.41	0.20	16.53%	2.60%
Late Payment Rate Rider				0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)				3.50			0.55	(2.95)	(84.31%)	1.01%
Rate Mitigation Rider (kWh)		100	0.0000	0.00	100	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)							0.39	0.39	#DIV/0!	0.72%
Deferral & Variance Acct (kWh)		100	(0.0018)	(0.18)	100	0.0009	0.09	0.27	(149.55%)	0.16%
Distribution Sub-Total				35.40			38.17	2.77	7.82%	70.45%
Retail Transmission (kWh)		108	0.0097	1.04	108	0.009927539	1.07	0.03	2.59%	1.98%
Delivery Sub-Total				36.44			39.24	2.79	7.67%	72.42%
Other Charges (kWh)		108	0.0130	1.40	108	0.0128	1.38	(0.02)	(1.42%)	2.55%
Cost of Power Commodity (kWh)		108	0.0680	7.31	108	0.0680	7.33	0.02	0.24%	13.53%
SPC (kWh)		108	0.0000	0.00	108	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes				45.15			47.94	2.76	6.12%	88.50%
HST			13.00%	5.87		13.00%	6.23	0.36	6.18%	11.50%
Total Bill				51.02			54.18	3.13	6.13%	100.00%

RESIDENTIAL

Consumption	250 kWh	2011 BILL			2012 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				30.58			35.73	5.15	16.84%	48.75%
Distribution (kWh)		250	0.0121	3.03	250	0.0141	3.53	0.50	16.53%	4.81%
Late Payment Rate Rider				0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)				3.50			0.55	(2.95)	(84.31%)	0.75%
Rate Mitigation Rider (kWh)		250	0.0000	0.00	250	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)							0.39	0.39	#DIV/0!	0.53%
Deferral & Variance Acct (kWh)		250	(0.0018)	(0.45)	250	0.0009	0.22	0.67	(149.55%)	0.30%
Distribution Sub-Total				36.95			40.42	3.47	9.39%	55.14%
Retail Transmission (kWh)		269	0.0097	2.61	269	0.009927539	2.68	0.07	2.59%	3.65%
Delivery Sub-Total				39.55			43.09	3.54	8.94%	58.79%
Other Charges (kWh)		269	0.0130	3.50	269	0.0128	3.45	(0.05)	(1.42%)	4.70%
Cost of Power Commodity (kWh)		269	0.0680	18.28	269	0.0680	18.32	0.04	0.24%	25.00%
SPC (kWh)		269	0.0000	0.00	269	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes				61.33			64.86	3.46	5.65%	88.50%
HST			13.00%	7.97		13.00%	8.43	0.46	5.76%	11.50%
Total Bill				69.30			73.29	3.92	5.66%	100.00%

RESIDENTIAL

Consumption	500 kWh	2011 BILL			2012 BILL			IMPACT		
		Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Monthly Service Charge				30.58			35.73	5.15	16.84%	33.98%
Distribution (kWh)		500	0.0121	6.05	500	0.0141	7.05	1.00	16.53%	6.70%
Late Payment Rate Rider				0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)				3.50			0.55	(2.95)	(84.31%)	0.52%
Rate Mitigation Rider (kWh)		500	0.0000	0.00	500	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)							0.39	0.39	#DIV/0!	0.37%
Deferral & Variance Acct (kWh)		500	(0.0018)	(0.90)	500	0.0009	0.45	1.35	(149.55%)	0.42%
Distribution Sub-Total				39.52			44.16	4.64	11.75%	42.00%
Retail Transmission (kWh)		538	0.0097	5.22	539	0.009927539	5.35	0.13	2.59%	5.09%
Delivery Sub-Total				44.74			49.51	4.78	10.68%	47.09%
Other Charges (kWh)		538	0.0130	6.99	539	0.0128	6.90	(0.10)	(1.42%)	6.56%
Cost of Power Commodity (kWh)		538	0.0680	36.56	539	0.0680	36.65	0.09	0.24%	34.85%
SPC (kWh)		538	0.0000	0.00	538	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes				88.29			93.06	4.63	5.24%	88.50%
HST			13.00%	11.48		13.00%	12.10	0.62	5.40%	11.50%
Total Bill				99.77			105.15	5.25	5.26%	100.00%

RESIDENTIAL

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
581 kWh									
Monthly Service Charge			30.58			35.73	5.15	16.84%	268.20%
Distribution (kWh)	581	0.0121	7.03	581	0.0141	8.19	1.16	16.53%	61.49%
Late Payment Rate Rider			0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.55	(2.95)	(84.31%)	4.12%
Rate Mitigation Rider (kWh)	581	0.0000	0.00	581	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.34%
Deferral & Variance Acct (kWh)	581	(0.0018)	(1.05)	581	0.0009	0.52	1.56	(149.55%)	0.45%
Distribution Sub-Total			40.35			45.38	5.02	12.45%	39.19%
Retail Transmission (kWh)	625	0.0097	6.06	625	0.009927539	6.22	0.16	2.59%	5.37%
Delivery Sub-Total			46.41			51.59	5.18	11.16%	44.55%
Other Charges (kWh)	625	0.0130	8.13	625	0.0128	8.01	(0.12)	(1.42%)	6.92%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	35.23%
Cost of Power Commodity (kWh)	25	0.0790	1.96	26	0.0790	2.07	0.12	5.95%	1.79%
SPC (kWh)	625	0.0000	0.00	625	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			97.30			102.48	5.18	5.32%	88.50%
HST		13.00%	12.65		13.00%	13.32	0.67	5.32%	11.50%
Total Bill			109.95			115.80	5.85	5.32%	100.00%

RESIDENTIAL

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
800 kWh									
Monthly Service Charge			30.58			35.73	5.15	16.84%	24.37%
Distribution (kWh)	800	0.0121	9.68	800	0.0141	11.28	1.60	16.53%	7.69%
Late Payment Rate Rider			0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.55	(2.95)	(84.31%)	0.37%
Rate Mitigation Rider (kWh)	800	0.0000	0.00	800	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.26%
Deferral & Variance Acct (kWh)	800	(0.0018)	(1.44)	800	0.0009	0.71	2.15	(149.55%)	0.49%
Distribution Sub-Total			42.61			48.66	6.05	14.20%	33.18%
Retail Transmission (kWh)	860	0.0097	8.34	862	0.009927539	8.56	0.22	2.59%	5.84%
Delivery Sub-Total			50.95			57.22	6.27	12.30%	39.02%
Other Charges (kWh)	860	0.0130	11.19	862	0.0128	11.03	(0.16)	(1.42%)	7.52%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	27.82%
Cost of Power Commodity (kWh)	260	0.0790	20.56	262	0.0790	20.72	0.16	0.78%	14.13%
SPC (kWh)	860	0.0000	0.00	860	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			123.50			129.77	6.27	5.07%	88.50%
HST		13.00%	16.06		13.00%	16.87	0.81	5.07%	11.50%
Total Bill			139.56			146.64	7.08	5.07%	100.00%

RESIDENTIAL

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
1,000 kWh									
Monthly Service Charge			30.58			35.73	5.15	16.84%	20.44%
Distribution (kWh)	1,000	0.0121	12.10	1,000	0.0141	14.10	2.00	16.53%	8.07%
Late Payment Rate Rider			0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.55	(2.95)	(84.31%)	0.31%
Rate Mitigation Rider (kWh)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.22%
Deferral & Variance Acct (kWh)	1,000	(0.0018)	(1.80)	1,000	0.0009	0.89	2.69	(149.55%)	0.51%
Distribution Sub-Total			44.67			51.66	6.99	15.65%	29.55%
Retail Transmission (kWh)	1,075	0.0097	10.43	1,078	0.009927539	10.70	0.27	2.59%	6.12%
Delivery Sub-Total			55.10			62.36	7.26	13.17%	35.67%
Other Charges (kWh)	1,075	0.0130	13.99	1,078	0.0128	13.79	(0.20)	(1.42%)	7.89%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	23.34%
Cost of Power Commodity (kWh)	475	0.0790	37.55	478	0.0790	37.75	0.20	0.53%	21.59%
SPC (kWh)	1,075	0.0000	0.00	1,075	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			147.44			154.70	7.26	4.92%	88.50%
HST		13.00%	19.17		13.00%	20.11	0.94	4.92%	11.50%
Total Bill			166.61			174.81	8.20	4.92%	100.00%

RESIDENTIAL

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
1,500 kWh									
Monthly Service Charge			30.58			35.73	5.15	16.84%	14.57%
Distribution (kWh)	1,500	0.0121	18.15	1,500	0.0141	21.15	3.00	16.53%	8.62%
Late Payment Rate Rider			0.29			0.00	(0.29)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.55	(2.95)	(84.31%)	0.22%
Rate Mitigation Rider (kWh)	1,500	0.0000	0.00	1,500	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.16%
Deferral & Variance Acct (kWh)	1,500	(0.0018)	(2.70)	1,500	0.0009	1.34	4.04	(149.55%)	0.55%
Distribution Sub-Total			49.82			59.16	9.34	18.74%	24.12%
Retail Transmission (kWh)	1,613	0.0097	15.65	1,617	0.009927539	16.05	0.40	2.59%	6.55%
Delivery Sub-Total			65.47			75.21	9.74	14.88%	30.67%
Other Charges (kWh)	1,613	0.0130	20.98	1,617	0.0128	20.69	(0.30)	(1.42%)	8.44%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	16.64%
Cost of Power Commodity (kWh)	1,013	0.0790	80.02	1,017	0.0790	80.32	0.30	0.38%	32.75%
SPC (kWh)	1,613	0.0000	0.00	1,613	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			207.27			217.01	9.74	4.70%	88.50%
HST		13.00%	26.95		13.00%	28.21	1.27	4.70%	11.50%
Total Bill			234.22			245.23	11.01	4.70%	100.00%

GENERAL SERVICE < 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
2,000 kWh									
Monthly Service Charge			70.02			76.06	6.04	8.63%	21.85%
Distribution (kWh)	2,000	0.0089	17.80	2,000	0.0097	19.40	1.60	8.99%	5.57%
Late Payment Rate Rider			0.71			0.00	(0.71)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.63	(2.87)	(82.12%)	0.18%
LRAM & SSM Rider (kWh)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.11%
Deferral & Variance Acct (kWh)	2,000	(0.0018)	(3.60)	2,000	0.0006	1.27	4.87	(135.41%)	0.37%
Distribution Sub-Total			88.43			97.75	9.32	10.54%	28.08%
Retail Transmission (kWh)	2,151	0.0086	18.50	2,156	0.008805766	18.98	0.49	2.63%	5.45%
Delivery Sub-Total			106.93			116.73	9.81	9.17%	33.54%
Other Charges (kWh)	2,151	0.0130	27.98	2,156	0.0128	27.58	(0.40)	(1.42%)	7.92%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	11.72%
Cost of Power Commodity (kWh)	1,551	0.0790	122.50	1,556	0.0790	122.90	0.40	0.33%	35.31%
SPC (kWh)	2,151	0.0000	0.00	2,151	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			298.20			308.01	\$9.81	3.29%	88.50%
HST		13.00%	38.77		13.00%	40.04	1.28	3.29%	11.50%
Total Bill			336.97			348.05	\$11.08	3.29%	100.00%

GENERAL SERVICE < 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
5,000 kWh									
Monthly Service Charge			70.02			76.06	6.04	8.63%	10.13%
Distribution (kWh)	5,000	0.0089	44.50	5,000	0.0097	48.50	4.00	8.99%	6.46%
Late Payment Rate Rider			0.71			0.00	(0.71)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.63	(2.87)	(82.12%)	0.08%
LRAM & SSM Rider (kWh)	5,000	0.0000	0.00	5,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.05%
Deferral & Variance Acct (kWh)	5,000	(0.0018)	(9.00)	5,000	0.0006	3.19	12.19	(135.41%)	0.42%
Distribution Sub-Total			109.73			128.76	19.03	17.34%	17.15%
Retail Transmission (kWh)	5,377	0.0086	46.24	5,389	0.008805766	47.46	1.22	2.63%	6.32%
Delivery Sub-Total			155.97			176.22	20.25	12.98%	23.47%
Other Charges (kWh)	5,377	0.0130	69.95	5,389	0.0128	68.95	(1.00)	(1.42%)	9.19%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	5.44%
Cost of Power Commodity (kWh)	4,777	0.0790	377.34	4,789	0.0790	378.34	1.00	0.27%	50.40%
SPC (kWh)	5,377	0.0000	0.00	5,377	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			644.06			664.31	\$20.25	3.14%	88.50%
HST		13.00%	83.73		13.00%	86.36	2.63	3.14%	11.50%
Total Bill			727.79			750.67	\$22.89	3.14%	100.00%

GENERAL SERVICE < 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
10,000 kWh									
Monthly Service Charge			70.02			76.06	6.04	8.63%	5.35%
Distribution (kWh)	10,000	0.0089	89.00	10,000	0.0097	97.00	8.00	8.99%	6.82%
Late Payment Rate Rider			0.71			0.00	(0.71)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.63	(2.87)	(82.12%)	0.04%
LRAM & SSM Rider (kWh)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.03%
Deferral & Variance Acct (kWh)	10,000	(0.0018)	(18.00)	10,000	0.0006	6.37	24.37	(135.41%)	0.45%
Distribution Sub-Total			145.23			180.45	35.22	24.25%	12.69%
Retail Transmission (kWh)	10,753	0.0086	92.48	10,778	0.008805766	94.91	2.44	2.63%	6.68%
Delivery Sub-Total			237.71			275.36	37.65	15.84%	19.37%
Other Charges (kWh)	10,753	0.0130	139.89	10,778	0.0128	137.90	(1.99)	(1.42%)	9.70%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	2.87%
Cost of Power Commodity (kWh)	10,153	0.0790	802.09	10,178	0.0790	804.09	2.00	0.25%	56.56%
SPC (kWh)	10,753	0.0000	0.00	10,753	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			1,220.49			1,258.15	\$37.67	3.09%	88.50%
HST		13.00%	158.66		13.00%	163.56	4.90	3.09%	11.50%
Total Bill			1,379.15			1,421.71	\$42.56	3.09%	100.00%

GENERAL SERVICE < 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
12,500 kWh									
Monthly Service Charge			70.02			76.06	6.04	8.63%	4.33%
Distribution (kWh)	12,500	0.0089	111.25	12,500	0.0097	121.25	10.00	8.99%	6.90%
Late Payment Rate Rider			0.71			0.00	(0.71)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.63	(2.87)	(82.12%)	0.04%
LRAM & SSM Rider (kWh)	12,500	0.0000	0.00	12,500	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.02%
Deferral & Variance Acct (kWh)	12,500	(0.0018)	(22.50)	12,500	0.0006	7.97	30.47	(135.41%)	0.45%
Distribution Sub-Total			162.98			206.29	43.31	26.57%	11.74%
Retail Transmission (kWh)	13,441	0.0086	115.59	13,473	0.008805766	118.64	3.04	2.63%	6.75%
Delivery Sub-Total			278.57			324.93	46.36	16.64%	18.49%
Other Charges (kWh)	13,441	0.0130	174.87	13,473	0.0128	172.38	(2.49)	(1.42%)	9.81%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	2.32%
Cost of Power Commodity (kWh)	12,841	0.0790	1,014.46	12,873	0.0790	1,016.96	2.50	0.25%	57.87%
SPC (kWh)	13,441	0.0000	0.00	13,441	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			1,508.70			1,555.07	\$46.37	3.07%	88.50%
HST		13.00%	196.13		13.00%	202.16	6.03	3.07%	11.50%
Total Bill			1,704.83			1,757.23	\$52.40	3.07%	100.00%

GENERAL SERVICE < 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Consumption									
15,000 kWh									
Monthly Service Charge			70.02			76.06	6.04	8.63%	3.63%
Distribution (kWh)	15,000	0.0089	133.50	15,000	0.0097	145.50	12.00	8.99%	6.95%
Late Payment Rate Rider			0.71			0.00	(0.71)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			0.63	(2.87)	(82.12%)	0.03%
LRAM & SSM Rider (kWh)	15,000	0.0000	0.00	15,000	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.02%
Deferral & Variance Acct (kWh)	15,000	(0.0018)	(27.00)	15,000	0.0006	9.56	36.56	(135.41%)	0.46%
Distribution Sub-Total			180.73			232.13	51.40	28.44%	11.09%
Retail Transmission (kWh)	16,130	0.0086	138.71	16,168	0.008805766	142.37	3.65	2.63%	6.80%
Delivery Sub-Total			319.44			374.50	55.06	17.24%	17.90%
Other Charges (kWh)	16,130	0.0130	209.84	16,168	0.0128	206.86	(2.99)	(1.42%)	9.88%
Cost of Power Commodity (kWh)	600	0.0680	40.80	600	0.0680	40.80	0.00	0.00%	1.95%
Cost of Power Commodity (kWh)	15,530	0.0790	1,226.83	15,568	0.0790	1,229.83	3.00	0.24%	58.77%
SPC (kWh)	16,130	0.0000	0.00	16,130	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			1,796.92			1,851.99	\$55.08	3.07%	88.50%
HST		13.00%	233.60		13.00%	240.76	7.16	3.07%	11.50%
Total Bill			2,030.52			2,092.75	\$62.24	3.07%	100.00%

GENERAL SERVICE > 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption									
30,000 kWh									
100 kW									
Monthly Service Charge			440.74			531.49	90.75	20.59%	12.63%
Distribution (kW)	100	1.7161	171.61	100	2.1095	210.95	39.34	22.92%	5.01%
Late Payment Rate Rider			2.51			0.00	(2.51)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			3.50	0.00	0.00%	0.08%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.01%
Deferral & Variance Acct (kW)	100	(0.6885)	(68.85)	100	0.0000	0.00	68.85	(100.00%)	0.00%
Distribution Sub-Total			549.51			746.33	196.82	35.82%	17.74%
Retail Transmission (kW)	100	3.4465	344.65	100	3.529468879	352.95	8.30	2.41%	8.39%
Delivery Sub-Total			894.16			1,099.27	205.11	22.94%	26.12%
Other Charges (kWh)	32,259	0.0130	419.68	32,335	0.0128	413.71	(5.97)	(1.42%)	9.83%
Cost of Power Commodity (kWh)	32,259	0.0684	2,205.55	32,335	0.0684	2,210.75	5.20	0.24%	52.54%
SPC (kWh)	32,259	0.0000	0.00	32,259	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			3,519.39			3,723.73	204.34	5.81%	88.50%
HST		13.00%	457.52		13.00%	484.09	26.56	5.81%	11.50%
Total Bill			3,976.91			4,207.82	230.91	5.81%	100.00%

GENERAL SERVICE > 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption									
75,000 kWh									
250 kW									
Monthly Service Charge			440.74			531.49	90.75	20.59%	5.53%
Distribution (kW)	250	1.7161	429.03	250	2.1095	527.38	98.35	22.92%	5.49%
Late Payment Rate Rider			2.51			0.00	(2.51)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			3.50	0.00	0.00%	0.04%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	250	(0.6885)	(172.13)	250	0.0000	0.00	172.13	(100.00%)	0.00%
Distribution Sub-Total			703.65			1,062.75	359.10	51.03%	11.06%
Retail Transmission (kW)	250	3.4465	861.63	250	3.529468879	882.37	20.74	2.41%	9.18%
Delivery Sub-Total			1,565.28			1,945.12	379.85	24.27%	20.24%
Other Charges (kWh)	80,648	0.0130	1,049.21	80,838	0.0128	1,034.28	(14.93)	(1.42%)	10.76%
Cost of Power Commodity (kWh)	80,648	0.0684	5,513.87	80,838	0.0684	5,526.87	13.00	0.24%	57.50%
SPC (kWh)	80,648	0.0000	0.00	80,648	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			8,128.35			8,506.27	377.91	4.65%	88.50%
HST		13.00%	1,056.69		13.00%	1,105.81	49.13	4.65%	11.50%
Total Bill			9,185.04			9,612.08	427.04	4.65%	100.00%

GENERAL SERVICE > 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption									
100,000 kWh									
350 kW									
Monthly Service Charge			440.74			531.49	90.75	20.59%	4.18%
Distribution (kW)	350	1.7161	600.64	350	2.1095	738.33	137.69	22.92%	5.80%
Late Payment Rate Rider			2.51			0.00	(2.51)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			3.50	0.00	0.00%	0.03%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	350	(0.6885)	(240.98)	350	0.0000	0.00	240.98	(100.00%)	0.00%
Distribution Sub-Total			806.41			1,273.70	467.29	57.95%	10.01%
Retail Transmission (kW)	350	3.4465	1,206.28	350	3.529468879	1,235.31	29.04	2.41%	9.71%
Delivery Sub-Total			2,012.69			2,509.02	496.33	24.66%	19.72%
Other Charges (kWh)	107,530	0.0130	1,398.95	107,784	0.0128	1,379.04	(19.91)	(1.42%)	10.84%
Cost of Power Commodity (kWh)	107,530	0.0684	7,351.83	107,784	0.0684	7,369.16	17.33	0.24%	57.93%
SPC (kWh)	107,530	0.0000	0.00	107,530	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			10,763.46			11,257.21	493.76	4.59%	88.50%
HST		13.00%	1,399.25		13.00%	1,463.44	64.19	4.59%	11.50%
Total Bill			12,162.71			12,720.65	557.95	4.59%	100.00%

GENERAL SERVICE > 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption									
800,000 kWh									
2,000 kW									
Monthly Service Charge			440.74			531.49	90.75	20.59%	0.58%
Distribution (kW)	2,000	1.7161	3,432.20	2,000	2.1095	4,219.00	786.80	22.92%	4.56%
Late Payment Rate Rider			2.51			0.00	(2.51)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			3.50	0.00	0.00%	0.00%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	2,000	(0.6885)	(1,377.00)	2,000	0.0000	0.00	1,377.00	(100.00%)	0.00%
Distribution Sub-Total			2,501.95			4,754.38	2,252.43	90.03%	5.14%
Retail Transmission (kW)	2,000	3.4465	6,893.00	2,000	3.529468879	7,058.94	165.94	2.41%	7.64%
Delivery Sub-Total			9,394.95			11,813.32	2,418.37	25.74%	12.78%
Other Charges (kWh)	860,240	0.0130	11,191.56	862,268	0.0128	11,032.29	(159.27)	(1.42%)	11.94%
Cost of Power Commodity (kWh)	860,240	0.0684	58,814.61	862,268	0.0684	58,953.28	138.67	0.24%	63.78%
SPC (kWh)	860,240	0.0000	0.00	860,240	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			79,401.12			81,798.88	2,397.76	3.02%	88.50%
HST		13.00%	10,322.15		13.00%	10,633.85	311.71	3.02%	11.50%
Total Bill			89,723.26			92,432.74	2,709.47	3.02%	100.00%

GENERAL SERVICE > 50 kW

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Consumption									
1,600,000 kWh									
4,000 kW									
Monthly Service Charge			440.74			531.49	90.75	20.59%	0.29%
Distribution (kW)	4,000	1.7161	6,864.40	4,000	2.1095	8,438.00	1,573.60	22.92%	4.58%
Late Payment Rate Rider			2.51			0.00	(2.51)	(100.00%)	0.00%
Smart Meter Rider (per month)			3.50			3.50	0.00	0.00%	0.00%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Stranded Meter Rider (per month)			0.00			0.39	0.39	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	4,000	(0.6885)	(2,754.00)	4,000	0.0000	0.00	2,754.00	(100.00%)	0.00%
Distribution Sub-Total			4,557.15			8,973.38	4,416.23	96.91%	4.87%
Retail Transmission (kW)	4,000	3.4465	13,786.00	4,000	3.529468879	14,117.88	331.88	2.41%	7.66%
Delivery Sub-Total			18,343.15			23,091.25	4,748.10	25.88%	12.53%
Other Charges (kWh)	1,720,480	0.0130	22,383.12	1,724,536	0.0128	22,064.58	(318.54)	(1.42%)	11.97%
Cost of Power Commodity (kWh)	1,720,480	0.0684	117,629.22	1,724,536	0.0684	117,906.55	277.34	0.24%	63.99%
SPC (kWh)	1,720,480	0.0000	0.00	1,720,480	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			158,355.49			163,062.39	4,706.90	2.97%	88.50%
HST		13.00%	20,586.21		13.00%	21,198.11	611.90	2.97%	11.50%
Total Bill			178,941.70			184,260.50	5,318.80	2.97%	100.00%

Street Lighting

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Billing Determinants									
6,677 Connections									
2,400,000 kWh									
6,800 kW									
Monthly Service Charge	6,677	8.1300	54,284.01	6,677	11.3736	75,941.53	21,657.52	39.90%	17.63%
Distribution (kW)	6,800	10.0266	68,180.88	6,800	14.0269	95,382.92	27,202.04	39.90%	22.14%
Late Payment Rate Rider			0.00			0.00	0.00	#DIV/0!	0.00%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	0	(0.5742)	0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Distribution Sub-Total			122,464.89			171,324.45	48,859.56	39.90%	39.76%
Retail Transmission (kW)	0	2.6233	0.00	0	2.685700428	0.00	0.00	#DIV/0!	0.00%
Delivery Sub-Total			122,464.89			171,324.45	48,859.56	39.90%	39.76%
Other Charges (kWh)	2,580,720	0.0130	33,574.68	2,586,805	0.0128	33,096.87	(477.81)	(1.42%)	7.68%
Cost of Power Commodity (kWh)	2,580,720	0.0684	176,443.83	2,586,805	0.0684	176,859.83	416.00	0.24%	41.05%
SPC (kWh)	2,580,720	0.0000	0.00	2,580,720	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			332,483.40			381,281.15	48,797.75	14.68%	88.50%
HST		13.00%	43,222.84		13.00%	49,566.55	6,343.71	14.68%	11.50%
Total Bill			375,706.24			430,847.70	55,141.46	14.68%	100.00%

Street Lighting

	2011 BILL			2012 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	Change \$	Change %	% of Total Bill
Billing Determinants									
1 Connections									
62.47 kWh									
0.17 kW									
Monthly Service Charge	1	8.1300	8.13	1	11.3736	11.37	3.24	39.90%	52.36%
Distribution (kW)	0	10.0266	1.70	0	14.0269	2.38	0.68	39.90%	10.98%
Late Payment Rate Rider			0.00			0.00	0.00	#DIV/0!	0.00%
LRAM & SSM Rider (kW)	0		0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Deferral & Variance Acct (kW)	0	(0.5742)	0.00	0	0.0000	0.00	0.00	#DIV/0!	0.00%
Distribution Sub-Total			9.83			13.76	3.92	39.90%	63.34%
Retail Transmission (kW)	0	2.6233	0.00	0	2.685700428	0.00	0.00	#DIV/0!	0.00%
Delivery Sub-Total			9.83			13.76	3.92	39.90%	63.34%
Other Charges (kWh)	67	0.0130	0.87	67	0.0128	0.86	(0.01)	(1.42%)	3.97%
Cost of Power Commodity (kWh)	67	0.0684	4.59	67	0.0684	4.60	0.01	0.24%	21.19%
SPC (kWh)	67	0.0000	0.00	67	0.0000	0.00	0.00	#DIV/0!	0.00%
Total Bill Before Taxes			15.30			19.22	3.92	25.63%	88.50%
HST		13.00%	1.99		13.00%	2.50	0.51	25.63%	11.50%
Total Bill			17.29			21.72	4.43	25.63%	100.00%

Appendix C

Reference	Item	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance	Amortization	PP&E Return Adjustment	PILS	OM&A	Service Revenue Requirement	Revenue Offsets	Base Revenue Requirement	Gross Revenue Deficiency
	Submission	189,083	6.49%	2,913,786	3,370,408	505,561	197,456	0	17,914	1,175,151	1,579,603	125,235	1,454,368	364,011
OEB #45	Update 2011 to MIFRS	191,348	6.49%	2,948,701	3,370,408	505,561	195,630	0	17,824	1,175,151	1,579,954	125,235	1,454,719	364,362
	Change	2,266	0.00%	34,914	0	0	(1,825)	0	(89)	0	351	0	351	351
OEB #50	Update for PPE	191,348	6.49%	2,948,701	3,370,408	505,561	187,130	(1,931)	17,824	1,175,151	1,569,523	125,235	1,444,288	353,931
	Change	0	0.00%	0	0	0	(8,500)	(1,931)	(0)	0	(10,431)	0	(10,431)	(10,431)
OEB #36	Update for OMERS	191,789	6.49%	2,955,485	3,415,637	512,346	187,130	(1,931)	17,872	1,220,380	1,615,240	125,235	1,490,005	399,648
	Change	440	0.00%	6,784	45,229	6,784	0	0	48	45,229	45,717	0	45,717	45,717
OEB #38	Update for Smart Meter Costs	197,378	6.49%	3,041,625	3,415,637	512,346	168,793	(1,931)	15,114	1,220,380	1,599,735	125,235	1,474,500	384,143
	Change	5,590	0.00%	86,140	0	0	(18,337)	0	(2,758)	0	(15,505)	0	(15,505)	(15,505)
OEB #78	Update for CoC rates	185,372	6.09%	3,041,625	3,415,637	512,346	168,793	(1,813)	14,087	1,220,380	1,586,820	125,235	1,461,585	371,227
	Change	(12,006)	-0.39%	0	0	0	0	117	(1,027)	0	(12,915)	0	(12,915)	(12,915)
DRO		183,077	6.09%	3,003,971	3,192,948	478,942	168,424	(2,162)	13,898	1,030,000	1,393,236	125,235	1,268,001	182,892
	Change	(2,295)	0.00%	(37,653)	(222,689)	(33,403)	(370)	(349)	(190)	(190,380)	(193,583)	0	(193,583)	(188,335)

Appendix D

2012 Load Forecast	kWh	kW	2010 %RPP
Residential	11,113,021		90%
General Service < 50 kW	6,246,087		96%
General Service 50 to 4,999 kW	4,801,078	12,762	0%
General Service 50 to 4,999 kW Interval	417,485	1,110	0%
Street Lighting	466,493	1,316	0%
TOTAL	23,044,163	15,188	

Electricity - Commodity RPP	2012	2012 Loss			
Class per Load Forecast RPP	Forecasted	Factor	2012		
Residential	10,001,719	1.0742	10,743,846	\$0.07298	\$784,086
General Service < 50 kW	5,996,243	1.0742	6,441,164	\$0.07298	\$470,076
General Service 50 to 4,999 kW	0	1.0742	0	\$0.07298	\$0
General Service 50 to 4,999 kW Interval	0	1.0742	0	\$0.07298	\$0
Street Lighting	0	1.0742	0	\$0.07298	\$0
TOTAL	15,997,962		17,185,011		\$1,254,162

Electricity - Commodity Non-RPP	2012	2012 Loss			
Class per Load Forecast	Forecasted	Factor	2012		
Residential	1,111,302	1.0742	1,193,761	\$0.06837	\$81,617
General Service < 50 kW	249,843	1.0742	268,382	\$0.06837	\$18,349
General Service 50 to 4,999 kW	4,801,078	1.0742	5,157,318	\$0.06837	\$352,606
General Service 50 to 4,999 kW Interval	417,485	1.0742	448,462	\$0.06837	\$30,661
Street Lighting	466,493	1.0742	501,107	\$0.06837	\$34,261
TOTAL	7,046,202		7,569,030		\$517,495

Transmission - Network		Volume			
Class per Load Forecast		Metric	2012		
Residential		kWh	11,937,607	\$0.0063	\$74,675
General Service < 50 kW		kWh	6,709,546	\$0.0056	\$37,774
General Service 50 to 4,999 kW		kW	12,762	\$2.2668	\$28,929
General Service 50 to 4,999 kW Interval		kW	1,110	\$2.4048	\$2,669
Street Lighting		kW	1,316	\$1.7097	\$2,250
TOTAL					\$146,297

Transmission - Connection		Volume			
Class per Load Forecast		Metric	2012		
Residential		kWh	11,937,607	\$0.0037	\$43,836
General Service < 50 kW		kWh	6,709,546	\$0.0032	\$21,309
General Service 50 to 4,999 kW		kW	12,762	\$1.2627	\$16,115
General Service 50 to 4,999 kW Interval		kW	1,110	\$1.3956	\$1,549
Street Lighting		kW	1,316	\$0.9760	\$1,285
TOTAL					\$84,093

Wholesale Market Service					
Class per Load Forecast			2012		
Residential			11,937,607	\$0.0052	\$62,076
General Service < 50 kW			6,709,546	\$0.0052	\$34,890
General Service 50 to 4,999 kW			5,157,318	\$0.0052	\$26,818
General Service 50 to 4,999 kW Interval			448,462	\$0.0052	\$2,332
Street Lighting			501,107	\$0.0052	\$2,606
TOTAL			24,754,040		\$128,721

Rural Rate Assistance					
Class per Load Forecast			2012		
Residential			11,937,607	\$0.0013	\$15,519
General Service < 50 kW			6,709,546	\$0.0013	\$8,722
General Service 50 to 4,999 kW			5,157,318	\$0.0013	\$6,705
General Service 50 to 4,999 kW Interval			448,462	\$0.0013	\$583
Street Lighting			501,107	\$0.0013	\$651
TOTAL			24,754,040		\$32,180



Ontario Energy Board

Smart Meter Model

V 2.17

Choose Your Utility:

Algoma Power Inc.

Atikokan Hydro Inc.

Application Contact Information

Name:

Wilf Thorburn

Title:

CEO / Sec / Treas

Phone Number:

807-597-6600

Email Address:

wilf.thorburn@athydro.com

We are applying for rates effective:

July 1, 2012

Last COS Re-based Year

2008

Legend

DROP-DOWN MENU

INPUT FIELD

CALCULATION FIELD

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



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		2006	2007	2008	2009	2010	2011	2012 and later	Total
		Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
Smart Meter Installation Plan									
Actual/Planned number of Smart Meters installed during the Calendar Year									
Residential					1,427				1427
General Service < 50 kW					159	65			224
Actual/Planned number of Smart Meters installed (Residential and GS < 50 kW only)		0	0	0	1586	65	0	0	1651
Percentage of Residential and GS < 50 kW Smart Meter Installations Completed		0.00%	0.00%	0.00%	96.06%	100.00%	0.00%	100.00%	100.00%
Actual/Planned number of GS > 50 kW meters installed							22		22
Other (please identify)									0
Total Number of Smart Meters installed or planned to be installed		0	0	0	1586	65	22	0	1673
1 Capital Costs									
1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)									
		Asset Type							
		Asset type must be selected to enable calculations							
1.1.1 Smart Meters (may include new meters and modules, etc.)	Smart Meter	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	\$ 99,755
1.1.2 Installation Costs (may include socket kits, labour, vehicle, benefits, etc.)	Smart Meter				19,417	2,467	1,244		\$ 23,128
1.1.3a Workforce Automation Hardware (may include fieldwork handhelds, barcode hardware, etc.)	Computer Hardware				4,220				\$ 4,220
1.1.3b Workforce Automation Software (may include fieldwork handhelds, barcode hardware, etc.)									\$ -
Total Advanced Metering Communications Devices (AMCD)		\$ -	\$ -	\$ -	\$ 106,011	\$ 19,215	\$ 1,877	\$ -	\$ 127,103
1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)									
		Asset Type							
1.2.1 Collectors	Smart Meter	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	\$ 8,054
1.2.2 Repeaters (may include radio licence, etc.)	Smart Meter					368			\$ 368
1.2.3 Installation (may include meter seals and rings, collector computer hardware, etc.)									\$ -
Total Advanced Metering Regional Collector (AMRC) (Includes LAN)		\$ -	\$ -	\$ -	\$ 6,932	\$ 368	\$ 1,122	\$ -	\$ 8,422

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

	Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
1.3.1 Computer Hardware	Smart Meter				6,590	238			\$ 6,829
1.3.2 Computer Software	Smart Meter				26,560				\$ 26,560
1.3.3 Computer Software Licences & Installation (includes hardware and software) (may include AS/400 disk space, backup and recovery computer, UPS, etc.)	Smart Meter				13,414				\$ 13,414
Total Advanced Metering Control Computer (AMCC)		\$ -	\$ -	\$ -	\$ 46,565	\$ 238	\$ -	\$ -	\$ 46,803

1.4 WIDE AREA NETWORK (WAN)

	Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
1.4.1 Activation Fees									\$ -
Total Wide Area Network (WAN)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

	Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
1.5.1 Customer Equipment (including repair of damaged equipment)	Smart Meter				729				\$ 729
1.5.2 AMI Interface to CIS									\$ -
1.5.3 Professional Fees	Smart Meter				2,086				\$ 2,086
1.5.4 Integration									\$ -
1.5.5 Program Management	Smart Meter				23,376		7,088		\$ 30,464
1.5.6 Other AMI Capital	Smart Meter				26,709				\$ 26,709
Total Other AMI Capital Costs Related to Minimum Functionality		\$ -	\$ -	\$ -	\$ 52,899	\$ -	\$ 7,088	\$ -	\$ 59,987
Total Capital Costs Related to Minimum Functionality		\$ -	\$ -	\$ -	\$ 212,406	\$ 19,820	\$ 10,088	\$ -	\$ 242,314

1.6 CAPITAL COSTS BEYOND MINIMUM FUNCTIONALITY

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

	Asset Type	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
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	Smart Meter					8,585	2,449		\$ 11,034
1.6.3 Costs for TOU rate implementation, CIS system upgrades, web presentation, integration with the MDM/R, etc.	Smart Meter								\$ -
Total Capital Costs Beyond Minimum Functionality		\$ -	\$ -	\$ -	\$ -	\$ 8,585	\$ 2,449	\$ -	\$ 11,034
Total Smart Meter Capital Costs		\$ -	\$ -	\$ -	\$ 212,406	\$ 28,406	\$ 12,536	\$ -	\$ 253,349

2 OM&A Expenses

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual	Forecast	
2.1.1 Maintenance (may include meter reverification costs, etc.)								\$ -
2.1.2 Other (please specify) CIS & AMI systems				20,716	29,249	33,727		\$ 83,692
Total Incremental AMCD OM&A Costs	\$ -	\$ -	\$ -	\$ 20,716	\$ 29,249	\$ 33,727	\$ -	\$ 83,692
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.)				8,418	3,770	3,599		\$ 15,788
2.3.2 Other (please specify)								\$ -
Total Incremental AMCC OM&A Costs	\$ -	\$ -	\$ -	\$ 8,418	\$ 3,770	\$ 3,599	\$ -	\$ 15,788
2.4 WIDE AREA NETWORK (WAN)								
2.4.1 WAN Maintenance								\$ -
2.4.2 Other (please specify) WAN operating costs				900	1,800	1,800		\$ 4,500
Total Incremental AMRC OM&A Costs	\$ -	\$ -	\$ -	\$ 900	\$ 1,800	\$ 1,800	\$ -	\$ 4,500
2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY								
2.5.1 Business Process Redesign					7,221			\$ 7,221
2.5.2 Customer Communication (may include project communication, etc.)				903				\$ 903
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	\$ -	\$ -	\$ -	\$ 903	\$ 7,221	\$ -	\$ -	\$ 8,124
TOTAL OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY	\$ -	\$ -	\$ -	\$ 30,937	\$ 42,040	\$ 39,127	\$ -	\$ 112,104
2.6 OM&A COSTS RELATED TO BEYOND MINIMUM FUNCTIONALITY (Please provide a descriptive title and identify nature of beyond minimum functionality costs)	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Audited Actual	Unaudited Actual		
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	\$ -	\$ -	\$ -	\$ 30,937	\$ 42,040	\$ 39,127	\$ -	\$ 112,104

3 Aggregate Smart Meter Costs by Category

3.1	Capital																		
3.1.1	Smart Meter	\$	-	\$	-	\$	-	\$	208,187	\$	28,406	\$	12,536	\$	-	\$	249,129		
3.1.2	Computer Hardware	\$	-	\$	-	\$	-	\$	4,220	\$	-	\$	-	\$	-	\$	4,220		
3.1.3	Computer Software	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
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>212,406</u>	<u>\$</u>	<u>28,406</u>	<u>\$</u>	<u>12,536</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>253,349</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>30,937</u>	<u>\$</u>	<u>42,040</u>	<u>\$</u>	<u>39,127</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>112,104</u>		



Ontario Energy Board

Smart Meter Model

Atikokan Hydro Inc.

	2006	2007	2008	2009	2010	2011	2012 and later
Cost of Capital							
Capital Structure¹							
Deemed Short-term Debt Capitalization			4.0%	4.0%	4.0%	4.0%	4.0%
Deemed Long-term Debt Capitalization	50.0%	50.0%	49.3%	52.7%	56.0%	56.0%	56.0%
Deemed Equity Capitalization	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%
Preferred Shares							
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Cost of Capital Parameters							
Deemed Short-term Debt Rate			4.47%	4.47%	4.47%	4.47%	2.46%
Long-term Debt Rate (actual/embedded/deemed) ²	5.00%	5.00%	5.15%	5.15%	5.15%	5.15%	4.57%
Target Return on Equity (ROE)	9.0%	9.00%	8.57%	8.57%	8.57%	8.57%	9.58%
Return on Preferred Shares							
WACC	7.00%	7.00%	6.72%	6.60%	6.49%	6.49%	6.49%
Working Capital Allowance							
Working Capital Allowance Rate	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
<i>(% of the sum of Cost of Power + controllable expenses)</i>							
Taxes/PILs							
Aggregate Corporate Income Tax Rate	36.12%	36.12%	33.50%	16.50%	16.00%	15.50%	15.50%
Capital Tax (until July 1st, 2010)	0.30%	0.225%	0.225%	0.225%	0.075%	0.00%	0.00%

Depreciation Rates

(expressed as expected useful life in years)

Smart Meters - years	15	15	15	15	15	15	15
- rate (%)	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
Computer Hardware - years	5	5	5	5	5	5	5
- rate (%)	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Computer Software - years							
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Tools & Equipment - years							
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Equipment - years							
- rate (%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

CCA Rates

Smart Meters - CCA Class	47	47	47	47	47	47	47
Smart Meters - CCA Rate	8%	8%	8%	8%	8%	8%	8%
Computer Equipment - CCA Class	50	50	50	50	50	50	50
Computer Equipment - CCA Rate	55%	55%	55%	55%	55%	55%	55%
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.



	2006	2007	2008	2009	2010	2011	2012 and later
Net Fixed Assets - Smart Meters							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 208,187	\$ 236,593	\$ 249,129
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 208,187	\$ 28,406	\$ 12,536	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 208,187	\$ 236,593	\$ 249,129	\$ 249,129
Accumulated Depreciation							
Opening Balance		\$ -	\$ -	\$ -	-\$ 6,940	-\$ 21,766	-\$ 37,956
Amortization expense during year	\$ -	\$ -	\$ -	-\$ 6,940	-\$ 14,826	-\$ 16,191	-\$ 16,609
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	-\$ 6,940	-\$ 21,766	-\$ 37,956	-\$ 54,565
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 201,247	\$ 214,827	\$ 211,173
Closing Balance	\$ -	\$ -	\$ -	\$ 201,247	\$ 214,827	\$ 211,173	\$ 194,564
Average Net Book Value	\$ -	\$ -	\$ -	\$ 100,624	\$ 208,037	\$ 213,000	\$ 202,868
Net Fixed Assets - Computer Hardware							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ 4,220	\$ 4,220	\$ 4,220
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ 4,220	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ 4,220	\$ 4,220	\$ 4,220	\$ 4,220
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	-\$ 422	-\$ 1,266	-\$ 2,110
Amortization expense during year	\$ -	\$ -	\$ -	-\$ 422	-\$ 844	-\$ 844	-\$ 844
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	-\$ 422	-\$ 1,266	-\$ 2,110	-\$ 2,954
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ 3,798	\$ 2,954	\$ 2,110
Closing Balance	\$ -	\$ -	\$ -	\$ 3,798	\$ 2,954	\$ 2,110	\$ 1,266
Average Net Book Value	\$ -	\$ -	\$ -	\$ 1,899	\$ 3,376	\$ 2,532	\$ 1,688
Net Fixed Assets - Computer Software (including Applications Software)							
Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Fixed Assets - Tools and Equipment

Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Net Fixed Assets - Other Equipment

Gross Book Value							
Opening Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions during year (from Smart Meter Costs)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Accumulated Depreciation							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization expense during year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
Closing Balance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Net Book Value							
Opening Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Net Book Value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>



Ontario Energy Board

Smart Meter Model

Atikokan Hydro Inc.

	2006	2007	2008	2009	2010	2011	2012 and Later
Average Net Fixed Asset Values (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ -	\$ 100,624	\$ 208,037	\$ 213,000	\$ 202,868
Computer Hardware	\$ -	\$ -	\$ -	\$ 1,899	\$ 3,376	\$ 2,532	\$ 1,688
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$ -	\$ -	\$ -	\$ 102,522	\$ 211,413	\$ 215,532	\$ 204,556
Working Capital							
Operating Expenses (from Sheet 2)	\$ -	\$ -	\$ -	\$ 30,937	\$ 42,040	\$ 39,127	\$ -
Working Capital Factor (from Sheet 3)	15%	15%	15%	15%	15%	15%	15%
Working Capital Allowance	\$ -	\$ -	\$ -	\$ 4,641	\$ 6,306	\$ 5,869	\$ -
Incremental Smart Meter Rate Base	\$ -	\$ -	\$ -	\$ 107,163	\$ 217,719	\$ 221,401	\$ 204,556
Return on Rate Base							
Capital Structure							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ 4,287	\$ 8,709	\$ 8,856	\$ 8,182
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 56,475	\$ 121,923	\$ 123,984	\$ 114,551
Equity	\$ -	\$ -	\$ -	\$ 46,402	\$ 87,088	\$ 88,560	\$ 81,822
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capitalization	\$ -	\$ -	\$ -	\$ 107,163	\$ 217,719	\$ 221,401	\$ 204,556
Return on							
Deemed Short Term Debt	\$ -	\$ -	\$ -	\$ 192	\$ 389	\$ 396	\$ 201
Deemed Long Term Debt	\$ -	\$ -	\$ -	\$ 2,908	\$ 6,279	\$ 6,385	\$ 5,235
Equity	\$ -	\$ -	\$ -	\$ 3,977	\$ 7,463	\$ 7,590	\$ 7,839
Preferred Shares	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Return on Capital	\$ -	\$ -	\$ -	\$ 7,077	\$ 14,132	\$ 14,371	\$ 13,275
Operating Expenses	\$ -	\$ -	\$ -	\$ 30,937	\$ 42,040	\$ 39,127	\$ -
Amortization Expenses (from Sheet 4)							
Smart Meters	\$ -	\$ -	\$ -	\$ 6,940	\$ 14,826	\$ 16,191	\$ 16,609
Computer Hardware	\$ -	\$ -	\$ -	\$ 422	\$ 844	\$ 844	\$ 844
Computer Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expense in Year	\$ -	\$ -	\$ -	\$ 7,362	\$ 15,670	\$ 17,035	\$ 17,453
Incremental Revenue Requirement before Taxes/PILs	\$ -	\$ -	\$ -	\$ 45,375	\$ 71,842	\$ 70,532	\$ 30,727
Calculation of Taxable Income							
Incremental Operating Expenses	\$ -	\$ -	\$ -	\$ 30,937	\$ 42,040	\$ 39,127	\$ -
Amortization Expense	\$ -	\$ -	\$ -	\$ 7,362	\$ 15,670	\$ 17,035	\$ 17,453
Interest Expense	\$ -	\$ -	\$ -	\$ 3,100	\$ 6,668	\$ 6,781	\$ 5,436
Net Income for Taxes/PILs	\$ -	\$ -	\$ -	\$ 3,977	\$ 7,463	\$ 7,590	\$ 7,839
Grossed-up Taxes/PILs (from Sheet 7)	\$ -	\$ -	\$ -	\$ 826.97	\$ 987.29	\$ 1,187.62	\$ 1,549.58
Revenue Requirement, including Grossed-up Taxes/PILs	\$ -	\$ -	\$ -	\$ 46,202	\$ 72,829	\$ 71,720	\$ 32,277



Ontario Energy Board

Smart Meter Model

Atikokan Hydro Inc.

For PILs Calculation

UCC - Smart Meters

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 199,859.38	\$ 211,140.23	\$ 206,283.83
Capital Additions	\$ -	\$ -	\$ -	\$ 208,186.86	\$ 28,405.83	\$ 12,536.26	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 208,186.86	\$ 228,265.21	\$ 223,676.49	\$ 206,283.83
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 104,093.43	\$ 14,202.91	\$ 6,268.13	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ 104,093.43	\$ 214,062.30	\$ 217,408.36	\$ 206,283.83
CCA Rate Class	47	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ -	\$ -	\$ 8,327.47	\$ 17,124.98	\$ 17,392.67	\$ 16,502.71
Closing UCC	\$ -	\$ -	\$ -	\$ 199,859.38	\$ 211,140.23	\$ 206,283.83	\$ 189,781.12

UCC - Computer Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 3,059.22	\$ 1,376.65	\$ 619.49
Capital Additions Computer Hardware	\$ -	\$ -	\$ -	\$ 4,219.61	\$ -	\$ -	\$ -
Capital Additions Computer Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 4,219.61	\$ 3,059.22	\$ 1,376.65	\$ 619.49
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 2,109.81	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ 2,109.81	\$ 3,059.22	\$ 1,376.65	\$ 619.49
CCA Rate Class	50	50	50	50	50	50	50
CCA Rate	55%	55%	55%	55%	55%	55%	55%
CCA	\$ -	\$ -	\$ -	\$ 1,160.39	\$ 1,682.57	\$ 757.16	\$ 340.72
Closing UCC	\$ -	\$ -	\$ -	\$ 3,059.22	\$ 1,376.65	\$ 619.49	\$ 278.77

UCC - General Equipment

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements/Removals (if applicable)							
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	0	0	0	0	0	0	0
CCA Rate	0%	0%	0%	0%	0%	0%	0%
CCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



PILs Calculation

	2006 Audited Actual	2007 Audited Actual	2008 Audited Actual	2009 Audited Actual	2010 Audited Actual	2011 Unaudited Actual	2012 and later Forecast
INCOME TAX							
Net Income	\$ -	\$ -	\$ -	\$ 3,976.62	\$ 7,463.40	\$ 7,589.62	\$ 7,838.59
Amortization	\$ -	\$ -	\$ -	\$ 7,361.52	\$ 15,669.91	\$ 17,034.64	\$ 17,452.52
CCA - Smart Meters	\$ -	\$ -	\$ -	\$ 8,327.47	-\$ 17,124.98	-\$ 17,392.67	-\$ 16,502.71
CCA - Computers	\$ -	\$ -	\$ -	\$ 1,160.39	-\$ 1,682.57	-\$ 757.16	-\$ 340.72
CCA - Applications Software	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ -	\$ -	\$ -	\$ 1,850.27	\$ 4,325.76	\$ 6,474.43	\$ 8,447.69
Tax Rate (from Sheet 3)	36.12%	36.12%	33.50%	16.50%	16.00%	15.50%	15.50%
Income Taxes Payable	\$ -	\$ -	\$ -	\$ 305.29	\$ 692.12	\$ 1,003.54	\$ 1,309.39
ONTARIO CAPITAL TAX							
Smart Meters	\$ -	\$ -	\$ -	\$ 201,247.30	\$ 214,827.14	\$ 211,172.68	\$ 194,564.09
Computer Hardware	\$ -	\$ -	\$ -	\$ 3,797.65	\$ 2,953.73	\$ 2,109.81	\$ 1,265.88
Computer Software (Including Application Software)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ -	\$ -	\$ -	\$ 205,044.95	\$ 217,780.87	\$ 213,282.49	\$ 195,829.97
Less: Exemption							
Deemed Taxable Capital	\$ -	\$ -	\$ -	\$ 205,044.95	\$ 217,780.87	\$ 213,282.49	\$ 195,829.97
Ontario Capital Tax Rate (from Sheet 3)	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ -	\$ -	\$ 461.35	\$ 163.34	\$ -	\$ -
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 305.29	\$ 692.12	\$ 1,003.54	\$ 1,309.39
Change in OCT	\$ -	\$ -	\$ -	\$ 461.35	\$ 163.34	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 766.65	\$ 855.46	\$ 1,003.54	\$ 1,309.39
Gross Up PILs							
Tax Rate	36.12%	36.12%	33.50%	16.50%	16.00%	15.50%	15.50%
Change in Income Taxes Payable	\$ -	\$ -	\$ -	\$ 365.62	\$ 823.95	\$ 1,187.62	\$ 1,549.58
Change in OCT	\$ -	\$ -	\$ -	\$ 461.35	\$ 163.34	\$ -	\$ -
PILs	\$ -	\$ -	\$ -	\$ 826.97	\$ 987.29	\$ 1,187.62	\$ 1,549.58



This worksheet calculates the funding adder revenues.

Account 1555 - Sub-account Funding Adder Revenues

Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Closing Balance	Annual amounts	Board Approved Smart Meter Funding Adder (from Tariff)
2006 Q1			Jan-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	\$ -		0.00%	\$ -	\$ -		
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	\$ -		4.14%	\$ -	\$ -		
2007 Q1	4.59%	4.72%	May-06	2006	Q2	\$ -	\$ 0.58	4.14%	\$ -	\$ 0.58		
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	\$ 0.58	\$ 152.34	4.14%	\$ -	\$ 152.92		
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	\$ 152.92	\$ 417.12	4.59%	\$ 0.58	\$ 570.62		
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	\$ 570.04	\$ 406.12	4.59%	\$ 2.18	\$ 978.34		
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	\$ 976.16	\$ 453.75	4.59%	\$ 3.73	\$ 1,433.64		
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	\$ 1,429.91	\$ 405.75	4.59%	\$ 5.47	\$ 1,841.13		
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	\$ 1,835.66	\$ 452.25	4.59%	\$ 7.02	\$ 2,294.93		
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	\$ 2,287.91	\$ 402.75	4.59%	\$ 8.75	\$ 2,699.41	\$ 2,718.39	
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	\$ 2,690.66	\$ 453.99	4.59%	\$ 10.29	\$ 3,154.94		
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	\$ 3,144.65	\$ 397.50	4.59%	\$ 12.03	\$ 3,554.18		
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	\$ 3,542.15	\$ 452.25	4.59%	\$ 13.55	\$ 4,007.95		
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	\$ 3,994.40	\$ 404.50	4.59%	\$ 15.28	\$ 4,414.18		
2010 Q1	0.55%	4.34%	May-07	2007	Q2	\$ 4,398.90	\$ 452.75	4.59%	\$ 16.83	\$ 4,868.48		
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	\$ 4,851.65	\$ 403.87	4.59%	\$ 18.56	\$ 5,274.08		
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	\$ 5,255.52	\$ 454.00	4.59%	\$ 20.10	\$ 5,729.62		
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	\$ 5,709.52	\$ 403.00	4.59%	\$ 21.84	\$ 6,134.36		
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	\$ 6,112.52	\$ 450.50	4.59%	\$ 23.38	\$ 6,586.40		
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	\$ 6,563.02	\$ 404.00	5.14%	\$ 28.11	\$ 6,995.13		
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	\$ 6,967.02	\$ 453.75	5.14%	\$ 29.84	\$ 7,450.61		
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	\$ 7,420.77	\$ 403.25	5.14%	\$ 31.79	\$ 7,855.81	\$ 5,374.96	
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	\$ 7,824.02	\$ 448.50	5.14%	\$ 33.51	\$ 8,306.03		
2012 Q2		4.29%	Feb-08	2008	Q1	\$ 8,272.52	\$ 403.00	5.14%	\$ 35.43	\$ 8,710.95		
2012 Q3		4.29%	Mar-08	2008	Q1	\$ 8,675.52	\$ 451.00	5.14%	\$ 37.16	\$ 9,163.68		
2012 Q4		4.29%	Apr-08	2008	Q2	\$ 9,126.52	\$ 401.75	4.08%	\$ 31.03	\$ 9,559.30		
			May-08	2008	Q2	\$ 9,528.27	\$ 450.50	4.08%	\$ 32.40	\$ 10,011.17		
			Jun-08	2008	Q2	\$ 9,978.77	\$ 404.50	4.08%	\$ 33.93	\$ 10,417.20		
			Jul-08	2008	Q3	\$ 10,383.27	\$ 449.50	3.35%	\$ 28.99	\$ 10,861.76		
			Aug-08	2008	Q3	\$ 10,832.77	\$ 404.00	3.35%	\$ 30.24	\$ 11,267.01		
			Sep-08	2008	Q3	\$ 11,236.77	\$ 452.00	3.35%	\$ 31.37	\$ 11,720.14		
			Oct-08	2008	Q4	\$ 11,688.77	\$ 398.75	3.35%	\$ 32.63	\$ 12,120.15		
			Nov-08	2008	Q4	\$ 12,087.52	\$ 447.50	3.35%	\$ 33.74	\$ 12,568.76		
			Dec-08	2008	Q4	\$ 12,535.02	\$ 399.50	3.35%	\$ 34.99	\$ 12,969.51	\$ 5,505.92	
			Jan-09	2009	Q1	\$ 12,934.52	\$ 601.25	2.45%	\$ 26.41	\$ 13,562.18		
			Feb-09	2009	Q1	\$ 13,535.77	\$ 259.32	2.45%	\$ 27.64	\$ 13,822.73		
			Mar-09	2009	Q1	\$ 13,795.09	\$ 461.75	2.45%	\$ 28.16	\$ 14,285.00		
			Apr-09	2009	Q2	\$ 14,256.84	\$ 401.00	1.00%	\$ 11.88	\$ 14,669.72		
			May-09	2009	Q2	\$ 14,657.84	\$ 453.56	1.00%	\$ 12.21	\$ 15,123.61		
			Jun-09	2009	Q2	\$ 15,111.40	\$ 1,146.06	1.00%	\$ 12.59	\$ 16,270.05		
			Jul-09	2009	Q3	\$ 16,257.46	\$ 1,783.00	0.55%	\$ 7.45	\$ 18,047.91		
			Aug-09	2009	Q3	\$ 18,040.46	\$ 1,570.13	0.55%	\$ 8.27	\$ 19,618.86		
			Sep-09	2009	Q3	\$ 19,610.59	\$ 1,790.74	0.55%	\$ 8.99	\$ 21,410.32		
			Oct-09	2009	Q4	\$ 21,401.33	\$ 1,558.67	0.55%	\$ 9.81	\$ 22,969.81		
			Nov-09	2009	Q4	\$ 22,960.00	\$ 1,782.77	0.55%	\$ 10.52	\$ 24,753.29		
			Dec-09	2009	Q4	\$ 24,742.77	\$ 1,579.72	0.55%	\$ 11.34	\$ 26,333.83	\$ 13,563.24	
			Jan-10	2010	Q1	\$ 26,322.49	\$ 1,778.61	0.55%	\$ 12.06	\$ 28,113.16		
			Feb-10	2010	Q1	\$ 28,101.10	\$ 1,559.82	0.55%	\$ 12.88	\$ 29,673.80		
			Mar-10	2010	Q1	\$ 29,660.92	\$ 1,781.38	0.55%	\$ 13.59	\$ 31,455.89		
			Apr-10	2010	Q2	\$ 31,442.30	\$ 1,547.72	0.55%	\$ 14.41	\$ 33,004.43		
			May-10	2010	Q2	\$ 32,990.02	\$ 2,381.91	0.55%	\$ 15.12	\$ 35,387.05		
			Jun-10	2010	Q2	\$ 35,371.93	\$ 1,684.27	0.55%	\$ 16.21	\$ 37,072.41		
			Jul-10	2010	Q3	\$ 37,056.20	\$ 1,660.19	0.89%	\$ 27.48	\$ 38,743.87		
			Aug-10	2010	Q3	\$ 38,716.39	\$ 1,675.58	0.89%	\$ 28.71	\$ 40,420.68		
			Sep-10	2010	Q3	\$ 40,391.97	\$ 6,011.47	0.89%	\$ 29.96	\$ 46,433.40		
			Oct-10	2010	Q4	\$ 46,403.44	\$ 6,221.43	1.20%	\$ 46.40	\$ 52,671.27		
			Nov-10	2010	Q4	\$ 52,624.87	\$ 6,356.47	1.20%	\$ 52.62	\$ 59,033.96		
			Dec-10	2010	Q4	\$ 58,981.34	\$ 6,309.04	1.20%	\$ 58.98	\$ 65,349.36	\$ 39,296.31	
			Jan-11	2011	Q1	\$ 65,290.38	\$ 5,100.79	1.47%	\$ 79.98	\$ 70,471.15		
			Feb-11	2011	Q1	\$ 70,391.17	\$ 5,175.53	1.47%	\$ 86.23	\$ 75,652.93		
			Mar-11	2011	Q1	\$ 75,566.70	\$ 4,702.09	1.47%	\$ 92.57	\$ 80,361.36		
			Apr-11	2011	Q2	\$ 80,268.79	\$ 5,820.50	1.47%	\$ 98.33	\$ 86,187.62		
			May-11	2011	Q2	\$ 86,089.29	\$ 5,820.50	1.47%	\$ 105.46	\$ 92,015.25		
			Jun-11	2011	Q2	\$ 91,909.79	\$ 5,820.50	1.47%	\$ 112.59	\$ 97,842.88		
			Jul-11	2011	Q3	\$ 97,730.29	\$ 5,820.50	1.47%	\$ 119.72	\$ 103,670.51		
			Aug-11	2011	Q3	\$ 103,550.79	\$ 5,820.50	1.47%	\$ 126.85	\$ 109,498.14		
			Sep-11	2011	Q3	\$ 109,371.29	\$ 5,820.50	1.47%	\$ 133.98	\$ 115,325.77		
			Oct-11	2011	Q4	\$ 115,191.79	\$ 5,820.50	1.47%	\$ 141.11	\$ 121,153.40		
			Nov-11	2011	Q4	\$ 121,012.29	\$ 5,820.50	1.47%	\$ 148.24	\$ 126,981.03		
			Dec-11	2011	Q4	\$ 126,832.79	\$ 5,820.50	1.47%	\$ 155.37	\$ 132,808.66	\$ 68,763.34	
			Jan-12	2012	Q1	\$ 132,653.29	\$ 5,820.50	1.47%	\$ 162.50	\$ 138,636.29		
			Feb-12	2012	Q1	\$ 138,473.79	\$ 5,820.50	1.47%	\$ 169.63	\$ 144,463.92		
			Mar-12	2012	Q1	\$ 144,294.29	\$ 5,820.50	1.47%	\$ 176.76	\$ 150,291.55		
			Apr-12	2012	Q2	\$ 150,114.79	\$ 5,820.50	1.47%	\$ 183.89	\$ 156,119.18		
			May-12	2012	Q2	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Jun-12	2012	Q2	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Jul-12	2012	Q3	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Aug-12	2012	Q3	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Sep-12	2012	Q3	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Oct-12	2012	Q4	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Nov-12	2012	Q4	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29		
			Dec-12	2012	Q4	\$ 155,935.29		0.00%	\$ -	\$ 155,935.29	\$ 23,974.78	
Total Funding Adder Revenues Collected							\$ 155,935.29		\$ 3,261.65	\$ 159,196.94	\$ 159,196.94	

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

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

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	OM&A Expenses	Amortization / Depreciation Expense	Closing Balance (Principal)	(Annual) Interest Rate	Interest (on opening balance)	Cumulative Interest
2006 Q1	0.00%	0.00%	Jan-06	2006	Q1	\$ -			-	0.00%	-	-
2006 Q2	4.14%	4.68%	Feb-06	2006	Q1	-			-	0.00%	-	-
2006 Q3	4.59%	5.05%	Mar-06	2006	Q1	-			-	0.00%	-	-
2006 Q4	4.59%	4.72%	Apr-06	2006	Q2	-			-	4.14%	-	-
2007 Q1	4.59%	4.72%	May-06	2006	Q2	-			-	4.14%	-	-
2007 Q2	4.59%	4.72%	Jun-06	2006	Q2	-			-	4.14%	-	-
2007 Q3	4.59%	5.18%	Jul-06	2006	Q3	-			-	4.59%	-	-
2007 Q4	5.14%	5.18%	Aug-06	2006	Q3	-			-	4.59%	-	-
2008 Q1	5.14%	5.18%	Sep-06	2006	Q3	-			-	4.59%	-	-
2008 Q2	4.08%	5.18%	Oct-06	2006	Q4	-			-	4.59%	-	-
2008 Q3	3.35%	5.43%	Nov-06	2006	Q4	-			-	4.59%	-	-
2008 Q4	3.35%	5.43%	Dec-06	2006	Q4	-			-	4.59%	-	-
2009 Q1	2.45%	6.61%	Jan-07	2007	Q1	-			-	4.59%	-	-
2009 Q2	1.00%	6.61%	Feb-07	2007	Q1	-			-	4.59%	-	-
2009 Q3	0.55%	5.67%	Mar-07	2007	Q1	-			-	4.59%	-	-
2009 Q4	0.55%	4.66%	Apr-07	2007	Q2	-			-	4.59%	-	-
2010 Q1	0.55%	4.34%	May-07	2007	Q2	-			-	4.59%	-	-
2010 Q2	0.55%	4.34%	Jun-07	2007	Q2	-			-	4.59%	-	-
2010 Q3	0.89%	4.66%	Jul-07	2007	Q3	-			-	4.59%	-	-
2010 Q4	1.20%	4.01%	Aug-07	2007	Q3	-			-	4.59%	-	-
2011 Q1	1.47%	4.29%	Sep-07	2007	Q3	-			-	4.59%	-	-
2011 Q2	1.47%	4.29%	Oct-07	2007	Q4	-			-	5.14%	-	-
2011 Q3	1.47%	4.29%	Nov-07	2007	Q4	-			-	5.14%	-	-
2011 Q4	1.47%	4.29%	Dec-07	2007	Q4	-			-	5.14%	-	-
2012 Q1	1.47%	4.29%	Jan-08	2008	Q1	-			-	5.14%	-	-
2012 Q2	0.00%	4.29%	Feb-08	2008	Q1	-			-	5.14%	-	-
2012 Q3	0.00%	4.29%	Mar-08	2008	Q1	-			-	5.14%	-	-
2012 Q4	0.00%	4.29%	Apr-08	2008	Q2	-			-	4.08%	-	-
			May-08	2008	Q2	-			-	4.08%	-	-
			Jun-08	2008	Q2	-			-	4.08%	-	-
			Jul-08	2008	Q3	-			-	3.35%	-	-
			Aug-08	2008	Q3	-			-	3.35%	-	-
			Sep-08	2008	Q3	-			-	3.35%	-	-
			Oct-08	2008	Q4	-			-	3.35%	-	-
			Nov-08	2008	Q4	-			-	3.35%	-	-
			Dec-08	2008	Q4	-			-	3.35%	-	-
			Jan-09	2009	Q1	-			-	2.45%	-	-
			Feb-09	2009	Q1	-			-	2.45%	-	-
			Mar-09	2009	Q1	-			-	2.45%	-	-
			Apr-09	2009	Q2	-			-	1.00%	-	-
			May-09	2009	Q2	-			-	1.00%	-	-
			Jun-09	2009	Q2	-			-	1.00%	-	-
			Jul-09	2009	Q3	-			-	0.55%	-	-
			Aug-09	2009	Q3	-			-	0.55%	-	-
			Sep-09	2009	Q3	-			-	0.55%	-	-
			Oct-09	2009	Q4	-			-	0.55%	-	-
			Nov-09	2009	Q4	-			-	0.55%	-	-
			Dec-09	2009	Q4	-			-	0.55%	-	-
			Jan-10	2010	Q1	-			-	0.55%	-	-
			Feb-10	2010	Q1	-			-	0.55%	-	-
			Mar-10	2010	Q1	-			-	0.55%	-	-
			Apr-10	2010	Q2	-			-	0.55%	-	-
			May-10	2010	Q2	-			-	0.55%	-	-
			Jun-10	2010	Q2	-			-	0.55%	-	-
			Jul-10	2010	Q3	-			-	0.89%	-	-
			Aug-10	2010	Q3	-			-	0.89%	-	-
			Sep-10	2010	Q3	-			-	0.89%	-	-
			Oct-10	2010	Q4	-			-	1.20%	-	-
			Nov-10	2010	Q4	-			-	1.20%	-	-
			Dec-10	2010	Q4	-			-	1.20%	-	-
			Jan-11	2011	Q1	-			-	1.47%	-	-
			Feb-11	2011	Q1	-			-	1.47%	-	-
			Mar-11	2011	Q1	-			-	1.47%	-	-
			Apr-11	2011	Q2	-			-	1.47%	-	-
			May-11	2011	Q2	-			-	1.47%	-	-
			Jun-11	2011	Q2	-			-	1.47%	-	-
			Jul-11	2011	Q3	-			-	1.47%	-	-
			Aug-11	2011	Q3	-			-	1.47%	-	-
			Sep-11	2011	Q3	-			-	1.47%	-	-
			Oct-11	2011	Q4	-			-	1.47%	-	-
			Nov-11	2011	Q4	-			-	1.47%	-	-
			Dec-11	2011	Q4	-			-	1.47%	-	-
			Jan-12	2012	Q1	-			-	1.47%	-	-
			Feb-12	2012	Q1	-			-	1.47%	-	-
			Mar-12	2012	Q1	-			-	1.47%	-	-
			Apr-12	2012	Q2	-			-	1.47%	-	-
			May-12	2012	Q2	-			-	0.00%	-	-
			Jun-12	2012	Q2	-			-	0.00%	-	-
			Jul-12	2012	Q3	-			-	0.00%	-	-
			Aug-12	2012	Q3	-			-	0.00%	-	-
			Sep-12	2012	Q3	-			-	0.00%	-	-
			Oct-12	2012	Q4	-			-	0.00%	-	-
			Nov-12	2012	Q4	-			-	0.00%	-	-
			Dec-12	2012	Q4	-			-	0.00%	-	-
							\$ -	\$ -	\$ -			



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	\$ 30,936.86	\$ 7,361.52	\$ 38,298.38	\$ 19,149.19	1.14%	\$ 217.82
2010	\$ 42,040.03	\$ 15,669.91	\$ 96,008.32	\$ 67,153.35	0.80%	\$ 535.55
2011	\$ 39,126.68	\$ 17,034.64	\$ 152,169.64	\$ 124,088.98	1.47%	\$ 1,824.11
2012	\$ -	\$ 17,452.52	\$ 169,622.16	\$ 160,895.90	1.47%	\$ 2,365.17
Cumulative Interest to 2011						\$ 2,577.48
Cumulative Interest to 2012						\$ 4,942.65



Atikokan Hydro Inc.

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

Check if applicable

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

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

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

	2006	2007	2008	2009	2010	2011	2012 and later	Total
Deferred and forecasted Smart Meter Incremental Revenue Requirement (from Sheet 5)	\$ -	\$ -	\$ -	\$ 46,202.03	\$ 72,828.93	\$ 71,719.61	\$ 32,276.98	\$ 223,027.55
Interest on Deferred and forecasted OM&A and Amortization Expense (Sheet 8A/8B) (Check one of the boxes below)	\$ -	\$ -	\$ -	\$ 217.82	\$ 535.55	\$ 1,824.11		\$ 2,577.48
<input type="checkbox"/> Sheet 8A (Interest calculated on monthly balances)								\$ -
<input checked="" type="checkbox"/> Sheet 8B (Interest calculated on average annual balances)	\$ -	\$ -	\$ -	\$ 217.82	\$ 535.55	\$ 1,824.11		\$ 2,577.48
SMFA Revenues (from Sheet 8)	\$ 2,690.66	\$ 5,133.36	\$ 5,110.50	\$ 13,387.97	\$ 38,967.89	\$ 67,362.91	\$ 23,282.00	\$ 155,935.29
SMFA Interest (from Sheet 8)	\$ 27.73	\$ 241.60	\$ 395.42	\$ 175.27	\$ 328.42	\$ 1,400.43	\$ 692.78	\$ 3,261.65
Net Deferred Revenue Requirement	-\$ 2,718.39	-\$ 5,374.96	-\$ 5,505.92	\$ 32,856.62	\$ 34,068.17	\$ 4,780.38	\$ 8,302.20	\$ 66,408.09
Number of Metered Customers (average for 2012 test year)							1673	

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

Years for collection or refunding	3	
Deferred Incremental Revenue Requirement from 2006 to December 31, 2011 plus Interest on OM&A and Amortization	\$ 193,328.06	
SMFA Revenues collected from 2006 to 2012 test year (inclusive) Plus Simple Interest on SMFA Revenues	\$ 159,196.94	
Net Deferred Revenue Requirement	\$ 34,131.12	
SMDR May 1, 2012 to April 30, 2015	\$ 0.57	Match
Check: Forecasted SMDR Revenues	\$ 34,329.96	

Smart Meter Actual Cost Recovery Rate Rider - SMDR
Calculated by Rate Class

	Total	Residential	GS < 50	GS > 50
Atikkoan Hydro Smart Meter Unit Cost				
Rex 2 Meters		\$ 279.77	\$ 279.77	
A3TL meters			\$ 629.50	
A3RL meters				\$ 1,003.10
Number of meters installed				
Rex 2 Meters	1,586	1,427	159	
A3TL meters	65		65	
A3RL meters	22			22
Total number of meters installed	1,673	1,427	224	22
Smart Meter Cost	\$ 506,697	\$ 399,228	\$ 85,401	\$ 22,068
Allocation of Smart Meter Costs	100.00%	78.79%	16.85%	4.36%
Allocation of Number of meters installed	100.00%	85.30%	13.39%	1.32%
Total Return (deemed interest plus return on equity)	\$ 35,579	\$ 28,033	\$ 5,997	\$ 1,550
Amortization	\$ 40,066	\$ 31,568	\$ 6,753	\$ 1,745
OM&A	\$ 112,104	\$ 95,620	\$ 15,010	\$ 1,474
Total Before PILs	\$ 187,749	\$ 155,221	\$ 27,759	\$ 4,769
PILs	\$ 3,002	\$ 2,482	\$ 444	\$ 76
Total Revenue Requirement	\$ 190,751	\$ 157,703	\$ 28,203	\$ 4,845
	100.00%	82.67%	14.79%	2.54%
Smart Meter Rate Adder Revenues	(\$155,935)			
Total Carrying Charge	(\$684)			
Smart Meter True-up	\$ 34,131	\$ 28,218	\$ 5,046	\$ 867
Metered Customers	1,673	1,427	224	22
Rate Rider to Recover Smart Meter Costs - 3 yrs	\$ 0.57	\$ 0.55	\$ 0.63	\$ 1.09

SHEET 1 - December 31, 2010 Deferral and Variance Accounts

NAME OF UTILITY	Atikokan Hydro Inc
NAME OF CONTACT	Wlif Thorburn
E-mail Address	wlif_thorburn@athydro.com
	7
Date	V.1

LICENCE NUMBER	ED
DOCID NUMBER	
PHONE NUMBER (extension)	807-597-6600

Note to User - You may want to add others

Enter appropriate data in cells which are highlighted in yellow only.

Enter the total applied for Deferral and Variance amounts for each account in the appropriate cells below:

Account Description	Account Number	Principal Amounts as of Dec-31 2010	Interest to Dec 31-10	Interest Jan-1 to Dec 31-11	Interest Jan 1-11 to Apr 30-12	Total Claim
RSVA - Wholesale Market Service Charge	1580					\$ (22,659)
RSVA - Retail Transmission Network Charge	1584					\$ 9,038
RSVA - Retail Transmission Connection Charge	1586					\$ 48,368
RSVA - Power (excluding Global Adjustment)	1588					\$ 2,546
RSVA - Power - Sub-Account - Global Adjustment	1588					\$ 9,685
Recovery of Regulatory Asset Balances	1590					\$ 634
Sub-Totals		\$ -	\$ -	\$ -	\$ -	\$ 47,612
Retail Cost Variance Account - Retail	1518					\$ 7,036
Retail Cost Variance Account - STR	1548					\$ 20,894
Differed Payments in Lieu of Taxes	1562					\$ 10,482
Input Tax Credit	1592					\$ (7,716)
Special Purpose Charge	1521					\$ 1,730
Sub-Totals		\$ -	\$ -	\$ -	\$ -	\$ 32,426
Totals per column		\$ -	\$ -	\$ -	\$ -	\$ 80,038

Annual interest rate:

Enter the appropriate 2012 data in the cells below.

Once the data in the yellow fields on Sheet 1 has been entered, the relevant allocations will appear on Sheet 2.

Go to Sheets 3 and 4 and enter the appropriate data in the yellow cells.

2012 Data By Class	kW	kWhs	Cust. Num.'s	Number of Metered Customers	Dx Revenue at Existing Rates	2010 %RPP	Non-RPP kW	Non-RPP kWh
RESIDENTIAL CLASS		11,113,021	1,424	1,424	\$ 767,543	90%		1,111,302
GENERAL SERVICE <50 KW CLASS		6,246,087	235	235	\$ 295,652	96%		249,843
GENERAL SERVICE >50 KW NON TIME OF USE	13872	5,218,563	15	15	\$ 118,313	0%	13,872	5,218,563
GENERAL SERVICE >50 KW Interval Metered			0	0				-
STANDBY N/A			0	0				-
LARGE USER CLASS N/A			0	0				-
UNMETERED & SCATTERED LOADS N/A			0	0				-
SENTINEL LIGHTS N/A			0	0				-
STREET LIGHTING	1,316	466,493	623	0	\$ 86,494	0%	1,316	466,493
Totals	15,188	23,044,163	2,297	1,673	\$ 1,268,001		15,188	7,046,202

Allocators	kW	kWhs	Cust. Num.'s	Number of Metered Customers	Dx Revenue	Non-RPP kWh
RESIDENTIAL CLASS	0.0%	48.2%	62.0%	85.1%	60.5%	15.77%
GENERAL SERVICE <50 KW CLASS	0.0%	27.1%	10.2%	14.0%	23.3%	3.55%
GENERAL SERVICE >50 KW NON TIME OF USE	91.3%	22.6%	0.6%	0.9%	9.3%	74.06%
GENERAL SERVICE >50 KW TIME OF USE	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
STANDBY	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
LARGE USER CLASS	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
UNMETERED & SCATTERED LOADS	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
SENTINEL LIGHTS	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
STREET LIGHTING	8.7%	2.0%	27.1%	0.0%	6.8%	6.62%
Totals	100%	100%	100%	100%	100%	100%

Deferral and Variance Accounts:	Amount	ALLOCATOR	Residential	GS < 50 kW	GS > 50 kW	Street Lighting	Total
WMSC - Account 1580	\$ (22,659)	kWh	\$ (10,927)	\$ (6,142)	\$ (5,131)	\$ (459)	\$ (22,659)
Network - Account 1584	\$ 9,038	kWh	\$ 4,358	\$ 2,450	\$ 2,047	\$ 183	\$ 9,038
Connection - Account 1586	\$ 48,368	kWh	\$ 23,326	\$ 13,110	\$ 10,953	\$ 979	\$ 48,368
Power Non GA - Account 1588	\$ 2,546	kWh	\$ 1,228	\$ 690	\$ 576	\$ 52	\$ 2,546
Power GA - Account 1588	\$ 9,685	Non RPP kWh	\$ 1,527	\$ 343	\$ 7,173	\$ 641	\$ 9,685
Recovery of Regulatory Asset Balances 1590	\$ 634	kWh	\$ 306	\$ 172	\$ 144	\$ 13	\$ 634
Subtotal - RSVA	\$ 47,612		\$ 19,818	\$ 10,623	\$ 15,762	\$ 1,409	\$ 47,612
Retail Cost Variance Account - Acct 1518	\$ 7,036	# of Customers	\$ 4,361	\$ 720	\$ 46	\$ 1,910	\$ 7,036
Retail Cost Variance Account (STR) Acct 1548	\$ 20,894	# of Customers	\$ 12,950	\$ 2,137	\$ 135	\$ 5,672	\$ 20,894
Differed Payments in Lieu of Taxes - 1562	\$ 10,482	Dx Revenue	\$ 6,345	\$ 2,444	\$ 978	\$ 715	\$ 10,482
Input Tax Credit - 1592	\$ (7,716)	# of Customers	\$ (4,782)	\$ (789)	\$ (50)	\$ (2,094)	\$ (7,716)
Special Purpose Charge -1521	\$ 1,730	kWh	\$ 834	\$ 469	\$ 392	\$ 35	\$ 1,730
Subtotal - Non RSVA, Variable	\$ 32,426		\$ 19,708	\$ 4,981	\$ 1,501	\$ 6,237	\$ 32,426
Total to be Recovered	\$ 80,038		\$ 39,526	\$ 15,604	\$ 17,262	\$ 7,646	\$ 80,038

Balance to be collected or refunded, Variable	\$ 70,353		\$ 37,998	\$ 15,261	\$ 10,090	\$ 7,005	\$ 70,353
Balance to be collected or refunded, Non RPP Variable	\$ 9,685		\$ 1,527	\$ 343	\$ 7,173	\$ 641	\$ 9,685
Total	\$ 80,038		\$ 39,526	\$ 15,604	\$ 17,262	\$ 7,646	\$ 80,038
Number of years for Variable	3.83						
Number of years for Non RPP Variable	3.83						
Balance to be collected or refunded per year, Variable	\$ 18,353		\$ 9,913	\$ 3,981	\$ 2,632	\$ 1,827	\$ 18,353
Balance to be collected or refunded per year, Non RPP Variable	\$ 2,526		\$ 398	\$ 90	\$ 1,871	\$ 167	\$ 2,526

Class
Deferral and Variance Account Rate Riders, Variable
Billing Determinants
Deferral and Variance Account Rate Riders, Non RPP Variable
Billing Determinants

Residential	GS < 50 kW	GS > 50 kW	Street Lighting
\$ 0.0009	\$ 0.0006	\$ 0.1897	\$ 1.3885
kWh	kWh	kW	kW
\$ 0.0004	\$ 0.0004	\$ 0.1349	\$ 0.1271
kWh	kWh	kW	kW
11113020.62	6246086.669	13872	1,316
18,353	9,913	3,981	1,827
1111302.062	249843.4668	13872	1,316
2,526	398	90	167
20,879			

 Ontario Energy Board REVENUE REQUIREMENT WORK FORM Version 2.20			
Choose Your Utility: Algoma Power Inc. Atikokan Hydro Inc. Attawapiskat Power Corp.	File Number: EB-2011-0293	Rate Year: 2012	 Click here to print the entire workbook

Application Contact Information

Name:	Wilf Thorburn
Title:	CEO/Secretary-Treasurer
Phone Number:	807-597-6600
Email Address:	wilf.thorburn@athydro.com

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[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

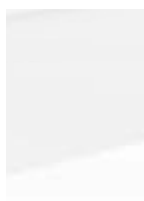
[9. Rev Reqt](#)

[10A. Bill Impacts - Residential](#)

[10B. Bill Impacts - GS LT 50kW](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel**





Ontario Energy Board

REVENUE REQUIREMENT
WORK FORM

Version 2.20

Atikokan Hydro Inc.
Data Input ⁽¹⁾

	Initial Application			(6)			Per Board Decision	
1	<u>Rate Base</u>							
	Gross Fixed Assets (average)	\$5,661,851		\$34,171		\$ 5,696,022		\$5,691,772
	Accumulated Depreciation (average)	(\$3,253,626)	(5)	\$86,883		(\$3,166,743)		(\$3,166,743)
	<u>Allowance for Working Capital:</u>							
	Controllable Expenses	\$1,175,151		\$45,229		\$ 1,220,380		\$1,030,000
	Cost of Power	\$2,195,257		\$ -		\$ 2,195,257		\$2,162,948
	Working Capital Rate (%)	15.00%				15.00%		15.00%
2	<u>Utility Income</u>							
	<u>Operating Revenues:</u>							
	Distribution Revenue at Current Rates	\$1,090,357		\$0		\$1,090,357		\$1,085,109
	Distribution Revenue at Proposed Rates	\$1,454,368		\$7,216		\$1,461,585		\$1,268,001
	<u>Other Revenue:</u>							
	Specific Service Charges	\$7,100		\$0		\$7,100		\$7,100
	Late Payment Charges	\$6,024		\$0		\$6,024		\$6,024
	Other Distribution Revenue	\$103,111		\$0		\$103,111		\$103,111
	Other Income and Deductions	\$9,000		\$0		\$9,000		\$9,000
	Total Revenue Offsets	\$125,235	(7)	\$0		\$125,235		\$125,235
	<u>Operating Expenses:</u>							
	OM+A Expenses	\$1,175,151		\$45,229		\$ 1,220,380		\$1,030,000
	Depreciation/Amortization	\$197,456		(\$28,663)		\$ 168,793		\$168,424
	Property taxes							
	Other expenses	\$ -		(\$1,813)		-1813.207912		(\$2,162)
3	<u>Taxes/PILs</u>							
	<u>Taxable Income:</u>							
	Adjustments required to arrive at taxable income	(\$13,997)	(3)			(\$34,159)		(\$33,819)
	<u>Utility Income Taxes and Rates:</u>							
	Income taxes (not grossed up)	\$15,137				\$11,904		\$11,744
	Income taxes (grossed up)	\$17,914				\$14,087		\$13,898
	Federal tax (%)	11.00%				11.00%		11.00%
	Provincial tax (%)	4.50%				4.50%		4.50%
	<u>Income Tax Credits</u>							
4	<u>Capitalization/Cost of Capital</u>							
	<u>Capital Structure:</u>							
	Long-term debt Capitalization Ratio (%)	56.0%				56.0%		56.0%
	Short-term debt Capitalization Ratio (%)	4.0%	(2)			4.0%	(2)	4.0%
	Common Equity Capitalization Ratio (%)	40.0%				40.0%		40.0%
	Preferred Shares Capitalization Ratio (%)							
		100.0%				100.0%		100.0%
	<u>Cost of Capital</u>							
	Long-term debt Cost Rate (%)	4.57%				4.22%		4.22%
	Short-term debt Cost Rate (%)	2.46%				2.08%		2.08%
	Common Equity Cost Rate (%)	9.58%				9.12%		9.12%
	Preferred Shares Cost Rate (%)							

- Notes:
- General

Data inputs are required on Sheets 3, 10A and 10B. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1)

All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2)

4.0% unless an Applicant has proposed or been approved for another amount.
- (3)

Net of addbacks and deductions to arrive at taxable income.
- (4)

Average of Gross Fixed Assets at beginning and end of the Test Year
- (5)

Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6)

Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7)

Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement



Ontario Energy Board

REVENUE REQUIREMENT WORK FORM

Version 2.20

Atikokan Hydro Inc. Rate Base and Working Capital

Rate Base

Line No.	Particulars	Initial Application						Per Board Decision
1	Gross Fixed Assets (average) (3)	\$5,661,851		\$34,171		\$5,696,022	(\$4,250)	\$5,691,772
2	Accumulated Depreciation (average) (3)	(\$3,253,626)		\$86,883		(\$3,166,743)	\$ -	(\$3,166,743)
3	Net Fixed Assets (average) (3)	\$2,408,225		\$121,054		\$2,529,279	(\$4,250)	\$2,525,029
4	Allowance for Working Capital (1)	\$505,561		\$6,784		\$512,346	(\$33,403)	\$478,942
5	Total Rate Base	\$2,913,786		\$127,838		\$3,041,625	(\$37,653)	\$3,003,971

Allowance for Working Capital - Derivation

(1)

6	Controllable Expenses	\$1,175,151		\$45,229		\$1,220,380	(\$190,380)	\$1,030,000
7	Cost of Power	\$2,195,257		\$ -		\$2,195,257	(\$32,309)	\$2,162,948
8	Working Capital Base	\$3,370,408		\$45,229		\$3,415,637	(\$222,689)	\$3,192,948
9	Working Capital Rate % (2)	15.00%		0.00%		15.00%	0.00%	15.00%
10	Working Capital Allowance	\$505,561		\$6,784		\$512,346	(\$33,403)	\$478,942

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study.
(3) Average of opening and closing balances for the year.



Ontario Energy Board

REVENUE REQUIREMENT
WORK FORM

Version 2.20

Atikokan Hydro Inc.

Utility Income

Line No.	Particulars	Initial Application						Per Board Decision
	<u>Operating Revenues:</u>							
1	Distribution Revenue (at Proposed Rates)	\$1,454,368	\$7,216	\$1,461,585	(\$193,583)		\$1,268,001	
2	Other Revenue	(1) \$125,235	\$ -	\$125,235	\$ -		\$125,235	
3	Total Operating Revenues	\$1,579,603	\$7,216	\$1,586,820	(\$193,583)		\$1,393,236	
	<u>Operating Expenses:</u>							
4	OM+A Expenses	\$1,175,151	\$45,229	\$1,220,380	(\$190,380)		\$1,030,000	
5	Depreciation/Amortization	\$197,456	(\$28,663)	\$168,793	(\$370)		\$168,424	
6	Property taxes	\$ -	\$ -	\$ -	\$ -		\$ -	
7	Capital taxes	\$ -	\$ -	\$ -	\$ -		\$ -	
8	Other expense	\$ -	(\$1,813)	(\$1,813)	(\$349)		(\$2,162)	
9	Subtotal (lines 4 to 8)	\$1,372,607	\$14,753	\$1,387,360	(\$191,099)		\$1,196,261	
10	Deemed Interest Expense	\$77,426	(\$3,013)	\$74,414	(\$921)		\$73,492	
11	Total Expenses (lines 9 to 10)	\$1,450,033	\$11,741	\$1,461,774	(\$192,020)		\$1,269,754	
12	Utility income before income taxes	\$129,570	(\$4,524)	\$125,046	(\$1,563)		\$123,483	
13	Income taxes (grossed-up)	\$17,914	(\$3,826)	\$14,087	(\$190)		\$13,898	
14	Utility net income	\$111,656	(\$698)	\$110,958	(\$1,374)		\$109,585	
Notes	Other Revenues / Revenue Offsets							
(1)	Specific Service Charges	\$7,100	\$ -	\$7,100	\$ -		\$7,100	
	Late Payment Charges	\$6,024	\$ -	\$6,024	\$ -		\$6,024	
	Other Distribution Revenue	\$103,111	\$ -	\$103,111	\$ -		\$103,111	
	Other Income and Deductions	\$9,000	\$ -	\$9,000	\$ -		\$9,000	
	Total Revenue Offsets	\$125,235	\$ -	\$125,235	\$ -		\$125,235	

Line No.	Particulars	Application				Per Board Decision
<u>Determination of Taxable Income</u>						
1	Utility net income before taxes	\$111,656		\$110,958		\$109,585
2	Adjustments required to arrive at taxable utility income	(\$13,997)		(\$34,159)		(\$33,819)
3	Taxable income	\$97,659		\$76,799		\$75,766
<u>Calculation of Utility income Taxes</u>						
4	Income taxes	\$15,137		\$11,904		\$11,744
6	Total taxes	\$15,137		\$11,904		\$11,744
7	Gross-up of Income Taxes	\$2,777		\$2,184		\$2,154
8	Grossed-up Income Taxes	\$17,914		\$14,087		\$13,898
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$17,914		\$14,087		\$13,898
10	Other tax Credits	\$ -		\$ -		\$ -
<u>Tax Rates</u>						
11	Federal tax (%)	11.00%		11.00%		11.00%
12	Provincial tax (%)	4.50%		4.50%		4.50%
13	Total tax rate (%)	15.50%		15.50%		15.50%

Notes



Ontario Energy Board

**REVENUE REQUIREMENT
WORK FORM**

Version 2.20

Atikokan Hydro Inc.
Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$1,631,720	4.57%	\$74,559
2	Short-term Debt	4.00%	\$116,551	2.46%	\$2,867
3	Total Debt	60.00%	\$1,748,272	4.43%	\$77,426
	Equity				
4	Common Equity	40.00%	\$1,165,515	9.58%	\$111,656
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$1,165,515	9.58%	\$111,656
7	Total	100.00%	\$2,913,786	6.49%	\$189,083
		Per Board Decision			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$1,703,310	4.22%	\$71,883
2	Short-term Debt	4.00%	\$121,665	2.08%	\$2,531
3	Total Debt	60.00%	\$1,824,975	4.08%	\$74,414
	Equity				
4	Common Equity	40.00%	\$1,216,650	9.12%	\$110,958
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$1,216,650	9.12%	\$110,958
7	Total	100.00%	\$3,041,625	6.09%	\$185,372
		Per Board Decision			
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$1,682,224	4.22%	\$70,993
9	Short-term Debt	4.00%	\$120,159	2.08%	\$2,499
10	Total Debt	60.00%	\$1,802,383	4.08%	\$73,492
	Equity				
11	Common Equity	40.00%	\$1,201,589	9.12%	\$109,585
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$1,201,589	9.12%	\$109,585
14	Total	100.00%	\$3,003,971	6.09%	\$183,077

Notes
(1)

4.0% unless an Applicant has proposed or been approved for another amount.



Ontario Energy Board

REVENUE REQUIREMENT WORK FORM

Version 2.20

Atikokan Hydro Inc. Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$364,011		\$371,227
2	Distribution Revenue	\$1,090,357	\$1,090,357	\$1,090,357	\$1,090,357
3	Other Operating Revenue	\$125,235	\$125,235	\$125,235	\$125,235
4	Offsets - net				
4	Total Revenue	\$1,215,592	\$1,579,603	\$1,215,592	\$1,586,820
5	Operating Expenses	\$1,372,607	\$1,372,607	\$1,387,360	\$1,387,360
6	Deemed Interest Expense	\$77,426	\$77,426	\$74,414	\$74,414
6	Total Cost and Expenses	\$1,450,033	\$1,450,033	\$1,461,774	\$1,461,774
7	Utility Income Before Income Taxes	(\$234,441)	\$129,570	(\$246,181)	\$125,046
8					
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$13,997)	(\$13,997)	(\$34,159)	(\$34,159)
9	Taxable Income	(\$248,438)	\$115,573	(\$280,341)	\$90,887
10	Income Tax Rate	15.50%	15.50%	15.50%	15.50%
11	Income Tax on Taxable Income	(\$38,508)	\$17,914	(\$43,453)	\$14,087
12	Income Tax Credits	\$ -	\$ -	\$ -	\$ -
13	Utility Net Income	(\$195,933)	\$111,656	(\$202,729)	\$110,958
14	Utility Rate Base	\$2,913,786	\$2,913,786	\$3,041,625	\$3,041,625
	Deemed Equity Portion of Rate Base	\$1,165,515	\$1,165,515	\$1,216,650	\$1,216,650
15	Income/(Equity Portion of Rate Base)	-16.81%	9.58%	-16.66%	9.12%
16	Target Return - Equity on Rate Base	9.58%	9.58%	9.12%	9.12%
17	Deficiency/Sufficiency in Return on Equity	-26.39%	0.00%	-25.78%	0.00%
18	Indicated Rate of Return	-4.07%	6.49%	-4.22%	6.09%
19	Requested Rate of Return on Rate Base	6.49%	6.49%	6.09%	6.09%
20	Deficiency/Sufficiency in Rate of Return	-10.56%	0.00%	-10.31%	0.00%
21	Target Return on Equity	\$111,656	\$111,656	\$110,958	\$110,958
22	Revenue Deficiency/(Sufficiency)	\$307,589	\$ -	\$313,687	\$ -
23	Gross Revenue	\$364,011	(1)	\$371,227	(1)
	Deficiency/(Sufficiency)				

Notes:
(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

Line No.	Particulars	Application				Per Board Decision	
1	OM&A Expenses	\$1,175,151		\$1,220,380		\$1,030,000	
2	Amortization/Depreciation	\$197,456		\$168,793		\$168,424	
3	Property Taxes	\$ -					
5	Income Taxes (Grossed up)	\$17,914		\$14,087		\$13,898	
6	Other Expenses	\$ -		(\$1,813)		(\$2,162)	
7	Return						
	Deemed Interest Expense	\$77,426		\$74,414		\$73,492	
	Return on Deemed Equity	\$111,656		\$110,958		\$109,585	
8	Service Revenue Requirement (before Revenues)	\$1,579,603		\$1,586,820		\$1,393,236	
9	Revenue Offsets	\$125,235		\$125,235		\$125,235	
10	Base Revenue Requirement	\$1,454,368		\$1,461,585		\$1,268,001	
11	Distribution revenue	\$1,454,368		\$1,461,585		\$1,268,001	
12	Other revenue	\$125,235		\$125,235		\$125,235	
13	Total revenue	\$1,579,603		\$1,586,820		\$1,393,236	
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	\$ - (1)		\$ - (1)		\$ - (1)	

Notes
(1)

Line 11 - Line 8

Atikokan Hydro Inc.
Bill Impacts - Residential

● Application of New Loss Factor to all applicable items ● Application of new Loss Factor to Delivery Items Only

		Consumption	800 kWh							
	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	\$ 30.5800	1	\$ 30.58	\$ 35.7300	1	\$ 35.73	\$ 5.15	16.84%	
2	Smart Meter Rate Adder	\$ 3.5000	1	\$ 3.50		1	\$ -	-\$ 3.50	-100.00%	
3	Service Charge Rate Adder(s)		1	\$ -		1	\$ -	\$ -		
4	Service Charge Rate Rider(s)		1	\$ -		1	\$ -	\$ -		
5	Distribution Volumetric Rate	\$ 0.0121	800	\$ 9.68	\$ 0.0141	800	\$ 11.28	\$ 1.60	16.53%	
6	Low Voltage Rate Adder		800	\$ -		800	\$ -	\$ -		
7	Volumetric Rate Adder(s)		800	\$ -		800	\$ -	\$ -		
8	Volumetric Rate Rider(s)		800	\$ -		800	\$ -	\$ -		
9	Smart Meter Disposition Rider		800	\$ -		800	\$ -	\$ -		
10	LRAM & SSM Rate Rider		800	\$ -		800	\$ -	\$ -		
11	Deferral/Variance Account Disposition Rate Rider	-\$ 0.0018	800	-\$ 1.44	\$ 0.0009	800	\$ 0.71	\$ 2.15	-149.55%	
12	Smart Meter Cost Rec Rider	monthly monthly per kWh monthly		\$ -	\$ 0.5493	1	\$ 0.55	\$ 0.55		
13	Stranded Meter Rider			\$ -	\$ 0.3900	1	\$ 0.39	\$ 0.39		
14	Rate Mitigation Rider			\$ -		800	\$ -	\$ -		
15	Late Payment Rider		\$ 0.2900	1	\$ 0.29			\$ -	-\$ 0.29	-100.00%
16	Sub-Total A - Distribution			\$ 42.61			\$ 48.66	\$ 6.05	14.21%	
17	RTSR - Network		\$ 0.0060	860.24	\$ 5.16	\$ 0.0063	862.268	\$ 5.43	\$ 0.27	5.25%
18	RTSR - Line and Transformation Connection		\$ 0.0037	860.24	\$ 3.18	\$ 0.0036	862.268	\$ 3.13	-\$ 0.05	-1.73%
19	Sub-Total B - Delivery (including Sub-Total A)			\$ 50.95			\$ 57.22	\$ 6.27	12.30%	
20	Wholesale Market Service Charge (WMSC)		\$ 0.0052	860.24	\$ 4.47	\$ 0.0052	862.268	\$ 4.48	\$ 0.01	0.24%
21	Rural and Remote Rate Protection (RRRP)		\$ 0.0013	860.24	\$ 1.12	\$ 0.0011	862.268	\$ 0.95	-\$ 0.17	-15.19%
22	Special Purpose Charge			860.24	\$ -		862.268	\$ -	\$ -	
23	Standard Supply Service Charge		\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)		\$ 0.0070	800	\$ 5.60	\$ 0.0070	800	\$ 5.60	\$ -	0.00%
25	Energy		860.24	\$ -		862.268	\$ -	\$ -		
26	Cost of Power first 600		\$ 0.0680	600	\$ 40.80	\$ 0.0680	600	\$ 40.80	\$ -	0.00%
27	Cost of Power remaining		\$ 0.0790	260.24	\$ 20.56	\$ 0.0790	262.268	\$ 20.72	\$ 0.16	0.78%
28	Total Bill (before Taxes)			\$ 123.75			\$ 130.02	\$ 6.27	5.07%	
29	HST		13%		\$ 16.09	13%		\$ 16.90	\$ 0.82	5.07%
30	Total Bill (including Sub-total B)			\$ 139.84			\$ 146.93	\$ 7.09	5.07%	
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 13.98	-10%		-\$ 14.69	-\$ 0.71	5.08%
32	Total Bill (including OCEB)			\$ 125.86			\$ 132.24	\$ 6.38	5.07%	
33	Loss Factor (%)	Note 1	7.53%		7.78%					

Notes:
(1): Enter existing and proposed total loss factor (Secondary Metered Customer < 5,000 kW) as a percentage.



Ontario Energy Board

REVENUE REQUIREMENT
WORK FORM

Version 2.20

Atikokan Hydro Inc.
Bill Impacts - General Service < 50 kW

- Application of New Loss Factor to all applicable items ● Application of new Loss Factor to Delivery Items Only

		Consumption	2000	kWh							
	Charge Unit	Current Board-Approved			Proposed			Impact			
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change		
1	Monthly Service Charge	\$ 70.0200	1	\$ 70.02	\$ 76.0600	1	\$ 76.06	\$ 6.04	8.63%		
2	Smart Meter Rate Adder	\$ 3.5000	1	\$ 3.50		1	\$ -	-\$ 3.50	-100.00%		
3	Service Charge Rate Adder(s)		1	\$ -		1	\$ -	\$ -			
4	Service Charge Rate Rider(s)		1	\$ -		1	\$ -	\$ -			
5	Distribution Volumetric Rate	\$ 0.0089	2000	\$ 17.80	\$ 0.0097	2000	\$ 19.40	\$ 1.60	8.99%		
6	Low Voltage Rate Adder		2000	\$ -		2000	\$ -	\$ -			
7	Volumetric Rate Adder(s)		2000	\$ -		2000	\$ -	\$ -			
8	Volumetric Rate Rider(s)		2000	\$ -		2000	\$ -	\$ -			
9	Smart Meter Disposition Rider		2000	\$ -		2000	\$ -	\$ -			
10	LRAM & SSM Rider		2000	\$ -		2000	\$ -	\$ -			
11	Deferral/Variance Account Disposition Rate Rider	-\$ 0.0018	2000	-\$ 3.60	\$ 0.0006	2000	\$ 1.27	\$ 4.87	-135.41%		
12	Smart Meter Cost Rec Rider	monthly		\$ -	\$ 0.6258	1	\$ 0.63	\$ 0.63			
13	Stranded Meter Rider	monthly		\$ -	\$ 0.3900	1	\$ 0.39	\$ 0.39			
14	Rate Mitigation Rider	per kWh		\$ -			\$ -	\$ -			
15	Late Payment Rider	monthly		\$ 0.7100			\$ -	-\$ 0.71	-100.00%		
16	Sub-Total A - Distribution			\$ 88.43			\$ 97.75	\$ 9.32	10.54%		
17	RTSR - Network			\$ 0.0054	2150.6	\$ 11.61	\$ 0.0056	2155.67	\$ 12.07	\$ 0.46	3.95%
18	RTSR - Line and Transformation Connection			\$ 0.0032	2150.6	\$ 6.88	\$ 0.0032	2155.67	\$ 6.91	\$ 0.03	0.42%
19	Sub-Total B - Delivery (including Sub-Total A)			\$ 106.93			\$ 116.73	\$ 9.81	9.17%		
20	Wholesale Market Service Charge (WMSC)			\$ 0.0052	2150.6	\$ 11.18	\$ 0.0052	2155.67	\$ 11.21	\$ 0.03	0.24%
21	Rural and Remote Rate Protection (RRRP)			\$ 0.0013	2150.6	\$ 2.80	\$ 0.0011	2155.67	\$ 2.37	-\$ 0.42	-15.19%
22	Special Purpose Charge				2150.6	\$ -		2155.67	\$ -	\$ -	
23	Standard Supply Service Charge			\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)			\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
25	Energy				2150.6	\$ -		2155.67	\$ -	\$ -	
26	Cost of Power first 600			\$ 0.0680	600	\$ 40.80	\$ 0.0680	600	\$ 40.80	\$ -	0.00%
27	Cost of Power remaining			\$ 0.0790	1550.6	\$ 122.50	\$ 0.0790	1555.67	\$ 122.90	\$ 0.40	0.33%
28	Total Bill (before Taxes)					\$ 298.45			\$ 308.26	\$ 9.81	3.29%
29	HST			13%		\$ 38.80	13%		\$ 40.07	\$ 1.28	3.29%
30	Total Bill (including Sub-total B)					\$ 337.25			\$ 348.34	\$ 11.09	3.29%
31	Ontario Clean Energy Benefit (OCEB)			-10%		-\$ 33.73	-10%		-\$ 34.83	-\$ 1.10	3.26%
32	Total Bill (including OCEB)					\$ 303.52			\$ 313.51	\$ 9.99	3.29%
33	Loss Factor	(1)		7.53%			7.78%				

Notes:
(1): See Note (1) from Sheet 10A. Bill Impacts - Residential

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	Initial Application	Adjustments	Close of Record	Adjustments	Decision
OM&A Expenses	1,175,151	45,229	1,220,380	(190,380)	1,030,000
Amortization Expenses	197,456	(28,663)	168,793	(370)	168,424
PP&E Adjustment	0	(1,813)	(1,813)	(349)	(2,162)
Regulated Return On Capital	189,083	(3,710)	185,372	(2,295)	183,077
PILs	17,914	(3,826)	14,087	(190)	13,898
Service Revenue Requirement	1,579,603	7,216	1,586,820	(193,583)	1,393,236
Revenue Offsets	125,235	0	125,235	0	125,235
Base Revenue Requirement	1,454,368	7,216	1,461,585	(193,583)	1,268,001

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Gross Fixed Assets (average)	5,661,851	34,171	5,696,022	(4,250)	5,691,772
Accumulated Depreciation (average)	(3,253,626)	86,883	(3,166,743)	0	(3,166,743)
Net Fixed Assets (average)	2,408,225	121,054	2,529,279	(4,250)	2,525,029
Allowance for Working Capital	505,561	6,784	512,346	(33,403)	478,942
Total Rate Base	2,913,786	127,838	3,041,625	(37,653)	3,003,971

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Controllable Expenses	1,175,151	45,229	1,220,380	(190,380)	1,030,000
Cost of Power	2,195,257	0	2,195,257	(32,309)	2,162,948
Working Capital Base	3,370,408	45,229	3,415,637	(222,689)	3,192,948
Working Capital Rate %	15%		15%		15%
Working Capital Allowance	505,561	6,784	512,346	(33,403)	478,942

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Predicted kWh Purchases	25,592,783	0	25,592,783	(589,691)	25,003,092
Billed kWh	23,593,125	0	23,593,125	(548,962)	23,044,163
Residential					
Customers	1,424	0	1,424	0	1,424
kWh	11,395,913	0	11,395,913	(282,893)	11,113,021
GS<50 kW					
Customers	235	0	235	0	235
kWh	6,387,021	0	6,387,021	(140,934)	6,246,087
GS>50 kW					
Customers	15	0	15	0	15
kWh	5,343,698	0	5,343,698	(125,135)	5,218,563
kW	14,205	0	14,205	(333)	13,872
Streetlights					
Connections	623	0	623	0	623
kWh	466,493	0	466,493	0	466,493
kW	1,316	0	1,316	0	1,316
Total					
Customer/Connections	2,297	0	2,297	0	2,297
kWh	23,593,125	0	23,593,125	(548,962)	23,044,163
kW from applicable classes	15,521	0	15,521	(333)	15,188

	LRAM Variance Account Values
Residential	
kWh	110,787
GS<50 kW	
kWh	55,193
GS>50 kW	
kWh	60,654
kW	161
Streetlights	
kWh	5,367
kW	15
Total	
kWh	232,000
kW from applicable classes	176

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Operations	418,349	-	418,349	(73,019)	345,330
Maintenance	53,177	-	53,177	(12,000)	41,177
Billing and Collecting	153,170	-	153,170	(2,979)	150,191
Community Relations	-	-	-	-	-
Administrative and General Expenses	550,455	45,229	595,684	(102,382)	493,302
Total	1,175,151	45,229	1,220,380	(190,380)	1,030,000

	Initial Application	Adjustments	Close of Record	Adjustments
Deemed Utility Income	111,656	(698)	110,958	(1,374)
Tax Adjustments to Accounting Income	(13,997)	(20,162)	(34,159)	340
Regulatory Net Income	97,659	(20,860)	76,799	(1,034)
Tax Rate	15.50%	-	15.50%	-
Total PILs before gross up	15,137	(3,233)	11,904	(160)
Grossed up PILs	17,914	(3,826)	14,087	(190)

Decision
109,585
(33,819)
75,766
15.50%
11,744
13,898

	Initial Application	Adjustments	Close of Record	Adjustments	Decision
Capitalization					
Long-Term Debt	56%	-	56%	-	56%
Short-Term Debt	4%	-	4%	-	4%
Equity	40%	-	40%	-	40%
Rate of Return					
Long-Term Debt	4.57%	(0.35%)	4.22%	-	4.22%
Short-Term Debt	2.46%	(0.38%)	2.08%	-	2.08%
Equity	9.58%	(0.46%)	9.12%	-	9.12%
Rate Base	2,913,786	127,838	3,041,625	(37,653)	3,003,971
Return					
Long-Term Debt	74,559	(2,676)	71,883	(890)	70,993
Short-Term Debt	2,867	(337)	2,531	(31)	2,499
Equity	111,656	(698)	110,958	(1,374)	109,585
Total Return on Rate Base	189,083	(3,710)	185,372	(2,295)	183,077
Rate of Return on Rate Base	6.49%	(0.39%)	6.09%	0.00%	6.09%

Class	Annual Volumes	UOM	Customers/ Connections	Existing Monthly Charge	Existing Volumetric Charge	Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. @ Exist Rates Including Transformer	Transformer Allowance	Dist. Rev. @ Exist Rates Excluding Transformer	Dist Rev At Existing Rates %
Residential	11,113,021	kWh	1,424	30.58	0.0121	522,368	134,468	656,835		656,835	60.53%
GS < 50 kW	6,246,087	kWh	235	70.02	0.0089	197,418	55,590	253,008		253,008	23.32%
GS > 50 kW	13,872	kW	15	440.74	1.7161	78,589	23,806	102,395	1,147	101,248	9.33%
Street Lighting	1,316	kW	623	8.13	10.0266	60,822	13,196	74,018		74,018	6.82%
Total						859,197	227,060	1,086,256	1,147	1,085,109	100.00%

Class	Revenue Requirement - 2012 Cost Allocation Model	2012 Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Miscellaneous Revenue Allocated from 2012 Cost Allocation Model	Total Revenue	Starting Point Revenue Cost Ratio	Proposed Revenue to Cost Ratio	Proposed Revenue	Miscellaneous Revenue	Proposed Base Revenue
Residential	857,315	767,543	74,873	842,415	98.26%	98.26%	842,415	74,873	767,543
GS < 50 kW	247,459	295,652	22,136	317,788	128.42%	120.00%	296,951	22,136	274,815
GS > 50 kW	154,242	118,313	13,650	131,963	85.56%	88.01%	135,745	13,650	122,094
Street Lighting	134,221	86,494	14,576	101,070	75.30%	88.01%	118,125	14,576	103,549
Total	1,393,236	1,268,001	125,235	1,393,236			1,393,236	125,235	1,268,001

Class	Proposed Base Revenue	Current Fixed Charge Spilt	Current Variable Charge Spilt	Proposed Fixed Costs	Proposed Variable Costs	Transformer Allowance	Annual Volumes	UOM	Customers/ Connections	Proposed Monthly Charge	Proposed Volumetric Charge
Residential	767,543	79.53%	20.47%	610,411	157,132		11,113,021	kWh	1,424	35.73	0.0141
GS < 50 kW	274,815	78.03%	21.97%	214,434	60,382		6,246,087	kWh	235	76.06	0.0097
GS > 50 kW	122,094	77.62%	22.38%	94,770	27,324	1,938	13,872	kW	15	531.49	2.1095
Street Lighting	103,549	82.17%	17.83%	85,088	18,461		1,316	kW	623	11.37	14.0269
Total	1,268,001			1,004,703	263,298	1,938					

Difference in Closing net PP&E, CGAAP vs MIFRS	34,002
Rate of Return	6.09%
Return	2,072
Amortization over 4 years	8,500
Revenue Requirement Reduction	10,573
Adjustment to reflect 46 month amortization	
Return - amount above times 48 divide by 46	2,162

Group 1 DVA Accounts			
Account Description	Account Number	Principal (\$)	Interest (\$)
RSVA - Wholesale Market Service Charge	1580	\$ (36,935)	\$ 14,276
RSVA - Retail Transmission Network Charge	1584	\$ 8,273	\$ 765
RSVA - Retail Transmission Connection Charge	1586	\$ 34,957	\$ 13,411
RSVA - Power (excluding Global Adjustment)	1588	\$ (5,710)	\$ 8,256
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ 9,626	\$ 59
Recovery of Regulatory Asset Balances	1590	\$ 1,274	\$ (640)
	Sub-Totals	\$ 11,485	\$ 36,127
Group 2 DVA Accounts			
Retail Cost Variance Account - Retail	1518	\$ 6,879	\$ 157
Retail Cost Variance Account - STR	1548	\$ 20,293	\$ 601
Differed Payments in Lieu of Taxes	1562	\$ 8,222	\$ 2,260
Input Tax Credit	1592	\$ (7,605)	\$ (111)
Special Purpose Charge	1521	\$ 1,592	\$ 138
	Sub-Totals	\$ 29,381	\$ 3,046
	Totals	\$ 40,866	\$ 39,173

Total Claim
\$ (22,659)
\$ 9,038
\$ 48,368
\$ 2,546
\$ 9,685
\$ 634
\$ 47,612
\$ 7,036
\$ 20,894
\$ 10,482
\$ (7,716)
\$ 1,730
\$ 32,427
\$ 80,039

Class	DVA Rate Rider for all Customers	DVA Rate Rider for Non-RPP Customers
Residential (\$/kWh)	\$0.0009	\$0.0004
GS < 50 kW (\$/kWh)	\$0.0006	\$0.0004
GS > 50 kW (\$/kW)	\$0.1897	\$0.1349
Street Lighting (\$/kW)	\$1.3885	\$0.1271

Class	SMDR (\$/Month)
Residential	\$0.55
GS < 50 kW	\$0.63
GS > 50 kW	\$1.09

Class	kWh per month	kW per month	Total Bill Impact
Residential	800		5.07%
GS < 50 kW	2,000		3.29%
GS > 50 kW	30,000	100	5.81%