

Hydro Ottawa Limited
3025 Albion Road North, PO Box 8700
Ottawa, Ontario K1G 3S4
Tel.: (613) 738-6400
Fax: (613) 738-6403
www.hydroottawa.com

Hydro Ottawa limitée
3025, chemin Albion Nord, C.P. 8700
Ottawa (Ontario) K1G 3S4
Tél. : (613) 738-6400
Télééc. : (613) 738-6403
www.hydroottawa.com



November 7, 2008

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

Attention: Kirsten Walli
Board Secretary

**Re: 2009 Electricity Distribution Rates
EB-2008-0188**

Please find enclosed two hard copies and a CD of Hydro Ottawa Limited's 2009 Electricity Distribution Rates Application.

A complete copy of the Application in searchable/unrestricted PDF format, one (1) electronic copy in Microsoft Excel format of the completed 3rd Generation IRM models and one (1) electronic copy of the Manager's Summary have been filed electronically today through the Board's web portal.

If further information is required, please contact the undersigned at 613-738-5499 ext 7499 or janescott@hydroottawa.com.

Yours truly,

Jane Scott
Manager, Rates & Revenue
Hydro Ottawa Limited



EB-2008-0188

ONTARIO ENERGY BOARD

IN THE MATTER OF the *Ontario Energy Board Act, 1998, S.O. 1998, c. 15, Sched. B, as amended;*

AND IN THE MATTER OF an Application by Hydro Ottawa Limited for an Order or Orders approving or fixing just and reasonable rates.

APPLICATION

1. Hydro Ottawa Limited (“Hydro Ottawa”) is a distributor as defined in, and is licensed as such under, the *Ontario Energy Board Act, 1998* (the “Act”). Hydro Ottawa holds Electricity Distribution Licence ED-2002-0556.
2. Hydro Ottawa hereby applies to the Ontario Energy Board (the “Board”), pursuant to section 78 of the Act, for an Order or Orders approving or fixing just and reasonable rates for distribution service effective May 1, 2009. This Application is made in accordance with the Board’s *Report of the Board on 3rd Generation Incentive Regulation for Ontario’s Electricity Distributors*, issued on July 14, 2008 and *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario’s Electricity Distributors*, issued on September 17, 2008.
3. In addition, the Board’s Guidelines G-2008-0001 *Electricity Distribution Retail Transmission Service Rates* and G-2008-0002 *Smart Meter Funding and Cost Recovery*, issued on October 22, 2008 were followed.
4. Hydro Ottawa has used the Board’s two Excel Models: OEB 2009 3GIRM Rate Generator (“2009 Rate Model”) and OEB 2009 3GIRM Supplementary Filing Module (“2009 Supplementary Model”), Versions 2.0 released on October 23, 2008. The rates for which approval is sought are shown on Sheets N1.1 and N2.1 of the 2009 Rate Model.
5. Further to the *Smart Meter Funding and Cost Recovery* Guideline, this Application for an Order or Orders for just and reasonable distribution rates is inclusive of funding adders to provide funding for Hydro Ottawa’s Smart Meter Program.



6. This Application includes a request for approval of Lost Revenue Adjustment Mechanism/Shared Savings Mechanism (“LRAM/SSM”) rate riders, calculated in accordance with the Board’s *Guidelines For Electricity Distributor Conservation and Demand Management*, issued on March 28, 2008.
7. Hydro Ottawa is also applying for an Order approving a new deferral account to record incremental costs being incurred for the transition of utility accounting from Canadian GAAP to International Financial Reporting Standards (“IFRS”) and requesting that the Board amend the Accounting Procedures Handbook to prescribe such an account.
8. This Application is supported by the written evidence comprising a Manager’s Summary at Exhibit B, and the data and other information included as Attachments A-H of the “Application Binder” (of which this Application is Exhibit A-1-1). Hydro Ottawa may amend or supplement this written evidence prior to or during the course of the Board’s hearing of this Application.
9. The following is the name and address of Hydro Ottawa’s authorized representative, for the purpose of serving documents on Hydro Ottawa in this proceeding:

(a) authorized representative:

Ms. Jane Scott
Manager, Rates & Revenue
Hydro Ottawa Limited

Address for personal service
and mailing address:

3025 Albion Road North
P.O. Box 8700
Ottawa, Ontario
K1G 3S4

Telephone:
Facsimile:
E-mail

(613) 738-5499, ext. 7499
(613) 738-5485
janescott@hydroottawa.com

Dated November 7, 2008 at Ottawa, Ontario.

Jane Scott
Manager, Rates & Revenue
Hydro Ottawa Limited



INDEX

Exh.	Tab	Schedule	Contents
A	1	1	Application
	2	1	Index
B	1	1	Manager's Summary
		1.0	Introduction
		2.0	Price Cap Adjustment
		3.0	Tax Sharing
		4.0	Other Adjusting Factors
		4.1	Migration to Common Capital Structure
		4.2	Z Factor
		4.3	Capital Adjustment Factor
		5.0	Cost Allocation
		6.0	Low Voltage Charges
		7.0	Transmission Rates
		8.0	Other Regulated Charges
		9.0	New Variance & Deferral Accounts
		10.0	Proposed Rate Schedule and Bill Impacts
		2	Lost Revenue Adjustment Mechanism ("LRAM")/Shared Savings Mechanism ("SSM")
		1.0	Introduction
		2.0	2008 LRAM/SSM Riders
		3.0	2009 LRAM/SSM Riders
		4.0	2005 and 2006 Programs for 2007 LRAM
		5.0	2007 Programs
		5.1	SSM
		5.2	LRAM
		6.0	Calculation of Rate Riders
		6.1	Carrying Charges
		7.0	Third Party Verification
		3	Smart Meters
		1.0	Introduction
		2.0	Smart Meter Program
		3.0	Capital Expenditures
		4.0	Operating, Maintenance and Administration ("OM&A")
		5.0	Expenditures Beyond Minimum Functionality
		6.0	Funding Adder
		7.0	Stranded Meters



Attachments

- A Current Rate Schedule
- B OEB 2009 3GIRM Rate Generator
- C OEB 2009 3GIRM Supplementary Filing Module
- D 2005 and 2006 CDM Programs
- E 2007 CDM Programs
- F Smart Meter Funding Adder Model
- G Proposed Rate Schedule
- H Bill Impacts



MANAGER'S SUMMARY

1.0 INTRODUCTION

Hydro Ottawa Limited ("Hydro Ottawa") is a distributor as defined in, and is licensed as such under, the *Ontario Energy Board Act, 1998* (the "Act"). Hydro Ottawa holds Electricity Distribution Licence ED-2002-0556. On September 19, 2007, Hydro Ottawa filed a cost of service application ("2008 EDR Application") with the Ontario Energy Board (the "Board") seeking approval for changes to distribution rates, to be effective May 1, 2008 (Reference 2008 EDR Application, EB-2007-0713). The Board accepted a Settlement Proposal, which addressed all but three issues, on January 24, 2008. The Board's Decision regarding the outstanding issues was issued on March 17, 2008 and the Board approved Hydro Ottawa's Tariff of Rates and Charges on April 23, 2008. A copy of the Rate Order, which includes Hydro Ottawa's current rates, is included as Attachment A.

Hydro Ottawa is submitting a third generation incentive regulation mechanism ("3GIRM") rate application, for 2009 electricity distribution rates. This application has been prepared in accordance with the Board's Filing Requirements; *Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors*, issued July 14, 2008 (the "Board's Report") and *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors*, issued September 17, 2008 (the "Board's Supplemental Report").

In addition, Hydro Ottawa has followed the Board's Guidelines, issued on October 22, 2008: G-2008-0001 *Electricity Distribution Retail Transmission Service Rates*, in filing for changes to Retail Transmission Rates and G-2008-0002 *Smart Meter Funding and Cost Recovery*, in filing for an amended Smart Meter funding adder.

Hydro Ottawa has used the Board's two Excel Models: OEB 2009 3GIRM Rate Generator ("2009 Rate Model") and OEB 2009 3GIRM Supplementary Filing Module



1 (“2009 Supplementary Model”), Versions 2.0 released on October 23, 2008 and copies
2 are included as Attachments B and C, respectively.

3 4 **2.0 PRICE CAP ADJUSTMENT**

5
6 Hydro Ottawa has used the Board’s default values for the Price Escalator (GDP-IPI-
7 FDD), Productivity Factor and Stretch Factor of 2.10%, 0.72% and 0.40% respectively.
8 This results in a Price Cap Index used in the Models of 0.98%. Hydro Ottawa
9 understands that Board staff will adjust the Price Escalator to reflect the 2008 final
10 results and the Stretch Factor to reflect the final determination of Hydro Ottawa’s cohort
11 placing.

12 13 **3.0 TAX SHARING**

14
15 The Board’s Supplemental Report determined that a 50/50 sharing of the impact of
16 currently known legislated tax changes, as applied to the tax level reflected in the Board-
17 approved base rates for a distributor, is appropriate. There are three known legislated
18 tax changes which apply:

- 19 - changes in the CCA Rates for Classes 1 and 45 for equipment added after
20 March 18, 2007,
21 - elimination of the Capital Tax on July 1, 2010, and
22 - Income Tax Rate changes.

23
24 In Hydro Ottawa’s 2008 EDR Application, changes to the CCA rates for Classes 1 and
25 45 and Income Tax Rate Changes for 2008 were incorporated. The Capital Tax Rate
26 Change does not take effect until 2010; therefore, the only tax savings to be shared in
27 2009 are related to the income tax rate change from 33.5% in 2008 to 33% in 2009.

28
29 As per the Board’s direction, the savings of \$221,379 has been shared 50/50 with
30 customers using a volumetric rate rider. Note that because of the rounding to the 4th



1 decimal place for all rates, this rate rider only applies to customer classes that use
2 kilowatts (kW) as the billing determinate, as shown in Table 1 below.

3
4

Table 1 – Tax Sharing Rate Riders

Class	As calculated by the Model	Proposed
Residential per kWh	-\$0.000026	\$0.0000
GS < 50 kW per kWh	-\$0.000019	\$0.0000
GS > 50 < 1500 kW per kW	-\$0.003459	-\$0.0035
GS > 1500 kW per kW	-\$0.004050	-\$0.0041
Large Use per kW	-\$0.003499	-\$0.0035
Street Lighting per kW	-\$0.004758	-\$0.0048
Sentinel Lighting per kW	-\$0.012356	-\$0.0124
UMSL per kWh	-\$0.000022	\$0.0000

5
6

7 **4.0 OTHER ADJUSTING FACTORS**

8

9 4.1 Migration to Common Capital Structure

10 Hydro Ottawa's deemed debt to equity ratio is already at 60%/40%; therefore no K
11 Factor is required to transition to the deemed capital structure of 60% debt and 40%
12 equity.

13

14 4.2 Z Factor

15 Hydro Ottawa is not applying to recover any extraordinary costs by means of a Z factor.

16

17 4.3 Capital Adjustment Factor

18 Hydro Ottawa has chosen not to apply for the Capital Adjustment Factor for 2009. When
19 2007 actual billing determinants are entered on Sheets D1.1 and D1.2 of the 2009
20 Supplementary Model, the calculated growth rate on Sheet G1.1, which would be used
21 in the threshold calculation, is 2.23%. This growth rate is comparing 2007 actuals to the



1 2008 weather normal forecast, which Hydro Ottawa does not consider representative of
2 the true growth in 2009. A better proxy for 2009 growth would have been the 2007
3 weather normal forecast to the 2008 weather normal forecast, both of which were
4 provided in Hydro Ottawa's 2008 EDR Application. Therefore, while Hydro Ottawa still
5 meets the threshold, the incremental funding is seriously reduced by an overstated factor
6 for growth, making the incremental capital module of limited value for 2009. This
7 approach of comparing actual volumes to weather corrected volumes is inconsistent with
8 normal rate-setting principles and must be addressed for the 2010 rate applications.

9

10 **5.0 COST ALLOCATION**

11

12 As part of the 2008 EDR Application, the Board accepted a Settlement Proposal that
13 included Revenue-to-Cost ratios consistent with the Report of the Board: *Application of*
14 *Cost Allocation for Electricity Distributors*, issued November 28, 2007. These Revenue-
15 to-Cost ratios, which are shown in the Table 2 below, have been maintained for 2009
16 Rates.

17

18

Table 2 – Revenue to Cost %

Class	Revenue to Cost %	Cost Allocation Report
Residential	94%	85%-115%
GS < 50 kW	112%	80%-120%
GS > 50 < 1500 kW	100%	80%-180%
GS > 1500 kW	151%	80%-180%
Large Use	114%	80%-115%
Street Lighting	71%	70%-120%
Sentinel Lighting	34%	70%-120%
UMSL	119%	80%-120%
Standby Rates	100%	80%-115%

19

20 No Revenue to Cost Ratio Adjustments were entered on Sheets D1.2 and D1.3 of the
21 2009 Rate Model.



1 **6.0 LOW VOLTAGE CHARGES**

2
3 In the 2008 EDR Application, Hydro Ottawa proposed that low voltage (“LV”) charges be
4 removed from the Distribution Revenue Requirement and a separate charge be
5 calculated to recover the LV charges directly from the customer. This was accepted by
6 the Board as part of the Settlement Proposal and as a result Hydro Ottawa has LV
7 charges as shown on Attachment A. These rates have been entered on Sheet C3.1 of
8 the 2009 Rate Model. As directed in Question 1 of the *2009 Electricity Distribution Rates*
9 *FAQs for LDCs under 2nd and 3^d Generation Incentive Regulation Mechanisms* (“IRM
10 FAQ”), updated October 20, 2008, the Price Cap Index is to be applied to Low Voltage
11 charges. Therefore the calculated Price Cap Index from Sheet G1.1 of the 2009
12 Supplementary Model was entered on Sheet L3.1 of the 2009 Rate Model. Note that as
13 a result of rounding to four decimal places, the LV charges for the Residential, GS < 50
14 kW and UMSL classes have not changed, as shown in Table 3 below.

15
16 **Table 3 – Current and Proposed Low Voltage Charges**

Class	Current	As calculated by the Model	Proposed
Residential per kWh	\$0.0002	\$0.000202	\$0.0002
GS < 50 kW per kWh	\$0.0002	\$0.000202	\$0.0002
GS > 50 < 1500 kW per kW	\$0.0749	\$0.075634	\$0.0756
GS > 1500 kW per kW	\$0.0800	\$0.080784	\$0.0808
Large Use per kW	\$0.0901	\$0.090983	\$0.0910
Street Lighting per kW	\$0.0556	\$0.056145	\$0.0561
Sentinel Lighting per kW	\$0.0568	\$0.057357	\$0.0574
UMSL per kWh	\$0.0002	\$0.000202	\$0.0002

17
18
19
20
21



1 **7.0 TRANSMISSION RATES**

2
3 Hydro Ottawa has adjusted Retail Transmission Service Rates (“RTSRs”) to reflect
4 changes in the Ontario Uniform Transmission Rates (“UTRs”) as per Guideline G-2008-
5 0001 *Electricity Distribution Retail Transmission Service Rates*, (“Board’s Guideline 1”)
6 issued by the Board on October 22, 2008. Based on the Decision and Rate Order of the
7 Board in proceeding EB-2008-0113, the new UTRs are effective January 1, 2009 and
8 are shown in Table 4 below.
9

10 **Table 4 – Current and Approved Ontario Uniform Transmission Rates**

	Current per kW per month	Approved for January 1, 2009 per kW per month	Increase
Network Service Rate	\$2.31	\$2.57	11.255%
Line Connection Service Rate	\$0.59	\$0.70	18.644%
Transformation Connection Service Rate	\$1.61	\$1.62	0.621%
Line and Transformation Connection Service Rates combined	$=60.2\%*(0.00621) + 39.8\%*(0.18644) = 7.794\%$		

11
12 As directed in Section 6 of the Board’s Guideline 1, which outlines evidence to be filed in
13 support of a change in the RTSRs for IRM Applications, Hydro Ottawa has used Sheets
14 L1.1 and L2.1 of the Board’s 2009 3GIRM Rate Generator Model to adjust RSTRs by the
15 same percentages as the uniform transmission rates have been changed. Hydro Ottawa
16 has used a weighting of 60.2% for Transformation Connection and 39.8% for Line
17 Connection, based on 2007 actual charges, in determining the combined percentage
18 increase for Line and Transformation Connection Service Rates. Table 5 below shows
19 the results of applying an 11.255% and 7.794% increase to Hydro Ottawa’s 2008
20 approved Network Service Rates and Line and Transformation Connection Service
21 Rates respectively.
22
23



1 **Table 5 – Current and Proposed Retail Transmission Rates**

	Network Service Rate		Line and Transformation Connection Service Rate	
	Current	Proposed	Current	Proposed
Residential per kWh	\$0.0050	\$0.0056	\$0.0039	\$0.0042
GS < 50 kW per kWh	\$0.0046	\$0.0051	\$0.0036	\$0.0039
GS > 50 < 1500 kW per kW	\$1.8976	\$2.1112	\$1.4730	\$1.5878
GS > 1500 < 5000 kW per kW	\$1.9704	\$2.1922	\$1.5742	\$1.6969
Large Use per kW	\$2.1843	\$2.4301	\$1.7727	\$1.9109
Street lighting per kW	\$1.4008	\$1.5585	\$1.0943	\$1.1796
Sentinel lighting per kW	\$1.4079	\$1.5664	\$1.1171	\$1.2042
Unmetered Scattered Load per kWh	\$0.0046	\$0.0051	\$0.0036	\$0.0039

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

8.0 OTHER REGULATED CHARGES

As per the Board's Report, Hydro Ottawa has not applied for any changes in the Distribution Loss Factors, Transformer Ownership and Primary Metering Allowances, Specific Service Charges nor Retail Service Charges. The 2008 approved values for these charges have been entered on Sheets N3.1, P1.1, P2.1 and P3.1 of the 2009 Rate Model respectively.

As part of the 2008 EDR Application, Hydro Ottawa's Dry Core Transformer Charges were approved. Hydro Ottawa is not applying for any changes to these charges and although there was no place to include Dry Core Transformer Charges on Sheet P2.1 of the 2008 Rate Model, Hydro Ottawa has included them as part of Attachment G.



1 **9.0 NEW VARIANCE & DEFERRAL ACCOUNTS**

2

3 The Canadian Accounting Standards Board (“AcSB”) is requiring all publicly accountable
4 companies to transition from Canadian Generally Accepted Accounting Principles
5 (“GAAP”) to International Financial Reporting Standards (“IFRS”) in 2011. This includes
6 Hydro Ottawa and most Local Distribution Companies (“LDCs”) in the province.

7 The transition to IFRS will have a major impact on all aspects of Hydro Ottawa’s
8 operations and require significant incremental resources. For example, financial
9 accounting and reporting systems, business policies, procedures and processes,
10 engineering and regulatory operations will all be affected. Hydro Ottawa has already
11 begun preparations for conversion to IFRS and started to incur and track incremental
12 costs related to the project. No costs were included in Hydro Ottawa’s 2008 EDR
13 Application as the scope of the changes was still being determined.

14

15 Hydro Ottawa is therefore requesting that the establishment of a deferral account for
16 recording incremental costs related to the transition to IFRS be approved and that the
17 Board amend the Accounting Procedures Handbook (“APH”) so that such an account is
18 prescribed for all electric distribution utilities affected by this change. Hydro Ottawa will
19 demonstrate the prudence of these costs at the time of application for recovery of the
20 account.

21

22 Alternatively, Hydro Ottawa is aware of the request filed by the Electricity Distributors
23 Association (“EDA”) on October 15, 2008 to the Board to establish a deferral account for
24 all affected LDCs for the transition to IFRS. Hydro Ottawa is prepared to accept this
25 option in place of a utility specific account.

26

27 **10.0 PROPOSED RATE SCHEDULE AND BILL IMPACTS**

28

29 Attachment G shows the Proposed Rate Schedule incorporating the Price Cap
30 Adjustment, the tax sharing riders, changes to the Low Voltage Charges and



- 1 Transmission Rates and includes the LRAM rate riders calculated in Exhibit B-1-2 and
- 2 the Smart Meter Funding Adder calculated in Exhibit B-1-3.
- 3
- 4 Attachment H provides the Bill Impacts for each class as generated by the 2009 Rate
- 5 Model. The total bill impact for a residential customer using 1,000 kWh is 2.0%.



1 **LOST REVENUE ADJUSTMENT MECHANISM (“LRAM”)/SHARED SAVINGS**
2 **MECHANISM (“SSM”)**
3

4 **1.0 INTRODUCTION**
5

6 On May 31, 2004, the Ministry of Energy granted approval to all electricity distributors in
7 Ontario to apply to the Ontario Energy Board (the “Board”) for adjustments to their 2005
8 distribution rates that would enable them to recover the 3rd tranche of their incremental
9 market adjusted revenue requirement, on the condition that the funds be reinvested in
10 Conservation and Demand Management (“CDM”) programs. On February 3, 2005
11 Hydro Ottawa received a Decision for its CDM plan of \$9,279k, as submitted for the
12 Board’s review in the application dated November 4, 2004 and amended on December
13 6, 2004. The funds were to be spent by September 30, 2007.
14

15 On December 13, 2006, Hydro Ottawa received approval to reallocate part of its budget
16 between program areas and was granted an extension of time to September 30, 2008 to
17 spend the funds approved for the Commercial, Industrial & Institutional (>50kW)
18 programs. On September 26, 2007, Hydro Ottawa was granted a further extension to
19 the completion date for 3rd tranche Distributed Energy CDM activities to September 30,
20 2008. All of the 3rd tranche funds have been committed as of September 30, 2008.
21

22 Hydro Ottawa did not apply for further CDM funding through distribution rates as part of
23 the 2006, 2007 and 2008 Rate Applications. In 2007 and 2008, Hydro Ottawa has
24 received CDM funding from the Ontario Power Authority (the “OPA”).
25

26 **2.0 2008 LRAM/SSM RIDERS**
27

28 Hydro Ottawa spent \$6.9M on CDM in 2005 and 2006 and sought approval for the
29 recovery of 2005 and 2006 LRAM and SSM amounts totalling \$1,379k, as part of the
30 2008 Electricity Distribution Rate (“EDR”) Application. Recovery of this amount (minus



1 \$7k which was considered immaterial for the GS < 50 kW class), through the riders
2 shown in Table 1 below, was accepted by the Board on January 24, 2008.

3
4

Table 1 – Current LRAM/SSM Recovery Rate Riders

Class	Volumetric Rate Rider
Residential per kWh	\$0.0006
General Service 50 to 1,499 kW per kW	\$0.0010
General Service 1,500 to 4,999 kW per kW	\$0.0007

5

6 These LRAM/SSM riders are in effect until April 30th, 2009 and have been entered into
7 the 2009 Rate Model on Sheet C2.1.

8

9 Hydro Ottawa has used the same assumptions and followed the same methodologies
10 that were used in the 2008 EDR Application, when preparing this 2009 LRAM/SSM
11 application. In addition, Hydro Ottawa has retained the services of an independent third
12 party to review the inputs and results.

13

14 **3.0 2009 LRAM/SSM RIDERS**

15

16 In preparing this request for recovery of LRAM and SSM, Hydro Ottawa has relied on the
17 Board's *Guidelines for Electricity Distributor Conservation and Demand Management*
18 issued on March 28, 2008 (the "Board's Guidelines"). Hydro Ottawa has also followed
19 the Board's September 11, 2007 Decision and Order related to Toronto Hydro-Electric
20 System Limited's LRAM/SSM application (the "Toronto Hydro Decision") granting
21 approval and recovery of amounts related to CDM activities (EB-2007-0096).

22

23 The purpose of the 2009 LRAM/SSM riders would be to recover lost distribution revenue
24 in 2007 due to 2005, 2006 and 2007 CDM programs funded from 3rd tranche funding and
25 to receive SSM for 2007 CDM programs. The SSM related to 2005 and 2006 3rd tranche
26 funded CDM programs was recovered as part of the 2008 LRAM/SSM Rider. Hydro
27 Ottawa also delivered OPA funded programs during 2007. As per the Board's



1 Guidelines, LRAM is available regardless of whether the programs are funded by the
2 OPA or through distribution rates. However, Hydro Ottawa has not received final results
3 from the OPA for 2007 programs and therefore is not able to apply for the related LRAM
4 at this time. Hydro Ottawa intends to apply for the 2007 LRAM associated with 2007
5 OPA programs in 2009.

7 **4.0 2005 and 2006 PROGRAMS FOR 2007 LRAM**

8
9 For the 2007 LRAM resulting from 2005 and 2006 programs, Hydro Ottawa has
10 calculated the energy savings by customer class and valued these savings using the
11 appropriate variable distribution charge (per kWh or kW, as applicable), not including any
12 Regulatory Asset Recovery rate rider or previous LRAM/SSM rate rider. Recovery is to
13 be based on a volumetric rate rider commencing May 1, 2009 for a period of one year.

14
15 Table 2 below outlines the 2005 and 2006 programs for which Hydro Ottawa will be
16 seeking recovery for 2007 LRAM. The Distribution Loss Reduction and Smart Meter
17 pilot programs have not been included, as these expenditures have been included in
18 Hydro Ottawa's rate base. Also summarized in Table 2 are the participation levels for
19 each program and information related to verifying the participation levels. Further
20 information on each of the programs can be found in Attachment D and in Hydro
21 Ottawa's Conservation and Demand Management 2005 and 2006 Annual Reports,
22 which are posted on the Board's website at:

23 <http://www.oeb.gov.on.ca/documents/cases/RP-2004->

24 [0203/annualreports/hydroottawa.pdf](http://www.oeb.gov.on.ca/documents/cases/RP-2004-0203/2006-) and

25 <http://www.oeb.gov.on.ca/documents/cases/RP-2004-0203/2006->

26 [annualreports/hydroottawa.pdf](http://www.oeb.gov.on.ca/documents/cases/RP-2004-0203/2006-)

27
28 Hydro Ottawa has used the inputs and assumptions for those measures listed in the
29 Total Resource Cost Guide issued by the Board on March 28, 2008 ("the TRC Guide"),
30 except in the following cases for free ridership levels:



- 1 • The Electric Avenue program was a social housing pilot program aimed at
2 exploring the use of electric thermal storage units. These units are
3 relatively new in the Ontario market and their Total Resource Cost
4 ("TRC") cost effectiveness is marginal. Given that the application in this
5 case is the social housing sector, Hydro Ottawa felt it unlikely that any
6 units would naturally penetrate this market without funding and related
7 support. As such, Hydro Ottawa assumed a 0% free rider rate for this
8 program. In EB-2007-0096, the Board ruled that until there is further
9 research-based evidence, Toronto Hydro should use a 1% free rider rate
10 for its Social Housing program. This ruling supports the notion that the
11 social housing market likely has a much lower free rider rate than other
12 sectors of the economy. In combination with the unique nature of the
13 electric thermal storage units, Hydro Ottawa believes that a 0% free rider
14 rate is appropriate in this case.
- 15 • For the Social Housing programs, Hydro Ottawa has applied the 1% free
16 ridership rate approved for Toronto Hydro in EB-2007-0096.

17

18 An effectiveness factor of one was used for each of these programs, as they all started
19 in either 2005 or 2006 and have not reached the end of their useful life. Table 3 below
20 summarizes the gross and net kWh and kW saved in 2007 for each program.



1
 2

Table 2 – 2005 and 2006 CDM Programs Eligible for 2007 LRAM

Programs	Participation	Method of Verification
Residential and Small Commercial (<50kW)		
Co-Branded Mass Market	33,925-coupons redeemed 3,065-CFLs Spring Retail Fall Retail	SeeLine Group Ltd. Report, February 2006 CFL Invoices Spring 2006 Every Kilowatt Counts Report, prepared by Mearie Management Inc. Fall 2006 Every Kilowatt Counts Report, prepared by Energy Shop Inc.
Electric Avenue	10-Electric Thermal Storage Units 70-Water Heater Measures & CFLs	EnviroCentre Invoices EnviroCentre Invoices and CFL Invoices
Energy Audit Support and Incentives	338-measures from Power Wise Tune-ups 17-Audits 3,670-measures from Cool Shops 220,050-Project Porchlight (CFLs) 91-Direct Energy ECM & A/C 2,591-Room A/C Retirement (259 not working) 3,400-Seasonal LED Light Strings (SLED) Exchanged	EnviroCentre Invoices EnviroCentre Invoices 2005 and 2006 Cool Shops Final Reports, prepared by Clean Air Foundation Project Porchlight Final Report prepared by OneChange List of Participating Customers, Keep Cool Final Report 2006, prepared by CleanAir Foundation SLED Invoices
Fridge and Freezer Bounty	3,581-Fridge Retirement 1,492-Freezer Retirement 7,692-measures from PowerWISE Power packs	Invoices from Fred Guy Moving and Storage and 1-800-GOT-JUNK Invoices from Fred Guy Moving and Storage and 1-800-GOT-JUNK CFL Invoices
Residential Load Control	1,315-Programable thermostats	Invoices from Honeywell
Social Housing	1,225-measures from Low Income Tune-ups 3,836-measures from PowerPlay Audits	EnviroCentre Invoices EnviroCentre Invoices
Overall Program Support	29,500-CFLs 930-SLED Light Strings	CFL Invoices SLED Invoices
Commercial, Industrial and Institutional (>50kW)		
Leveraging Energy Conservation and Load Management	5,444 Lamp Fixtures 26 - Prescriptive Projects 1- Custom Application 2006	Participants' Incentive Application Approval Participants' Incentive Application Approval Participant Incentive Application Approval



1
 2

Table 3 – Gross and Net kWhs/kWs Saved

Program	2005 Contribution				2006 Contribution				2005, 2006 Ongoing Total for 2007	
	Gross kWh	Net kWh	Gross kW	Net kW	Gross kWh	Net kWh	Gross kW	Net kW	Effective Net kWh	Effective Net kW
Residential and Small Commercial	3,932,814	3,597,806	314.91	286.63	56,532,635	50,936,023	3,849.91	3,501.52	54,533,829	3,788.16
Co-Branded Mass Markets	3,035,481	2,775,870	128.88	117.16	24,278,008	21,850,207	244.33	222.12	24,626,077	339.28
Residential Load Control	0	0	0	0	207,104	188,276	211	192.10	188,276	192.10
Energy Audit and Support	138,898	126,924	26.2	23.87	25,714,131	23,146,463	2,267.84	2061.59	23,273,387	2,085.46
Fridge Bounty	690,228	627,480	156.6	142.36	5,768,009	5,191,208	1,109.45	1008.59	5,818,688	1,150.95
Electric Avenue	0	0	0	0	13,941	13,941	0.73	0.73	13,941	0.73
Social Housing	68,207	67,532	3.23	3.243	551,442	545,927	16.56	16.39	613,459	19.63
Commercial Industrial and Institutional	431,165	391,968	91.62	83.29	3,565,762	3,085,910	696.95	633.59	3,477,878	716.88
Leveraging Energy Conservation and Load Management	431,165	391,968	91.62	83.29	3,565,762	3,085,910	696.95	633.59	3,477,878	716.88
Overall Support Program (included CFL lights and SLEDs in 2005)	3,175,016	2,886,668	0	0	27,556	26,084	0	0	2,912,752	0.00
Annual Total	7,538,995	6,876,441	406.53	369.92	60,125,953	54,048,017	4,546.88	4,135.11	60,924,459	4,505.03

3



1 **5.0 2007 PROGRAMS**

2
3 Attachment E outlines the 2007 programs for which Hydro Ottawa is eligible to seek
4 recovery of 2007 LRAM and SSM, including participant levels, life of the measure,
5 savings and the source of these inputs. Further details on each of the programs can be
6 found in Hydro Ottawa's Conservation and Demand Management 2007 Annual Report,
7 which is posted on the Board's website at:

8 [http://www.oeb.gov.on.ca/OEB/ Documents/RP-2004-](http://www.oeb.gov.on.ca/OEB/Documents/RP-2004-0203/2007_annual_report_hydroottawa.pdf)
9 [0203/2007_annual_report_hydroottawa.pdf](http://www.oeb.gov.on.ca/OEB/Documents/RP-2004-0203/2007_annual_report_hydroottawa.pdf)

10
11 There are a number of small differences between the 2007 Annual Report and the
12 information provided in Attachment E and used to calculate the LRAM and SSM. They
13 are as follows:

- 14 • The TRC for Seasonal Lights ("SLEDs") reported in the Annual Report was
15 completed using a free ridership level of 10%; it should have been 5% as per the
16 Board's TRC Guide.
- 17 • For the Leveraging Energy Conservation and Load Management for Commercial
18 > 50 kW, the Equipment Costs of \$816,620 were inadvertently omitted from
19 Appendix A and C of the Annual Report. Appendix B is correct.

20
21 **5.1 SSM**

22 The SSM calculation for 2007 programs was prepared in accordance with the Board's
23 Guidelines and the Toronto Hydro Decision, which directed that the SSM amount should
24 not be grossed up for taxes.

25
26 As per the Guidelines, SSM is based on 5% of the net benefits as calculated using the
27 TRC test. The SSM was only applied to customer-focused initiatives that reduce the
28 demand for electricity and/or reduce the amount of energy used and only where the
29 costs of the initiatives are expensed. Table 5 summarizes the TRCs for those programs
30 that are eligible for SSM treatment, as reported in Hydro Ottawa's 2007 Annual Report.



Table 5– SSM

Program	Net TRC Results \$	SSM (5%) \$
Residential		
Co-Branded Mass Market	(113,687)	(5,684)
Electric Avenue	(16,799)	(840)
Energy Audit Support and Incentives	234,780	11,739
Fridge and Freezer Bounty	223,170	11,159
Residential Load Control	(57,261)	(2,863)
Social Housing	69,101	3,455
Low Income Electricity Tune-ups	98,131	4,907
Commercial, Industrial and Institutional (>50kW)		
Leveraging Energy Conservation & Load Management	(281,354)	(14,068)
Total	\$156,082	\$7,804

As can be seen above, the net TRC for some of the programs is negative. This is the result of some programs, such as Co-Branded Mass Market, being primarily educational without having measurable results. In the case of the Leveraging Energy Conservation & Load Management programs, the negative net TRC is in part due to customer awareness programs with no benefits, development costs for the PowerWISE Business Incentive Program and incremental customer costs beyond expectations. Hydro Ottawa has decided not to claim the SSM for 2007 programs, as the total amount is not material.

5.2 LRAM

Table 6 below shows the derivation of the rates to be used in calculating the 2007 LRAM and Table 7 summarizes the calculation of the 2007 LRAM.

Table 6 – LRAM Rates

Class	May 1, 2006 Variable Distribution Rate	May 1, 2007 Variable Distribution Rate	Blended Rate (4/12 + 8/12)
Residential /kWh	\$0.0182	\$0.0183	\$0.01827
GS < 50 kW /kWh	\$0.0179	\$0.0180	\$0.01797
GS > 50 < 1500 kW /kW	\$2.5354	\$2.5463	\$2.54267
GS > 1500 kW /kW	\$2.3257	\$2.3357	\$2.33237



1

Table 7 – Calculation of LRAM

	2007 kWhs from 2005 and 2006 programs	2007 kWhs from 2007 programs	Total \$
Residential Class			
Co-Branded Mass Market	24,626,077	0	
Electric Avenue	13,941	0	
Energy Audit Support and Incentives	22,896,066	453,614	
Fridge and Freezer Bounty	5,818,688	803,850	
Residential Load Control	188,276	40,396	
Social Housing	613,459	228,479	
Overall Program Support	2,912,752	0	
Sub Total	57,069,260	1,526,339	\$1,070,541
General Service <50kW Class			
Energy Audit Support and Incentives	377,321	0	\$6,780
	2007 kW from 2005 and 2006 programs	2007 kW from 2007 programs	Total \$
Commercial, Industrial and Institutional (>50 <1,500 kW)			
Leveraging Energy Conservation & Load Management	7,312	4,884	\$31,010
Commercial, Industrial and Institutional (>1,500 <5,000 kW)			
Leveraging Energy Conservation & Load Management	1,290	19	\$3,053
Total			\$1,111,384

2

3 **6.0 CALCULATION OF RATE RIDERS**

4

5 Hydro Ottawa proposes that the \$1,111,384 for LRAM be recovered from the rate
 6 class(es), which benefited from the CDM programs, through a variable distribution rate
 7 rider applicable to the class for a period of one year starting May 1, 2009. 2008
 8 approved billing determinants have been used to determine the rate riders. Note that
 9 the use of forecasted 2009 billing determinates would result in the same rate riders for
 10 the Residential and GS < 50 kW classes and only a minor decrease in the rate riders of



1 the two GS > 50 kW classes. However, since this forecast has not been previously
 2 reviewed by the Board, the 2008 Board approved billing determinants have been used.

3

4 6.1 Carrying Charges

5 In the Toronto Hydro Decision, the Board found that Toronto Hydro was entitled to
 6 carrying charges on the LRAM balances. Hydro Ottawa has calculated carrying charges
 7 to April 30, 2009 as follows: interest has been applied to the ending balance of the 2007
 8 LRAM for one half on 2007, all of 2008 and one third on 2009. The calculation of the
 9 carrying costs used the Board's prescribed interest rates for Q4 2007 – Q4 2008 as
 10 shown in Table 8 below.

11

12

Table 8 – Board's Prescribed Interest Rates

Q4 2007	Q1 2008	Q2 2008	Q3 2008	Q4 2008	Q1 2009	Total
5.14%	5.14%	4.08%	3.35%	3.35%	3.35%	
\$28,563	\$14,281	\$11,336	\$9,308	\$9,308	\$12,410	\$85,206

13

14 The resulting rate riders are shown in Table 9 below.

15

16

Table 9 – LRAM Rate Riders

Class	LRAM \$	Carrying Charges \$	TOTAL \$	2008 Approved Billing Determinants	Rate Rider
Residential /kWh	1,070,541	82,075	1,152,616	2,261,678,461	\$0.0005
GS<50 kW /kWh	6,780	520	7,300	774,937,986	\$0.00001
GS>50 < 1500 kW /kW	31,010	2,377	33,387	7,373,411	\$0.0045
GS > 1500 < 5000 kW /kW	3,053	234	3,287	1,757,833	\$0.0019
Total	\$1,111,384	\$85,206	\$1,196,590		

17

18 Hydro Ottawa is requesting approval for a LRAM volumetric rate rider of \$0.0005/kWh
 19 for the Residential class, \$0.0045/kW for the GS >50 < 1,500 kW and \$0.0019/kW for
 20 the GS > 1,500 < 5,000 kW class. As the rate rider for the GS < 50 kW class is not



1 significant (5th decimal places), Hydro Ottawa has chosen not to apply for approval. Bill
2 impacts of the rate riders for the affected classed are included in Attachment H.

3 4 **7.0 THIRD PARTY VERIFICATION**

5
6 Section 7.5 of the Board's Guidelines requires that distributors should engage an
7 independent third party to review the program evaluations prepared for the purposes of
8 LRAM and SSM claims filed with the Board. The Guidelines state "This independent
9 third party review applies to LRAM and SSM claims made in relation to programs funded
10 in 2007 and beyond." Although Hydro Ottawa's LRAM claim is for programs that were
11 funded before 2007 and therefore a third party evaluation is not a requirement, it was
12 considered prudent to engage the services of Elenchus Research Associates ("ERA")
13 Inc. to perform a review. Helen Platis, Vice President, ERA Inc., provided the following
14 Auditor's note on November 3, 2008:

15 Hydro Ottawa is currently preparing a Lost Revenue Adjustment Mechanism
16 (LRAM) and Shared Savings Mechanism (SSM) application to the Ontario
17 Energy Board (OEB) based upon the performance of 2005, 2006 and 2007
18 Conservation and Demand Management (CDM) programs. All of these programs
19 are made available through the OEB third tranche funding, and although an
20 independent audit of the results is not mandatory, Hydro Ottawa considered it
21 prudent to include an independent third party opinion as part of this application
22 .

23 ERA was retained by Hydro Ottawa to conduct an independent third party review
24 and audit of this LRAM/SSM application consistent with the established OEB
25 guidelines. As part of this process, ERA examined program input assumptions, to
26 ensure accuracy of results or identify and explain any inconsistencies. This
27 included review of consultant studies and custom evaluations. ERA verified
28 participation levels by reviewing program documentation including internal
29 tracking documents and third party invoices. Finally, ERA examined TRC input
30 and output assumptions to confirm that the values used are consistent with the
31 Inputs and Assumptions for Calculating Total Resource Cost, March 28, 2008,
32 posted on the OEB website. The audit summary was presented in the form of
33 LRAM and SSM spreadsheets that trace all input and output assumptions, their
34 origin and their validity.

35
36 Overall, the audit identified the majority of input and output assumptions are
37 consistent with published sources and that accurate documentation exists to
38 support the proposed submissions. The audit team identified a few minor
39 discrepancies (specifically free rider rates that were higher than recommended).
40 These have been modified and included in the updated analysis. New TRC



- 1 analysis was conducted, reflecting the correct values, and as a result there are
- 2 minor differences in the net impact as presented in the 2007 CDM Annual report.
- 3 All input assumptions are now consistent with published sources.
- 4
- 5 A final audit report from ERA Inc. will be available by year-end 2008.



1 **SMART METERS**

2
3 **1.0 INTRODUCTION**

4
5 Hydro Ottawa has followed the Board's Guideline G-2008-0002 for *Smart Meter Funding and*
6 *Cost Recovery* ("Board's Guideline 2") in this application for a Smart Meter Funding Adder for
7 2009. Hydro Ottawa is one of the 'named' distributors in paragraphs 3 and 5 of section 1(1) of
8 O. Reg. 427/06 and is requesting a utility-specific Smart Meter Funding Adder.

9
10 As part of the Board's accepted Settlement Proposal (Issue 6.1), Hydro Ottawa's Smart Meter
11 capital expenditures up to April 30, 2007 were included in rate base, with subsequent Smart
12 Meter expenditures funded through a rate adder. Hydro Ottawa's current approved Smart
13 Meter funding adder of \$1.14 per metered customer has been removed from the monthly fixed
14 service charge as per the Board's instructions before the Price Cap Index was applied.

15
16 This application for a revised funding adder is consistent with the Board's Decisions resulting
17 from the Combined Proceeding related to Smart Meters (EB-2007-0063).

18
19 **2.0 SMART METER PROGRAM**

20
21 Hydro Ottawa's implementation of the Province's Smart Meter Initiative ("SMI") remains on
22 track. As of October 10, 2008, Smart Meters have been installed for 240,889 Residential and
23 General Service ("GS") < 50 kW customers and 1,015 GS > 50 kW customers. This
24 represents 82% of the total five-year objective. This significant accomplishment was achieved
25 in less than 26 months. Table 1 illustrates the actual results to October 10, 2008 and the 2009
26 forecasted deployment for the five-year initiative. Table 2 breaks out the forecasted 2009
27 installations by month.



1
2
3
4
5
6
7
8
9
10
11
12

Table 1 – Actual/Forecast of Smart Meters Installations

	Total Customers at Dec. 31, 2010 requiring Smart Meters	Actual Meters installed to October 10, 2008	%	Forecasted Meters to be installed in 2009
Residential and GS < 50 kW classes	293,021	240,889	82	38,527
G.S.> 50kW without Interval Meters	2,688	1,015	38	1,673
Total	295,709	242,119	82	40,200

Table 2 – Meters to be Installed in 2009

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Residential and GS < 50 kW classes	3,211	3,211	3,211	3,211	3,211	3,211	3,211	3,211	3,211	3,211	3,211	3,206	38,527
G.S.> 50kW without Interval Meters	140	140	140	140	140	140	140	140	140	140	140	133	1,673
Total	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,339	40,200



1 Hydro Ottawa continues to find efficiencies in the implementation costs of the advanced
2 metering infrastructure (“AMI”). By working closely with vendors and members of the Coalition
3 of Large Distributors (“CLD”), preferential and volume pricing opportunities are being
4 maximized. However, many unknown factors remain that will or may have an upward impact
5 on costs in 2009 and beyond. These include:

- 6
- 7 • Meter Data Management/Repository (“MDM/R”) integration costs,
- 8 • Increased meter installation costs in older, indoor locations,
- 9 • Potential requirement for additional AMI technology to address rural and/or locations
10 with poor radio frequency communications characteristics, and
- 11 • Transaction costs with the MDM/R.

12

13 **3.0 CAPITAL EXPENDITURES**

14

15 Table 3 provides the 2006 and 2007 Actual, 2008 Forecasted and 2009 Budgeted capital
16 expenditures for Smart Meters.

17

18 **Table 3 – Capital Spending by Calendar Year (\$000)**

	2006 Actual¹	2007 Actual¹	2008 Forecast	2009 Budget
Total	\$16,376	\$10,864	\$14,796	\$8,043

19

20 Hydro Ottawa’s plan has been to have a large portion of the meters converted by the time that
21 Time-of-Use (“TOU”) billing is implemented; therefore, the capital expenditures are higher in
22 the first three years of the implementation than in subsequent years. Furthermore, the strategy
23 has been to complete the installations for all of the newer parts of the service area first where

¹ Does not include work on customer-owned equipment. Per the Board’s Decision as part of Proceeding EB-2007-0063, the actual capital spending for 2006 was reduced by \$2,896,862 to reflect meter credits in 2007. This amount therefore shifted from the 2006 to 2007 capital expenditures for the purposes of Smart Meter funding.



1 there are few inside meters or meter bases requiring modifications. Now that work has
2 transitioned to the older neighbourhoods, the pace of implementation has slowed.

3

4 Hydro Ottawa planned capital expenditures for 2009 include the following:

5	- Residential and GS < 50 kW classes	\$6,172,503
6	- GS > 50 kW class	\$1,270,837
7	- MDM/R Integration	\$500,924
8	- SM TOU Web Enhancements	<u>\$98,550</u>
9	Total	\$8,042,814

10

11 Tables 4 and 5 below set out the proposed total and per meter capital expenditures for 2009
12 by month and type of expenditure. Note the average per meter cost for the Residential and
13 GS < 50 kW classes is \$160 which is higher than the reported \$135.58 from EB-2007-0063.
14 This higher cost is a result of the increased cost for collectors, which are now being deployed
15 and higher installation costs for harder to install locations. These increases have been
16 partially offset by a lower capital cost for the meters from 2008 onwards.



1 **Table 4 – 2009 Capital Expenditures and OM&A per month (\$000)**

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Residential and GS < 50 kW classes	515	515	515	515	515	515	515	515	515	515	515	508	6,173
GS > 50 kW class	106	106	106	106	106	106	106	106	106	106	106	105	1,271
MDM/R Integration	61.9	61.9	61.9	61.9	61.9	61.9	21.6	21.6	21.6	21.6	21.6	21.6	501
SM TOU Web Enhancement	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.4	98.6
OM&A	129.7	125.8	139.7	143	139.9	224.5	129.1	128.4	120.1	271.5	333.1	449.8	2,335

2
 3 **Table 5 – 2009 Capital Expenditures and OM&A per month per meter (\$)**

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Residential and GS < 50 kW class	160	160	160	160	160	160	160	160	160	160	160	159	160
GS > 50 kW class	760	760	760	760	760	760	760	760	760	760	760	790	760
MDM/R Integration	18	18	18	18	18	18	6	6	6	6	6	6	12
SM TOU Web Enhancement	2	2	2	2	2	2	2	2	2	2	2	2	2
OM&A	39	38	42	43	42	67	39	38	36	81	99	134	58



1 **4.0 OPERATIONS, MAINTENANCE AND ADMINISTRATION (“OM&A”)**

2
3 In the later part of 2009, Hydro Ottawa expects to begin the transition to TOU billing. This is
4 an extremely significant change for our customers and the employees charged with supporting
5 the ‘meter to cash’ and customer functions. As such, additional resources and effort will be
6 assigned to manage this change. In addition, operating and maintaining the AMI is a new
7 accountability for LDCs. New skills and resources are required to ensure the accuracy and
8 timeliness of the daily collection of over seven million meter readings and to manage effective
9 interactions between Hydro Ottawa’s AMI, Customer Information System and the provincial
10 MDM/R.

11
12 Table 6 summarizes the OM&A costs for the calendar year 2009.

13
14 **Table 6 – Operating Expenses for the 2009 Calendar Year**

Labour and benefits	\$757,882
Outside services	298,000
Training / Change Management Cost	461,500
Miscellaneous Administration	64,500
Data Communications	430,420
Media Communications	360,000
IT maintenance contracts/software	301,000
Allocations to Capital	(338,722)
Total	\$2,334,581

15
16 The OM&A from Table 6 does not include any OM&A costs related to transaction costs or
17 regular fees for the use of the provincial MDM/R because these costs/fees are not yet known.

18
19 **5.0 EXPENDITURES BEYOND MINIMUM FUNCTIONALITY**

20
21 Included within the total capital spending for 2009 of \$8,042,814 is \$1,270,837 to install 1,673
22 Smart Meters for customers without interval meters in the GS > 50 < 1,500 kW class in 2009.
23 There are no incremental OM&A expenses related to these meters. These meters exceed the



1 minimum functionality adopted in O. Reg. 425/06, which includes only “residential and small
2 general service consumers” where the metering of demand is not required.

3
4 In Section 9.2 of Hydro Ottawa’s Evidence in the Combined Smart Meter Proceeding, EB-
5 2007-0063, a detailed rationale was provided to support the installation of Smart Meters for
6 customers in the GS > 50 kW < 1,500 kW class.

7
8 On September 21, 2007, in the Board’s Decision related to Hydro Ottawa’s Motion to review
9 and vary certain aspects of the Decision and Order in EB-2007-0063 dated August 8, 2007,
10 the Board found that the costs related to Hydro Ottawa’s installation of commercial demand
11 meters were prudent.² Hydro Ottawa’s inclusion of similar capital expenditures in the
12 determination of the 2009 Smart Meter funding adder is completely consistent with this
13 Decision.

14
15 Hydro Ottawa has not and does not expect to incur costs associated with functions for which
16 the Smart Meter Entity (“SME”) has the exclusive authority to carry out, pursuant to O. Reg.
17 393/07.

18 19 **6.0 FUNDING ADDER**

20
21 Based on the actual capital additions from May 1, 2007 to date and forecasted capital
22 additions for the remainder of 2008 and 2009 calendar year and the forecasted OM&A for the
23 2009 calendar year, the revenue requirement for 2009 was calculated using the Smart Meter
24 Funding Adder Model (the “SM Model”) included as Attachment F. Capital additions represent
25 2009 capital expenditures plus 2008 Construction Work in Progress (“CIP”) minus the 2009
26 forecast CIP. The resultant Revenue Requirement of \$6,465,494 would result in a funding
27 adder of \$1.84 per month per metered customer.

28

² EB-2007-0748, Decision and Order, page 4 “The Board found that the cost of the purchases set out in paragraph 17 of Hydro Ottawa’s motion related to 328 commercial meters to be prudent.”



1 Hydro Ottawa has forecasted the combined balances in the Smart Meter variance accounts
2 1555 and 1556. Not including the costs of stranded meters, it is expected that the combined
3 balances will be negative at April 30, 2009 when the new funding adder will be implemented.
4 Therefore, Hydro Ottawa is proposing to reduce the Revenue Requirement for 2009 by
5 \$533,873, which will result in a forecasted balance in the Smart Meter variance accounts of
6 zero as of April 30, 2010, excluding the costs of stranded meters. This results in a Smart
7 Meter Funding Adder of \$1.68 per month per metered customer. This reduction results from a
8 combination of the forecasted variance balance at April 30, 2009 and the forecasted
9 expenditures for January 1, 2010 to April 30, 2010.

10
11 In the Board's Guideline 2, it is expected that only two applications will need to be made to
12 clear the balances in the Smart Meter variance accounts. Hydro Ottawa has yet to clear these
13 balances. Hydro Ottawa's Smart Meter costs to April 30, 2007 were approved as part of the
14 Combined Proceeding and the capital included in the approved rate base as part of the 2008
15 EDR Application. Since there would only be an additional eight months of spending to the
16 2007 audited results, Hydro Ottawa is not proposing to clear the Smart Meter variance
17 accounts at this time. The intent is to clear the variance account balances when 2008 audited
18 figures are available and then for the second and final time when 100% of the meters have
19 been installed.

20 21 **7.0 STRANDED METERS**

22
23 As part of the 2008 EDR Application, the Board accepted the Settlement Proposal for Issue
24 3.3 in which the depreciation for conventional meters was accelerated over a six year period
25 in order to recover the cost of the meters stranded by the installation of Smart Meters.
26 Therefore, the requested Smart Meter Funding Adder does not include any revenue related to
27 stranded meters.



EB-2007-0713

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

AND IN THE MATTER OF an Application by Hydro Ottawa
Limited pursuant to section 78 of the Ontario Energy Board
Act seeking approval to amend electricity distribution rates.

BEFORE: Paul Vlahos
Presiding Member

Bill Rupert
Member

RATE ORDER

Hydro Ottawa Limited (“Hydro Ottawa” or “the Company”) is a licensed distributor of electricity providing service to consumers within its licensed service area. On September 19, 2007 Hydro Ottawa filed an application with the Ontario Energy Board (the “Board”) for an order or orders approving or fixing just and reasonable rates for the distribution of electricity and other charges, to be effective May 1, 2008.

The Board assigned file number EB-2007-0713 to the application and issued a Notice of Application and Hearing on October 5, 2007. Consumers Council of Canada (“CCC”), Energy Probe Research Foundation (“Energy Probe”), PowerStream Inc., School Energy Coalition (“SEC”), and Vulnerable Energy Consumers Coalition (“VECC”) requested and were granted intervenor status. Carleton Condominium Corporation was granted observer status.

In addition to requesting new rates effective May 1, 2008, Hydro Ottawa requested that the Board declare its current rates to be interim effective January 1, 2008 and to consider, as part of this proceeding, whether to allow recovery from customers of any revenue deficiency for the four-month period January 1, 2008 to April 30, 2008. On January 10, 2008 the Board issued a decision denying Hydro Ottawa's request.

On January 23, 2008, Hydro Ottawa filed a Settlement Proposal that had been developed and agreed to by the Company and active intervenors (CCC, Energy Probe, SEC, and VECC). Except for three issues, the parties reached full settlement on all issues. The proposal was presented at a settlement hearing on January 24, 2008 and was accepted by the Board as filed, subject to the addition of some clarifying language for one issue and correction of a few clerical errors.

Two of three issues on which the parties were not able to achieve full settlement (Issues 4.2 and 8.4) related to Hydro Ottawa's request that it be permitted to establish a deferral account for what it describes as the "revenue deficiency" for the four-month period from January 1, 2008 to April 30, 2008. At the January 24, 2008 hearing dealing with the settlement proposal, the Board requested written submissions from the Company, intervenors, and Board staff on those two issues.

The third issue that was not fully settled (Issue 3.4) related to Hydro Ottawa's proposed change in its accounting policy for capitalization of overhead costs. SEC was the only intervenor to disagree with the Company's proposal. The Board conducted an oral hearing on this issue on February 4, 2008.

The Board's decision regarding the outstanding issues was issued on March 17, 2008. The Decision included a copy of the approved Settlement Proposal. In the Decision, the Board ordered Hydro Ottawa to file a Draft Rate Order reflecting the Board's findings. The Board indicated that it expected Hydro Ottawa to file detailed supporting material, including all relevant calculations showing the impact of this Decision on the Company's proposed revenue requirement, the allocation of the approved revenue requirement to the classes and the determination of the final rates.

Hydro Ottawa filed a draft Rate Order on March 31, 2008. The intervenors in this proceeding had the opportunity to file comments within 6 days from the date of the filing of the Draft Rate Order. The Board received a letter from VECC indicating that it had no comments on the Draft Rate Order. Board staff issued comments on the draft Rate Order and asked for further information on rate base, capital expenditures, working capital allowance, smart meters, revenue to cost ratios, determination of monthly service charges and determination of the final rate schedules.

Hydro Ottawa provided the additional information requested on April 9, 2008.

The Board has reviewed the information provided and the proposed Tariff of Rates and Charges and is satisfied that the document accurately reflects the Board's Decision.

For completeness of the regulated charges, the Board has included in the Tariff of Rates and Charges, the charges pertaining to services provided to retailers or consumers regarding the supply of competitive electricity, which are referenced in Chapter 12 of the 2006 Electricity Distribution Rate Handbook.

THE BOARD ORDERS THAT:

1. The Tariff of Rates and Charges set out in Appendix "A" of this Rate Order is approved, effective May 1, 2008, for electricity consumed or estimated to have been consumed on and after May 1, 2008.
2. The Tariff of Rates and Charges set out in Appendix "A" of this Order supersedes all previous distribution rate schedules approved by the Ontario Energy Board for Hydro Ottawa Limited and is final in all respects, except for the Standby Power rates which are approved as interim.

3. Hydro Ottawa Limited shall notify its customers of the rate changes no later than with the first bill reflecting the new rates.

DATED at Toronto, April 23, 2008.

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli
Board Secretary

Appendix “A”

**To The Rate Order Arising from Decision
EB-2007-0713
Hydro Ottawa Limited**

April 23, 2008

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

APPLICATION

- The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Codes, Guidelines or Orders 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, Guideline or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.
- This schedule does not contain any rates and charges relating to the electricity commodity (e.g. the Regulated Price Plan).

EFFECTIVE DATES

DISTRIBUTION RATES - May 1, 2008 for all consumption or deemed consumption services used on or after that date.
SPECIFIC SERVICE CHARGES - May 1, 2008 for all charges incurred by customers on or after that date.
RETAIL SERVICE CHARGES – May 1, 2008 for all charges incurred by retailers or customers on or after that date.
LOSS FACTOR ADJUSTMENT – May 1, 2008 unless the distributor is not capable of prorating changed loss factors jointly with distribution rates. In that case, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

SERVICE CLASSIFICATIONS

Residential

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately 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.

General Service Less Than 50 kW

This classification refers to non residential accounts taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW.

General Service 50 to 1,499 kW

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 kW.

General Service 1,500 to 4,999 kW

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less than 5,000 kW.

Large Use

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW.

Unmetered Scattered Load

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

Standby Power

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service.

Sentinel Lighting

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light.

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

Street Lighting

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template.

MONTHLY RATES AND CHARGES

Residential

Service Charge	\$	9.54
Distribution Volumetric Rate	\$/kWh	0.0205
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2009	\$/kWh	0.0006
Deferral Account Rate Rider – effective until April 30, 2009	\$/kWh	(0.0007)
Low Voltage Services Charge	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0050
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service Less Than 50 kW

Service Charge	\$	15.67
Distribution Volumetric Rate	\$/kWh	0.0183
Deferral Account Rate Rider – effective until April 30, 2009	\$/kWh	(0.0010)
Low Voltage Services Charge	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

General Service 50 to 1,499 kW

Service Charge	\$	248.53
Distribution Volumetric Rate	\$/kW	2.9918
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2009	\$/kW	0.0010
Deferral Account Rate Rider – effective until April 30, 2009	\$/kW	(0.4582)
Low Voltage Services Charge	\$/kW	0.0749
Retail Transmission Rate – Network Service Rate	\$/kW	1.8976
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4730
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

General Service 1,500 to 4,999 kW

Service Charge	\$	3,979.03
Distribution Volumetric Rate	\$/kW	2.8573
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider – effective until April 30, 2009	\$/kW	0.0007
Deferral Account Rate Rider – effective until April 30, 2009	\$/kW	(0.5158)
Low Voltage Services Charge	\$/kW	0.0800
Retail Transmission Rate – Network Service Rate	\$/kW	1.9704
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5742
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Large Use

Service Charge	\$	14,447.82
Distribution Volumetric Rate	\$/kW	2.7352
Deferral Account Rate Rider – effective until April 30, 2009	\$/kW	(0.6082)
Low Voltage Services Charge	\$/kW	0.0901
Retail Transmission Rate – Network Service Rate	\$/kW	2.1843
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7727
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Unmetered Scattered Load

Service Charge (per connection)	\$	3.97
Distribution Volumetric Rate	\$/kWh	0.0198
Deferral Account Rate Rider – effective until April 30, 2009	\$/kWh	(0.0010)
Low Voltage Services Charge	\$/kWh	0.0002
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Standby Power – APPROVED ON AN INTERIM BASIS

Service Charge	\$	106.38
Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility):		
General Service 50 to 1,499 kW customer	\$/kW	1.4196
General Service 1,500 to 4,999 kW customer	\$/kW	1.3022
General Service Large Use customer	\$/kW	1.4451

Sentinel Lighting

Service Charge (per connection)	\$	1.87
Distribution Volumetric Rate	\$/kW	7.1332
Deferral Account Rate Rider – effective until April 30, 2009	\$/kW	(0.3328)
Low Voltage Services Charge	\$/kW	0.0568
Retail Transmission Rate – Network Service Rate	\$/kW	1.4079
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1171
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

Street Lighting

Service Charge (per connection)	\$	0.48
Distribution Volumetric Rate	\$/kW	3.4037
Deferral Account Rate Rider – effective until April 30, 2009	\$/kW	(0.4033)
Low Voltage Services Charge	\$/kW	0.0556
Retail Transmission Rate – Network Service Rate	\$/kW	1.4008
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0943
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Customer Administration

Arrears Certificate	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed Payment Charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Disconnect/Reconnect at Pole – during regular hours	\$	185.00
Disconnect/Reconnect at Pole – after regular hours	\$	415.00

Temporary Service install & remove – overhead – no transformer

\$ 500.00

Specific Charge for Access to the Power Poles – per pole/year

\$ 22.35

Dry core transformer distribution charge

As per Attached Table

Allowances

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

Retail Service Charges (if applicable)

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

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0344
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0170
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0240
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0069

Hydro Ottawa Limited

TARIFF OF RATES AND CHARGES

Effective May 1, 2008

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

EB-2007-0713

Dry Core Transformer Charges

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission per kW	Cost of Energy and Wholesale Market per kWh	Total Monthly cost of power	Cost of Distribution per kW	Total
Rates			\$3.6049	\$0.0751		\$3.1561	
25 KVA 1 PH	150	900	\$0.58	\$6.83	\$7.41	\$0.51	\$7.92
37.5 KVA 1 PH	200	1200	\$0.77	\$9.11	\$9.88	\$0.68	\$10.55
50 KVA 1 PH	250	1600	\$0.98	\$11.45	\$12.44	\$0.86	\$13.30
75 KVA 1 PH	350	1900	\$1.31	\$15.79	\$17.10	\$1.15	\$18.25
100 KVA 1 PH	400	2600	\$1.58	\$18.36	\$19.94	\$1.39	\$21.33
150 KVA 1 PH	525	3500	\$2.10	\$24.16	\$26.25	\$1.83	\$28.09
167 KVA 1 PH	650	4400	\$2.61	\$29.96	\$32.56	\$2.28	\$34.85
200 KVA 1 PH	696	4700	\$2.79	\$32.07	\$34.86	\$2.44	\$37.30
225 KVA 1 PH	748	5050	\$3.00	\$34.46	\$37.46	\$2.62	\$40.09
250 KVA 1 PH	800	5400	\$3.21	\$36.86	\$40.06	\$2.81	\$42.87
*15 KVA 3 PH	125	650	\$0.46	\$5.62	\$6.08	\$0.41	\$6.49
*45 KVA 3 PH	300	1800	\$1.16	\$13.66	\$14.82	\$1.01	\$15.83
*75 KVA 3 PH	400	2400	\$1.54	\$18.21	\$19.76	\$1.35	\$21.11
*112.5 KVA 3 PH	600	3400	\$2.28	\$27.17	\$29.45	\$1.99	\$31.44
*150 KVA 3 PH	700	4500	\$2.76	\$32.09	\$34.85	\$2.42	\$37.27
*225 KVA 3 PH	900	5300	\$3.46	\$40.90	\$44.36	\$3.03	\$47.38
*300 KVA 3 PH	1100	6300	\$4.19	\$49.86	\$54.05	\$3.67	\$57.72
*500 KVA 3 PH	1500	9700	\$5.93	\$68.80	\$74.73	\$5.19	\$79.92
*750 KVA 3 PH	2100	12000	\$7.99	\$95.17	\$103.16	\$7.00	\$110.16
*1000 KVA 3 PH	2600	15000	\$9.93	\$117.93	\$127.85	\$8.69	\$136.54
*1500 KVA 3 PH	4000	22000	\$15.06	\$180.64	\$195.70	\$13.19	\$208.89
*2000 KVA 3 PH	4800	24000	\$17.61	\$215.01	\$232.63	\$15.42	\$248.04
*2500 KVA 3 PH	5700	26000	\$20.43	\$253.50	\$273.93	\$17.89	\$291.82

No Load and Load Losses from CSA standard C802-94 Maximum losses for distribution power and dry-type transformers commercial use

Average load factor = 0.46 average loss factor = 0.2489

* For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Sheet:
 To set up Applicant file information.

Instructions:

1. Enter applicant name and service area (if more than one)
2. Enter applicant contact information
3. Read the copyright and OEB policy with respect to this application below

Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.

Applicant Name	Hydro Ottawa Limited
Applicant Service Area	
OEB Application Number	EB-2008-0188
LDC Licence Number	ED-2002-0556
Notice Publication Language	English/French
DRC Rate	0.00694
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	Yes

Contact Information

Name:	Jane Scott
Title:	Manager, Rates & Revenue
Phone Number:	613-738-5499 ext 7499
E-Mail Address:	janescott@hydroottawa.com

Please Note:
 In the event of an inconsistency between this model and any element of the July 15, 2008 "Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors", the September 5, 2008 "Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors", or other related Board Direction, the Board direction governs.

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



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes - General
B2.1 Curr&Appl Rt Class Unique	Set up Tariff Sheet Rate Classes - Unique
C1.1 Smart Meter Rate Adder	Enter Current Tariff Sheet Smart Meter Rate Adder
C2.1 LRAMSSM Recovery RateRider	Enter LRAM and SSM Rate riders
C2.2 Deferral Account RateRider	Enter Deferral Account Rate Rider
C2.3 Sale Dawson Rd Rate Rider	Enter Sale of Dawson Road Property Rate Rider
C2.4 SC RateRider for Smrt Mtr	Enter Service Charge Rate Rider for Smart Meter
C2.5 ForegoneRevenue Rate Rider	Enter Foregone Distribution Revenue Rate Rider
C3.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates - General Rate Classes
C6.1 Curr Rates & Chgs Unique	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates - General Rate Classes
C8.1 Base Dist Rates Unique	Calculation of Base Distribution Rates - Unique Rate Classes
D1.2 Reven Cost Ratio Adj - Gen	Enter Revenue Cost Ratio Adjustment - General Rate Class
D1.3 Reven Cost Ratio Adj - Ung	Enter Revenue Cost Ratio Adjustment - Unique Rate Class
D2.2 K-Factor Adjustment - Gen	Enter K-Factor Adjustment - General Class
D2.3 K-Factor Adjustment - Uniq	Enter K-Factor Adjustment - Unique Class
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rate Rebalanced Base Distribution Rates General
E2.1 Rate Reb Base Dist Rts Ung	Calculation of Rate Rebalanced Base Distribution Rates Unique
F1.2 Price Cap Adjustment - Gen	Enter Price Cap Adjustment - General Class
F1.3 Price Cap Adjustment - Ung	Enter Price Cap Adjustment - Unique Class
G1.1 Aft PrcCap Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class
G2.1 AftPrcCap Bas Dst Rts Ung	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class
J1.1 Smart Meter Rate Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder
J2.1 LRAMSSM Recovery RateRider	Enter LRAM and SSM Rate riders
J2.2 Deferral Account RateRider	Enter Deferral Account Rate Rider
J2.3 SC RateRider for Smrt Mtr	Enter Service Charge Rate Rider for Smart Meter
J2.4 ForegoneRevenue Rate Rider	Enter Foregone Distribution Revenue Rate Rider
J2.5 Tax Change Rate Rider	Enter Tax Change Rate Rider



Ontario Energy Board
Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Sheet Name	Purpose of Sheet
J2.6 Incremental Cap Rate Rider	Enter Incremental Capital Rate Rider
K1.1 App For Dist Rates Gen	Calculation of Proposed Distribution Rates - General Rate Classes
K2.1 App For Dist Rates Uniq	Calculation of Proposed Distribution Rates - Unique Rate Classes
L1.1 Curr&Appl For TX Network	Enter Change to RTSR - Network rates
L2.1 Curr&Appl For TX Connect	Enter Change to RTSR - Connection rates
L3.1 Curr&Appl For TX Low Volt	Enter Change to RTSR - Tx Low Voltage
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges - General Rate Classes
N2.1 Appl For Mthly R&C Unique	Monthly Rates and Charges - Unique Rate Classes
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet
O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
O1.2 Sum of Chgs To MSC&DX Uniq	Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge
O2.1 Calculation of Bill Impact	Bill Impact Calculations
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet sets up the "General" rate classes and metrics applied to the rate classes.

Instructions:

1. Obtain a copy of your current tariff sheet.
2. Enter rate classes in the order found under Monthly Rates and Charges (general classes only). Select a Rate Group first and then a corresponding Rate Class.

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
RES	Residential	Continuing	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Continuing	Customer - 12 per year	kWh
GSGT50	General Service 50 to 1,499 kW	Continuing	Customer - 12 per year	kW
GSGT50	General Service 1,500 to 4,999 kW	Continuing	Customer - 12 per year	kW
LU	Large Use	Continuing	Customer - 12 per year	kW
USL	Unmetered Scattered Load	Continuing	Connection - 12 per year	kWh
Sen	Sentinel Lighting	Continuing	Connection - 12 per year	kW
SL	Street Lighting	Continuing	Connection - 12 per year	kW
NA	Rate Class 9	NA	NA	NA
NA	Rate Class 10	NA	NA	NA
NA	Rate Class 11	NA	NA	NA
NA	Rate Class 12	NA	NA	NA
NA	Rate Class 13	NA	NA	NA
NA	Rate Class 14	NA	NA	NA
NA	Rate Class 15	NA	NA	NA
NA	Rate Class 16	NA	NA	NA
NA	Rate Class 17	NA	NA	NA
NA	Rate Class 18	NA	NA	NA
NA	Rate Class 19	NA	NA	NA
NA	Rate Class 20	NA	NA	NA
NA	Rate Class 21	NA	NA	NA
NA	Rate Class 22	NA	NA	NA
NA	Rate Class 23	NA	NA	NA
NA	Rate Class 24	NA	NA	NA
NA	Rate Class 25	NA	NA	NA



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet sets up the "Unique" rate classes and metrics applied to the rate classes.

Instructions:

1. Obtain a copy of your current tariff sheet.
2. Enter rate classes in the order found under **Monthly Rates and Charges (unique classes only)**. Select a **Rate Group** first and then a corresponding **Rate Class**.

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
USB	Standby Power General Service 50 to 1,499 kW	Continuing	Customer - 12 per year	kW
USB	Standby Power General Service 1,500 to 4,999 kW	Continuing	Customer - 12 per year	kW
USB	Standby - Large Use	Continuing	Customer - 12 per year	kW
NA	Rate Class 29	NA	NA	NA
NA	Rate Class 30	NA	NA	NA
NA	Rate Class 31	NA	NA	NA
NA	Rate Class 32	NA	NA	NA
NA	Rate Class 33	NA	NA	NA
NA	Rate Class 34	NA	NA	NA
NA	Rate Class 35	NA	NA	NA



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:

To record the current smart meter rate adder which will be removed from affected rates to return to base distribution rates

Rate Adder	Smart Meter Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	1.140000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.140000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.140000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	1.140000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	Yes	1.140000	Customer - 12 per year	0.000000	kW
Large Use	Yes	1.140000	Customer - 12 per year	0.000000	kW



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
 To record the current LRAM/SSM rate rider (if applicable)

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM)
Sunset Date	30/04/2009 DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000600	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	0.001000	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000700	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism



Email to:

Previous	Forward	Current Tariff Sheet	Proposed Sheet	Tariff	Current & Proposed Tariff Sheets	Bill Impacts Generator
----------	---------	----------------------	----------------	--------	----------------------------------	------------------------

Purpose of this sheet:
 To record the current Deferral Account rate rider (if applicable)

Rate Rider	Deferral Account Rate Rider
Sunset Date	30/04/2009
	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	-0.000700	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	-0.001000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	-0.458200	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.515800	kW
Large Use	Yes	0.000000	Customer - 12 per year	-0.608200	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.001000	kWh
Sentinel Lighting	Yes	0.000000	Connection - 12 per year	-0.332800	kW
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.403300	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
 To record the current Sale of Dawson Road Property rate rider (if applicable)

Rate Rider	Sale of Dawson Road Property Rate Rider
Sunset Date	
	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.000000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
Large Use	Yes	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	Yes	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
 To record the current Service Charge For Smart Meter rate rider (if applicable)

Rate Rider	Service Charge Rate Rider for Smart Meter
Sunset Date	DD/MM/YYYY
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.000000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
Large Use	Yes	0.000000	Customer - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:

To record the current Foregone Distribution Revenue rate rider (if applicable)

Rate Rider	Foregone Distribution Revenue Rate Rider
Sunset Date	
	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Both Distinct

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet shows the current Monthly Rates and Charges for the general rate classes.

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	9.54
Distribution Volumetric Rate	\$/kWh	0.0205
Distribution Volumetric Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) – effective until Thursday, April 30, 2009	\$/kWh	0.0006
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kWh	-0.0007
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0050
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	15.67
Distribution Volumetric Rate	\$/kWh	0.0183
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kWh	-0.0010
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 1,499 kW

Rate Description	Metric	Rate
Service Charge	\$	248.53
Distribution Volumetric Rate	\$/kW	2.9918
Distribution Volumetric Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) – effective until Thursday, April 30, 2009	\$/kW	0.0010
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until	\$/kW	-0.4582
Retail Transmission Rate – Network Service Rate	\$/kW	1.8976
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4730
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0749
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 1,500 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	3,979.03
Distribution Volumetric Rate	\$/kW	2.8573
Distribution Volumetric Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) – effective until Thursday, April 30, 2009	\$/kW	0.0007
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until	\$/kW	-0.5158
Retail Transmission Rate – Network Service Rate	\$/kW	1.9704
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5742
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0800
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Large Use

Rate Description	Metric	Rate
Service Charge	\$	14,447.82
Distribution Volumetric Rate	\$/kW	2.7352
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kW	-0.6082
Retail Transmission Rate – Network Service Rate	\$/kW	2.1843
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7727

	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0901
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.97
Distribution Volumetric Rate	\$/kWh	0.0198
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kWh	-0.0010
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	1.87
Distribution Volumetric Rate	\$/kW	7.1332
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kW	-0.3328
Retail Transmission Rate – Network Service Rate	\$/kW	1.4079
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1171
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0568
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.48
Distribution Volumetric Rate	\$/kW	3.4037
Distribution Volumetric Rate Rider for Deferral Account Rate Rider – effective until Thursday, April 30, 2009	\$/kW	-0.4033
Retail Transmission Rate – Network Service Rate	\$/kW	1.4008
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0943
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0556
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet shows the Monthly Rates and Charges for the unique rate classes (if applicable).

Rate Class

Standby Power General Service 50 to 1,499 kW

Rate Description	Metric	Rate
Service Charge	\$	106.38
Distribution Volumetric Rate	\$/kW	1.4196

Rate Class

Standby Power General Service 1,500 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	106.38
Distribution Volumetric Rate	\$/kW	1.3022

Rate Class

Standby - Large Use

Rate Description	Metric	Rate
Service Charge	\$	106.38
Distribution Volumetric Rate	\$/kW	1.4451

 **Ontario Energy Board**
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism








Purpose of this Worksheet :

This worksheet removes all rate adders from the general rate class distribution rates to determine current base rates. Please enter these rates onto sheet B2.1 of the 2009 OEB 3GIRM Supplementary Filing Module.

Service Charge

Class	Metric	Current Rates	Smart Meter Rate Adder	Current Base Rates
Residential	Customer - 12 per year	9.540000	1.140000	8.400000
General Service Less Than 50 kW	Customer - 12 per year	15.670000	1.140000	14.530000
General Service 50 to 1,499 kW	Customer - 12 per year	248.530000	1.140000	247.390000
General Service 1,500 to 4,999 kW	Customer - 12 per year	3,979.030000	1.140000	3,977.890000
Large Use	Customer - 12 per year	14,447.820000	1.140000	14,446.680000
Unmetered Scattered Load	Connection -12 per year	3.970000	0.000000	3.970000
Sentinel Lighting	Connection - 12 per year	1.870000	0.000000	1.870000
Street Lighting	Connection - 12 per year	0.480000	0.000000	0.480000

Distribution Volumetric Rate

Class	Metric	Current Rates	Smart Meter Rate Adder	Current Base Rates
Residential	kWh	0.020500	0.000000	0.020500
General Service Less Than 50 kW	kWh	0.018300	0.000000	0.018300
General Service 50 to 1,499 kW	kWh	2.991800	0.000000	2.991800
General Service 1,500 to 4,999 kW	kWh	2.857300	0.000000	2.857300
Large Use	kWh	2.735200	0.000000	2.735200
Unmetered Scattered Load	kWh	0.019800	0.000000	0.019800
Sentinel Lighting	kWh	7.133200	0.000000	7.133200
Street Lighting	kWh	3.403700	0.000000	3.403700



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet removes all rate adders from the unique rate class distribution rates to determine current base rates.

Please enter these rates onto sheet B2.2 of the 2009 OEB 3GIRM Supplementary Filing Module (if applicable).

Service Charge

Class	Metric	Current Rates	Current Base Rates
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	106.380000
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	106.380000
Standby - Large Use	Customer - 12 per year	106.380000	106.380000

Distribution Volumetric Rate

Class	Metric	Current Rates	Current Base Rates
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	1.419600	1.419600
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	1.302200	1.302200
Standby - Large Use	Customer - 12 per year	1.445100	1.445100



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to add the Revenue Cost Ratio Adjustments as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for general rate classes (if applicable).

Instructions:

Transfer the resultant adjustments found in Columns J, K & L from sheet "C3.1 CA RevCst -PropPos- Gen"

Rate Rebalancing Adjustment	Revenue Cost Ratio Adjustment - General Rate Class
Metric Applied To	All Customers
Method of Application	Both Distinct\$

Monthly Service Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	Customer - 12 per year	8.400000	Yes	0.000000	0.000000
General Service Less Than 50 kW	Customer - 12 per year	14.530000	Yes	0.000000	0.000000
General Service 50 to 1,499 kW	Customer - 12 per year	247.390000	Yes	0.000000	0.000000
General Service 1,500 to 4,999 kW	Customer - 12 per year	3977.890000	Yes	0.000000	0.000000
Large Use	Customer - 12 per year	14446.680000	Yes	0.000000	0.000000
Unmetered Scattered Load	Connection -12 per year	3.970000	Yes	0.000000	0.000000
Sentinel Lighting	Connection - 12 per year	1.870000	Yes	0.000000	0.000000
Street Lighting	Connection - 12 per year	0.480000	Yes	0.000000	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Residential	kWh	0.020500	Yes	0.000000	0.000000
General Service Less Than 50 kW	kWh	0.018300	Yes	0.000000	0.000000
General Service 50 to 1,499 kW	kWh	2.991800	Yes	0.000000	0.000000
General Service 1,500 to 4,999 kW	kWh	2.857300	Yes	0.000000	0.000000
Large Use	kWh	2.735200	Yes	0.000000	0.000000
Unmetered Scattered Load	kWh	0.019800	Yes	0.000000	0.000000
Sentinel Lighting	kWh	7.133200	Yes	0.000000	0.000000
Street Lighting	kWh	3.403700	Yes	0.000000	0.000000



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to add the Revenue to Cost Ratio Adjustments as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for unique rate classes (if applicable).

Instructions:

Transfer the resultant adjustments found in Columns J, K & L from sheet "C3.2 CA RevCst -PropPos- Unq"

Rate Rebalancing Adjustment

Revenue Cost Ratio Adjustment - Unique Rate Class

Metric Applied To

All Customers

Method of Application

Both Distinct\$

Monthly Service Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	Yes	0.000000	0.000000
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	Yes	0.000000	0.000000
Standby - Large Use	Customer - 12 per year	106.380000	Yes	0.000000	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	\$ Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	kW	1.419600	Yes	0.000000	0.000000
Standby Power General Service 1,500 to 4,999 kW	kW	1.302200	Yes	0.000000	0.000000
Standby - Large Use	kW	1.445100	Yes	0.000000	0.000000



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to add the K-factor Adjustment as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for general rate classes.

Instructions:

Transfer the resultant adjustments found in K-factor Adjustment AX from sheet "E1.2 K-Factor Adjustment"

Rate Rebalancing Adjustment

K-Factor Adjustment - General Class

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

0.000%

Uniform Volumetric Charge Percent

kWh
kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	8.400000	Yes	0.000%	0.000000
General Service Less Than 50 kW	Customer - 12 per year	14.530000	Yes	0.000%	0.000000
General Service 50 to 1,499 kW	Customer - 12 per year	247.390000	Yes	0.000%	0.000000
General Service 1,500 to 4,999 kW	Customer - 12 per year	3977.890000	Yes	0.000%	0.000000
Large Use	Customer - 12 per year	14446.680000	Yes	0.000%	0.000000
Unmetered Scattered Load	Connection -12 per year	3.970000	Yes	0.000%	0.000000
Sentinel Lighting	Connection - 12 per year	1.870000	Yes	0.000%	0.000000
Street Lighting	Connection - 12 per year	0.480000	Yes	0.000%	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.020500	Yes	0.000%	0.000000
General Service Less Than 50 kW	kWh	0.018300	Yes	0.000%	0.000000
General Service 50 to 1,499 kW	kW	2.991800	Yes	0.000%	0.000000
General Service 1,500 to 4,999 kW	kW	2.857300	Yes	0.000%	0.000000
Large Use	kW	2.735200	Yes	0.000%	0.000000
Unmetered Scattered Load	kWh	0.019800	Yes	0.000%	0.000000
Sentinel Lighting	kW	7.133200	Yes	0.000%	0.000000
Street Lighting	kW	3.403700	Yes	0.000%	0.000000



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to add the K-factor Adjustment as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for unique rate classes (if applicable).

Instructions:

Transfer the resultant adjustments found in K-factor Adjustment AX from sheet "E1.2 K-Factor Adjustment"

Rate Rebalancing Adjustment

K-Factor Adjustment - Unique Class

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

0.000%

Uniform Volumetric Charge Percent

0.000% kWh

0.000% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	Yes	0.000%	0.000000
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	Yes	0.000%	0.000000
Standby - Large Use	Customer - 12 per year	106.380000	Yes	0.000%	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	kW	1.419600	Yes	0.000%	0.000000
Standby Power General Service 1,500 to 4,999 kW	kW	1.302200	Yes	0.000%	0.000000
Standby - Large Use	kW	1.445100	Yes	0.000%	0.000000



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet shows the calculation of Base Rates for general rate classes to which the price cap index will be applied to.

Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment - General Rate Class	K-Factor Adjustment - General Class	Rate ReBal Base
Residential	Customer - 12 per year	8.400000	0.000000	0.000000	8.400000
General Service Less Than 50 kW	Customer - 12 per year	14.530000	0.000000	0.000000	14.530000
General Service 50 to 1,499 kW	Customer - 12 per year	247.390000	0.000000	0.000000	247.390000
General Service 1,500 to 4,999 kW	Customer - 12 per year	3,977.890000	0.000000	0.000000	3,977.890000
Large Use	Customer - 12 per year	14,446.680000	0.000000	0.000000	14,446.680000
Unmetered Scattered Load	Connection -12 per year	3.970000	0.000000	0.000000	3.970000
Sentinel Lighting	Connection - 12 per year	1.870000	0.000000	0.000000	1.870000
Street Lighting	Connection - 12 per year	0.480000	0.000000	0.000000	0.480000

Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment - General Rate Class	K-Factor Adjustment - General Class	Rate ReBal Base
Residential	kWh	0.020500	0.000000	0.000000	0.020500
General Service Less Than 50 kW	kWh	0.018300	0.000000	0.000000	0.018300
General Service 50 to 1,499 kW	kW	2.991800	0.000000	0.000000	2.991800
General Service 1,500 to 4,999 kW	kW	2.857300	0.000000	0.000000	2.857300
Large Use	kW	2.735200	0.000000	0.000000	2.735200
Unmetered Scattered Load	kWh	0.019800	0.000000	0.000000	0.019800
Sentinel Lighting	kW	7.133200	0.000000	0.000000	7.133200
Street Lighting	kW	3.403700	0.000000	0.000000	3.403700



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet shows the calculation of Base Rates for unique rate classes to which the price cap adjustment will be applied to (if applicable).

Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment - Unique Rate Class	K-Factor Adjustment - Unique Class	Rate ReBal Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	0.000000	0.000000	106.380000
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	0.000000	0.000000	106.380000
Standby - Large Use	Customer - 12 per year	106.380000	0.000000	0.000000	106.380000

Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio Adjustment - Unique Rate Class	K-Factor Adjustment - Unique Class	Rate ReBal Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	1.419600	0.000000	0.000000	1.419600
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	1.302200	0.000000	0.000000	1.302200
Standby - Large Use	Customer - 12 per year	1.445100	0.000000	0.000000	1.445100



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to add the Price Cap Index as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for general rate classes (if applicable).

Instructions:

Transfer the resultant adjustments found as Price Cap Index from sheet "G1.1 Threshold Parameters"

Price Cap Adjustment	Price Cap Adjustment - General Class		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	0.980%	Uniform Volumetric Charge Percent	0.980% kWh 0.980% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	8.400000	Yes	0.980%	0.082320
General Service Less Than 50 kW	Customer - 12 per year	14.530000	Yes	0.980%	0.142394
General Service 50 to 1,499 kW	Customer - 12 per year	247.390000	Yes	0.980%	2.424422
General Service 1,500 to 4,999 kW	Customer - 12 per year	3977.890000	Yes	0.980%	38.983322
Large Use	Customer - 12 per year	14446.680000	Yes	0.980%	141.577464
Unmetered Scattered Load	Connection -12 per year	3.970000	Yes	0.980%	0.038906
Sentinel Lighting	Connection - 12 per year	1.870000	Yes	0.980%	0.018326
Street Lighting	Connection - 12 per year	0.480000	Yes	0.980%	0.004704

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.020500	Yes	0.980%	0.000201
General Service Less Than 50 kW	kWh	0.018300	Yes	0.980%	0.000179
General Service 50 to 1,499 kW	kW	2.991800	Yes	0.980%	0.029320
General Service 1,500 to 4,999 kW	kW	2.857300	Yes	0.980%	0.028002
Large Use	kW	2.735200	Yes	0.980%	0.026805
Unmetered Scattered Load	kWh	0.019800	Yes	0.980%	0.000194
Sentinel Lighting	kW	7.133200	Yes	0.980%	0.069905
Street Lighting	kW	3.403700	Yes	0.980%	0.033356



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :
 This worksheet allows the applicant to add the Price Cap Index as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for unique rate classes (if applicable).

Instructions:
 Transfer the resultant adjustments found as Price Cap Index from sheet "G1.1 Threshold Parameters"

Price Cap Adjustment	Price Cap Adjustment - Unique Class		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	0.980%	Uniform Volumetric Charge Percent	0.980% kWh 0.980% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	Yes	0.980%	1.042524
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	Yes	0.980%	1.042524
Standby - Large Use	Customer - 12 per year	106.380000	Yes	0.980%	1.042524

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power General Service 50 to 1,499 kW	kW	1.419600	Yes	0.980%	0.013912
Standby Power General Service 1,500 to 4,999 kW	kW	1.302200	Yes	0.980%	0.012762
Standby - Large Use	kW	1.445100	Yes	0.980%	0.014162



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet shows the calculation of Base Rates for general rate classes after the price cap index has been applied.

Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment - General Class	After Price Cape Base
Residential	Customer - 12 per year	8.400000	0.082320	8.482320
General Service Less Than 50 kW	Customer - 12 per year	14.530000	0.142394	14.672394
General Service 50 to 1,499 kW	Customer - 12 per year	247.390000	2.424422	249.814422
General Service 1,500 to 4,999 kW	Customer - 12 per year	3977.890000	38.983322	4016.873322
Large Use	Customer - 12 per year	14446.680000	141.577464	14588.257464
Unmetered Scattered Load	Connection -12 per year	3.970000	0.038906	4.008906
Sentinel Lighting	Connection - 12 per year	1.870000	0.018326	1.888326
Street Lighting	Connection - 12 per year	0.480000	0.004704	0.484704

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment - General Class	After Price Cape Base
Residential	kWh	0.020500	0.000201	0.020701
General Service Less Than 50 kW	kWh	0.018300	0.000179	0.018479
General Service 50 to 1,499 kW	kW	2.991800	0.029320	3.021120
General Service 1,500 to 4,999 kW	kW	2.857300	0.028002	2.885302
Large Use	kW	2.735200	0.026805	2.762005
Unmetered Scattered Load	kWh	0.019800	0.000194	0.019994
Sentinel Lighting	kW	7.133200	0.069905	7.203105
Street Lighting	kW	3.403700	0.033356	3.437056



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :
 This worksheet shows the calculation of Base Rates for unique rate classes after the price cap index has been applied (if applicable).

Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment - Unique Class	After Price Cape Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	106.380000	1.042524	107.422524
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	106.380000	1.042524	107.422524
Standby - Large Use	Customer - 12 per year	106.380000	1.042524	107.422524

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment - Unique Class	After Price Cape Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	1.419600	0.013912	1.433512
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	1.302200	0.012762	1.314962
Standby - Large Use	Customer - 12 per year	1.445100	0.014162	1.459262



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:

To record the proposed smart meter rate adder that will be added to affected rates to the adjusted base distribution rates.

Rate Adder	Smart Meter Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	1.680000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.680000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.680000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	1.680000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	Yes	1.680000	Customer - 12 per year	0.000000	kW
Large Use	Yes	1.680000	Customer - 12 per year	0.000000	kW



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:

To record the proposed LRAM/SSM rate rider which will be added to affected rates to the adjusted base distribution rates (if applicable).

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM)
Sunset Date	April 30, 2010 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000500	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	0.004500	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.001900	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
To record the proposed Deferral Account rate rider (if applicable).

Rate Rider	Deferral Account Rate Rider
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
 To record the proposed Service Charge for Smart Meters rate rider (if applicable).

Rate Rider	Service Charge Rate Rider for Smart Meter
Sunset Date	DD/MM/YYYY
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.000000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.000000	kW
Large Use	Yes	0.000000	Customer - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this sheet:
 To record the proposed Foregone Distribution Revenue rate rider (if applicable)

Rate Rider	Foregone Distribution Revenue Rate Rider
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Both Distinct

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :
 This worksheet allows the applicant to record the Tax Change rate rider as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for general rate classes (if applicable).

Instructions:
 Transfer the resultant adjustments found as a rate adder from sheet "F1.2 CalcTaxChg RRider OptA FV" K,L and M or sheet "F1.3 CalcTaxChg RRider OptB Vol" F and G or as otherwise calculated by the applicant.

Rate Rider Tax Change Rate Rider

Sunset Date 30/04/2010
DD/MM/YYYY

Metric Applied To All Customers

Method of Application Both Distinct

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	Yes	0.000000	Customer - 12 per year	-0.003459	kW
General Service 1,500 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.004050	kW
Large Use	Yes	0.000000	Customer - 12 per year	-0.003499	kW
Unmetered Scattered Load	No	0.000000	Connection - 12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.000000	Connection - 12 per year	-0.012356	kW
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.004758	kW



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet allows the applicant to record the Incremental Capital rate rider as calculated in the 2009 OEB 3GIRM Supplementary Filing Module for general rate classes (if applicable).

Instructions:

Transfer the resultant adjustments found as a rate adder from sheet "G4.2 Incr Cap RRider Opt A FV" K,L and M or sheet "G4.3 Incr Cap RRider Opt B Vol " F and G or as otherwise calculated by the applicant.

Rate Rider	Incremental Capital Rate Rider
Sunset Date	DD/MM/YYYY
Metric Applied To	All Customers
Method of Application	Both Distinct

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 1,499 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 1,500 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Large Use	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet adds all rate adders proposed earlier to the general rate class distribution rates to determine final base distribution rates.

Monthly Service Charge

Class	Metric	Base Rate	Smart Meter Rate Adder	Final Base
Residential	Customer - 12 per year	8.482320	1.680000	10.162320
General Service Less Than 50 kW	Customer - 12 per year	14.672394	1.680000	16.352394
General Service 50 to 1,499 kW	Customer - 12 per year	249.814422	1.680000	251.494422
General Service 1,500 to 4,999 kW	Customer - 12 per year	4,016.873322	1.680000	4,018.553322
Large Use	Customer - 12 per year	14,588.257464	1.680000	14,589.937464
Unmetered Scattered Load	Connection - 12 per year	4.008906	0.000000	4.008906
Sentinel Lighting	Connection - 12 per year	1.888326	0.000000	1.888326
Street Lighting	Connection - 12 per year	0.484704	0.000000	0.484704

Volumetric Distribution Charge

Class	Metric	Base Rate	Smart Meter Rate Adder	Final Base
Residential	kWh	0.020701	0.000000	0.020701
General Service Less Than 50 kW	kWh	0.018479	0.000000	0.018479
General Service 50 to 1,499 kW	kWh	3.021120	0.000000	3.021120
General Service 1,500 to 4,999 kW	kWh	2.885302	0.000000	2.885302
Large Use	kWh	2.762005	0.000000	2.762005
Unmetered Scattered Load	kWh	0.019994	0.000000	0.019994
Sentinel Lighting	kWh	7.203105	0.000000	7.203105
Street Lighting	kWh	3.437056	0.000000	3.437056



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :

This worksheet adds all rate adders as proposed earlier to the unique rate class distribution rates to determine final base distribution rates (if applicable).

Monthly Service Charge

Class	Metric	Base Rate	Final Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	107.422524	107.422524
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	107.422524	107.422524
Standby - Large Use	Customer - 12 per year	107.422524	107.422524

Volumetric Distribution Charge

Class	Metric	Base Rate	Final Base
Standby Power General Service 50 to 1,499 kW	Customer - 12 per year	1.433512	1.433512
Standby Power General Service 1,500 to 4,999 kW	Customer - 12 per year	1.314962	1.314962
Standby - Large Use	Customer - 12 per year	1.459262	1.459262



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :
Uniform Transmission Network rates have changed. This worksheet is a placeholder at this time.

Method of Application Uniform Percentage

Uniform Percentage 11.255%

Rate Class	Applied to Class
Residential	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005000	11.255%	0.000563	0.005563

Rate Class	Applied to Class
General Service Less Than 50 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004600	11.255%	0.000518	0.005118

Rate Class	Applied to Class
General Service 50 to 1,499 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.897600	11.255%	0.213575	2.111175

Rate Class	Applied to Class
General Service 1,500 to 4,999 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.970400	11.255%	0.221769	2.192169

Rate Class	Applied to Class				
Large Use	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.184300	11.255%	0.245843	2.430143

Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004600	11.255%	0.000518	0.005118

Rate Class	Applied to Class				
Sentinel Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.407900	11.255%	0.158459	1.566359

Rate Class	Applied to Class				
Street Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.400800	11.255%	0.157660	1.558460



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

Purpose of this Worksheet :
Uniform Transmission Connection rates have changed. This worksheet is a placeholder at this time.

Method of Application

Uniform Percentage

Uniform Percentage

7.794%

Rate Class	Applied to Class
Residential	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.003900	7.794%	0.000304	0.004204

Rate Class	Applied to Class
General Service Less Than 50 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.003600	7.794%	0.000281	0.003881

Rate Class	Applied to Class
General Service 50 to 1,499 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.473000	7.794%	0.114806	1.587806

Rate Class	Applied to Class
General Service 1,500 to 4,999 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.574200	7.794%	0.122693	1.696893

Rate Class	Applied to Class
Large Use	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.772700	7.794%	0.138164	1.910864

Rate Class	Applied to Class
Unmetered Scattered Load	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.003600	7.794%	0.000281	0.003881

Rate Class	Applied to Class
Sentinel Lighting	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.117100	7.794%	0.087067	1.204167

Rate Class	Applied to Class
Street Lighting	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.094300	7.794%	0.085290	1.179590



Ontario Energy Board
 Commission de l'énergie de l'Ontario

Method of Application **Uniform Percentage**

Uniform Percentage **1.0%**

Rate Class **Residential** Applied to Class **Yes**

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.000200	1.0%	0.000002	0.000202

Rate Class **General Service Less Than 50 kW** Applied to Class **Yes**

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.000200	1.0%	0.000002	0.000202

Rate Class **General Service 50 to 1,499 kW** Applied to Class **Yes**

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.074900	1.0%	0.000734	0.075634

Rate Class **General Service 1,500 to 4,999 kW** Applied to Class **Yes**

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.080000	1.0%	0.000784	0.080784

Rate Class	Applied to Class				
Large Use	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.090100	1.0%	0.000883	0.090983

Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.000200	1.0%	0.000002	0.000202

Rate Class	Applied to Class				
Sentinel Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.056800	1.0%	0.000557	0.057357

Rate Class	Applied to Class				
Street Lighting	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.055600	1.0%	0.000545	0.056145

Sheets N1.1 and N2.1 are included under Attachment G



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Enter your loss factors as shown on your current Board-approved tariff schedule.

Note: Loss Factors must be completed before the Bill Impact calculation sheet can be generated.

LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW
Total Loss Factor - Secondary Metered Customer > 5,000 kW
Total Loss Factor - Primary Metered Customer < 5,000 kW
Total Loss Factor - Primary Metered Customer > 5,000 kW

1.0344
1.0170
1.0240
1.0069



Ontario Energy Board
 Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet shows the changes made to Monthly Rates and Charges for the general rate classes.

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Rates	9.54	0.0205
Less Rate Adders		
Smart Meter Rate Adder	1.14	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	0.08	0.0002
Smart Meter Rate Adder	1.68	0.0000
Applied For Rates	10.16	0.0207
	0.00	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Rates	15.67	0.0183
Less Rate Adders		
Smart Meter Rate Adder	1.14	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	0.14	0.0002
Smart Meter Rate Adder	1.68	0.0000
Applied For Rates	16.35	0.0185
	0.00	0.0000

Fixed	Volumetric
-------	------------

O1.1 Sum of Chgs To MSC&DX Gen

General Service 50 to 1,499 kW	(\$)	\$/kW
Current Rates	248.53	2.9918
Less Rate Adders		
Smart Meter Rate Adder	1.14	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	2.42	0.0293
Smart Meter Rate Adder	1.68	0.0000
Applied For Rates	251.49	3.0211
	0.00	0.0000

	Fixed	Volumetric
General Service 1,500 to 4,999 kW	(\$)	\$/kW
Current Rates	3,979.03	2.8573
Less Rate Adders		
Smart Meter Rate Adder	1.14	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	38.98	0.0280
Smart Meter Rate Adder	1.68	0.0000
Applied For Rates	4,018.55	2.8853
	0.00	0.0000

	Fixed	Volumetric
Large Use	(\$)	\$/kW
Current Rates	14,447.82	2.7352
Less Rate Adders		
Smart Meter Rate Adder	1.14	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	141.58	0.0268
Smart Meter Rate Adder	1.68	0.0000
Applied For Rates	14,589.94	2.7620
	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Rates	3.97	0.0198
Less Rate Adders		
Smart Meter Rate Adder	0.00	0.0000
Rate Rebalancing Adj		

Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	0.04	0.0002
Smart Meter Rate Adder	0.00	0.0000
Applied For Rates	4.01	0.0200
	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Rates	1.87	7.1332
Less Rate Adders		
Smart Meter Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	0.02	0.0699
Smart Meter Rate Adder	0.00	0.0000
Applied For Rates	1.89	7.2031
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Rates	0.48	3.4037
Less Rate Adders		
Smart Meter Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - General Rate Class	0.00	0.0000
K-Factor Adjustment - General Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General Class	0.00	0.0334
Smart Meter Rate Adder	0.00	0.0000
Applied For Rates	0.48	3.4371
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
Standby Power General Service 50 to 1,499 kW		
Current Rates	106.38	1.4196
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - Unique Rate Class	0.00	0.0000
K-Factor Adjustment - Unique Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - Unique Class	1.04	0.0139
Applied For Rates	107.42	1.4335
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
Standby Power General Service 1,500 to 4,999 kW		
Current Rates	106.38	1.3022
Rate ReBal Override	0	0
Revenue Cost Ratio Adjustment - Unique Rate Class	0.00	0.0000
K-Factor Adjustment - Unique Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - Unique Class	1.04	0.0128
Applied For Rates	107.42	1.3150
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
Standby - Large Use		
Current Rates	106.38	1.4451
Rate Rebalancing Adj		
Revenue Cost Ratio Adjustment - Unique Rate Class	0.00	0.0000
K-Factor Adjustment - Unique Class	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - Unique Class	1.04	0.0142
Applied For Rates	107.42	1.4593

Sheet O2.1 is included under Attachment H



Ontario Energy Board
 Commission de l'énergie de l'Ontario
3rd Generation Incentive Regulation Mechanism

 Previous
  Forward
  Current Tariff Sheet
  Proposed Tariff Sheet
  Current & Proposed Tariff Sheets
  Bill Impacts Generator

Purpose of this worksheet:
 This worksheet is for the applicant to enter the Allowances as found on the current Tariff Sheet.

Allowances	Metric	Current
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	-0.45
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	-1.0



Ontario Energy Board

Commission de l'énergie de l'Ontario

3rd Generation Incentive Regulation Mechanism

Purpose of this worksheet:

This worksheet is for the show the Retail Service Charges as found on the current Tariff Sheet.

Retail Service Charges (if applicable)	Metric	Current
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



Purpose of this Workbook:

This workbook has been developed to assist the applicant in filing for 3GIRM rates. This workbook calculates:

1. Revenue/Cost ratio adjustments
2. 3GIRM K-factor adjustment
3. 3GIRM Price Cap Adjustment
4. Shared Tax Saving Rate Rider
5. Incremental Capital Rate Rider

Note: All Applicants have a stretch factor group of II or .40 until the listing is finalized. This will be adjusted later.

**Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.
For best viewing, set your screen resolution to 1280 by 960 pixels**

Applicant Name	Hydro Ottawa Limited
Applicant Service Area	
OEB Application Number	EB-2008-0188
LDC Licence Number	ED-2002-0556
Stretch Factor Group	II
Stretch Factor Value	0.4000%

Please Note:

In the event of an inconsistency between this model and any element of the July 15, 2008 "Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors", the September 5, 2008 "Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors", or other related Board Direction, the Board direction governs.

Copyright:

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



Ontario Energy Board
Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Sheet Name

[A1.1 LDC Information](#)

[A2.1 Table of Contents](#)

[B1.1 Re-Basing Revenue - Gen](#)

[B2.1 Re-Basing Revenue - Unique](#)

[B3.1 Re-Basing Reven Requiremt](#)

[C1.1 CA RevCst -Fil Infor - Gen](#)

[C1.2 CA RevCst -Fil Infor - Ung](#)

[C2.1 CA RevCst- Curr Pos - Gen](#)

[C2.2 CA RevCst-Curr Pos - Ung](#)

[C3.1 CA RevCst-PropPos-Gen](#)

[C3.2 CA RevCst-PropPos-Ung](#)

[C4.1 CA RevCst-RateRe-alloc-Gen](#)

[C4.2 CA RevCst-RateRe-alloc-Ung](#)

[C4.3 RevCst Adjustment Test](#)

[D1.1 Ld Act-Mst Rcent Yr - Gen](#)

[D1.2 Ld Act-Mst Rcent Yr - Uniq](#)

[E1.1 CapitalStructureTransition](#)

[E1.2 K-Factor Adjustment](#)

[F1.1 Z-Factor Tax Changes](#)

[F1.2 CalcTaxChg RRider OptA FV](#)

[F1.3 CalcTaxChg RRider OptB Vol](#)

[G1.1 Threshold Parameters](#)

[G2.1 Threshold Test](#)

[G3.1 Depreciation CCA Factors](#)

[G4.1 IncrementalCapitalAdjust](#)

[G4.2 Incr Cap RRider Opt A FV](#)

[G4.3 Incr Cap RRider Opt B Vol](#)

[Sheet1](#)

Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module



Purpose of this sheet:
 To record general rate class billing determinants and base distribution rates.

Steps:

1. Assign applicants general rate classes,
2. Enter billing determinants as approved in the last rate re-basing, and
3. Enter the base rates (service charge and distribution volumetric charge net of rate adders)

Instructions:

1. Select rate group from drop down in column C
2. Select rate class from drop down in column D
3. Enter number of customers in column I (A)
4. Enter kWh in column J (B) for all classes
5. Enter kW in column K (C) for customer groups billed in kW or kVA
6. Enter base service charge as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column M (D)
7. Enter base distribution volumetric kWh as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column N (E)
8. Enter base distribution volumetric kW as found on rate generator sheet "C7.1 Base Dist Rates Gen" in column O (F)

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-basing Billed			Current Base Service Charge	Current Base Distribution Volumetric Rate kWh	Current Base Distribution Volumetric Rate kW	Service Charge Revenue *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Total Revenue by Rate Class I
				Customers or Connections A	Re-basing Billed kWh B	Re-basing Billed kW C							
RES	Residential	Customer	kWh	264,080	#####		\$8.40	\$0.0205		\$26,619,264	\$46,364,408	\$0	\$72,983,672
GSLT50	General Service Less Than 50 kW	Customer	kWh	23,051	774,937,986		\$14.53	\$0.0183		\$4,019,172	\$14,181,365	\$0	\$18,200,538
GSGT50	General Service 50 to 1,499 kW	Customer	kW	3,296	#####	7,373,411	\$247.39		\$2.9918	\$9,784,769	\$0	\$22,059,772	\$31,844,541
GSGT50	General Service 1,500 to 4,999 kW	Customer	kW	81	837,604,031	1,757,833	\$3,977.89		\$2.8573	\$3,866,509	\$0	\$5,022,656	\$8,889,165
LU	Large Use	Customer	kW	11	649,903,952	1,167,396	\$14,446.68		\$2.7352	\$1,906,962	\$0	\$3,193,062	\$5,100,023
USL	Unmetered Scattered Load	Connection	kWh	3,115	20,244,150		\$3.97	\$0.0198		\$148,399	\$400,834	\$0	\$549,233
Sen	Sentinel Lighting	Connection	kW	95	92,512	257	\$1.87		\$7.1332	\$2,132	\$0	\$1,833	\$3,965
SL	Street Lighting	Connection	kW	47,219	40,114,500	107,223	\$0.48		\$3.4037	\$271,981	\$0	\$364,955	\$636,936
NA	Rate Class 9	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 10	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 11	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 12	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 13	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 14	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 15	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 16	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 17	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 18	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 19	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 20	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 21	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 22	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 23	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 24	NA	NA							\$0	\$0	\$0	\$0
NA	Rate Class 25	NA	NA							\$0	\$0	\$0	\$0
										\$46,619,188	\$60,946,608	\$30,642,278	\$138,208,074

 **Ontario Energy Board**
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 To record unique rate class billing determinants and base distribution rates.

Steps:

1. Assign applicants Unique rate classes,
2. Enter billing determinants as approved in the last rate re-basing, and
3. Enter the base rates (service charge and distribution volumetric charge net of rate adders)

Instructions:

1. Select rate group from drop down in column C
2. Select rate class from drop down in column D
3. Enter number of customers in column I (A)
4. Enter kWh in column I (B) for all classes

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-Basing Billed		Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Total Revenue by Rate Class I
				Customers or Connections A	Re-Basing Billed kWh B							
USB	Standby Power General Service 50 to 1,499 kW	Customer	kW	3	15,000	\$106.38		\$1,4196	\$3,830	\$0	\$21,294	\$25,124
USB	Standby Power General Service 1,500 to 4,999 kW	Customer	kW	5	144,960	\$106.38		\$1,3022	\$6,383	\$0	\$188,767	\$195,150
USB	Standby - Large Use	Customer	kW	1	4,800	\$106.38		\$1,4451	\$1,277	\$0	\$6,936	\$8,213
NA	Rate Class 29	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 30	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 31	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 32	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 33	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 34	NA	NA						\$0	\$0	\$0	\$0
NA	Rate Class 35	NA	NA						\$0	\$0	\$0	\$0
									\$11,489	\$0	\$216,997	\$228,486



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet discloses the revenue requirement recovered by the rebased distribution rates approved in the 2008 cost of service review.

Steps:

1. From the last rebasing, identify the various inputs to determine the revenue requirement recovered by distribution rates.
2. Balance the resulting amount to sheets B1.1 and B1.2
3. Reconcile the difference if material (other than the results of rate rounding).

Applicants Rate Base			Last Rate Re-Basing Amount		
Average Net Fixed Assets					
Gross Fixed Assets - Re-Basing Opening	\$	929,900,483	A		
Add: CWIP Re-Basing Opening	\$	13,547,041	B		
Re-Basing Capital Additions	\$	56,680,558	C		
Re-Basing Capital Disposals	\$	-	D		
Re-Basing Capital Retirements	\$	-	E		
Deduct: CWIP Re-Basing Closing	-\$	15,434,670	F		
Gross Fixed Assets - Re-Basing Closing	\$	984,693,413	G		
Average Gross Fixed Assets				\$	957,296,948
					H = (A + G) / 2
Accumulated Depreciation - Re-Basing Opening	\$	466,784,727	I		
Re-Basing Depreciation Expense	\$	40,821,492	J		
Re-Basing Disposals	\$	-	K		
Re-Basing Retirements	\$	-	L		
Accumulated Depreciation - Re-Basing Closing	\$	507,606,219	M		
Average Accumulated Depreciation				\$	487,195,473
					N = (I + M) / 2
Average Net Fixed Assets				\$	470,101,475
					O = H - M
Working Capital Allowance					
Working Capital Allowance Base	\$	605,634,863	P		
Working Capital Allowance Rate		12.5%	Q		
Working Capital Allowance				\$	75,704,358
					R = P * Q
Rate Base				\$	545,805,833
					S = O + R
Return on Rate Base					
Deemed ShortTerm Debt %		4.00%	T	\$	21,832,233
Deemed Long Term Debt %		56.00%	U	\$	305,651,267
Deemed Equity %		40.00%	V	\$	218,322,333
					W = S * T
					X = S * U
					Y = S * V
Short Term Interest		4.47%	Z	\$	975,901
Long Term Interest		5.26%	AA	\$	16,071,823
Return on Equity		8.57%	AB	\$	18,710,224
Return on Rate Base				\$	35,757,948
					AF = AC + AD + AE
Distribution Expenses					
OM&A Expenses	\$	57,088,043	AG		
Amortization	\$	40,821,492	AH		
Ontario Capital Tax (F1.1 Z-Factor Tax Changes)	\$	1,238,635	AI		
Grossed Up PILS (F1.1 Z-Factor Tax Changes)	\$	9,937,684	AJ		
Low Voltage	\$	-	AK		
Transformer Allowance	\$	1,158,564	AL		
	\$	-	AM		
	\$	-	AN		
	\$	-	AO		
				\$	110,244,417
					AP = SUM (AG : AO)
Revenue Offsets					
Specific Service Charges	-\$	2,956,045	AQ		
Late Payment Charges	-\$	1,600,000	AR		
Other Distribution Income	-\$	1,110,226	AS		
Other Income and Deductions	-\$	1,919,869	AT	-\$	7,586,140
					AU = SUM (AQ : AT)
Revenue Requirement from Distribution Rates				\$	138,416,225
					AV = AP + AU
Rate Classes Revenue					
Rate Classes Revenue - General (B1.1 Re-Basing Revenue - Gen)	\$	138,208,074	AW		
Rate Classes Revenue - Unique (B2.1 Re-Basing Revenue - Unique)	\$	228,486	AX		
Rate Classes Revenue - Total				\$	138,436,560
					AY = AW + AX
Difference				-\$	20,335
					AZ = AV - AY
Difference (Percentage - should be less than 1%)					-0.01%

 **Ontario Energy Board**
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet may be completed by applicants required to make adjustment to revenue cost ratios. This sheet captures the allocation of costs to the affected rate classes.

Steps:

1. From the last rebasing identify the cost allocation study used.
2. Enter the original revenue and expenses to the assigned rate classes.

Note:

This sheet may be completed by applicants required to make revenue cost ratio adjustments. The completion of the revenue component is

Rate Class	Total Revenue	% of Revenue	Total Expenses	% of Cost	Allocated Net Income	% of All NI	Total Expenses plus	% Tot Exp plus All NI	Revenue/Cost Ratio %
	A	B = A / \$J	C	D = C / \$K	(NI) E	F = E / \$L	Allocated Net Income G = C + D	H = G / \$M	
Residential							\$ -		
General Service Less Than 50 kW							\$ -		
General Service 50 to 1,499 kW							\$ -		
General Service 1,500 to 4,999 kW							\$ -		
Large Use							\$ -		
Unmetered Scattered Load							\$ -		
Sentinel Lighting							\$ -		
Street Lighting							\$ -		
Rate Class 9							\$ -		
Rate Class 10							\$ -		
Rate Class 11							\$ -		
Rate Class 12							\$ -		
Rate Class 13							\$ -		
Rate Class 14							\$ -		
Rate Class 15							\$ -		
Rate Class 16							\$ -		
Rate Class 17							\$ -		
Rate Class 18							\$ -		
Rate Class 19							\$ -		
Rate Class 20							\$ -		
Rate Class 21							\$ -		
Rate Class 22							\$ -		
Rate Class 23							\$ -		
Rate Class 24							\$ -		
Rate Class 25							\$ -		
	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	
	J		K		L		M		



Ontario Energy Board

Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet may be completed by applicants who have unique rate classes requiring adjustment to revenue cost ratios. This sheet captures the allocation of costs to the affected rate classes.

Steps:

1. From the last rebasing, identify the cost allocation study used.
2. Enter the original revenue and expenses to the assigned rate classes.

Note:

This sheet may be completed by applicants required to make revenue cost ratio adjustments. The completion of the revenue

Rate Class	Total Revenue		Total Expenses		Allocated Net Income (NI)		Total Expenses plus Allocated Net Income		Revenue/Cost Ratio % I = A / H
	A	B = A / \$J	C	D = C / \$K	E	F = E / \$L	G = C + D	H = G / \$M	
Standby Power General Service 50 to 1,499 kW							\$ -	-	
Standby Power General Service 1,500 to 4,999 kW							\$ -	-	
Standby - Large Use							\$ -	-	
Rate Class 29							\$ -	-	
Rate Class 30							\$ -	-	
Rate Class 31							\$ -	-	
Rate Class 32							\$ -	-	
Rate Class 33							\$ -	-	
Rate Class 34							\$ -	-	
Rate Class 35							\$ -	-	
	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%	
	J		K		L		M		



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet shows the calculation of expenses for general classes when applied to the re-based revenue as calculated on sheet B1.1. The result is the revenue cost ratio from the re-basing.

Note:

It is important that the ratios in E (column K) be close to those in the rebasing Decision, or supplied in support of the draft Rate Order. If the difference is material, then 1) the applicant may wish to check the accuracy of the inputs at B1.1, or 2) assure that the anomaly is not due to a unique classe that prevents a proper reconciliation.

Rate Class	% of Revenue		Total Expenses plus Allocated Net Income C	% Tot Exp plus All NI D = C / \$I	Revenue/ Cost Ratio % E = B / D	% Recovered from Monthly Service Charge F	% Recovered from Volumetric Distribution Charge G
	A	B = A / \$H					
Residential	\$ 72,983,672	52.8%				36.5%	63.5%
General Service Less Than 50 kW	\$ 18,200,538	13.2%				22.1%	77.9%
General Service 50 to 1,499 kW	\$ 31,844,541	23.0%				30.7%	69.3%
General Service 1,500 to 4,999 kW	\$ 8,889,165	6.4%				43.5%	56.5%
Large Use	\$ 5,100,023	3.7%				37.4%	62.6%
Unmetered Scattered Load	\$ 549,233	0.4%				27.0%	73.0%
Sentinel Lighting	\$ 3,965	0.0%				53.8%	46.2%
Street Lighting	\$ 636,936	0.5%				42.7%	57.3%
Rate Class 9	\$ -	0.0%					
Rate Class 10	\$ -	0.0%					
Rate Class 11	\$ -	0.0%					
Rate Class 12	\$ -	0.0%					
Rate Class 13	\$ -	0.0%					
Rate Class 14	\$ -	0.0%					
Rate Class 15	\$ -	0.0%					
Rate Class 16	\$ -	0.0%					
Rate Class 17	\$ -	0.0%					
Rate Class 18	\$ -	0.0%					
Rate Class 19	\$ -	0.0%					
Rate Class 20	\$ -	0.0%					
Rate Class 21	\$ -	0.0%					
Rate Class 22	\$ -	0.0%					
Rate Class 23	\$ -	0.0%					
Rate Class 24	\$ -	0.0%					
Rate Class 25	\$ -	0.0%					
	\$ 138,208,074	100.0%	\$ -	0.0%			
	H		I				



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet shows the calculation of expenses for unique classes when applied to the re-based revenue as calculated on sheet B2.1. The result is the revenue cost ratio from the re-basing.

Rate Class	Total Revenue	% of Revenue	Total Expenses plus Allocated Net Income	% Tot Exp plus All NI	Revenue/Cost Ratio %	% Recovered from Monthly Service Charge	% Recovered from Volumetric Distribution Charge
	A	B = A / \$H	C	D = C / \$I	E = B / D	F	G
Standby Power General Service 50 to 1,499 kW	\$ 25,124	11.0%				15.2%	84.8%
Standby Power General Service 1,500 to 4,999 kW	\$ 195,150	85.4%				3.3%	96.7%
Standby - Large Use	\$ 8,213	3.6%				15.5%	84.5%
Rate Class 29	\$ -	0.0%					0.0%
Rate Class 30	\$ -	0.0%					0.0%
Rate Class 31	\$ -	0.0%					0.0%
Rate Class 32	\$ -	0.0%					0.0%
Rate Class 33	\$ -	0.0%					0.0%
Rate Class 34	\$ -	0.0%					0.0%
Rate Class 35	\$ -	0.0%					0.0%
	\$ 228,486	100.0%	\$ -	0.0%			
	H		I				

Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet aids in the re-allocation of revenues for general classes. The result is the revenue cost ratio adjustment as required.

Steps:

1. The "Adjust Revenue/Cost Ratio %" (B) is originally set to the value shown in (A).
2. By entering the value(s) of the target ratio as required against the rate class that are to be adjusted, a formulaic adjustment to the current rate in proportion to the classes fixed variable split will result.
3. The value computed in step 2 will not complete the transition to the new ratio. The applicant can perform a "goal seek" calculation which will adjust the input variable to arrive at the target. On the menu bar select "Tools" -> "Goal Seek" -> "Set Cell" (select cell in column C) -> "To Value" (enter target value i.e. .58) -> "By Changing Value" (select cell in column B). To work properly column B must have a numeric value.
4. Once the target values are set, the applicant can iterate the ratios for each rate class. The objective is to obtain an "Out of Balance" value (under column F) close to Zero. This can be achieved by using goal seek, solver or manual iteration adjustments.
5. Manual adjustments can also be entered in Columns G, H & I.
6. Transfer the resultant adjustments found in Columns J, K & L to the 2009 OEB 3GIRM Rate Generator sheet "D1.2 Reven Cost Ratio Adj-Gen"

Rate Class	Current Revenue/Cost Ratio % A	Adjust Revenue/Cost Ratio % B	Resultant Revenue/Cost Ratio % C	Formulaic Adjustment to Service Charge D	Formulaic Adjustment to Distribution Volumetric Rate kWh E	Formulaic Adjustment to Distribution Volumetric Rate kW F	Manual Adjustment to Service Charge G	Manual Adjustment to Distribution Volumetric Rate kWh H	Manual Adjustment to Distribution Volumetric Rate kW I	Resultant Adjustment to Service Charge J	Resultant Adjustment to Distribution Volumetric Rate kWh K	Resultant Adjustment to Distribution Volumetric Rate kW L	Base % Recovered from Monthly Service Charge M	Base % Recovered from Volumetric Distribution Charge N	Ratio Adjusted% Recovered from Monthly Service Charge O	Ratio Adjusted % Recovered from Volumetric Distribution Charge P	Ratio Adjusted Total Revenue Q	Ratio Adjusted % of Revenue R	Ratio Adjusted Total Expenses plus Allocated Net Income S	Ratio Adjusted % of Total Exp plus All NI T
Residential				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	36.5%	63.5%	36.5%	63.5%	\$ 72,983,672	52.8%	\$ -	
General Service Less Than 50 KW				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	22.1%	77.9%	22.1%	77.9%	\$ 18,200,538	13.2%	\$ -	
General Service 50 to 1,499 kW				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	30.7%	69.3%	30.7%	69.3%	\$ 31,844,541	23.0%	\$ -	
General Service 1,500 to 4,999 kW				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	43.5%	56.5%	43.5%	56.5%	\$ 8,889,165	6.4%	\$ -	
Large Use				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	37.4%	62.6%	37.4%	62.6%	\$ 5,100,023	3.7%	\$ -	
Unmetered Scattered Load				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	27.0%	73.0%	27.0%	73.0%	\$ 549,233	0.4%	\$ -	
Sentinel Lighting				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	53.8%	46.2%	53.8%	46.2%	\$ 3,965	0.5%	\$ -	
Street Lighting				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -	42.7%	57.3%	42.7%	57.3%	\$ 636,936	0.5%	\$ -	
Rate Class 9				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 10				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 11				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 12				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 13				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 14				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 15				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 16				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 17				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 18				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 19				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 20				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 21				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 22				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 23				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 24				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Rate Class 25				\$ -	\$ -	\$ -				\$ -	\$ -	\$ -					\$ -	0.0%	\$ -	
Out of balance						\$0.00											\$138,208,074	100.0%	\$ -	0.0%

 **Ontario Energy Board**
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet aids in the re-allocation of revenues for Unique classes (if applicable). The result is the revenue to cost ratio adjustment as required.

Steps:

1. The "Adjust Revenue/Cost Ratio %" (B) is originally set to the value shown in (A).
2. By entering the value(s) of the target ratio (as required) against the rate classes that are to be adjusted, this will result in a formulaic adjustment to the current rates in proportion to the class's fixed variable split.
3. The value computed in step 2 will not complete the transition to the new ratio. The applicant can perform a "goal seek" calculation which

Rate Class	Current Revenue/Cost Ratio %	Adjust Revenue/Cost Ratio %	Resultant Revenue/Cost Ratio %	Formulaic Adjustment to Service Charge	Formulaic Adjustment to Distribution Volumetric Rate kWh	Formulaic Adjustment to Distribution Volumetric Rate kW	Manual Adjustment to Service Charge	Manual Adjustment to Distribution Volumetric Rate kWh	Manual Adjustment to Distribution Volumetric Rate kW	Resultant Adjustment to Service Charge
Standby Power General Service 50 to 1,499 kW				\$ -	\$ -	\$ -				\$ -
Standby Power General Service 1,500 to 4,999 kW				\$ -	\$ -	\$ -				\$ -
Standby - Large Use				\$ -	\$ -	\$ -				\$ -
Rate Class 29				\$ -	\$ -	\$ -				\$ -
Rate Class 30				\$ -	\$ -	\$ -				\$ -
Rate Class 31				\$ -	\$ -	\$ -				\$ -
Rate Class 32				\$ -	\$ -	\$ -				\$ -
Rate Class 33				\$ -	\$ -	\$ -				\$ -
Rate Class 34				\$ -	\$ -	\$ -				\$ -
Rate Class 35				\$ -	\$ -	\$ -				\$ -

Ontario Energy Board
 Commission de l'énergie de l'Ontario
 2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet shows the result of the changes to ratio's from Sheet 3.1.

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections	Billed kWh	Billed kW	Base Service Charge	Ratio Adjustment to Service Charge		Ratio Adjusted Service Charge	Base Distribution Volumetric Rate kWh	Ratio Adjustment to Distribution Volumetric Rate		Ratio Adjusted Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Ratio Adjustment to Distribution Volumetric Rate		Ratio Adjusted Distribution Volumetric Rate kW
							D	E			F = D + E	G			H	I = G + H	
Residential	Customer	kWh	264,080	2,261,678,461	-	\$8.40	\$0.00	\$8.40	\$0.0205	\$0.0000	\$0.0205	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
General Service Less Than 50 kW	Customer	kWh	23,051	774,937,986	-	\$14.53	\$0.00	\$14.53	\$0.0183	\$0.0000	\$0.0183	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
General Service 50 to 1,499 kW	Customer	kW	3,296	3,120,930,871	7,373,411	\$247.39	\$0.00	\$247.39	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$2.9918	\$0.0000	\$2.9918	\$2.9918	
General Service 1,500 to 4,999 kW	Customer	kW	81	837,604,031	1,757,833	\$3,977.89	\$0.00	\$3,977.89	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$2.8573	\$0.0000	\$2.8573	\$2.8573	
Large Use	Customer	kW	11	649,903,952	1,167,396	\$14,446.68	\$0.00	\$14,446.68	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$2.7352	\$0.0000	\$2.7352	\$2.7352	
Unmetered Scattered Load	Connection	kWh	3,115	20,244,150	-	\$3.97	\$0.00	\$3.97	\$0.0198	\$0.0000	\$0.0198	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Sentinel Lighting	Connection	kW	95	92,512	257	\$1.87	\$0.00	\$1.87	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$7.1332	\$0.0000	\$7.1332	\$7.1332	
Street Lighting	Connection	kW	47,219	40,114,500	107,223	\$0.48	\$0.00	\$0.48	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$3.4037	\$0.0000	\$3.4037	\$3.4037	
Rate Class 9	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 10	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 11	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 12	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 13	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 14	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 15	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 16	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 17	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 18	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 19	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 20	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 21	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 22	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 23	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 24	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
Rate Class 25	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	

Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet shows the result of the changes to ratios from Sheet 3.2.

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections	Billed kWh	Billed kW	Ratio Adjustment			Base Distribution Volumetric Rate kWh	Ratio Adjustment to Distribution Volumetric Rate kWh	Ratio Adjusted Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Ratio Adjustment to Distribution Volumetric Rate kW	Ratio Adjusted Distribution Volumetric Rate kW
						Base Service Charge	to Service Charge	Ratio Adjusted Service Charge						
			A	B	C	D	E	F = D + E	G	H	I = G + H	J	K	L = J + K
Standby Power General Service 50 to 1,499 kW	Customer	kW	3	-	15,000	\$106.38	\$0.00	\$106.38	\$0.0000	\$0.0000	\$0.0000	\$1.4196	\$0.0000	\$1.4196
Standby Power General Service 1,500 to 4,999 kW	Customer	kW	5	-	144,960	\$106.38	\$0.00	\$106.38	\$0.0000	\$0.0000	\$0.0000	\$1.3022	\$0.0000	\$1.3022
Standby - Large Use	Customer	kW	1	-	4,800	\$106.38	\$0.00	\$106.38	\$0.0000	\$0.0000	\$0.0000	\$1.4451	\$0.0000	\$1.4451
Rate Class 29	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 30	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 31	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 32	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 33	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 34	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Rate Class 35	NA	NA	-	-	-	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Base Service Charge Revenue	Base Distribution	Base Distribution	Base Total Revenue by Rate Class	Ratio Adjustment to Service Charge Revenue	Ratio Adjustment to Distribution	Ratio Adjustment to Distribution	Ratio Adjustment To Total Revenue by Rate Class	Ratio Adjusted Service Charge Revenue	Ratio Adjusted Distribution	Ratio Adjusted Distribution	Ratio Adjusted Total Revenue by Rate Class	Base Service Charge % Revenue	Base Distribution	Base Distribution	Base Total % Revenue by Rate Class
	Volumetric Rate	Volumetric Rate			Volumetric Rate	Volumetric Rate			Volumetric Rate	Volumetric Rate			Volumetric Rate	Volumetric Rate	
M = A * D * 12	N = B * E	O = C * F	P = M + N + O	Q = A * G * 12	R = B * H	S = C * I	T = Q + R + S	U = A * J * 12	V = B * K	W = C * L	X = U + V + W	Y = M / \$AK	Z = N / \$AL	AA = O / \$AM	AB = P / \$AN
\$3,830	\$0	\$21,294	\$25,124	\$0	\$0	\$0	\$0	\$3,830	\$0	\$21,294	\$25,124	15.2%	0.0%	84.8%	11.0%
\$6,383	\$0	\$188,767	\$195,150	\$0	\$0	\$0	\$0	\$6,383	\$0	\$188,767	\$195,150	3.3%	0.0%	96.7%	85.4%
\$1,277	\$0	\$6,936	\$8,213	\$0	\$0	\$0	\$0	\$1,277	\$0	\$6,936	\$8,213	15.5%	0.0%	84.5%	3.6%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%		0.0%
\$11,489	\$0	\$216,997	\$228,486	\$0	\$0	\$0	\$0	\$11,489	\$0	\$216,997	\$228,486				100.0%
AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV				



Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet shows the result of the changes to ratios from Sheet 3.1 and Sheet 3.2 to result in the "Out of Balance" section.

	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Total Revenue by Rate Class
Revenue Before Cost Ratio Adjustment				
General (C3.1 CA RevCst-RateRe-alloc-Gen)	\$ 46,619,188	\$ 60,946,608	\$ 30,642,278	\$ 138,208,074
Unique (C3.2 CA RevCst-RateRe-alloc-Unq)	\$ 11,489	\$ -	\$ 216,997	\$ 228,486
Total Revenue Before Cost Ratio Adjustment	\$ 46,630,677	\$ 60,946,608	\$ 30,859,275	\$ 138,436,560
Revenue Cost Ratio Adjustment				
General (C3.1 CA RevCst-RateRe-alloc-Gen)	\$ -	\$ -	\$ -	\$ -
Unique (C3.2 CA RevCst-RateRe-alloc-Unq)	\$ -	\$ -	\$ -	\$ -
Total Revenue Cost Ratio Adjustment	\$ -	\$ -	\$ -	\$ -
Revenue After Cost Ratio Adjustment				
General (C3.1 CA RevCst-RateRe-alloc-Gen)	\$ 46,619,188	\$ 60,946,608	\$ 30,642,278	\$ 138,208,074
Unique (C3.2 CA RevCst-RateRe-alloc-Unq)	\$ 11,489	\$ -	\$ 216,997	\$ 228,486
Total Revenue After Cost Ratio Adjustment	\$ 46,630,677	\$ 60,946,608	\$ 30,859,275	\$ 138,436,560
Out of Balance				
Before Cost Ratio Adjustment	\$ 46,630,677	\$ 60,946,608	\$ 30,859,275	\$ 138,436,560
After Cost Ratio Adjustment	\$ 46,630,677	\$ 60,946,608	\$ 30,859,275	\$ 138,436,560
Total	\$ -	\$ -	\$ -	\$ -



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet is only required to be completed if the applicant is intending to apply for incremental capital. This sheet captures the Billing Determinants from the "Most Recent Year" (i.e. 2007 Actual) as required to calculate the "Growth" function to be used for the Incremental Capital Threshold calculation.

Instructions:

1. Enter number of customers in column H (A)
2. Enter kWh in column I (B) for all classes
3. Enter kW in column J (C) for customer groups billed in kW or kVA

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections			Base Service Charge	Base Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Total Revenue by Rate Class
			A	B	C							
Residential	Customer	kWh	0	0	0	\$8.40	\$0.0205	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
General Service Less Than 50 kW	Customer	kWh	0	0	0	\$14.53	\$0.0183	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
General Service 50 to 1,499 kW	Customer	kW	0	0	0	\$247.39	\$0.0000	\$2.9918	\$0.00	\$0.00	\$0.00	\$0.00
General Service 1,500 to 4,999 kW	Customer	kW	0	0	0	\$3,977.89	\$0.0000	\$2.8573	\$0.00	\$0.00	\$0.00	\$0.00
Large Use	Customer	kW	0	0	0	\$14,446.68	\$0.0000	\$2.7352	\$0.00	\$0.00	\$0.00	\$0.00
Unmetered Scattered Load	Connection	kWh	0	0	0	\$3.97	\$0.0198	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Sentinel Lighting	Connection	kW	0	0	0	\$1.87	\$0.0000	\$7.1332	\$0.00	\$0.00	\$0.00	\$0.00
Street Lighting	Connection	kW	0	0	0	\$0.48	\$0.0000	\$3.4037	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 9	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 10	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 11	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 12	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 13	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 14	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 15	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 16	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 17	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 18	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 19	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 20	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 21	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 22	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 23	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 24	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 25	NA	NA	0	0	0	\$0.00	\$0.0000	\$0.0000	\$0.00	\$0.00	\$0.00	\$0.00
									\$0.00	\$0.00	\$0.00	\$0.00



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet is only required to be completed if the applicant is intending to apply for incremental capital. This sheet captures the Billing Determinants from the "Most Recent Year" (i.e. 2007 Actual) as required to calculate the "Growth" function to be used for the Incremental Capital Threhold calculation.

Instructions:

1. Enter number of customers in column H (A)
2. Enter kWh in column I (B) for all classes
3. Enter kW in column J (C) for customer groups billed in kW or kVA

Rate Class	Fixed Metric	Vol Metric	Billed Customers or Connections			Base Service Charge D	Base Distribution	Base Distribution	Service Charge Revenue 12	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Total Revenue by Rate Class I
			A	B	C		Volumetric Rate kWh E	Volumetric Rate kW F		H = B * E	I = C * F	
Standby Power General Service 50 to 1,499 kW	Customer	kW	0	0	0	\$106.38	\$0.00	\$1.42	\$0.00	\$0.00	\$0.00	\$0.00
Standby Power General Service 1,500 to 4,999 kW	Customer	kW	0	0	0	\$106.38	\$0.00	\$1.30	\$0.00	\$0.00	\$0.00	\$0.00
Standby - Large Use	Customer	kW	0	0	0	\$106.38	\$0.00	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 29	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 30	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 31	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 32	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 33	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 34	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Rate Class 35	NA	NA	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
									\$0.00	\$0.00	\$0.00	\$0.00



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet determines the capital structure transition adjustment necessary for the utility. It is based on the Rate Base as shown on Sheet B3.1.

Capital Structure Transition

Size of Utility (Rate Base)

Year	Small [\$0, \$100M)			Med-Small [\$100M,\$250M)			Med-Large [\$250M,\$1B)			Large >=\$1B		
	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity	Short Term Debt	Long Term Debt	Equity
2007	4.0%	46.0%	50.0%	4.0%	51.0%	45.0%	4.0%	56.0%	40.0%	4.0%	61.0%	35.0%
2008	4.0%	49.3%	46.7%	4.0%	53.5%	42.5%	4.0%	56.0%	40.0%	4.0%	58.5%	37.5%
2009	4.0%	52.7%	43.3%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%
2010	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%	4.0%	56.0%	40.0%

Rate Base	A	\$545,805,833
Size of Utility	B	Med-Large

Deemed Capital Structure

	Short Term	Long Term	Equity
	Debt	Debt	
2008	4.0%	56.0%	40.0%
2009	4.0%	56.0%	40.0%



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet calculates the K-Factor adjustment as determined from Sheet "E1.1". The K-factor value as calculated below (AX) should be entered on Sheet "D2.2 K-Factor Adjustment - Gen" and Sheet "D2.2 K-Factor Adjustment - Uniq".

Applicants Rate Base			Last Rate Re-Basing Amount
Average Net Fixed Assets			
Gross Fixed Assets - Re-Basing Opening	\$ 929,900,483	A	
Add: CWIP Re-Basing Opening	\$ 13,547,041	B	
Re-Basing Capital Additions	\$ 56,680,558	C	
Re-Basing Capital Disposals	\$ -	D	
Re-Basing Capital Retirements	\$ -	E	
Deduct: CWIP Re-Basing Closing	-\$ 15,434,670	F	
Gross Fixed Assets - Re-Basing Closing	\$ 984,693,413	G	
Average Gross Fixed Assets			\$ 957,296,948 H
Accumulated Depreciation - Re-Basing Opening	\$ 466,784,727	I	
Re-Basing Depreciation Expense	\$ 40,821,492	J	
Re-Basing Disposals	\$ -	K	
Re-Basing Retirements	\$ -	L	
Accumulated Depreciation - Re-Basing Closing	\$ 507,606,219	M	
Average Accumulated Depreciation			\$ 487,195,473 N
Average Net Fixed Assets			\$ 470,101,475 O
Working Capital Allowance			
Working Capital Allowance Base	\$ 605,634,863	P	
Working Capital Allowance Rate	12.5%	Q	
Working Capital Allowance			\$ 75,704,358 R
Rate Base			\$ 545,805,833 S
Return on Rate Base			
Deemed Short Term Debt %	4.00%	T	\$ 21,832,233 W
Deemed Long Term Debt %	56.00%	U	\$ 305,651,267 X
Deemed Equity %	40.00%	V	\$ 218,322,333 Y
Short Term Interest	4.47%	Z	\$ 975,901 AC
Long Term Interest	5.26%	AA	\$ 16,071,823 AD
Return on Equity	8.57%	AB	\$ 18,710,224 AE
Return on Rate Base			\$ 35,757,948 AF
Distribution Expenses			
OM&A Expenses	\$ 57,088,043	AG	
Amortization	\$ 40,821,492	AH	
Ontario Capital Tax	\$ 1,238,635	AI	
Grossed Up PILs	\$ 9,937,684	AJ	
Low Voltage	\$ -	AK	
Transformer Allowance	\$ 1,158,564	AL	
	\$ -	AM	
	\$ -	AN	
	\$ -	AO	
			\$ 110,244,417 AP
Revenue Offsets			
Specific Service Charges	-\$ 2,956,045	AQ	
Late Payment Charges	-\$ 1,600,000	AR	
Other Distribution Income	-\$ 1,110,226	AS	
Other Income and Deductions	-\$ 1,919,869	AT	-\$ 7,586,140 AU
Revenue Requirement from Distribution Rates (after Capital Structure Transition)			\$ 138,416,225 AV
Revenue Requirement from Distribution Rates (Before Capital Structure Transition)			\$ 138,416,225 AW
K-factor Adjustment			0.00% AX

Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet calculates "Shared Tax Saving Rate Rider"

Instructions:

1. If the CCA rate changes were not applied in the re-basing then the appropriate values should be inputted here.
2. Enter the Taxable Capital amount and Deduction used in the last re-basing for the Ontario Taxable Capital calculation.
3. Enter the Regulatory Taxable Income used in the last rebasing to calculated PILs.

Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from CCA Rate Changes

Please note that the component with respect to CCA rates need only be completed if the affected changes were not applied in the 2008 COS process.

Computer Equipment (All Class 45 - If no change made)

Opening UCC Balance - Jan 1, 2007	\$ -
UCC Purchases / Additions to March 18, 2007	\$ -
UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	45%
Total CCA Test Year - Computer Equipment (Class 45 - No Change)	\$ -

Computer Equipment (Class 45 - If change made)

Opening UCC Balance - Jan 1, 2007	\$ -
UCC Purchases / Additions to March 18, 2007	\$ -
UCC Balance - former tax rule CCA rate	\$ -
CCA Rate	45%
CCA Test Year - Computer Equipment (Class 45 - No Change)	\$ -

Computer Equipment (Class 50 - If change made)

UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	55%
CCA Test Year	\$ -

Total CCA Test Year - Computer Equipment - If change made

\$ -

Affected Computer Equipment (Class 50 - As included in re-basing)

UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	45%
CCA Test Year (Class 50 - As included in re-basing)	\$ -

Change in CCA - Computer Equipment (Class 45; New Class 50)

2008	2009	2010	2011	2012
\$ -	\$ -	\$ -	\$ -	\$ -

Distribution Assets (All Class 1 - If no change made)

Opening UCC Balance - Jan 1, 2007	\$ -
UCC Purchases / Additions to March 18, 2007	\$ -
UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	4%
Total CCA Test Year - Distribution Assets (Class 1 - No Change)	\$ -

Distribution Assets (Class 4 - If change made)

Opening UCC Balance - Jan 1, 2007	\$ -
UCC Purchases / Additions to March 18, 2007	\$ -
UCC Balance - former tax rule CCA rate	\$ -
CCA Rate	4%
CCA Test Year - Computer Equipment (Class 45 - No Change)	\$ -

Distribution Assets (Class 1.1 - If change made)

UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	6%
CCA Test Year	\$ -

Total CCA Test Year - Distribution Assets - If change made

\$ -

Affected Distribution Assets (Class 1.1 - As included in re-basing)

UCC Purchases / Additions on or after March 19, 2007	\$ -
Closing UCC Balance - Dec 31, 2007	\$ -
UCC Purchases / Additions in Test Year 2008	\$ -
UCC Before 1/2 Yr Adjustment	\$ -
1/2 Year Rule (1/2 Additions Less Disposals)	\$ -
Reduced UCC	\$ -
CCA Rate - former tax rule CCA rate	4%
Affected Distribution Assets CCA Test Year (Class 1.1 - As included in re-basing)	\$ -

	2008	2009	2010	2011	2012
Change in CCA - Distribution Assets (Class 1; New Class 1.1)	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Difference	\$ -	\$ -	\$ -	\$ -	\$ -
Tax Rate (Anticipated Corporate Income Tax Rates during IR term)	33.5%	33.0%	32.0%	30.5%	29.0%
Tax Impact	\$ -	\$ -	\$ -	\$ -	\$ -
Grossed-up Tax Amount	\$ -	\$ -	\$ -	\$ -	\$ -
2. Tax Related Amounts Forecast from Capital Tax Rate Changes					
	2008	2009	2010	2011	2012
Taxable Capital	\$565,504,431	\$565,504,431	\$565,504,431	\$565,504,431	\$565,504,431
Deduction from taxable capital up to \$15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000
Net Taxable Capital	\$550,504,431	\$550,504,431	\$550,504,431	\$550,504,431	\$550,504,431
Rate	0.225%	0.225%	0.150%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ 1,238,635	\$ 1,238,635	\$ 411,747	\$ -	\$ -
3. Tax Related Amounts Forecast from Income Tax Rate Changes					
	2008	2009	2010	2011	2012
Regulatory Taxable Income	\$ 19,727,043	\$ 19,727,043	\$ 19,727,043	\$ 19,727,043	\$ 19,727,043
Corporate Tax Rate	33.5%	33.0%	32.0%	30.5%	29.0%
Tax Impact	\$ 6,608,560	\$ 6,509,924	\$ 6,312,654	\$ 6,016,748	\$ 5,720,843
Grossed-up Tax Amount	\$ 9,937,684	\$ 9,716,305	\$ 9,283,315	\$ 8,657,192	\$ 8,057,525
Tax Related Amounts Forecast from CCA Rate Changes	\$ -	\$ -	\$ -	\$ -	\$ -
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ 1,238,635	\$ 1,238,635	\$ 411,747	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 9,937,684	\$ 9,716,305	\$ 9,283,315	\$ 8,657,192	\$ 8,057,525
Total Tax Related Amounts	\$ 11,176,318	\$ 10,954,940	\$ 9,695,062	\$ 8,657,192	\$ 8,057,525
Incremental Tax Savings		\$ - 221,379	\$ - 1,481,257	\$ - 2,519,127	\$ - 3,118,794
Total Tax Savings (2009 - 2012)					\$ - 7,340,556
Sharing of Tax Savings (50%)		\$ - 110,689	\$ - 740,628	\$ - 1,259,563	\$ - 1,559,397
Total Sharing of Tax Savings (50%)					\$ - 3,670,278

 **Ontario Energy Board**
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet calculates "Shared Tax Saving Rate Rider" based on Option A: Fixed Variable split.
 The applicant may elect to enter the calculated rate riders as found under Columns K, L, & M onto Sheet "J2.5 Tax Change Rate Rider"
 The applicant may alternatively elect to use Option B based on Volumetric allocation or calculate an alternative rate rider.
 The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

Rate Class	Fixed Metric	Vol Metric	Distribution			Service Charge Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Service Charge Revenue D = \$N * A	Distribution Volumetric Rate Revenue kWh E = \$N * B	Distribution Volumetric Rate Revenue kW F = \$N * C	Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections			Service Charge Rate Rider K = D / H / 12	Distribution Volumetric Rate kWh Rate Rider L = E / I	Distribution Volumetric Rate kW Rate Rider M = F / J
			Charge % Revenue A	Rate % Revenue kWh B	Rate % Revenue kW C								H	I	J			
Residential	Customer	kWh	19.3%	33.5%	0.0%	-\$ 21,319.07	37,132.73	\$ -	-\$ 58,451.80	264,080	2,261,678,461	0	-\$0.0067270	-\$0.0000160				
General Service Less Than 50 kW	Customer	kWh	2.9%	10.3%	0.0%	-\$ 3,218.91	11,357.69	\$ -	-\$ 14,576.60	23,051	774,937,986	0	-\$0.0116370	-\$0.0000150				
General Service 50 to 1,499 kW	Customer	kW	7.1%	0.0%	16.0%	-\$ 7,836.51		-\$	17,667.42	3,296	3,120,930,871	7,373,411	-\$0.1981320	\$0.0000000	-\$0.0023960			
General Service 1,500 to 4,999 kW	Customer	kW	2.8%	0.0%	3.6%	-\$ 3,096.64		-\$	4,022.59	81	837,604,031	1,757,833	-\$3.1858470	\$0.0000000	-\$0.0022880			
Large Use	Customer	kW	1.4%	0.0%	2.3%	-\$ 1,527.26		-\$	2,557.29	11	649,903,952	1,167,396	-\$11.5701820	\$0.0000000	-\$0.0021910			
Unmetered Scattered Load	Connection	kWh	0.1%	0.3%	0.0%	-\$ 118.85	321.02	\$ -	-\$ 439.87	3,115	20,244,150	0	-\$0.0031800	-\$0.0000160				
Sentinel Lighting	Connection	kW	0.0%	0.0%	0.0%	-\$ 1.71		-\$	1.47	95	92,512	257	-\$0.0014980	\$0.0000000	-\$0.0057130			
Street Lighting	Connection	kW	0.2%	0.0%	0.3%	-\$ 217.83		-\$	292.29	47,219	40,114,500	107,223	-\$0.0003840	\$0.0000000	-\$0.0027260			
Rate Class 9	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 10	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 11	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 12	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 13	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 14	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 15	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 16	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 17	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 18	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 19	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 20	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 21	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 22	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 23	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 24	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
Rate Class 25	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	\$ -	0	0	0						
			33.7%	44.1%	22.2%	-\$37,336.78	-\$48,811.45	-\$24,541.05	-\$110,689.28									

N



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet calculates "Shared Tax Saving Rate Rider" based on Option B: Volumetric allocation .
 The applicant may elect to enter the calculated rate riders as found under Columns F & G onto Sheet "J2.5 Tax Change Rate Rider"

The applicant may alternatively elect to use Option A based on Fixed Variable split or calculate an alternative rate rider.

The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

Rate Class	Fixed Metric	Vol Metric	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	Customer	kWh	\$72,983,672	52.81%	-\$58,452	2,261,678,461	0	-\$0.000026	
General Service Less Than 50 kW	Customer	kWh	\$18,200,538	13.17%	-\$14,577	774,937,986	0	-\$0.000019	
General Service 50 to 1,499 kW	Customer	kW	\$31,844,541	23.04%	-\$25,504	3,120,930,871	7,373,411		-\$0.003459
General Service 1,500 to 4,999 kW	Customer	kW	\$8,889,165	6.43%	-\$7,119	837,604,031	1,757,833		-\$0.004050
Large Use	Customer	kW	\$5,100,023	3.69%	-\$4,085	649,903,952	1,167,396		-\$0.003499
Unmetered Scattered Load	Connection	kWh	\$549,233	0.40%	-\$440	20,244,150	0	-\$0.000022	
Sentinel Lighting	Connection	kW	\$3,965	0.00%	-\$3	92,512	257		-\$0.012356
Street Lighting	Connection	kW	\$636,936	0.46%	-\$510	40,114,500	107,223		-\$0.004758
Rate Class 9	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 10	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 11	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 12	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 13	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 14	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 15	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 16	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 17	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 18	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 19	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 20	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 21	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 22	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 23	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 24	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 25	NA	NA	\$0	0.00%	\$0	0	0		
			<u>\$138,208,074</u>	<u>100.00%</u>	<u>-\$110,689</u>				
			H		I				



Ontario Energy Board

Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet calculates "Price Cap Index" and the "Growth" value to be used in the Incremental Capital Threshold calculation.

The Price Cap Index is also to be entered on Sheet "F1.2 Price Cap Adjustment - Gen" and Sheet "F1.3 Price Cap Adjustment - Unq" if applicable.

Note:

Price Cap Index

Price Escalator (GDP-IPI)	2.10%
Less Productivity Factor	-0.72%
Less Stretch Factor	-0.40%

Price Cap Index **0.98%**

Growth

Re-Basing - General	B1.1 Re-Basing Revenue - Gen	\$ 138,208,074	A
Re-Basing - Unique	B2.1 Re-Basing Revenue - Unique	\$ 228,486	B
Re-Basing - Total		<u>\$ 138,436,560</u>	C

Most Recent Year Reported - General D1.1 Ld Act-Mst Rcent Yr - Gen \$ - D

Most Recent Year Reported - Unique D1.2 Ld Act-Mst Rcent Yr - Uniq \$ - E

Most Recent Year Reported - Total \$ - F

Growth **0.00%** G



Ontario Energy Board
 Commission de l'énergie de l'Ontario

2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet calculates the Incremental Capital Threshold and the Incremental Capital CAPEX

Instructions:

1. The Threshold Test (L) and resultant Threshold CAPEX (M) are based on inputs from sheets "B3.1 Re-Basing Reven Requirement", "D1.1 Ld Act-Mst Rcent Yr - Gen", "D1.2 Ld Act-Mst Rcent Yr - Unq", and "G1.1 Threshold Parameters".

2. The applicant may elect to test their 2009 Proposed Capital Forecast by entering inputs as shown in Column O which calculates Proposed CAPEX" (Q).

3. If Proposed CAPEX (Q) is greater than Threshold CAPEX (M), Incremental Capital CAPEX (R) is calculated.

Year	2005	2006	2007	2008	2008	2009
Status	Actual	Actual	Actual	Re-Basing	Forecast	Proposed
Price Cap Index				0.98%	A	
Growth				0.00%	B	
Dead Band				20%	C	
Average Net Fixed Assets						
Gross Fixed Assets Opening	\$ -	\$ -	\$ -	\$ 929,900,483	\$ -	\$ -
Add: CWIP Opening	\$ -	\$ -	\$ -	\$ 13,547,041	\$ -	\$ - D
Capital Additions	\$ -	\$ -	\$ -	\$ 56,680,558	\$ -	\$ - E
Capital Disposals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Retirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deduct: CWIP Closing	\$ -	\$ -	\$ -	\$ -15,434,670	\$ -	\$ - F
Gross Fixed Assets - Closing	\$ -	\$ -	\$ -	\$ 984,693,413	\$ -	\$ -
Average Gross Fixed Assets	\$ -	\$ -	\$ -	\$ 957,296,948	\$ -	\$ -
Accumulated Depreciation - Opening	\$ -	\$ -	\$ -	\$ 466,784,727	\$ -	\$ -
Depreciation Expense	\$ -	\$ -	\$ -	\$ 40,821,492 G	\$ -	\$ -
Disposals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accumulated Depreciation - Closing	\$ -	\$ -	\$ -	\$ 507,606,219	\$ -	\$ -
Average Accumulated Depreciation	\$ -	\$ -	\$ -	\$ 487,195,473	\$ -	\$ -
Average Net Fixed Assets	\$ -	\$ -	\$ -	\$ 470,101,475 H	\$ -	\$ -
Working Capital Allowance						
Working Capital Allowance Base				\$ 605,634,863		
Working Capital Allowance Rate				13%		
Working Capital Allowance				\$ 75,704,358 I		
Rate Base				\$ 545,805,833 J = H + I		
Depreciation				G \$ 40,821,492 K		
Threshold Test				133.10%	L = 1 + (J / K) * (B + A * (1 + B)) + C	
Threshold CAPEX						\$ 54,334,688 M = K * L
Proposed CAPEX						
CWIP Opening					D \$ - N	
Capital Additions					E \$ - O	
CWIP Closing					F \$ - P	
Proposed CAPEX					\$ -	Q = N + O + P
Incremental Capital CAPEX					\$ -	R = Q - M



Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:

This sheet calculates the Depreciation Expense factor and CCA factor to be applied to Incremental CAPEX.

Instructions:

1. In order to calculate depreciation for Incremental CAPEX, a factor for the depreciation on new capital in 2009 must be inputted. This amount is exclusive of depreciation on previous period investments. The half year rule for depreciation must be applied to this calculation in order to be in compliance with OEB depreciation policy. Enter this value in Row 43 below with historical amounts for comparison. To

Balance Sheet

Year	2005	2006	2007	2008	2008	2009
Status	Actual	Actual	Actual	Re-Basing	Forecast	Proposed

Fixed Assets & Accumulated Depreciation

Gross Fixed Assets -Opening	\$ -	\$ -	\$ -	\$ 929,900,483	\$ -	\$ -
Add: CWIP - Opening	\$ -	\$ -	\$ -	\$ 13,547,041	\$ -	\$ -
Capital Additions	\$ -	\$ -	\$ -	\$ 56,680,558	\$ -	\$ -
Capital Disposals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Retirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deduct: CWIP Closing	\$ -	\$ -	\$ -	\$ 15,434,670	\$ -	\$ -
Gross Fixed Assets - Closing	\$ -	\$ -	\$ -	\$ 984,693,413	\$ -	\$ -
Accumulated Depreciation - Opening	\$ -	\$ -	\$ -	\$ 466,784,727	\$ -	\$ -
Depreciation Expense	\$ -	\$ -	\$ -	\$ 40,821,492	\$ -	\$ -
Disposals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Retirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accumulated Depreciation - Closing	\$ -	\$ -	\$ -	\$ 507,606,219	\$ -	\$ -

Depreciation Expense as a percentage of Gross Fixed Assets

Depreciation Expense on Gross Fixed Assets attributable to prior years	\$ -	\$ -	\$ -	\$ 40,821,492	\$ -	\$ -
Depreciation Expense on Gross Fixed Assets attributable to reporting years	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Depreciation Expense on Gross Fixed Assets	\$ -	\$ -	\$ -	\$ 40,821,492	\$ -	\$ -

A

Gross Fixed Assets attributable to prior years	\$ -	\$ -	\$ -	\$ 929,900,483	\$ -	\$ -
Gross Fixed Assets attributable to reporting years	\$ -	\$ -	\$ -	\$ 54,792,929	\$ -	\$ -
Gross Fixed Assets - Closing	\$ -	\$ -	\$ -	\$ 984,693,413	\$ -	\$ -

B

Depreciation Expense as a percentage of Gross Fixed Assets - Prior Years	0%	0%	0%	4%	0%	0%
Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years	0%	0%	0%	0%	0%	0%

0% C = A / B

Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years Times 2 (Two) to adjust for half-year rule

0% D = C * 2

Income Tax Return

Year	2005	2006	2007	2008	2008	2009
Status	Actual	Actual	Actual	Re-Basing	Forecast	Proposed

Undepreciated Capital Cost and Capital Cost Allowance

(as derived from CCRRA T2 SCH 8 (99))

Undepreciated capital cost at the beginning of the year	2	\$ -	\$ -	\$ -	\$ -	\$ -
Cost of acquisitions during the year (new property must be available for use)	3	\$ -	\$ -	\$ -	\$ -	\$ -
Net adjustments	4	\$ -	\$ -	\$ -	\$ -	\$ -
Proceeds of dispositions during the year (amount not to exceed the capital cost)	5	\$ -	\$ -	\$ -	\$ -	\$ -
Undepreciated capital cost	6	\$ -	\$ -	\$ -	\$ -	\$ -
50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds row 5)	7	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced undepreciated capital cost (row 6 minus row 7)	8	\$ -	\$ -	\$ -	\$ -	\$ -
Recapture of capital cost allowance	10	\$ -	\$ -	\$ -	\$ -	\$ -
Terminal loss	11	\$ -	\$ -	\$ -	\$ -	\$ -
Capital cost allowance	12	\$ -	\$ -	\$ -	\$ -	\$ -
Undepreciated capital cost at the end of the year (row 6 minus row 12)	13	\$ -	\$ -	\$ -	\$ -	\$ -

CCA on Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA on Additions To UCC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA on Other Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Claimed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

E

CCA as a percent of UCC

Opening UCC	2	\$ -	\$ -	\$ -	\$ -	\$ -
Cost of acquisitions during the year (new property must be available for use)	3	\$ -	\$ -	\$ -	\$ -	\$ -
Other Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	13	\$ -	\$ -	\$ -	\$ -	\$ -

F

CCA as a percent of Opening UCC and Disposals From UCC	0%	0%	0%	0%	0%	0%
CCA as a percent of Additions To UCC	0%	0%	0%	0%	0%	0%

0% G = E / F

Ontario Energy Board
 Commission de l'énergie de l'Ontario
 2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet calculates the Revenue Requirement for Incremental CAPEX to be recovered through the Incremental Capital Rate Rider.

Current Revenue Requirement			
Current Revenue Requirement - General		\$ 138,208,074	A
Current Revenue Requirement - Unique		\$ 228,486	B
Current Revenue Requirement - Total		\$ 138,436,560	C = A + B
Return on Rate Base			
Incremental Capital CAPEX		\$ -	D
Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years	0.00%	E	F = D * E
Incremental Capital CAPEX to be included in Rate Base		\$ -	G = D + F
Deemed ShortTerm Debt %	4.0%	H	J = G * H
Deemed Long Term Debt %	56.0%	I	K = G * I
Short Term Interest	4.47%	L	N = J * L
Long Term Interest	5.26%	M	O = K * M
Return on Rate Base - Interest		\$ -	P = N + O
Deemed Equity %	40.0%	Q	R = G * Q
Return on Rate Base -Equity	8.57%	S	T = R * S
Return on Rate Base - Total		\$ -	U = P + T
Amortization Expense			
Incremental Capital CAPEX	\$0.00	V = D	
Depreciation Expense as a percentage of Gross Fixed Assets - Reporting Years	0.00%	W	
Amortization Expense - Incremental		\$ -	X = V * W
Grossed up PIL's			
Regulatory Taxable Income		\$ -	Y = T
Add Back Amortization Expense		\$ -	Z = X
Incremental Capital CAPEX	\$0.00	AA = D	
CCA as a percent of Average UCC	0.00%	AB	
Deduct CCA		\$ -	AC = AA * AB
Incremental Taxable Income		\$ -	AD = Y + Z - AC
Current Tax Rate (F1.1 Z-Factor Tax Changes)	33.0%	AE	
PIL's Before Gross Up		\$ -	AF = AD * AE
Incremental Grossed Up PIL's		\$ -	AG = AF / (1 - AE)
Ontario Capital Tax			
Incremental Capital CAPEX		\$ -	AH = D
Less : Available Capital Exemption (if any)		\$ -	AJ
Incremental Capital CAPEX subject to OCT		\$ -	AK
Ontario Capital Tax Rate (F1.1 Z-Factor Tax Changes)	0.225%	AL	
Incremental Ontario Capital Tax		\$ -	AM = AK * AL
Incremental Revenue Requirement			
Return on Rate Base - Total		\$ -	AN
Amortization Expense - Total		\$ -	AO
Incremental Grossed Up PIL's		\$ -	AP
Incremental Ontario Capital Tax		\$ -	AQ
Incremental Revenue Requirement		\$ -	R = AN + AO + AP + A

Ontario Energy Board
 Commission de l'énergie de l'Ontario
 2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet calculates "Incremental Capital Rate Rider" based on Option A: Fixed Variable split.
 The applicant may elect to enter the calculated rate riders as found under Columns K, L & M onto Sheet "J2.5 Tax Change Rate Rider".
 The applicant may alternatively elect to use Option B based on Volumetric allocation or calculate an alternative rate rider.
 The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

Rate Class	Fixed Metric	Vol Metric	Distribution			Distribution			Total Revenue by Rate Class G = D + E + F	Billed Customers or Connections			Distribution		
			Service Charge % Revenue A	Revenue kWh B	Revenue kW C	Service Charge Revenue D = \$N * A	Revenue kWh E = \$N * B	Revenue kW F = \$N * C		H	I	J	Service Charge Rate Rider K = D / H / 12	Volumetric Rate kWh Rate Rider L = E / I	Volumetric Rate kW Rate Rider M = F / J
Residential	Customer	kWh	19.3%	33.5%	0.0%	\$ -	\$ -	\$ -	-	264,080	#####	0	\$0.000000	\$0.000000	
General Service Less Than 50 kW	Customer	kWh	2.9%	10.3%	0.0%	\$ -	\$ -	\$ -	-	23,051	774,937,986	0	\$0.000000	\$0.000000	
General Service 50 to 1,499 kW	Customer	kW	7.1%	0.0%	16.0%	\$ -	\$ -	\$ -	-	3,296	#####	7,373,411	\$0.000000	\$0.000000	\$0.000000
General Service 1,500 to 4,999 kW	Customer	kW	2.8%	0.0%	3.6%	\$ -	\$ -	\$ -	-	81	837,604,031	1,757,833	\$0.000000	\$0.000000	\$0.000000
Large Use	Customer	kW	1.4%	0.0%	2.3%	\$ -	\$ -	\$ -	-	11	649,903,952	1,167,396	\$0.000000	\$0.000000	\$0.000000
Unmetered Scattered Load	Connection	kWh	0.1%	0.3%	0.0%	\$ -	\$ -	\$ -	-	3,115	20,244,150	0	\$0.000000	\$0.000000	
Sentinel Lighting	Connection	kW	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	95	92,512	257	\$0.000000	\$0.000000	\$0.000000
Street Lighting	Connection	kW	0.2%	0.0%	0.3%	\$ -	\$ -	\$ -	-	47,219	40,114,500	107,223	\$0.000000	\$0.000000	\$0.000000
Rate Class 9	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 10	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 11	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 12	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 13	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 14	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 15	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 16	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 17	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 18	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 19	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 20	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 21	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 22	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 23	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 24	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
Rate Class 25	NA	NA	0.0%	0.0%	0.0%	\$ -	\$ -	\$ -	-	0	0	0			
			33.7%	44.1%	22.2%	\$ -	\$ -	\$ -	\$ -						

N



Ontario Energy Board
 Commission de l'énergie de l'Ontario
2009 OEB 3GIRM Supplementary Filing Module

Purpose of this sheet:
 This sheet calculates "Incremental Capital Rate Rider" based on Option B: Volumetric allocation.
 The applicant may elect to enter the calculated rate riders as found under Columns F & G onto Sheet "J2.5 Tax Change Rate Rider".
 The applicant may alternatively elect to use Option A based on Fixed Variable split or calculate an alternative rate rider.
 The instructions per the September 5, 2008 Supplementary Report of the Board on 3GIRM apply in all cases.

Rate Class	Fixed Metric	Vol Metric	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Incremental Capital \$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	Customer	kWh	\$72,983,672	52.81%	\$0	#####	0	\$0.000000	
General Service Less Than 50 kW	Customer	kWh	\$18,200,538	13.17%	\$0	774,937,986	0	\$0.000000	
General Service 50 to 1,499 kW	Customer	kW	\$31,844,541	23.04%	\$0	#####	7,373,411		\$0.000000
General Service 1,500 to 4,999 kW	Customer	kW	\$8,889,165	6.43%	\$0	837,604,031	1,757,833		\$0.000000
Large Use	Customer	kW	\$5,100,023	3.69%	\$0	649,903,952	1,167,396		\$0.000000
Unmetered Scattered Load	Connection	kWh	\$549,233	0.40%	\$0	20,244,150	0	\$0.000000	
Sentinel Lighting	Connection	kW	\$3,965	0.00%	\$0	92,512	257		\$0.000000
Street Lighting	Connection	kW	\$636,936	0.46%	\$0	40,114,500	107,223		\$0.000000
Rate Class 9	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 10	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 11	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 12	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 13	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 14	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 15	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 16	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 17	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 18	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 19	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 20	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 21	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 22	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 23	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 24	NA	NA	\$0	0.00%	\$0	0	0		
Rate Class 25	NA	NA	\$0	0.00%	\$0	0	0		
			\$138,208,074	100.00%	\$0				
			H		I				

2005 CDM Programs					Program Savings			
Program	Base Technology	Efficient Technology	Program Start Date	Rate Class	kWh Savings		kW Savings	
					Gross	Net	Gross	Net
Co-Branded Mass Markets	Incandescent bulb, do nothing	Compact fluorescent bulb, LED Christmas lights, programmable thermostat, indoor timer, outdoor timer, ceiling fan and Energuide for existing homes	Mar 23 2005	Residential	3,035,481	2,775,870	128.88	117.16
Electric Avenue	n/a	n/a	n/a	Residential	-	-	-	-
Energy Audit Support and Incentives					138,898	126,924	26.20	23.87
Water Heater Tune Up	Do Nothing	Water Heater Tune Up and Water Heater Blanket	Jan 9 2005	Residential	15,082	14,364	1.06	1.01
Smart Business Ottawa Audit Program	Do Nothing	Audit	Jan 9 2005	GS < 50 kW	-	-	-	-
Cool Shop Program	Do Nothing	Compact Fluorescent Bulb	Jan 9 2005	GS < 50 kW	123,816	112,560	25.14	22.86
Fridge Bounty	Do Nothing	Removal of Secondary Refrigerator	Dec 2 2005	Residential	690,228	627,480	156.60	142.36
Social Housing					68,207	67,532	3.23	3.24
Social Housing Services Corp. - PowerPlay	Do Nothing	Audit, Showerhead, Tank Wrap, Tank Temperature, Cold Water Detergent, Aerators, CLFs, Pipe Insulation, Clothes Dryer Rack, Window Film, Timer, Power Bar, Patio Door Film	Jan 9 2005	Residential	57,949	57,375	2.510	2.5330
Water Heater Tune Up	Do Nothing	Tune-Up, Water Heater Blankets	Jan 9 2005	Residential	10,258	10,157	0.722	0.7100
Social Housing Services Corp. - Audits	Do Nothing	Audit	Jan 9 2005	Residential	-	-	-	-
Leveraging Energy Conservation and Load Management	T12 2 Lamp Fixture	T8 2 Lamp Fixture	Oct 3 2005	Commercial, Industrial and Institutional (>1500kW)	431,165	391,968	91.62	83.29
Stand-By Generators	n/a	n/a	n/a	GS > 1500 kW	0	0	0	0
Overall Support Program	60 watt incandescent, incandescent mini lights	13 W CFL, LED Light String	April 22 2005	Residential	3,175,016	2,886,668	-	-
OTHER SUPPORT COSTS								
TOTAL					7,538,995	6,876,441	406.53	369.92

Hydro Ottawa 2005 CDM Reported Results (Data Verification)

Program	Participants/Projects		kWh		kW		Freeridership	
	Value	Data Source	Value	Data Source	Value	Data Source	Value	Data Source
Co-Branded Mass Markets	33,925	3rd Party Report	2,775,870	3rd Party Report	117.16	3rd Party Report	5 to 10%	3rd Party Report
Energy Audit and Support and Initiatives	776		126,924		23.87			
Water Heater Tune Up	163	Third Party Supplier Invoices verified by Hydro Ottawa	14,364	OEB Measure List	1.01	OEB Measure List	5%	OEB Measure List
Smart Business Ottawa Audit Program	3	Third Party Supplier Invoices verified by Hydro Ottawa	-	n/a	-	n/a	n/a	n/a
Cool Shop Program	610	3rd Party Report, verified by Hydro Ottawa	112,560	13 W and 23 W CLF (derived from OEB Measure List) and OEB Measure List	22.86	13 W and 23 W CLF (derived from OEB Measure List) and OEB Measure List	10%	OEB Measure List
Fridge Bounty	581	Third Party Supplier Invoices verified by Hydro Ottawa	627,480	OEB Measure List	142.36	OEB Measure List	10%	OEB Measure List
Social Housing	595		67,532		3.24			
PowerPlay Program	334	Third Party Supplier Invoices verified by Hydro Ottawa	57,375	OEB Measure List	2.5330	OEB Measure List	1%	OEB Measure List
Water Heater Tune Up	100	Third Party Supplier Invoices verified by Hydro Ottawa	10,157	OEB Measure List	0.7100	OEB Measure List	1%	OEB Measure List
Social Housing Services Corp. - Audits	161	Third Party Supplier Invoices verified by Hydro Ottawa	-	n/a	-	n/a	1%	Toronto Hydro EB 2007-0096 OEB Decision
Leveraging Energy Conservation and Load Management	5,444	Participant Incentive application approval	391,968	Derived from OEB Measure List	83.29	Derived from OEB Measure List	10%	Internal Assumptions based on OEB Measure List and Toronto Hydro EB 2007-0096 OEB
Overall Support Program	30,280	Third Party Supplier Invoices verified by Hydro Ottawa	2,886,668	13 W CLF (derived from OEB Measure List) and OEB Measure List	-	13 W CLF (derived from OEB Measure List) and OEB Measure List	5 to 10%	OEB Measure List

2006 CDM Programs					Program Savings			
Program	Base Technology	Efficient Technology	Program Start Date	Rate Class	kWh Savings		kW Savings	
					Gross	Net	Gross	Net
Co-Branded Mass Markets					24,278,008	21,850,207	244.33	222.12
HomeShow 2006 - CFLs	Incandescent Bulb and Average Existing Stock	CFLs	Mar 23 2006	Residential	107,622	96,860	-	-
CDM Website - Pageviews	n/a	n/a	n/a	Residential	-	-	-	-
Events Van - CFLs	Incandescent Bulb and Average Existing Stock	CFLs	May 1 2006	Residential	203,687	183,318	-	-
Powerwise promotion	n/a	n/a	n/a	Residential	-	-	-	-
School Initiative - CFLs	Incandescent Bulb and Average Existing Stock	CFLs	May 1 2006	Residential	22,898	20,609	-	-
Powerwise Brand	n/a	n/a	n/a	Residential	-	-	-	-
Spring Retail - EKC	Incandescent Bulb and Average Existing Stock	CFLs, Ceiling Fan, Timer and Programmable Thermostat	Apr 23 2006	Residential	14,679,632	13,211,668	66.92	60.84
Fall EKC	Incandescent Bulb, Average Existing Stock, 5 WATT Christmas lights C-7(25 lights) and Incandescent Mini Lights	CFLs, Base Board Programmable Thermostats, Motion Sensors, Programmable Thermostat, Dimmer Switch, LED Christmas Lights	Oct 1 2006	Residential	9,264,169	8,337,752	177.41	161.28
Electric Avenue					13,941	13,941	0.73	0.73
Electric Thermal Storage Units	Baseboard heaters	ETS Units	Jan 1 2006	Residential	2,173	2,173	-	-
Electric DHW Measures and CFLs	Do nothing, 60 watt incandescent	tank wrap, showerhead, aerators, pipe wrap, CFLs	Jan 1 2006	Residential	11,768	11,768	0.73	0.73
Education and Energuide Audits	Do nothing	10 energuide for houses audits and 5 community house presentations	Jan 1 2006	Residential	-	-	-	-
Energy Audit Support and Incentives					25,714,131	23,146,463	2,268	2,062
Powerwise Tue-Ups	Unwrapped Water Heater, 60 watt Incandescent bulbs	Tank wrap, CFLs	Jan 1 2006	Residential	20,613	19,092	0.77	0.73
Smart Business Ottawa Audits	Small Commercial status quo	Small Commercial audit	Jan 1 2006	GS < 50 kW	-	-	-	-
Cool Shops 2006	Small Commercial status quo, 60 watt incandescent, incandescent Exit Signs	Small Commercial status quo, 1,648 CFLs, 484 LED Exit sign retrofit kits	June 28 2006	GS < 50 kW	294,178	264,761	14.37	13.07

2006 CDM Programs					Program Savings			
Program	Base Technology	Efficient Technology	Program Start Date	Rate Class	kWh Savings		kW Savings	
					Gross	Net	Gross	Net
Project Porch Light	60 watt bulb	13 watt CFL	Sept 18 2006	Residential	23,994,252	21,594,827	-	-
Direct Energy ECM & AC	Mid efficiency furnace, Permanent magnet furnace fan, Low SEER Central AC	High efficiency furnace, ECM furnace fan, High SEER Central AC	April 10 2006	Residential	104,583	94,124	25.70	23.36
Keep Cool RAC Retirement	Low SEER Room Air Conditioner	RAC retirement and High SEER replacement	June 6 2006	Residential	1,236,381	1,112,742	2,227.00	2,024.43
SLED Exchange 2006	5,7 watt incandescent Xmas lights and mini-lights	LED 35 light strings	Nov 19 2006	Residential	64,124	60,918	-	-
Fridge Bounty					5,768,009	5,191,208	1,109.45	1,008.59
Fridge Retirement	Existing second fridge	Removal of Secondary Fridge	Jan 1 2006	Residential	3,600,000	3,240,000	807.84	734.40
Freezer Retirement	Existing second freezer	Removal of Secondary Freezer	May 26 2006	Residential	1,342,800	1,208,520	301.61	274.19
PowerWise Power Pack	60 watt incandescent and incandescent seasonal lights	CFLS and LED seasonal lights	Jan 1 2006	Residential	825,209	742,688	-	-
Res. Load Control	Programmable Thermostat	Programmable Thermostat with Load Control Unit	July 26 2006	Residential	207,104	188,276	211	192
Social Housing					551,442	545,927	16.56	16.39
Low Income Tune-Ups	Do nothing	Tune-Up, Tank Wrap, Pipe Wrap, Showerhead, Aerators	Jan 1 2006	Residential	137,432	136,057	6.25	6.19
PowerPlay Tune-Ups and Audits	Do nothing	Audit, Showerhead, Tank Wrap, Tank Temperature, Cold Water Detergent, Aerators, CLFs, Pipe Insulation, Clothes Dryer Rack, Window Film, Timer, Power Bar, Patio Door Film, Kettle	Jan 1 2006	Residential	414,010	409,870	10.31	10.20
C&I Load Control	n/a	n/a	n/a	85% General Service >50 kW and 15 % General Service >1,500 kW	n/a	n/a	n/a	n/a
Leveraging Energy Conservation and Load Management	Existing Lighting	Energy Efficient Lighting	Jan 1 2006	85% General Service >50 kW and 15 % General Service >1,500 kW	3,565,762	3,085,910	696.95	633.59
85% General Service >50 kW	Existing Lighting	Energy Efficient Lighting	Jan 1 2006	85% General Service >50 kW	3,030,898	2,623,024	592.40	538.55

2006 CDM Programs					Program Savings			
Program	Base Technology	Efficient Technology	Program Start Date	Rate Class	kWh Savings		kW Savings	
					Gross	Net	Gross	Net
15 % General Service >1,500 kW	Existing Lighting	Energy Efficient Lighting	Jan 1 2006	15 % General Service >1,500 kW	534,864	462,887	104.54	95.04
Overall Support Program					27,556	26,084	-	-
Overall Support Program	n/a	n/a	n/a	Residential	-	-	-	-
Kill a Watt Meters	n/a	n/a	Jan 1 2006	Residential	-	-	-	-
Ottawa Eco-Fair	Incandescent Bulb	CFLs	Apr 22 2006	Residential	16,192	14,720	-	-
Porch Light 2005	n/a	n/a	Sept 27 2006	Residential	-	-	-	-
Second Generation ToR	n/a	n/a	n/a	Residential	-	-	-	-
School Program	n/a	n/a	n/a	Residential	-	-	-	-
Employee Conservation Awareness	Do nothing	Energy Efficient Behavior Change	Jan 1 2006	Residential	11,364	11,364	-	-
Mascots	n/a	n/a	June 1 2006	Residential	-	-	-	-
CDM Website Capital Expenses	n/a	n/a	n/a	Residential	-	-	-	-
TOTAL					60,125,953	54,048,017	4,547	4,135

Hydro Ottawa 2006 CDM Reported Results (Data Verification)

Program	Participants/Projects		kWh		kW		Freeridership	
	Value	Data Source	Value	Data Source	Value	Data Source	Value	Data Source
Co-Branded Mass Markets	438,905		222.12		21,850,207			
HomeShow 2006 - CFLs	987	Third Party Supplier Invoices verified by Hydro Ottawa	-	13 W CLF derived from OEB Measure List	96,860	13 W CFL derived from OEB Measure List	10%	OEB Measure List
CDM Website - Pageviews	184,306	Third Party count extracted from Hydro Ottawa public website	-	n/a	-	n/a	0%	n/a
Events Van - CFLs	1,868	Third Party Supplier Invoices verified by Hydro Ottawa	-	13 W CLF derived from OEB Measure List	183,318	13 W CLF derived from OEB Measure List	10%	OEB Measure List
School Initiative - CFLs	210	Third Party Supplier Invoices verified by Hydro Ottawa	-	13 W CLF derived from OEB Measure List	20,609	13 W CLF derived from OEB Measure List	10%	OEB Measure List
Spring Retail - EKC	136,309	EKC Final Report	60.84	EKC Final Report	13,211,668	EKC Final Report	10%	EKC Final Report
Fall EKC	115,225	EKC Final Report	161.28	EKC Final Report	8,337,752	EKC Final Report	10%	EKC Final Report
Electric Avenue	95		0.73		13,941			
Electric Thermal Storage Units	10	Project Final Report	-	2.4 kW unit Derived from OEB Measures List	2,173	2.4 kW unit Derived from OEB Measures List	0%	Internal Assumption
Electric DHW Measures and CFLs	70	Project Final Report	0.73	OEB Measure List	11,768	OEB Measure List	0%	Internal Assumption
Education and Energuide Audits	15	Project Final Report	-	n/a	-	n/a	0%	n/a
Energy Audit Support and Incentives	229,122		2,062		23,146,463			
Powerwise Tune-Ups	175	Third Party Supplier Invoices verified by Hydro Ottawa	0.73	13 W CLF (derived from OEB Measure List) and OEB Measure List	19,092	13 W CLF (derived from OEB Measure List) and OEB Measure List	5 to 10%	OEB Measure List
Smart Business Ottawa Audits	14	Third Party Supplier Invoices verified by Hydro Ottawa	-	n/a	-	n/a	0%	n/a
Cool Shops 2006	3,060	3rd Party Report, verified by Hydro Ottawa	13.07	13 W CLF (derived from OEB Measure List) and OEB Measure List	264,761	13 W CLF (derived from OEB Measure List) and OEB Measure List	10%	OEB Measure List
Project Porch Light	220,050	Third Party Report verified by Hydro Ottawa and Third Party Supplier Invoices	-	13 W CLF derived from OEB Measure List	21,594,827	13 W CLF derived from OEB Measure List	10%	OEB Measure List
Direct Energy ECM & AC	91	Participant Incentive Payout List	23.36	Conservation Bureau Residential CDM Technology Study, September, 2006, OEB Measure List	94,124	Conservation Bureau Residential CDM Technology Study, September, 2006, OEB Measure List	10%	OEB Measure List

Hydro Ottawa 2006 CDM Reported Results (Data Verification)

Program	Participants/Projects		kWh		kW		Freeridership	
	Value	Data Source	Value	Data Source	Value	Data Source	Value	Data Source
Keep Cool RAC Retirement	2,332	3rd Party Report, verified by Hydro Ottawa	2,024.43	3rd Party Report, verified by Hydro Ottawa	1,112,742	3rd Party Report, verified by Hydro Ottawa	10%	3rd Party Report, verified by Hydro Ottawa
SLED Exchange 2006	3,400	Third Party Supplier Invoices verified by Hydro Ottawa	-	OEB Measure List	60,918	OEB Measure List	5%	OEB Measure List
Fridge Bounty	12,184		1,008.59		5,191,208			
Fridge Retirement	3,000	Third Party Supplier Invoices verified by Hydro Ottawa	734.40	OEB Measure List	3,240,000	OEB Measure List	10%	OEB Measure List
Freezer Retirement	1,492	Third Party Supplier Invoices verified by Hydro Ottawa	274.19	OEB Measure List	1,208,520	OEB Measure List	10%	OEB Measure List
PowerWise Power Pack	7,692	Third Party Supplier Invoices verified by Hydro Ottawa	-	OEB Measure List	742,688	OEB Measure List	10%	OEB Measure List
Res. Load Control	1,315	Third Party Supplier Invoices	192	OEB Measure List	188,276	OEB Measure List	0 to 10%	OEB Measure List
Social Housing	4,526		16.39		545,927			
Low Income Tune-Ups	1,185	Third Party Supplier Invoices verified by Hydro Ottawa	6.19	OEB Measure List	136,057	OEB Measure List	1%	Toronto Hydro EB 2007-0096 OEB Decision
PowerPlay Tune-Ups and Audits	3,341	Third Party Supplier Invoices verified by Hydro Ottawa	10.20	OEB Measure List	409,870	OEB Measure List	1%	Toronto Hydro EB 2007-0096 OEB Decision
Leveraging Energy Conservation and Load Management	26 Prescriptive Projects and 1 Custom Project	Project measures summary and Third party review of Custom project	633.59	3rd Party Report	3,085,910	3rd Party Report	10 to 30%	Internal Assumptions based on OEB Measure List and Toronto Hydro EB 2007-0096 OEB Decision
Overall Support Program	2,539		-		26,084			
Kill a Watt Meters	2,388	n/a	-	n/a	-	n/a	0%	n/a
Ottawa Eco-Fair	150	Third Party Supplier Invoices verified by Hydro Ottawa	-	n/a	14,720	13 W CLF derived from OEB Measure List	10%	OEB Measure List
Employee Conservation Awareness	1	Internal Data	-	n/a	11,364	Internal Data	0%	Internal assumption

Rate Class	Technology	Reference & Comments	# units		Life of Measure		Total Energy Savings (kWh)		Total Energy Savings (kW)		Total Energy Savings with # units		Free Ridership	Net kWh or kW saved	Distribution Rate, by Rate Class	Effective-ness Factor	Lost Revenue \$
			Value	Source	Value	Source	Value	Source	Value	Source	Value	Value					
2007 Programs																	
Residential	Residential Load Control																
Residential	Residential Load Control - Demand Response	kW for Load Control	166	Company Data					83.00	OEB Measures List			10%		\$0.01827	0.9	\$0.00
Residential	Programmable thermostat cooling	OEB Measures List	166	Company Data	18	OEB Measures List	159	OEB Measures List	0.16	OEB Measures List	26,410.60		10%	23,769.54	\$0.01827	0.9	\$390.84
Residential	Programmable thermostat heating	OEB Measures List	16	Company Data	18	OEB Measures List	1,466	OEB Measures List	0.00	OEB Measures List	23,461.49		10%	21,115.34	\$0.01827	0.9	\$347.20
Residential	Energy Audit Support and Incentives																
Residential	Tuneups	No Values	39	Company Data													
Residential	13 Watt CFLs in Power Packs	SeeLine Group Analysis	78	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	8,505.12		10%	7,654.61	\$0.01827	0.7	\$97.89
Residential	water tank wrap	OEB Measures List	19	Company Data	6	OEB Measures List	270	OEB Measures List	0.02	OEB Measures List	5,129.81		5%	4,873.32	\$0.01827	0.7	\$62.32
Residential	13 Watt CFLs in Power Packs individually distributed	SeeLine Group Analysis	266	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	29,004.64		10%	26,104.18	\$0.01827	0.7	\$333.85
Residential	13 Watt CFLs individually distributed	SeeLine Group Analysis	6109	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	666,125.36		10%	599,512.82	\$0.01827	0.7	\$7,667.17
Residential	SLEDS 35 String	SeeLine Group Analysis	458	Company Data	30	OEB Measures List	13	SeeLine Analysis	0.00	SeeLine Analysis	5,972.32		5%	5,673.70	\$0.01827	1	\$103.66
Residential	SLEDS 70 String	SeeLine Group Analysis	100	Company Data	30	OEB Measures List	13	SeeLine Analysis	0.00	SeeLine Analysis	1,304.00		5%	1,238.80	\$0.01827	1	\$22.63
Residential	Refrigerator Buy Back Program																
Residential	Fridges	OEB Measures List	535	Company Data	6	OEB Measures List	1,200	OEB Measures List	0.27	OEB Measures List	642,000.00		10%	577,800.00	\$0.01827	0.8	\$8,445.12
Residential	Freezers	OEB Measures List	320	Company Data	6	OEB Measures List	900	OEB Measures List	0.20	OEB Measures List	288,000.00		10%	259,200.00	\$0.01827	0.8	\$3,798.47
Residential	13 Watt CFLs in Power Packs	SeeLine Group Analysis	1710	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	SeeLine Analysis	186,458.40		10%	167,812.56	\$0.01827	0.8	\$2,452.75
Residential	Electric Avenue - A Community Program																
Residential	Social Housing Program																
Residential	Tuneups	No Values	151	Company Data													
Residential	13 Watt CFLs in Power Packs	SeeLine Group Analysis - Free Riders Adjusted per OEB-2007-0096	302	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	32930.08		1%	32,600.78	\$0.01827	0.7	\$416.93
Residential	13 watt CFLs	SeeLine Group Analysis - Free Riders Adjusted per OEB-2007-0096	941	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	102606.64		1%	101,580.57	\$0.01827	0.7	\$1,299.11
Residential	water tank wrap	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	42	Company Data	6	OEB Measures List	270	OEB Measures List	0.02	OEB Measures List	11339.58		1%	11,226.18	\$0.01827	0.7	\$143.57
Residential	Kitchen aerators	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	42	Company Data	12	OEB Measures List	34	OEB Measures List	0.00	OEB Measures List	1412.46		1%	1,398.34	\$0.01827	0.7	\$17.88
Residential	shower heads	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	42	Company Data	12	OEB Measures List	545	OEB Measures List	0.04	OEB Measures List	22908.9		1%	22,679.31	\$0.01827	0.7	\$290.05
Residential	bathroom aerators	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	34	Company Data	12	OEB Measures List	34	OEB Measures List	0.00	OEB Measures List	1143.42		1%	1,131.99	\$0.01827	0.7	\$14.48
Residential	pipe insulation	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	16	Company Data	6	OEB Measures List	76	OEB Measures List	0.01	OEB Measures List	1215.84		1%	1,203.68	\$0.01827	0.7	\$15.39
Residential	Low Income Electricity Tuneups																
Residential	13 Watt CFLs in Power Packs	SeeLine Group Analysis - Free Riders Adjusted per OEB-2007-0096	516	Company Data	4	SeeLine Analysis	109	SeeLine Analysis	0.00	OEB Measures List	56,264.64		1%	55,701.99	\$0.01827	0.7	\$712.37
Residential	water tank wrap	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	93	Company Data	6	OEB Measures List	270	OEB Measures List	0.02	OEB Measures List	25,109.07		1%	24,857.98	\$0.01827	0.7	\$317.91
Residential	kitchen aerators	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	109	Company Data	12	OEB Measures List	34	OEB Measures List	0.00	OEB Measures List	3,665.67		1%	3,629.01	\$0.01827	0.7	\$46.41
Residential	shower heads	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	109	Company Data	12	OEB Measures List	545	OEB Measures List	0.04	OEB Measures List	59,454.05		1%	58,859.51	\$0.01827	0.7	\$752.75
Residential	bathroom aerators	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	109	Company Data	12	OEB Measures List	34	OEB Measures List	0.00	OEB Measures List	3,665.67		1%	3,629.01	\$0.01827	0.7	\$46.41
Residential	pipe insulation	OEB Measures List - Free Riders Adjusted per OEB-2007-0096	105	Company Data	6	OEB Measures List	76	OEB Measures List	0.01	OEB Measures List	7,978.95		1%	7,899.16	\$0.01827	0.7	\$101.02
Total																	\$27,886
COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL (>50 <1,500 kW)																	
Commercial	Leveraging Conservation and Load Management																
Commercial	Single-lamp Std. T12 Fixtures to T8 fixture	Marbek Study, calculation modified to adjust for single lamp	1479	Project Appl.	5	OEB Measures List	52	Marbek Report	0.01	Marbek Report	16.48		10%	14.83	\$2.54267	1	\$452.59
Commercial	Two-lamp Std. T12 Fixtures to T8 fixture	Marbek Study	6626	Project Appl.	5	OEB Measures List	80	Marbek Report	0.02	Marbek Report	113.60		10%	102.24	\$2.54267	0.9	\$2,807.47
Commercial	Three-lamp Std. T12 Fixtures to T8 fixture	Marbek Study, calculation modified to adjust for triple lamp	119	Project Appl.	5	OEB Measures List	112	Marbek Report	0.02	Marbek Report	2.86		10%	2.57	\$2.54267	1	\$78.43
Commercial	Four-lamp Std. T12 Fixtures to T8 fixture	Marbek Study, calculation modified to adjust for quad lamp	1242	Project Appl.	5	OEB Measures List	160	Marbek Report	0.03	Marbek Report	42.59		10%	38.33	\$2.54267	1	\$1,169.43
Commercial	Single-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study, calculation modified to adjust for single lamp & HP Fixtures	41	Project Appl.	5	OEB Measures List	68	Marbek Report	0.01	Marbek Report	0.60		10%	0.54	\$2.54267	0.6	\$9.84
Commercial	Two-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study, calculation modified to adjust for two lamp & HP Fixtures	731	Project Appl.	5	OEB Measures List	120	Marbek Report	0.03	Marbek Report	18.80		10%	16.92	\$2.54267	0.9	\$464.59
Commercial	Three-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study, calculation modified to adjust for triple lamp & HP Fixtures	84	Project Appl.	5	OEB Measures List	160	Marbek Report	0.03	Marbek Report	2.88		10%	2.59	\$2.54267	1	\$79.09
Commercial	14w	Derived from OEB Measures List	5928	Project Appl.	4	SeeLine Analysis	0	SeeLine Analysis	0.04	SeeLine Analysis	216.68		10%	195.01	\$2.54267	0.5	\$2,975.05
Commercial	13w	Derived from OEB Measures List	65	Project Appl.	4	SeeLine Analysis	0	SeeLine Analysis	0.04	SeeLine Analysis	2.38		10%	2.14	\$2.54267	0.5	\$32.62
Commercial	LED Exit signs	OEB Measures List	50	Project Appl.	25	OEB Measures List	308	OEB Measures List	0.03	OEB Measures List	1.35		10%	1.22	\$2.54267	1	\$37.07
Commercial	Project #1	Custom program Review based on Marbek Evaluation	1	Project Appl.	5	Marbek Evaluation	566,754	Marbek Evaluation	83.39	Marbek Evaluation	83.39		30%	58.37	\$2.54267	1	\$1,781.08
Commercial	Project #2	Custom program Review based on Marbek Evaluation	1	Project Appl.	5	Marbek Evaluation	530,879	Marbek Evaluation	68.80	Marbek Evaluation	68.80		30%	48.16	\$2.54267	1	\$1,469.46
Commercial	Project #3	Custom program Review based on Marbek Evaluation	1	Project Appl.	5	Marbek Evaluation	191,906	Marbek Evaluation	32.71	Marbek Evaluation	32.71		30%	22.90	\$2.54267	1	\$698.63
Commercial	Project #4	Custom program Review based on Marbek Evaluation	1	Project Appl.	15	Marbek Evaluation	111,724	Marbek Evaluation	17.00	Marbek Evaluation	17.00		30%	11.90	\$2.54267	1	\$363.09
Total																	\$12,418
COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL (>1,500 <5,000 kW)																	
Commercial	LED Exit signs	OEB Measures List	65	Project Appl.	25	OEB Measures List	237	OEB Measures List	0.03	OEB Measures List	1.76		10%	1.58	\$2.33237	1	\$44

Comments	Rate Class	Free Ridership Percentage	NPV Electricity	Total Customer Incremental Costs	Total Program Delivery Costs	TRC Costs (NPV)	Total - TRC Costs (NPV)	TRC Benefits (NPV)	TRC Net Benefits (NPV)	TRC Benefit Cost Ratio	SSM
RESIDENTIAL AND SMALL COMMERCIAL											
Co-Branded Mass Markets											
Program Costs			\$ -	\$ -	\$ 113,687		\$ 113,687	\$ -	\$ (113,687)	0.00	\$ (5,684)
Residential Load Control											
OEB Measure List	Residential		10 \$ 54,230	\$ -	\$ -	\$ -	\$ -	\$ 54,230	\$ 54,230	N/A	\$ 2,711
Programmable Thermostat - Cooling	OEB Measure List	Residential	10 \$ 22,768	\$ -	\$ -	\$ -	\$ -	\$ 22,768	\$ 22,768	N/A	\$ 1,138
Programmable Thermostat - Heating	OEB Measure List	Residential	10 \$ 19,916	\$ -	\$ -	\$ -	\$ -	\$ 19,916	\$ 19,916	N/A	\$ 996
Program Costs	Residential		\$ -	\$ -	\$ 154,175		\$ 154,175	\$ -	\$ (154,175)	0.00	\$ (7,709)
Energy Audit Support and Incentives											
Tuneups	No Associated Savings	Residential	10								
13 Watt CFLs in Power Packs	Prorated Using OEB Measure List	Residential	10 \$ 1,975	\$ -	\$ -	\$ -	\$ -	\$ 1,975	\$ 1,975	N/A	\$ 99
Water Tank Wrap	OEB Measure List	Residential	5 \$ 1,857	\$ -	\$ -	\$ -	\$ -	\$ 1,857	\$ 1,857	N/A	\$ 93
13 Watt CFLs in Power Packs individually distributed	Prorated Using OEB Measure List	Residential	10 \$ 6,734	\$ -	\$ -	\$ -	\$ -	\$ 6,734	\$ 6,734	N/A	\$ 337
13 Watt CFLs individually distributed	Prorated Using OEB Measure List	Residential	10 \$ 154,647	\$ -	\$ -	\$ -	\$ -	\$ 154,647	\$ 154,647	N/A	\$ 7,732
Small Commercial Audit	No Associated Savings	Residential	0								
35 Light SLEDs	OEB Measure List	Residential	5 \$ 8,438	\$ -	\$ -	\$ -	\$ -	\$ 8,438	\$ 8,438	N/A	\$ 422
70 Light SLEDs	OEB Measure List	Residential	5 \$ 1,842	\$ -	\$ -	\$ -	\$ -	\$ 1,842	\$ 1,842	N/A	\$ 92
Program Costs	Residential		\$ -	\$ -	\$ (59,288)		\$ (59,288)	\$ -	\$ 59,288	0.00	\$ 2,964
Refrigerator Buy Back Program											
Fridges	OEB Measure List	Residential	10 \$ 254,521	\$ -	\$ -	\$ -	\$ -	\$ 254,521	\$ 254,521	N/A	\$ 12,726
Freezers	OEB Measure List	Residential	10 \$ 114,200	\$ -	\$ -	\$ -	\$ -	\$ 114,200	\$ 114,200	N/A	\$ 5,710
13 Watt CFLs in Power Packs	Prorated Using OEB Measure List	Residential	10 \$ 43,288	\$ -	\$ -	\$ -	\$ -	\$ 43,288	\$ 43,288	N/A	\$ 2,164
Program Costs	Residential		\$ -	\$ -	\$ 188,838		\$ 188,838	\$ -	\$ (188,838)	0.00	\$ (9,442)
Electric Avenue - A Community Program (Program Costs Only)											
			0 \$ -	\$ -	\$ 16,799		\$ 16,799	\$ -	\$ (16,799)	0.00	\$ (840)
Social Housing Program											
PowerPlay Audits											
Tuneups	No Associated Savings	Residential									
13 Watt CFLs in Power Packs	Prorated Using OEB Measure List	Residential	1 \$ 8,410	\$ -	\$ -	\$ -	\$ -	\$ 8,410	\$ 8,410	N/A	\$ 420
13 watt CFLs	Prorated Using OEB Measure List	Residential	1 \$ 26,204	\$ -	\$ -	\$ -	\$ -	\$ 26,204	\$ 26,204	N/A	\$ 1,310
water tank wrap	OEB Measure List	Residential	1 \$ 4,278	\$ -	\$ -	\$ -	\$ -	\$ 4,278	\$ 4,278	N/A	\$ 214
kitchen aerators	OEB Measure List	Residential	1 \$ 995	\$ -	\$ -	\$ -	\$ -	\$ 2,173	\$ 2,173	N/A	\$ 109
shower heads	OEB Measure List	Residential	1 \$ 16,145	\$ -	\$ -	\$ -	\$ -	\$ 25,792	\$ 25,792	N/A	\$ 1,290
bathroom aerators	OEB Measure List	Residential	1 \$ 806	\$ -	\$ -	\$ -	\$ -	\$ 1,759	\$ 1,759	N/A	\$ 88
pipe insulation	OEB Measure List	Residential	1 \$ 486	\$ -	\$ -	\$ -	\$ -	\$ 486	\$ 486	N/A	\$ 24
Low Income Electricity Tuneups											
13 Watt CFLs in Power Packs	Prorated Using OEB Measure List	Residential	1 \$ 14,369	\$ -	\$ -	\$ -	\$ -	\$ 14,369	\$ 14,369	N/A	\$ 718
water tank wrap	OEB Measure List	Residential	1 \$ 9,473	\$ -	\$ -	\$ -	\$ -	\$ 9,473	\$ 9,473	N/A	\$ 474
kitchen aerators	OEB Measure List	Residential	1 \$ 2,583	\$ -	\$ -	\$ -	\$ -	\$ 5,638	\$ 5,638	N/A	\$ 282
shower heads	OEB Measure List	Residential	1 \$ 41,899	\$ -	\$ -	\$ -	\$ -	\$ 66,937	\$ 66,937	N/A	\$ 3,347
bathroom aerators	OEB Measure List	Residential	1 \$ 2,583	\$ -	\$ -	\$ -	\$ -	\$ 5,638	\$ 5,638	N/A	\$ 282
pipe insulation	OEB Measure List	Residential	1 \$ 3,187	\$ -	\$ -	\$ -	\$ -	\$ 3,187	\$ 3,187	N/A	\$ 159
Program Costs	Residential		\$ -	\$ -	\$ 7,111		\$ 7,111	\$ -	\$ (7,111)	0.00	\$ (356)
COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL (>50KW)											

	Comments	Rate Class	Free Ridership Percentage	NPV Electricity	Total Customer Incremental Costs	Total Program Delivery Costs	TRC Costs (NPV)	Total - TRC Costs (NPV)	TRC Benefits (NPV)	TRC Net Benefits (NPV)	TRC Benefit Cost Ratio	SSM	
Leveraging Conservation and Load Management Programs													
PBIP Prescriptive Measures													
	Single-lamp Std. T12 Fixtures to T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 29,405	\$ 38,602	\$ -	\$ 38,602	\$ 38,602	\$ 29,405	\$ (9,197)	0.76	\$ (460)
	Two-lamp Std. T12 Fixtures to T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 202,673	\$ 196,792	\$ -	\$ 196,792	\$ 196,792	\$ 202,673	\$ 5,881	1.03	\$ 294
	Three-lamp Std. T12 Fixtures to T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 5,096	\$ 4,177	\$ -	\$ 4,177	\$ 4,177	\$ 5,096	\$ 919	1.22	\$ 46
	Four-lamp Std. T12 Fixtures to T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 75,979	\$ 50,301	\$ -	\$ 50,301	\$ 50,301	\$ 75,979	\$ 25,678	1.51	\$ 1,284
	Single-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 1,260	\$ 1,245	\$ -	\$ 1,245	\$ 1,245	\$ 1,260	\$ 15	1.01	\$ 1
	Two-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 39,659	\$ 25,165	\$ -	\$ 25,165	\$ 25,165	\$ 39,659	\$ 14,495	1.58	\$ 725
	Three-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 6,076	\$ 3,383	\$ -	\$ 3,383	\$ 3,383	\$ 6,076	\$ 2,693	1.80	\$ 135
	Four-lamp Std. T12 Fixtures to HP T8 fixture	Marbek Study	C, I & I >50kW < 1500kw		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		N/A	\$ -
	LED Exit signs	Marbek Study	C, I & I >50kW < 1500kw	10	\$ 17,814	\$ 4,388	\$ -	\$ 4,388	\$ 4,388	\$ 17,814	\$ 13,427	4.06	\$ 671
	14W CFL	SeeLine Group Analysis	C, I & I >50kW < 1500kw	10	\$ 167,784	\$ 21,341	\$ -	\$ 21,341	\$ 21,341	\$ 167,784	\$ 146,443	7.86	\$ 7,322
	13WCFL	SeeLine Group Analysis	C, I & I >50kW < 1500kw	10	\$ 1,840	\$ 234	\$ -	\$ 234	\$ 234	\$ 1,840	\$ 1,606	7.86	\$ 80
	LED Exit signs	Marbek Study	C, I & I >1500kw	10	\$ 13,703	\$ 3,375	\$ -	\$ 3,375	\$ 3,375	\$ 13,703	\$ 10,328	4.06	\$ 516
	PBIP Custom Projects												
	Project #1	Project Application	C, I & I >50kW < 1500kw	30	\$ 159,895	\$ 141,493	\$ -	\$ 141,493	\$ 141,493	\$ 159,888	\$ 18,396	1.13	\$ 920
	Project #2	Project Application	C, I & I >50kW < 1500kw	30	\$ 147,701	\$ 195,960	\$ -	\$ 195,960	\$ 195,960	\$ 147,695	\$ (48,265)	0.75	\$ (2,413)
	Project #3	Project Application	C, I & I >50kW < 1500kw	30	\$ 55,137	\$ 40,215	\$ -	\$ 40,215	\$ 40,215	\$ 55,135	\$ 14,920	1.37	\$ 746
	Project #4	Project Application	C, I & I >50kW < 1500kw	30	\$ 82,075	\$ 89,950	\$ -	\$ 89,950	\$ 89,950	\$ 82,064	\$ (7,886)	0.91	\$ (394)
	Program Costs				\$ -	\$ -	\$ 468,891		\$ 468,891	\$ -	\$ (468,891)	0.00	\$ (23,445)
	C, I and I Load Control (Program Costs Only)				\$ -	\$ -	\$ 1,915		\$ 1,915	\$ -	\$ (1,915)	0.00	\$ (96)
	TOTAL RESULTS												
					\$ 1,821,929	\$ 816,620	\$ 892,129	\$ 816,620	\$ -	\$ 1,708,749	\$ 1,864,830	\$ 156,082	\$ 7,804

Smart Meter Costs

2008 EDR Data Information

Deemed L-T Debt	56%
Deemed S-T Debt	4%
Deemed Equity	40%
Weighted L-T Debt Rate	5.26%
Weighted S-T Debt Rate	4.47%
Proposed ROE	8.57%

Weighted Average Cost of Capital 6.55%

2009 Tax Rate

Corporate Income Tax Rate 33.00%

	1-May-07 to 31-Dec-07	1-Jan-08 to 31-Dec-08	See Note 1 1-Jan-09 to 31-Dec-09	Total to 31-Dec-09
Capital Data:				
Smart meter including installation	\$ 12,063,121	\$ 13,570,847	\$ 8,185,074	\$ 33,819,041
Tools and Equipment (Work force management)	\$ -	\$ -	\$ -	\$ -
Computer Hardware Costs	\$ -	\$ 1,735	\$ -	\$ 1,735
Computer Software	\$ -	\$ 1,269,488	\$ 599,474	\$ 1,269,488
Total Capital Costs	\$ 12,063,121	\$ 14,842,070	\$ 8,784,548	\$ 35,090,265

LDC Amortization Policy:

Smart Meter Amortization Rate	\$ 15	Years
Tools and Equipment (Work force management)	\$ 10	Years
Computer Hardware Amortization Rate	\$ 5	Years
Computer Software Amortization Rate	\$ 5	Years

	1-Jan-09 to 31-Dec-09
Operating Expense Data:	
Incremental OM&A Expenses	\$ 2,334,581
Total Incremental Operating Expense	\$ 2,334,581

Note 1: 2009 Capital Additions = 2009 Capital Expenditures + 2008 CIP - 2009 CIP = \$8,042,815 + \$1,997,343 - \$1,255,610 = \$8,784,548

Smart Meter Revenue Requirement Calculation 2009

Average Asset Values

	31-Dec-09	
Net Fixed Assets Smart Meters	\$	27,076,947
Net Fixed Assets Tools and Equipment	\$	-
Net Fixed Assets Computer Hardware	\$	839
Net Fixed Assets Computer Software	\$	613,586
Total Net Fixed Assets	\$	27,691,372

Working Capital

Operation Expense	\$	2,334,581	
12.5 % Working Capital	\$	291,823	\$ 291,823

Smart Meters included in Rate Base

\$ 27,983,194

Return on Rate Base

Deemed L-T Debt	56.0%	\$ 15,670,589
Deemed S-T Debt	4.0%	\$ 1,119,328
Deemed Equity	40.0%	\$ 11,193,278
		<u>\$ 27,983,194</u>

Weighted L-T Debt Rate	5.3%	\$ 823,960
Weighted S-T Debt Rate	4.5%	\$ 50,034
Proposed ROE	8.6%	\$ 959,264

Return on Rate Base

\$ 1,833,257 \$ 1,833,257

Operating Expenses

Incremental Operating Expenses	\$	2,334,581
--------------------------------	----	-----------

Amortization Expenses

Amortization Expenses - Smart Meters	\$	1,981,767
Amortization Expenses - Tools and equipment	\$	-
Amortization Expenses - Computer Hardware	\$	58
Amortization Expenses - Computer Software	\$	42,316

Total Amortization Expenses

\$ 2,024,141

Revenue Requirement Before PILs

\$ 6,191,979

Calculation of Taxable Income

Incremental Operating Expenses	-\$	2,334,581
Depreciation Expenses	-\$	2,024,141
Interest Expense	-\$	873,994

Taxable Income For PILs

\$ 959,264

Grossed up PILs

\$ 273,515

Revenue Requirement Before PILs	\$	6,191,979
Grossed up PILs	\$	273,515

Revenue Requirement for Smart Meters

\$ 6,465,494

Net Revenue Requirement for 2009

\$ 6,465,494

Average customer # May 09 to April 10	293,590
Rate Adder per month per metered customer	\$1.84

Variance

533,873

Revised Net Revenue Requirement for 2009

\$ 5,931,621

Average customer # May 09 to April 10	293,590
Rate Adder per month per metered customer	\$1.68

PILs Calculation 2009

31-Dec-09

INCOME TAX

Net Income	\$	959,264
Amortization	\$	2,024,141
CCA - Class 47 (8%) Smart Meters	-\$	2,221,976
CCA - Class 8 (20%) Tools and Equipment	\$	-
CCA - Class 45 (45%) Computers	-\$	349,586
Change in taxable income	\$	411,843
Tax Rate		33.00%
Income Taxes Payable	\$	135,908

ONTARIO CAPITAL TAX

Smart Meters	\$	30,178,601
Tools and Equipment	\$	-
Computer Hardware	\$	1,677
Computer Software	\$	1,227,172
Rate Base	\$	31,407,450
Less: Exemption	\$	-
Deemed Taxable Capital	\$	31,407,450
Ontario Capital Tax Rate		0.225%
Net Amount (Taxable Capital x Rate)	\$	70,667

Gross Up

	PILs Payable	Gross Up	Grossed Up PILs
Change in Income Taxes Payable	\$ 135,908	33.00%	\$ 202,848
Change in OCT	\$ 70,667		\$ 70,667
PIL's	\$ 206,575		\$ 273,515

Smart Meter Average Net Fixed Assets 2009

	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Net Fixed Assets - Smart Meters			
Opening Capital Investment	\$ -	\$ 12,063,121	\$ 25,633,967
Capital Investment Year 1	\$ 12,063,121		
Capital Investment Year 2		\$ 13,570,847	
Capital Investment Subsequent Years			\$ 8,185,074
Closing Capital Investment	\$ 12,063,121	\$ 25,633,967	\$ 33,819,041
Opening Accumulated Amortization	\$ -	\$ 402,104	\$ 1,658,674
Amortization Year 1 (15 Years Straight Line)	\$ 402,104	\$ 804,208	\$ 1,708,931
Amortization Subsequent Years		\$ 452,362	\$ 272,836
Closing Accumulated Amortization	\$ 402,104	\$ 1,658,674	\$ 3,640,441
Opening Net Fixed Assets	\$ -	\$ 11,661,017	\$ 23,975,294
Closing Net Fixed Assets	\$ 11,661,017	\$ 23,975,294	\$ 30,178,601
Average Net Fixed Assets	\$ 5,830,508	\$ 17,818,155	\$ 27,076,947

	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Net Fixed Assets - Tools and Equipment			
Opening Capital Investment	\$ -	\$ -	\$ -
Capital Investment Year 1	\$ -		
Capital Investment Year 2		\$ -	
Closing Capital Investment	\$ -	\$ -	\$ -
Opening Accumulated Amortization	\$ -	\$ -	\$ -
Amortization Year 1 (10 Years Straight Line)	\$ -	\$ -	\$ -
Amortization Year 2 (10 Years Straight Line)		\$ -	\$ -
Closing Accumulated Amortization	\$ -	\$ -	\$ -
Opening Net Fixed Assets	\$ -	\$ -	\$ -
Closing Net Fixed Assets	\$ -	\$ -	\$ -
Average Net Fixed Assets	\$ -	\$ -	\$ -

	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Net Fixed Assets - Computer Hardware			
Opening Capital Investment	\$ -	\$ -	\$ 1,735
Capital Investment Year 1	\$ -		
Capital Investment Year 2		\$ 1,735	
Closing Capital Investment	\$ -	\$ 1,735	\$ 1,735
Opening Accumulated Amortization	\$ -	\$ -	\$ 58
Amortization Year 1 (5 Years Straight Line)	\$ -	\$ -	\$ 116
Amortization Year 2 (5 Years Straight Line)		\$ 58	
Closing Accumulated Amortization	\$ -	\$ 58	\$ 174
Opening Net Fixed Assets	\$ -	\$ -	\$ 1,677
Closing Net Fixed Assets	\$ -	\$ 1,677	\$ 1,562
Average Net Fixed Assets	\$ -	\$ 839	\$ 1,620

	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Net Fixed Assets - Computer Software			
Opening Capital Investment	\$ -	\$ -	\$ 1,269,488
Capital Investment Year 1	\$ -		
Capital Investment Year 2		\$ 1,269,488	\$ 599,474
Closing Capital Investment	\$ -	\$ 1,269,488	\$ 1,868,962
Opening Accumulated Amortization	\$ -	\$ -	\$ 42,316
Amortization Year 1 (5 Years Straight Line)	\$ -	\$ -	\$ 84,633
Amortization Year 2 (5 Years Straight Line)		\$ 42,316	\$ 19,982
Closing Accumulated Amortization	\$ -	\$ 42,316	\$ 146,931
Opening Net Fixed Assets	\$ -	\$ -	\$ 1,227,172
Closing Net Fixed Assets	\$ -	\$ 1,227,172	\$ 1,722,031
Average Net Fixed Assets	\$ -	\$ 613,586	\$ 1,474,602

Total Assets

Total Fixed Assets	\$ 12,063,121	\$ 26,905,191	\$ 35,689,739
Total Accumulated Amortization	\$ 402,104	\$ 1,701,048	\$ 3,787,545
Closing Net Fixed Assets	\$ 11,661,017	\$ 25,204,143	\$ 31,902,193

For PILs Calculation

UCC - Smart Meters

CCA Class 47 (8%)	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Opening UCC	\$ -	\$ 11,580,596	\$ 23,682,161
Capital Additions	\$ 12,063,121	\$ 13,570,847	\$ 8,185,074
UCC Before Half Year Rule	\$ 12,063,121	\$ 25,151,442	\$ 31,867,235
Half Year Rule (1/2 Additions - Disposals)	\$ 6,031,560	\$ 6,785,423	\$ 4,092,537
Reduced UCC	\$ 6,031,560	\$ 18,366,019	\$ 27,774,698
CCA Rate Class 47	8%	8%	8%
CCA	\$ 482,525	\$ 1,469,282	\$ 2,221,976
Closing UCC	\$ 11,580,596	\$ 23,682,161	\$ 29,645,259

UCC - Tools and Equipment

CCA Class 8 (20%)	01-May-07 to 31-Dec-07	31-Dec-08	31-Dec-09
Opening UCC	\$ -	\$ -	\$ -
Capital Additions	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -
CCA Rate Class 8	20%	20%	20%
CCA	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -

UCC - Computer Equipment

CCA Class 45 (45%)	31-Dec-07	31-Dec-08	31-Dec-09
Opening UCC	\$ -	\$ -	\$ 921,637
Capital Additions Hardware	\$ -	\$ 1,735	\$ -
Capital Additions Software	\$ -	\$ 1,269,488	\$ 599,474
UCC Before Half Year Rule	\$ -	\$ 1,271,223	\$ 1,521,111
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ 635,612	\$ 299,737
Reduced UCC	\$ -	\$ 635,612	\$ 1,221,374
CCA Rate Class 50	55%	55%	55%
CCA	\$ -	\$ 349,586	\$ 671,756
Closing UCC	\$ -	\$ 921,637	\$ 849,355

MONTHLY RATES AND CHARGES - General

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	10.16
Distribution Volumetric Rate	\$/kWh	0.0207
Distribution Volumetric Rate Rider forLost Revenue Adjustment Mechanism (LRAM) Recovery/Shared		
Savings Mechanism (SSM) – effective until Friday, April 30, 2010	\$/kWh	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	16.35
Distribution Volumetric Rate	\$/kWh	0.0185
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 1,499 kW

Rate Description	Metric	Rate
Service Charge	\$	251.49
Distribution Volumetric Rate	\$/kW	3.0211
Distribution Volumetric Rate Rider forLost Revenue Adjustment Mechanism (LRAM) Recovery/Shared		
Savings Mechanism (SSM) – effective until Friday, April 30, 2010	\$/kW	0.0045
Distribution Volumetric Rate Rider forTax Change Rate Rider – effective until Friday, April 30, 2010	\$/kW	(0.0035)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1112
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5878
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0756
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 1,500 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	4,018.55
Distribution Volumetric Rate	\$/kW	2.8853
Distribution Volumetric Rate Rider forLost Revenue Adjustment Mechanism (LRAM) Recovery/Shared		
Savings Mechanism (SSM) – effective until Friday, April 30, 2010	\$/kW	0.0019
Distribution Volumetric Rate Rider forTax Change Rate Rider – effective until Friday, April 30, 2010	\$/kW	(0.0041)
Retail Transmission Rate – Network Service Rate	\$/kW	2.1922
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6969
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0808
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Large Use

Rate Description	Metric	Rate
Service Charge	\$	14,589.94
Distribution Volumetric Rate	\$/kW	2.7620
Distribution Volumetric Rate Rider for Tax Change Rate Rider – effective until Friday, April 30, 2010	\$/kW	(0.0035)
Retail Transmission Rate – Network Service Rate	\$/kW	2.4301
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9109
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0910
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge	\$	4.01
Distribution Volumetric Rate	\$/kWh	0.0200
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge	\$	1.89
Distribution Volumetric Rate	\$/kW	7.2031
Distribution Volumetric Rate Rider for Tax Change Rate Rider – effective until Friday, April 30, 2010	\$/kW	(0.0124)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5664
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2042
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0574
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge	\$	0.48
Distribution Volumetric Rate	\$/kW	3.4371
Distribution Volumetric Rate Rider for Tax Change Rate Rider – effective until Friday, April 30, 2010	\$/kW	(0.0048)
Retail Transmission Rate – Network Service Rate	\$/kW	1.5585
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1796
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0561
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

MONTHLY RATES AND CHARGES - Unique

Rate Class

Standby Power General Service 50 to 1,499 kW

Rate Description	Metric	Rate
Service Charge	\$	107.42
Distribution Volumetric Rate	\$/kW	1.4335

Rate Class

Standby Power General Service 1,500 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	107.42
Distribution Volumetric Rate	\$/kW	1.3150

Rate Class

Standby Power - Large Use

Rate Description	Metric	Rate
Service Charge	\$	107.42
Distribution Volumetric Rate	\$/kW	1.4593

Specific Service Charges

Customer Administration

	Metric	Current
Arrears certificate	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed Payment Charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

Non-Payment of Account

	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00

Other

	Metric	Current
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Dry core transformer distribution charge	As per Attached Table	

Allowances

	Metric	Current
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.0)

Retail Service Charges (if applicable)

	Metric	Current
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

	Current
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0344
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0170
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0240
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0069

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective May 1, 2009

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

Dry Core Transformer Charges

EB-2008-0188

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission per kW	Cost of Energy and Wholesale Market per kWh	Total Monthly cost of power	Cost of Distribution per kW	Total
Rates			\$3.60	\$0.08		\$3.16	
25 KVA 1 PH	150	900	\$0.58	\$6.83	\$7.41	\$0.51	\$7.92
37.5 KVA 1 PH	200	1200	\$0.77	\$9.11	\$9.88	\$0.68	\$10.55
50 KVA 1 PH	250	1600	\$0.98	\$11.45	\$12.44	\$0.86	\$13.30
75 KVA 1 PH	350	1900	\$1.31	\$15.79	\$17.10	\$1.15	\$18.25
100 KVA 1 PH	400	2600	\$1.58	\$18.36	\$19.94	\$1.39	\$21.33
150 KVA 1 PH	525	3500	\$2.10	\$24.16	\$26.25	\$1.83	\$28.09
167 KVA 1 PH	650	4400	\$2.61	\$29.96	\$32.56	\$2.28	\$34.85
200 KVA 1 PH	696	4700	\$2.79	\$32.07	\$34.86	\$2.44	\$37.30
225 KVA 1 PH	748	5050	\$3.00	\$34.46	\$37.46	\$2.62	\$40.09
250 KVA 1 PH	800	5400	\$3.21	\$36.86	\$40.06	\$2.81	\$42.87
*15 KVA 3 PH	125	650	\$0.46	\$5.62	\$6.08	\$0.41	\$6.49
*45 KVA 3 PH	300	1800	\$1.16	\$13.66	\$14.82	\$1.01	\$15.83
*75 KVA 3 PH	400	2400	\$1.54	\$18.21	\$19.76	\$1.35	\$21.11
*112.5 KVA 3 PH	600	3400	\$2.28	\$27.17	\$29.45	\$1.99	\$31.44
*150 KVA 3 PH	700	4500	\$2.76	\$32.09	\$34.85	\$2.42	\$37.27
*225 KVA 3 PH	900	5300	\$3.46	\$40.90	\$44.36	\$3.03	\$47.38
*300 KVA 3 PH	1100	6300	\$4.19	\$49.86	\$54.05	\$3.67	\$57.72
*500 KVA 3 PH	1500	9700	\$5.93	\$68.80	\$74.73	\$5.19	\$79.92
*750 KVA 3 PH	2100	12000	\$7.99	\$95.17	\$103.16	\$7.00	\$110.16
*1000 KVA 3 PH	2600	15000	\$9.93	\$117.93	\$127.85	\$8.69	\$136.54
*1500 KVA 3 PH	4000	22000	\$15.06	\$180.64	\$195.70	\$13.19	\$208.89
*2000 KVA 3 PH	4800	24000	\$17.61	\$215.01	\$232.63	\$15.42	\$248.04
*2500 KVA 3 PH	5700	26000	\$20.43	\$253.50	\$273.93	\$17.89	\$291.82

No Load and Load Losses from CSA standard C802-94 Maximum losses for distribution power and dry-type transformers
 commercial use
 Average load factor = 0.46 average loss factor = 0.2489

*For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	9.54	10.16
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0205	0.0207
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.0001	0.0005
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0050	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039	0.0042
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,000 kWh	- kW
RPP Tier One	600 kWh	Load Factor

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0560	33.60	600	0.0560	33.60	0.00	0.0%	27.30%
Energy Second Tier (kWh)	435	0.0650	28.28	435	0.0650	28.28	0.00	0.0%	22.98%
Sub-Total: Energy			61.88			61.88	0.00	0.0%	50.28%
Service Charge	1	9.54	9.54	1	10.16	10.16	0.62	6.5%	8.26%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,000	0.0205	20.50	1,000	0.0207	20.70	0.20	1.0%	16.82%
Distribution Volumetric Rate Rider(s)	1,000	-0.0001	-0.10	1,000	0.0005	0.50	0.60	(600.0)%	0.41%
Total: Distribution			29.94			31.36	1.42	4.7%	25.48%
Retail Transmission Rate – Network Service Rate	1,035	0.0050	5.18	1,035	0.0056	5.80	0.62	12.0%	4.71%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,035	0.0039	4.04	1,035	0.0042	4.35	0.31	7.7%	3.53%
Retail Transmission Rate – Low Voltage Service Rate	1,035	0.0002	0.21	1,035	0.0002	0.21	0.00	0.0%	0.17%
Total: Retail Transmission			9.43			10.36	0.93	9.9%	8.42%
Sub-Total: Delivery (Distribution and Retail Transmission)			39.37			41.72	2.35	6.0%	33.90%
Wholesale Market Service Rate	1,035	0.0052	5.38	1,035	0.0052	5.38	0.00	0.0%	4.37%
Rural Rate Protection Charge	1,035	0.0010	1.04	1,035	0.0010	1.04	0.00	0.0%	0.85%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.20%
Sub-Total: Regulatory			6.67			6.67	0.00	0.0%	5.42%
Debt Retirement Charge (DRC)	1,000	0.00694	6.94	1,000	0.00694	6.94	0.00	0.0%	5.64%
Total Bill before Taxes			114.86			117.21	2.35	2.0%	95.24%
GST	114.86	5%	5.74	117.21	5%	5.86	0.12	2.1%	4.76%
			120.60			123.07	2.47	2.0%	100.00%

Bill Impacts

Rate Class Threshold Test

Residential

	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh		259	621	1,035	1,656	2,328
kW						
Load Factor						

Energy

Applied For Bill	\$ 14.50	\$ 34.96	\$ 61.87	\$ 102.24	\$ 145.92
Current Bill	\$ 14.50	\$ 34.96	\$ 61.87	\$ 102.24	\$ 145.92
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	38.2%	46.0%	50.3%	52.8%	54.0%

Distribution

Applied For Bill	\$ 15.47	\$ 22.88	\$ 31.36	\$ 44.08	\$ 57.87
Current Bill	\$ 14.65	\$ 21.78	\$ 29.94	\$ 42.18	\$ 55.45
\$ Impact	\$ 0.82	\$ 1.10	\$ 1.42	\$ 1.90	\$ 2.42
% Impact	5.6%	5.1%	4.7%	4.5%	4.4%
% of Total Bill	40.7%	30.1%	25.5%	22.8%	21.4%

Retail Transmission

Applied For Bill	\$ 2.59	\$ 6.21	\$ 10.36	\$ 16.56	\$ 23.29
Current Bill	\$ 2.35	\$ 5.64	\$ 9.42	\$ 15.07	\$ 21.19
\$ Impact	\$ 0.24	\$ 0.57	\$ 0.94	\$ 1.49	\$ 2.10
% Impact	10.2%	10.1%	10.0%	9.9%	9.9%
% of Total Bill	6.8%	8.2%	8.4%	8.5%	8.6%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 18.06	\$ 29.09	\$ 41.72	\$ 60.64	\$ 81.16
Current Bill	\$ 17.00	\$ 27.42	\$ 39.36	\$ 57.25	\$ 76.64
\$ Impact	\$ 1.06	\$ 1.67	\$ 2.36	\$ 3.39	\$ 4.52
% Impact	6.2%	6.1%	6.0%	5.9%	5.9%
% of Total Bill	47.6%	38.3%	33.9%	31.3%	30.0%

Regulatory

Applied For Bill	\$ 1.86	\$ 4.10	\$ 6.67	\$ 10.52	\$ 14.69
Current Bill	\$ 1.86	\$ 4.10	\$ 6.67	\$ 10.52	\$ 14.69
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.9%	5.4%	5.4%	5.4%	5.4%

Debt Retirement Charge

Applied For Bill	\$ 1.74	\$ 4.16	\$ 6.94	\$ 11.10	\$ 15.62
Current Bill	\$ 1.74	\$ 4.16	\$ 6.94	\$ 11.10	\$ 15.62
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.6%	5.5%	5.6%	5.7%	5.8%

Bill Impacts

Rate Class Threshold Test

Residential

kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	259	621	1,035	1,656	2,328
kW					
Load Factor					

GST

Applied For Bill	\$ 1.81	\$ 3.62	\$ 5.86	\$ 9.23	\$ 12.87
Current Bill	\$ 1.76	\$ 3.53	\$ 5.74	\$ 9.06	\$ 12.64
\$ Impact	\$ 0.05	\$ 0.09	\$ 0.12	\$ 0.17	\$ 0.23
% Impact	2.8%	2.5%	2.1%	1.9%	1.8%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 37.97	\$ 75.93	\$ 123.06	\$ 193.73	\$ 270.26
Current Bill	\$ 36.86	\$ 74.17	\$ 120.58	\$ 190.17	\$ 265.51
\$ Impact	\$ 1.11	\$ 1.76	\$ 2.48	\$ 3.56	\$ 4.75
% Impact	3.0%	2.4%	2.1%	1.9%	1.8%

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	15.67	16.35
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0183	0.0185
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0010	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036	0.0039
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	10,000 kWh	- kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	3.65%
Energy Second Tier (kWh)	9,594	0.0650	623.61	9,594	0.0650	623.61	0.00	0.0%	54.19%
Sub-Total: Energy			665.61			665.61	0.00	0.0%	57.84%
Service Charge	1	15.67	15.67	1	16.35	16.35	0.68	4.3%	1.42%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	10,000	0.0183	183.00	10,000	0.0185	185.00	2.00	1.1%	16.08%
Distribution Volumetric Rate Rider(s)	10,000	-0.0010	-10.00	10,000	0.0000	0.00	10.00	(100.0)%	0.00%
Total: Distribution			188.67			201.35	12.68	6.7%	17.50%
Retail Transmission Rate – Network Service Rate	10,344	0.0046	47.58	10,344	0.0051	52.75	5.17	10.9%	4.58%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,344	0.0036	37.24	10,344	0.0039	40.34	3.10	8.3%	3.51%
Retail Transmission Rate – Low Voltage Service Rate	10,344	0.0002	2.07	10,344	0.0002	2.07	0.00	0.0%	0.18%
Total: Retail Transmission			86.89			95.16	8.27	9.5%	8.27%
Sub-Total: Delivery (Distribution and Retail Transmission)			275.56			296.51	20.95	7.6%	25.77%
Wholesale Market Service Rate	10,344	0.0052	53.79	10,344	0.0052	53.79	0.00	0.0%	4.67%
Rural Rate Protection Charge	10,344	0.0010	10.34	10,344	0.0010	10.34	0.00	0.0%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.38			64.38	0.00	0.0%	5.59%
Debt Retirement Charge (DRC)	10,000	0.00694	69.40	10,000	0.00694	69.40	0.00	0.0%	6.03%
Total Bill before Taxes			1,074.95			1,095.90	20.95	1.9%	95.24%
GST	1,074.95	5%	53.75	1,095.90	5%	54.80	1.05	2.0%	4.76%
			1,128.70			1,150.70	22.00	1.9%	100.00%

Bill Impacts

Rate Class Threshold Test

General Service Less Than 50 kW

	kWh	1,000	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		1,035	5,172	10,344	15,516	20,688
	kW					
Load Factor						
Energy						
Applied For Bill	\$	60.52	\$ 329.43	\$ 665.61	\$ 1,001.79	\$ 1,337.97
Current Bill	\$	60.52	\$ 329.43	\$ 665.61	\$ 1,001.79	\$ 1,337.97
\$ Impact	\$	-	\$ -	\$ -	\$ -	\$ -
% Impact		0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill		48.6%	56.7%	57.8%	58.2%	58.4%
Distribution						
Applied For Bill	\$	34.85	\$ 108.85	\$ 201.35	\$ 293.85	\$ 386.35
Current Bill	\$	32.97	\$ 102.17	\$ 188.67	\$ 275.17	\$ 361.67
\$ Impact	\$	1.88	\$ 6.68	\$ 12.68	\$ 18.68	\$ 24.68
% Impact		5.7%	6.5%	6.7%	6.8%	6.8%
% of Total Bill		28.0%	18.8%	17.5%	17.1%	16.9%
Retail Transmission						
Applied For Bill	\$	9.53	\$ 47.58	\$ 95.16	\$ 142.74	\$ 190.33
Current Bill	\$	8.70	\$ 43.44	\$ 86.89	\$ 130.33	\$ 173.78
\$ Impact	\$	0.83	\$ 4.14	\$ 8.27	\$ 12.41	\$ 16.55
% Impact		9.5%	9.5%	9.5%	9.5%	9.5%
% of Total Bill		7.7%	8.2%	8.3%	8.3%	8.3%
Delivery (Distribution and Retail Transmission)						
Applied For Bill	\$	44.38	\$ 156.43	\$ 296.51	\$ 436.59	\$ 576.68
Current Bill	\$	41.67	\$ 145.61	\$ 275.56	\$ 405.50	\$ 535.45
\$ Impact	\$	2.71	\$ 10.82	\$ 20.95	\$ 31.09	\$ 41.23
% Impact		6.5%	7.4%	7.6%	7.7%	7.7%
% of Total Bill		35.7%	26.9%	25.8%	25.4%	25.2%
Regulatory						
Applied For Bill	\$	6.67	\$ 32.31	\$ 64.38	\$ 96.45	\$ 128.52
Current Bill	\$	6.67	\$ 32.31	\$ 64.38	\$ 96.45	\$ 128.52
\$ Impact	\$	-	\$ -	\$ -	\$ -	\$ -
% Impact		0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill		5.4%	5.6%	5.6%	5.6%	5.6%
Debt Retirement Charge						
Applied For Bill	\$	6.94	\$ 34.70	\$ 69.40	\$ 104.10	\$ 138.80
Current Bill	\$	6.94	\$ 34.70	\$ 69.40	\$ 104.10	\$ 138.80
\$ Impact	\$	-	\$ -	\$ -	\$ -	\$ -
% Impact		0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill		5.6%	6.0%	6.0%	6.0%	6.1%

Bill Impacts

Rate Class Threshold Test

General Service Less Than 50 kW

kWh	1,000	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh	1,035	5,172	10,344	15,516	20,688
kW					
Load Factor					

GST

Applied For Bill	\$ 5.93	\$ 27.64	\$ 54.80	\$ 81.95	\$ 109.10
Current Bill	\$ 5.79	\$ 27.10	\$ 53.75	\$ 80.39	\$ 107.04
\$ Impact	\$ 0.14	\$ 0.54	\$ 1.05	\$ 1.56	\$ 2.06
% Impact	2.4%	2.0%	2.0%	1.9%	1.9%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 124.44	\$ 580.51	\$ 1,150.70	\$ 1,720.88	\$ 2,291.07
Current Bill	\$ 121.59	\$ 569.15	\$ 1,128.70	\$ 1,688.23	\$ 2,247.78
\$ Impact	\$ 2.85	\$ 11.36	\$ 22.00	\$ 32.65	\$ 43.29
% Impact	2.3%	2.0%	1.9%	1.9%	1.9%

General Service 50 to 1,499 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	248.53	251.49
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.9918	3.0211
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.4572	0.0010
Retail Transmission Rate – Network Service Rate	\$/kW	1.8976	2.1112
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4730	1.5878
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0749	0.0756
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	215,000	kWh	730	kW
RPP Tier One	750	kWh	Load Factor	40.4%

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	0.18%
Energy Second Tier (kWh)	221,646	0.0650	14,406.99	221,646	0.0650	14,406.99	0.00	0.0%	60.89%
Sub-Total: Energy			14,448.99			14,448.99	0.00	0.0%	61.07%
Service Charge	1	248.53	248.53	1	251.49	251.49	2.96	1.2%	1.06%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	730	2.9918	2,184.01	730	3.0211	2,205.40	21.39	1.0%	9.32%
Distribution Volumetric Rate Rider(s)	730	-0.4572	-333.76	730	0.0010	0.73	334.49	(100.2)%	0.00%
Total: Distribution			2,098.78			2,457.62	358.84	17.1%	10.39%
Retail Transmission Rate – Network Service Rate	730	1.8976	1,385.25	730	2.1112	1,541.18	155.93	11.3%	6.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	730	1.4730	1,075.29	730	1.5878	1,159.09	83.80	7.8%	4.90%
Retail Transmission Rate – Low Voltage Service Rate	730	0.0749	54.68	730	0.0756	55.19	0.51	0.9%	0.23%
Total: Retail Transmission			2,515.22			2,755.46	240.24	9.6%	11.65%
Sub-Total: Delivery (Distribution and Retail Transmission)			4,614.00			5,213.08	599.08	13.0%	22.03%
Wholesale Market Service Rate	222,396	0.0052	1,156.46	222,396	0.0052	1,156.46	0.00	0.0%	4.89%
Rural Rate Protection Charge	222,396	0.0010	222.40	222,396	0.0010	222.40	0.00	0.0%	0.94%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			1,379.11			1,379.11	0.00	0.0%	5.83%
Debt Retirement Charge (DRC)	215,000	0.00694	1,492.10	215,000	0.00694	1,492.10	0.00	0.0%	6.31%
Total Bill before Taxes			21,934.20			22,533.28	599.08	2.7%	95.24%
GST	21,934.20	5%	1,096.71	22,533.28	5%	1,126.66	29.95	2.7%	4.76%
			23,030.91			23,659.94	629.03	2.7%	100.00%

Bill Impacts

Rate Class Threshold Test

General Service 50 to 1,499 kW

kWh	20,000	156,000	293,000	449,000	602,000
Loss Factor Adjusted kWh	20,688	161,367	303,080	464,446	622,709
kW	50	390	730	1,120	1,500
Load Factor	0.55	0.55	0.55	0.55	0.55

Energy

Applied For Bill	\$ 1,337.97	\$ 10,482.10	\$ 19,693.45	\$ 30,182.24	\$ 40,469.33
Current Bill	\$ 1,337.97	\$ 10,482.10	\$ 19,693.45	\$ 30,182.24	\$ 40,469.33
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	58.0%	64.5%	65.1%	65.3%	65.4%

Distribution

Applied For Bill	\$ 402.60	\$ 1,430.13	\$ 2,457.65	\$ 3,636.29	\$ 4,784.70
Current Bill	\$ 375.26	\$ 1,237.02	\$ 2,098.78	\$ 3,087.29	\$ 4,050.43
\$ Impact	\$ 27.34	\$ 193.11	\$ 358.87	\$ 549.00	\$ 734.27
% Impact	7.3%	15.6%	17.1%	17.8%	18.1%
% of Total Bill	17.5%	8.8%	8.1%	7.9%	7.7%

Retail Transmission

Applied For Bill	\$ 188.73	\$ 1,472.09	\$ 2,755.46	\$ 4,227.55	\$ 5,661.90
Current Bill	\$ 172.28	\$ 1,343.74	\$ 2,515.22	\$ 3,858.96	\$ 5,168.25
\$ Impact	\$ 16.45	\$ 128.35	\$ 240.24	\$ 368.59	\$ 493.65
% Impact	9.5%	9.6%	9.6%	9.6%	9.6%
% of Total Bill	8.2%	9.1%	9.1%	9.1%	9.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 591.33	\$ 2,902.22	\$ 5,213.11	\$ 7,863.84	\$ 10,446.60
Current Bill	\$ 547.54	\$ 2,580.76	\$ 4,614.00	\$ 6,946.25	\$ 9,218.68
\$ Impact	\$ 43.79	\$ 321.46	\$ 599.11	\$ 917.59	\$ 1,227.92
% Impact	8.0%	12.5%	13.0%	13.2%	13.3%
% of Total Bill	25.6%	17.9%	17.2%	17.0%	16.9%

Regulatory

Applied For Bill	\$ 128.52	\$ 1,000.73	\$ 1,879.35	\$ 2,879.82	\$ 3,861.05
Current Bill	\$ 128.52	\$ 1,000.73	\$ 1,879.35	\$ 2,879.82	\$ 3,861.05
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.6%	6.2%	6.2%	6.2%	6.2%

Debt Retirement Charge

Applied For Bill	\$ 138.80	\$ 1,082.64	\$ 2,033.42	\$ 3,116.06	\$ 4,177.88
Current Bill	\$ 138.80	\$ 1,082.64	\$ 2,033.42	\$ 3,116.06	\$ 4,177.88
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.0%	6.7%	6.7%	6.7%	6.7%

Bill Impacts

Rate Class Threshold Test

General Service 50 to 1,499 kW

	kWh	20,000	156,000	293,000	449,000	602,000
Loss Factor Adjusted kWh		20,688	161,367	303,080	464,446	622,709
	kW	50	390	730	1,120	1,500
Load Factor		0.55	0.55	0.55	0.55	0.55

GST

Applied For Bill	\$	109.83	\$	773.38	\$	1,440.97	\$	2,202.10	\$	2,947.74
Current Bill	\$	107.64	\$	757.31	\$	1,411.01	\$	2,156.22	\$	2,886.35
\$ Impact	\$	2.19	\$	16.07	\$	29.96	\$	45.88	\$	61.39
% Impact		2.0%		2.1%		2.1%		2.1%		2.1%
% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%

Total Bill

Applied For Bill	\$	2,306.45	\$	16,241.07	\$	30,260.30	\$	46,244.06	\$	61,902.60
Current Bill	\$	2,260.47	\$	15,903.54	\$	29,631.23	\$	45,280.59	\$	60,613.29
\$ Impact	\$	45.98	\$	337.53	\$	629.07	\$	963.47	\$	1,289.31
% Impact		2.0%		2.1%		2.1%		2.1%		2.1%

General Service 1,500 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	3,979.03	4,018.55
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.8573	2.8853
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.5151	0.0022
Retail Transmission Rate – Network Service Rate	\$/kW	1.9704	2.1922
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5742	1.6969
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0800	0.0808
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,180,000	kWh	3,250	kW
RPP Tier One	750	kWh	Load Factor	49.8%

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	0.03%
Energy Second Tier (kWh)	1,219,842	0.0650	79,289.73	1,219,842	0.0650	79,289.73	0.00	0.0%	62.21%
Sub-Total: Energy			79,331.73			79,331.73	0.00	0.0%	62.25%
Service Charge	1	3,979.03	3,979.03	1	4,018.55	4,018.55	39.52	1.0%	3.15%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	3,250	2.8573	9,286.23	3,250	2.8853	9,377.23	91.00	1.0%	7.36%
Distribution Volumetric Rate Rider(s)	3,250	-0.5151	-1,674.08	3,250	-0.0022	-7.15	1,666.93	(99.6)%	-0.01%
Total: Distribution			11,591.18			13,388.63	1,797.45	15.5%	10.51%
Retail Transmission Rate – Network Service Rate	3,250	1.9704	6,403.80	3,250	2.1922	7,124.65	720.85	11.3%	5.59%
Retail Transmission Rate – Line and Transformation Connection Service Rate	3,250	1.5742	5,116.15	3,250	1.6969	5,514.93	398.78	7.8%	4.33%
Retail Transmission Rate – Low Voltage Service Rate	3,250	0.0800	260.00	3,250	0.0808	262.60	2.60	1.0%	0.21%
Total: Retail Transmission			11,779.95			12,902.18	1,122.23	9.5%	10.12%
Sub-Total: Delivery (Distribution and Retail Transmission)			23,371.13			26,290.81	2,919.68	12.5%	20.63%
Wholesale Market Service Rate	1,220,592	0.0052	6,347.08	1,220,592	0.0052	6,347.08	0.00	0.0%	4.98%
Rural Rate Protection Charge	1,220,592	0.0010	1,220.59	1,220,592	0.0010	1,220.59	0.00	0.0%	0.96%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			7,567.92			7,567.92	0.00	0.0%	5.94%
Debt Retirement Charge (DRC)	1,180,000	0.00694	8,189.20	1,180,000	0.00694	8,189.20	0.00	0.0%	6.43%
Total Bill before Taxes			118,459.98			121,379.66	2,919.68	2.5%	95.24%
GST	118,459.98	5%	5,923.00	121,379.66	5%	6,068.98	145.98	2.5%	4.76%
			124,382.98			127,448.64	3,065.66	2.5%	100.00%

Bill Impacts

Rate Class Threshold Test

General Service 1,500 to 4,999 kW

	kWh	20,000	156,000	293,000	449,000	602,000
Loss Factor Adjusted kWh		20,688	161,367	303,080	464,446	622,709
	kW	1,500	2,375	3,250	4,130	5,000
Load Factor		0.02	0.09	0.12	0.15	0.17

Energy

Applied For Bill	\$	1,337.97	\$	10,482.10	\$	19,693.45	\$	30,182.24	\$	40,469.33
Current Bill	\$	1,337.97	\$	10,482.10	\$	19,693.45	\$	30,182.24	\$	40,469.33
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		8.0%		30.4%		37.6%		42.0%		44.4%

Distribution

Applied For Bill	\$	8,343.27	\$	10,866.03	\$	13,388.78	\$	15,925.96	\$	18,434.30
Current Bill	\$	7,492.33	\$	9,541.76	\$	11,591.18	\$	13,652.32	\$	15,690.03
\$ Impact	\$	850.94	\$	1,324.27	\$	1,797.60	\$	2,273.64	\$	2,744.27
% Impact		11.4%		13.9%		15.5%		16.7%		17.5%
% of Total Bill		50.0%		31.5%		25.6%		22.1%		20.2%

Retail Transmission

Applied For Bill	\$	5,954.85	\$	9,428.51	\$	12,902.18	\$	16,395.69	\$	19,849.50
Current Bill	\$	5,436.90	\$	8,608.43	\$	11,779.95	\$	14,969.60	\$	18,123.00
\$ Impact	\$	517.95	\$	820.08	\$	1,122.23	\$	1,426.09	\$	1,726.50
% Impact		9.5%		9.5%		9.5%		9.5%		9.5%
% of Total Bill		35.7%		27.3%		24.6%		22.8%		21.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	14,298.12	\$	20,294.54	\$	26,290.96	\$	32,321.65	\$	38,283.80
Current Bill	\$	12,929.23	\$	18,150.19	\$	23,371.13	\$	28,621.92	\$	33,813.03
\$ Impact	\$	1,368.89	\$	2,144.35	\$	2,919.83	\$	3,699.73	\$	4,470.77
% Impact		10.6%		11.8%		12.5%		12.9%		13.2%
% of Total Bill		85.6%		58.8%		50.2%		44.9%		42.0%

Regulatory

Applied For Bill	\$	128.52	\$	1,000.73	\$	1,879.35	\$	2,879.82	\$	3,861.05
Current Bill	\$	128.52	\$	1,000.73	\$	1,879.35	\$	2,879.82	\$	3,861.05
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		0.8%		2.9%		3.6%		4.0%		4.2%

Debt Retirement Charge

Applied For Bill	\$	138.80	\$	1,082.64	\$	2,033.42	\$	3,116.06	\$	4,177.88
Current Bill	\$	138.80	\$	1,082.64	\$	2,033.42	\$	3,116.06	\$	4,177.88
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		0.8%		3.1%		3.9%		4.3%		4.6%

Bill Impacts

Rate Class Threshold Test

General Service 1,500 to 4,999 kW

kWh	20,000	156,000	293,000	449,000	602,000
Loss Factor Adjusted kWh	20,688	161,367	303,080	464,446	622,709
kW	1,500	2,375	3,250	4,130	5,000
Load Factor	0.02	0.09	0.12	0.15	0.17

GST

Applied For Bill	\$ 795.17	\$ 1,643.00	\$ 2,494.86	\$ 3,424.99	\$ 4,339.60
Current Bill	\$ 726.73	\$ 1,535.78	\$ 2,348.87	\$ 3,240.00	\$ 4,116.06
\$ Impact	\$ 68.44	\$ 107.22	\$ 145.99	\$ 184.99	\$ 223.54
% Impact	9.4%	7.0%	6.2%	5.7%	5.4%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 16,698.58	\$ 34,503.01	\$ 52,392.04	\$ 71,924.76	\$ 91,131.66
Current Bill	\$ 15,261.25	\$ 32,251.44	\$ 49,326.22	\$ 68,040.04	\$ 86,437.35
\$ Impact	\$ 1,437.33	\$ 2,251.57	\$ 3,065.82	\$ 3,884.72	\$ 4,694.31
% Impact	9.4%	7.0%	6.2%	5.7%	5.4%

Large Use

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	14,447.82	14,589.94
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.7352	2.7620
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.6082	- 0.0035
Retail Transmission Rate – Network Service Rate	\$/kW	2.1843	2.4301
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7727	1.9109
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0901	0.0910
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	29,000,000	kWh	50,000	kW
RPP Tier One	750	kWh	Load Factor	79.5%

Loss Factor 1.0069

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	0.00%
Energy Second Tier (kWh)	29,199,349	0.0650	1,897,957.69	29,199,349	0.0650	1,897,957.69	0.00	0.0%	68.10%
Sub-Total: Energy			1,897,999.69			1,897,999.69	0.00	0.0%	68.10%
Service Charge	1	14,447.82	14,447.82	1	14,589.94	14,589.94	142.12	1.0%	0.52%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	50,000	2.7352	136,760.00	50,000	2.7620	138,100.00	1,340.00	1.0%	4.95%
Distribution Volumetric Rate Rider(s)	50,000	-0.6082	-30,410.00	50,000	-0.0035	-175.00	30,235.00	(99.4)%	-0.01%
Total: Distribution			120,797.82			152,514.94	31,717.12	26.3%	5.47%
Retail Transmission Rate – Network Service Rate	50,000	2.1843	109,215.00	50,000	2.4301	121,505.00	12,290.00	11.3%	4.36%
Retail Transmission Rate – Line and Transformation Connection Service Rate	50,000	1.7727	88,635.00	50,000	1.9109	95,545.00	6,910.00	7.8%	3.43%
Retail Transmission Rate – Low Voltage Service Rate	50,000	0.0901	4,505.00	50,000	0.0910	4,550.00	45.00	1.0%	0.16%
Total: Retail Transmission			202,355.00			221,600.00	19,245.00	9.5%	7.95%
Sub-Total: Delivery (Distribution and Retail Transmission)			323,152.82			374,114.94	50,962.12	15.8%	13.42%
Wholesale Market Service Rate	29,200,099	0.0052	151,840.51	29,200,099	0.0052	151,840.51	0.00	0.0%	5.45%
Rural Rate Protection Charge	29,200,099	0.0010	29,200.10	29,200,099	0.0010	29,200.10	0.00	0.0%	1.05%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			181,040.86			181,040.86	0.00	0.0%	6.50%
Debt Retirement Charge (DRC)	29,000,000	0.00694	201,260.01	29,000,000	0.00694	201,260.01	0.00	0.0%	7.22%
Total Bill before Taxes			2,603,453.38			2,654,415.50	50,962.12	2.0%	95.24%
GST	2,603,453.38	5%	130,172.67	2,654,415.50	5%	132,720.78	2,548.11	2.0%	4.76%
			2,733,626.05			2,787,136.28	53,510.23	2.0%	100.00%

Bill Impacts

Rate Class Threshold Test

Large Use

	kWh	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
Loss Factor Adjusted kWh		2,617,940	5,034,500	13,089,700	20,138,000	26,179,399
	kW	5,000	10,000	25,000	40,000	50,000
Load Factor		0.71	0.69	0.71	0.69	0.71

Energy

Applied For Bill	\$ 170,159.34	\$ 327,235.74	\$ 850,823.72	\$ 1,308,963.20	\$ 1,701,654.12
Current Bill	\$ 170,159.34	\$ 327,235.74	\$ 850,823.72	\$ 1,308,963.20	\$ 1,701,654.12
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	63.6%	65.0%	66.6%	66.5%	67.0%

Distribution

Applied For Bill	\$ 28,382.44	\$ 42,174.95	\$ 83,552.46	\$ 124,929.98	\$ 152,514.99
Current Bill	\$ 25,082.82	\$ 35,717.82	\$ 67,622.82	\$ 99,527.82	\$ 120,797.82
\$ Impact	\$ 3,299.62	\$ 6,457.13	\$ 15,929.64	\$ 25,402.16	\$ 31,717.17
% Impact	13.2%	18.1%	23.6%	25.5%	26.3%
% of Total Bill	10.6%	8.4%	6.5%	6.3%	6.0%

Retail Transmission

Applied For Bill	\$ 22,160.00	\$ 44,320.00	\$ 110,800.00	\$ 177,280.00	\$ 221,600.00
Current Bill	\$ 20,235.50	\$ 40,471.00	\$ 101,177.50	\$ 161,884.00	\$ 202,355.00
\$ Impact	\$ 1,924.50	\$ 3,849.00	\$ 9,622.50	\$ 15,396.00	\$ 19,245.00
% Impact	9.5%	9.5%	9.5%	9.5%	9.5%
% of Total Bill	8.3%	8.8%	8.7%	9.0%	8.7%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 50,542.44	\$ 86,494.95	\$ 194,352.46	\$ 302,209.98	\$ 374,114.99
Current Bill	\$ 45,318.32	\$ 76,188.82	\$ 168,800.32	\$ 261,411.82	\$ 323,152.82
\$ Impact	\$ 5,224.12	\$ 10,306.13	\$ 25,552.14	\$ 40,798.16	\$ 50,962.17
% Impact	11.5%	13.5%	15.1%	15.6%	15.8%
% of Total Bill	18.9%	17.2%	15.2%	15.4%	14.7%

Regulatory

Applied For Bill	\$ 16,231.48	\$ 31,214.15	\$ 81,156.39	\$ 124,855.85	\$ 162,312.53
Current Bill	\$ 16,231.48	\$ 31,214.15	\$ 81,156.39	\$ 124,855.85	\$ 162,312.53
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.1%	6.2%	6.4%	6.3%	6.4%

Debt Retirement Charge

Applied For Bill	\$ 18,044.00	\$ 34,700.00	\$ 90,220.00	\$ 138,800.00	\$ 180,440.01
Current Bill	\$ 18,044.00	\$ 34,700.00	\$ 90,220.00	\$ 138,800.00	\$ 180,440.01
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.7%	6.9%	7.1%	7.1%	7.1%

Bill Impacts

Rate Class Threshold Test

Large Use

	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
kWh	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
Loss Factor Adjusted kWh	2,617,940	5,034,500	13,089,700	20,138,000	26,179,399
kW	5,000	10,000	25,000	40,000	50,000
Load Factor	0.71	0.69	0.71	0.69	0.71

GST

	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
Applied For Bill	\$ 12,748.86	\$ 23,982.24	\$ 60,827.63	\$ 93,741.45	\$ 120,926.08
Current Bill	\$ 12,487.66	\$ 23,466.94	\$ 59,550.02	\$ 91,701.54	\$ 118,377.97
\$ Impact	\$ 261.20	\$ 515.30	\$ 1,277.61	\$ 2,039.91	\$ 2,548.11
% Impact	2.1%	2.2%	2.1%	2.2%	2.2%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

	2,600,000	5,000,000	13,000,000	20,000,000	26,000,000
Applied For Bill	\$ 267,726.12	\$ 503,627.08	\$ 1,277,380.20	\$ 1,968,570.48	\$ 2,539,447.73
Current Bill	\$ 262,240.80	\$ 492,805.65	\$ 1,250,550.45	\$ 1,925,732.41	\$ 2,485,937.45
\$ Impact	\$ 5,485.32	\$ 10,821.43	\$ 26,829.75	\$ 42,838.07	\$ 53,510.28
% Impact	2.1%	2.2%	2.1%	2.2%	2.2%

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	3.97	4.01
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0198	0.0200
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.0010	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0046	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036	0.0039
Retail Transmission Rate – Low Voltage Service Rate	\$/kWh	0.0002	0.0002
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	10,000 kWh	0 kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	3.64%
Energy Second Tier (kWh)	9,594	0.0650	623.61	9,594	0.0650	623.61	0.00	0.0%	54.06%
Sub-Total: Energy			665.61			665.61	0.00	0.0%	57.70%
Service Charge	1	3.97	3.97	1	4.01	4.01	0.04	1.0%	0.35%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	10,000	0.0198	198.00	10,000	0.0200	200.00	2.00	1.0%	17.34%
Distribution Volumetric Rate Rider(s)	10,000	-0.0010	-10.00	10,000	0.0000	0.00	10.00	(100.0)%	0.00%
Total: Distribution			191.97			204.01	12.04	6.3%	17.69%
Retail Transmission Rate – Network Service Rate	10,344	0.0046	47.58	10,344	0.0051	52.75	5.17	10.9%	4.57%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,344	0.0036	37.24	10,344	0.0039	40.34	3.10	8.3%	3.50%
Retail Transmission Rate – Low Voltage Service Rate	10,344	0.0002	2.07	10,344	0.0002	2.07	0.00	0.0%	0.18%
Total: Retail Transmission			86.89			95.16	8.27	9.5%	8.25%
Sub-Total: Delivery (Distribution and Retail Transmission)			278.86			299.17	20.31	7.3%	25.94%
Wholesale Market Service Rate	10,344	0.0052	53.79	10,344	0.0052	53.79	0.00	0.0%	4.66%
Rural Rate Protection Charge	10,344	0.0010	10.34	10,344	0.0010	10.34	0.00	0.0%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.38			64.38	0.00	0.0%	5.58%
Debt Retirement Charge (DRC)	10,000	0.00694	69.40	10,000	0.00694	69.40	0.00	0.0%	6.02%
Total Bill before Taxes			1,078.25			1,098.56	20.31	1.9%	95.24%
GST	1,078.25	5%	53.91	1,098.56	5%	54.93	1.02	1.9%	4.76%
			1,132.16			1,153.49	21.33	1.9%	100.00%

Bill Impacts

Rate Class Threshold Test

Unmetered Scattered Load

	kWh	500	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		518	5,172	10,344	15,516	20,688
kW						
Load Factor						

Energy

Applied For Bill	\$ 29.01	\$ 329.43	\$ 665.61	\$ 1,001.79	\$ 1,337.97
Current Bill	\$ 29.01	\$ 329.43	\$ 665.61	\$ 1,001.79	\$ 1,337.97
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	50.5%	57.2%	57.7%	57.9%	57.9%

Distribution

Applied For Bill	\$ 14.01	\$ 104.01	\$ 204.01	\$ 304.01	\$ 404.01
Current Bill	\$ 13.37	\$ 97.97	\$ 191.97	\$ 285.97	\$ 379.97
\$ Impact	\$ 0.64	\$ 6.04	\$ 12.04	\$ 18.04	\$ 24.04
% Impact	4.8%	6.2%	6.3%	6.3%	6.3%
% of Total Bill	24.4%	18.1%	17.7%	17.6%	17.5%

Retail Transmission

Applied For Bill	\$ 4.76	\$ 47.58	\$ 95.16	\$ 142.74	\$ 190.33
Current Bill	\$ 4.34	\$ 43.44	\$ 86.89	\$ 130.33	\$ 173.78
\$ Impact	\$ 0.42	\$ 4.14	\$ 8.27	\$ 12.41	\$ 16.55
% Impact	9.7%	9.5%	9.5%	9.5%	9.5%
% of Total Bill	8.3%	8.3%	8.2%	8.2%	8.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 18.77	\$ 151.59	\$ 299.17	\$ 446.75	\$ 594.34
Current Bill	\$ 17.71	\$ 141.41	\$ 278.86	\$ 416.30	\$ 553.75
\$ Impact	\$ 1.06	\$ 10.18	\$ 20.31	\$ 30.45	\$ 40.59
% Impact	6.0%	7.2%	7.3%	7.3%	7.3%
% of Total Bill	32.7%	26.3%	25.9%	25.8%	25.7%

Regulatory

Applied For Bill	\$ 3.46	\$ 32.31	\$ 64.38	\$ 96.45	\$ 128.52
Current Bill	\$ 3.46	\$ 32.31	\$ 64.38	\$ 96.45	\$ 128.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.0%	5.6%	5.6%	5.6%	5.6%

Debt Retirement Charge

Applied For Bill	\$ 3.47	\$ 34.70	\$ 69.40	\$ 104.10	\$ 138.80
Current Bill	\$ 3.47	\$ 34.70	\$ 69.40	\$ 104.10	\$ 138.80
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.0%	6.0%	6.0%	6.0%	6.0%

Bill Impacts

Rate Class Threshold Test
Unmetered Scattered Load

	kWh	500	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		518	5,172	10,344	15,516	20,688
kW						
Load Factor						

GST

Applied For Bill	\$ 2.74	\$ 27.40	\$ 54.93	\$ 82.45	\$ 109.98
Current Bill	\$ 2.68	\$ 26.89	\$ 53.91	\$ 80.93	\$ 107.95
\$ Impact	\$ 0.06	\$ 0.51	\$ 1.02	\$ 1.52	\$ 2.03
% Impact	2.2%	1.9%	1.9%	1.9%	1.9%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 57.45	\$ 575.43	\$ 1,153.49	\$ 1,731.54	\$ 2,309.61
Current Bill	\$ 56.33	\$ 564.74	\$ 1,132.16	\$ 1,699.57	\$ 2,266.99
\$ Impact	\$ 1.12	\$ 10.69	\$ 21.33	\$ 31.97	\$ 42.62
% Impact	2.0%	1.9%	1.9%	1.9%	1.9%

Sentinel Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	1.87	1.89
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	7.1332	7.2031
Distribution Volumetric Rate Rider(s)	\$/kW	-0.3328	0.0124
Retail Transmission Rate – Network Service Rate	\$/kW	1.4079	1.5664
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1171	1.2042
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0568	0.0574
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	180	kWh	0.50	kW
RPP Tier One	750	kWh	Load Factor	49.3%

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	187	0.0560	10.47	187	0.0560	10.47	0.00	0.0%	39.83%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.47			10.47	0.00	0.0%	39.83%
Service Charge	1	1.87	1.87	1	1.89	1.89	0.02	1.1%	7.19%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	7.1332	7.13	1	7.2031	7.20	0.07	1.0%	27.39%
Distribution Volumetric Rate Rider(s)	1	-0.3328	-0.33	1	-0.0124	-0.01	0.32	(97.0)%	-0.04%
Total: Distribution			8.67			9.08	0.41	4.7%	34.54%
Retail Transmission Rate – Network Service Rate	1	1.4079	1.41	1	1.5664	1.57	0.16	11.3%	5.97%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.1171	1.12	1	1.2042	1.20	0.08	7.1%	4.56%
Retail Transmission Rate – Low Voltage Service Rate	1	0.0568	0.06	1	0.0574	0.06	0.00	0.0%	0.23%
Total: Retail Transmission			2.59			2.83	0.24	9.3%	10.76%
Sub-Total: Delivery (Distribution and Retail Transmission)			11.26			11.91	0.65	5.8%	45.30%
Wholesale Market Service Rate	187	0.0052	0.97	187	0.0052	0.97	0.00	0.0%	3.69%
Rural Rate Protection Charge	187	0.0010	0.19	187	0.0010	0.19	0.00	0.0%	0.72%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.95%
Sub-Total: Regulatory			1.41			1.41	0.00	0.0%	5.36%
Debt Retirement Charge (DRC)	180	0.00694	1.25	180	0.00694	1.25	0.00	0.0%	4.75%
Total Bill before Taxes			24.39			25.04	0.65	2.7%	95.25%
GST	24.39	5%	1.22	25.04	5%	1.25	0.03	2.5%	4.75%
			25.61			26.29	0.68	2.7%	100.00%

Bill Impacts

Rate Class Threshold Test

Sentinel Lighting

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	73	135	187	280	373
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	0.48	0.51	0.49	0.49	0.49

Energy

Applied For Bill	\$ 4.09	\$ 7.56	\$ 10.47	\$ 15.68	\$ 20.89
Current Bill	\$ 4.09	\$ 7.56	\$ 10.47	\$ 15.68	\$ 20.89
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	22.7%	33.6%	39.8%	47.5%	52.6%

Distribution

Applied For Bill	\$ 9.08	\$ 9.08	\$ 9.08	\$ 9.08	\$ 9.08
Current Bill	\$ 8.67	\$ 8.67	\$ 8.67	\$ 8.67	\$ 8.67
\$ Impact	\$ 0.41	\$ 0.41	\$ 0.41	\$ 0.41	\$ 0.41
% Impact	4.7%	4.7%	4.7%	4.7%	4.7%
% of Total Bill	50.3%	40.3%	34.5%	27.5%	22.8%

Retail Transmission

Applied For Bill	\$ 2.83	\$ 2.83	\$ 2.83	\$ 2.83	\$ 2.83
Current Bill	\$ 2.59	\$ 2.59	\$ 2.59	\$ 2.59	\$ 2.59
\$ Impact	\$ 0.24	\$ 0.24	\$ 0.24	\$ 0.24	\$ 0.24
% Impact	9.3%	9.3%	9.3%	9.3%	9.3%
% of Total Bill	15.7%	12.6%	10.8%	8.6%	7.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 11.91	\$ 11.91	\$ 11.91	\$ 11.91	\$ 11.91
Current Bill	\$ 11.26	\$ 11.26	\$ 11.26	\$ 11.26	\$ 11.26
\$ Impact	\$ 0.65	\$ 0.65	\$ 0.65	\$ 0.65	\$ 0.65
% Impact	5.8%	5.8%	5.8%	5.8%	5.8%
% of Total Bill	66.0%	52.9%	45.3%	36.1%	30.0%

Regulatory

Applied For Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.99	\$ 2.56
Current Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.99	\$ 2.56
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.9%	4.8%	5.4%	6.0%	6.4%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.90	\$ 1.25	\$ 1.87	\$ 2.50
Current Bill	\$ 0.49	\$ 0.90	\$ 1.25	\$ 1.87	\$ 2.50
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	2.7%	4.0%	4.8%	5.7%	6.3%

Bill Impacts

Rate Class Threshold Test

Sentinel Lighting

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	73	135	187	280	373
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	0.48	0.51	0.49	0.49	0.49

GST

Applied For Bill	\$ 0.86	\$ 1.07	\$ 1.25	\$ 1.57	\$ 1.89
Current Bill	\$ 0.83	\$ 1.04	\$ 1.22	\$ 1.54	\$ 1.86
\$ Impact	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03
% Impact	3.6%	2.9%	2.5%	1.9%	1.6%
% of Total Bill	4.8%	4.7%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 18.05	\$ 22.53	\$ 26.29	\$ 33.02	\$ 39.75
Current Bill	\$ 17.37	\$ 21.85	\$ 25.61	\$ 32.34	\$ 39.07
\$ Impact	\$ 0.68	\$ 0.68	\$ 0.68	\$ 0.68	\$ 0.68
% Impact	3.9%	3.1%	2.7%	2.1%	1.7%

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.48	0.48
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.4037	3.4371
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.4033	- 0.0048
Retail Transmission Rate – Network Service Rate	\$/kW	1.4008	1.5585
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0943	1.1796
Retail Transmission Rate – Low Voltage Service Rate	\$/kW	0.0556	0.0561
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	180	kWh	0.50	kW
RPP Tier One	750	kWh	Load Factor	49.3%

Loss Factor 1.0344

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	187	0.0560	10.47	187	0.0560	10.47	0.00	0.0%	50.24%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.47			10.47	0.00	0.0%	50.24%
Service Charge	1	0.48	0.48	1	0.48	0.48	0.00	0.0%	2.30%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	3.4037	3.40	1	3.4371	3.44	0.04	1.2%	16.51%
Distribution Volumetric Rate Rider(s)	1	-0.4033	-0.40	1	-0.0048	0.00	0.40	(100.0)%	0.00%
Total: Distribution			3.48			3.92	0.44	12.6%	18.81%
Retail Transmission Rate – Network Service Rate	1	1.4008	1.40	1	1.5585	1.56	0.16	11.4%	7.49%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.0943	1.09	1	1.1796	1.18	0.09	8.3%	5.66%
Retail Transmission Rate – Low Voltage Service Rate	1	0.0556	0.06	1	0.0561	0.06	0.00	0.0%	0.29%
Total: Retail Transmission			2.55			2.80	0.25	9.8%	13.44%
Sub-Total: Delivery (Distribution and Retail Transmission)			6.03			6.72	0.69	11.4%	32.25%
Wholesale Market Service Rate	187	0.0052	0.97	187	0.0052	0.97	0.00	0.0%	4.65%
Rural Rate Protection Charge	187	0.0010	0.19	187	0.0010	0.19	0.00	0.0%	0.91%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.20%
Sub-Total: Regulatory			1.41			1.41	0.00	0.0%	6.77%
Debt Retirement Charge (DRC)	180	0.00694	1.25	180	0.00694	1.25	0.00	0.0%	6.00%
Total Bill before Taxes			19.16			19.85	0.69	3.6%	95.25%
GST	19.16	5%	0.96	19.85	5%	0.99	0.03	3.1%	4.75%
			20.12			20.84	0.72	3.6%	100.00%

Bill Impacts

Rate Class Threshold Test

Street Lighting

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		73	135	187	280	373
	kW	0.20	0.35	0.50	0.75	1.00
Load Factor		0.48	0.51	0.49	0.49	0.49

Energy

Applied For Bill	\$ 4.09	\$ 7.56	\$ 10.47	\$ 15.68	\$ 20.89
Current Bill	\$ 4.09	\$ 7.56	\$ 10.47	\$ 15.68	\$ 20.89
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	32.5%	44.3%	50.2%	56.9%	60.9%

Distribution

Applied For Bill	\$ 3.92	\$ 3.92	\$ 3.92	\$ 3.92	\$ 3.92
Current Bill	\$ 3.48	\$ 3.48	\$ 3.48	\$ 3.48	\$ 3.48
\$ Impact	\$ 0.44	\$ 0.44	\$ 0.44	\$ 0.44	\$ 0.44
% Impact	12.6%	12.6%	12.6%	12.6%	12.6%
% of Total Bill	31.1%	23.0%	18.8%	14.2%	11.4%

Retail Transmission

Applied For Bill	\$ 2.80	\$ 2.80	\$ 2.80	\$ 2.80	\$ 2.80
Current Bill	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55
\$ Impact	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25
% Impact	9.8%	9.8%	9.8%	9.8%	9.8%
% of Total Bill	22.2%	16.4%	13.4%	10.2%	8.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 6.72	\$ 6.72	\$ 6.72	\$ 6.72	\$ 6.72
Current Bill	\$ 6.03	\$ 6.03	\$ 6.03	\$ 6.03	\$ 6.03
\$ Impact	\$ 0.69	\$ 0.69	\$ 0.69	\$ 0.69	\$ 0.69
% Impact	11.4%	11.4%	11.4%	11.4%	11.4%
% of Total Bill	53.3%	39.3%	32.2%	24.4%	19.6%

Regulatory

Applied For Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.99	\$ 2.56
Current Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.99	\$ 2.56
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.6%	6.4%	6.8%	7.2%	7.5%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.90	\$ 1.25	\$ 1.87	\$ 2.50
Current Bill	\$ 0.49	\$ 0.90	\$ 1.25	\$ 1.87	\$ 2.50
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.9%	5.3%	6.0%	6.8%	7.3%

Bill Impacts

Rate Class Threshold Test

Street Lighting

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	73	135	187	280	373
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	0.48	0.51	0.49	0.49	0.49

GST

Applied For Bill	\$ 0.60	\$ 0.81	\$ 0.99	\$ 1.31	\$ 1.63
Current Bill	\$ 0.57	\$ 0.78	\$ 0.96	\$ 1.28	\$ 1.60
\$ Impact	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03
% Impact	5.3%	3.8%	3.1%	2.3%	1.9%
% of Total Bill	4.8%	4.7%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 12.60	\$ 17.08	\$ 20.84	\$ 27.57	\$ 34.30
Current Bill	\$ 11.88	\$ 16.36	\$ 20.12	\$ 26.85	\$ 33.58
\$ Impact	\$ 0.72	\$ 0.72	\$ 0.72	\$ 0.72	\$ 0.72
% Impact	6.1%	4.4%	3.6%	2.7%	2.1%