



HAWKESBURY HYDRO INC.

October 31ST, 2008

Board Secretary
Ontario Energy Board
P.O. Box 2319
27th Floor
2300 Yonge st
Toronto, (Ontario)
M4P 1E4

Object: EB-2008-0185 Hydro Hawkesbury Inc. 2009 Distribution Rate Application (IRM 2009)
Filing Date: November 7th 2008.

Please find enclosed Hydro Hawkesbury Inc. 2009 Distribution Rate Application. You will find the manager's summary as well as the IRM 2009 model as per board instructions issued on October 3rd 2008.

An electronic version of our application was sent to the board web portal on October 31ST 2008.
The content of the electronic submission was:

- One (1) electronic copy of the 2nd Generation IRM model in PDF.
HydroHawkesbury_APPL_IRM 2009_20081107.pdf

One Electronic copy in Excel format of the 2nd generation of the IRM model and supporting excel documents by e-mail to BoardSec@oeb.gov.on.ca. The content of this e-mail.

- RTST study in Excel
- Current VS Proposed rates in Excel
- Bill Impact Generator in Excel

In this correspondence you will find.

- two (2) paper copies of the Manager's Summary , the IRM Model and supporting documents.
- CD, an electronic copy of the PDF document sent to the Board and a completed copy of the Microsoft Excel 2008 IRM Model.

Please do not hesitate to contact the undersign if more information is required.

Michel Poulin
Manager
Hydro Hawkesbury Inc.
613-632-6689

MANAGER'S SUMMARY

HAWKESBURY HYDRO INC.

RP-2005-0020 - EDR 2006
EB-2005-0379 - EDR 2006
EB-2007-0540- IRM 2007
EB-2008-0833- IRM 2008
EB-2008-0185- IRM 2009

IN THE MATTER OF an Application by Hawkesbury Hydro inc. in accordance with the Cost of Capital EB –2006-0088 and 2nd Generation Incentive Regulation Mechanism EB-2006-0089, issued December 20,2006 by the Ontario Energy Board

And in the matter of AN APPLICATION BY Hydro Hawkesbury Inc. for an order or orders approving or fixing just and reasonable distribution rates and other charges, to be effective May 1st, 2009.

1. Introduction

- 1.1 Hawkesbury Hydro Inc. (the “Company”) is a licensed electricity distribution business operating in the Towns of Hawkesbury under license #ED-2003-0027 with no special conditions in its’ licence.
- 1.2 The Company submits this Draft application which includes the 2009 Incentive Rate Mechanism Adjustment Model (IMR) Model, and the required documentation to adjust distribution rates effective May 1, 2009 in accordance with the Filing Guidelines based on the “Board Report” dated December 20, 2006.
- 1.3 Hawkesbury Hydro Inc. will prorate customer consumptions, with Pre-May 1, 2009 consumption at the old rates and post-May 1, 2009 consumption at the new rates.

2. Incentive Rate Mechanism Adjustment (IRM) Model

The following information summarizes the output of the IRM Model.

Sheet A 1.1 LDC INFORMATION

As per the instructions issued by the Board, LDC information related to the application has been entered. IRM2009 EB-2008-0185 as per OEB filing instructions dated October 3rd 2008.

Sheet B 1.1 Curr & Appl RT Class General

As per the instructions issued by the Board, Rate Classes have been identified as per Board Approved 2008 Tariff of Rates and Charges.

Sheet B 2.1 Curr & Appl RT Class Unique

N/A

Sheet C 1.1 Smart Meter Rate adder

As per the instructions issued by the Board, in accordance with Decision with Reason RP-2005-0020/EB-2005-0529 and as per the Board approved IRM 2008, \$0.26 was entered as a rate adder in cellID28.

Sheet C2.1 Smart Meter Cost Recovery

N/A

Sheet C2.2 Regulatory Asset Recovery

N/A

Sheet C2.3 LV Wheeling

N/A

Sheet C 3.1 Curr Rates & Charges General

As per the instructions issued by the Board, Rate have been identified and entered as per Board Approved 2008 Tariff of Rates and Charges

Sheet C 6.1 *Curr Rates & Charges Unique*

N/A

Sheet C 7.1 *Base Dist rate General*

No input required.

Sheet C 8.1 *Base Dist rate Unique*

N/A

Sheet D1.1 *K-Factor Adjustment Wrksht*

As per the instructions issued by the Board, data from the approved 2006 EDR and 2006 PIL's model were input in the worksheet accordingly.

K-Factor 2009 -0.3%

Sheet D 1.2 *K-Factor Adjustment General*

No input required

Sheet D 1.3 *K-Factor Adjustment Unique*

N/A

Sheet D2.1 *Federal Tax Adjust Wrksht*

As per Board instruction Cell D 22, D 24, D 31 were populated from K-Factor adjustment worksheet.

Sheet D2.2 *Federal Tax Adjustment Gen*

No input required

Sheet D2.3 *Federal Tax Adjustment Unq*

N/A

Sheet E 1.1 *Rate Reb Base Dist RTS Gen*

No input required

Sheet E 2.1 Rate Reb Base Dist RTS Unique

N/A

Sheet F 1.1 Price Caps Adjustment Wrksht

Board Staff will make adjustment to cell C22

Sheet F 1.2 Price Caps Adjustment General

No inputs required

Sheet F1.3 Price Caps Adjustment Unique

N/A

Sheet G 1.1 Aft PrcCp Base Dst Rts Gen

No inputs required

Sheet G 2.1 AftPrcCap Bas Dst Rts Uniq

N/A

Sheet J1.1 Smart Meters Rate Adder

As per Board instruction the standard rate of \$1.00 was entered in cell D28. Hydro Hawkesbury is seeking Board approval for the Standard \$1.00 Smart Meter Funding Adder as per G-2008-0002 issued on October 22, 2008.

Hydro Hawkesbury Inc. submitted a smart meter investment plan in 2006 under number EB-2006-0246 and Hawkesbury Hydro, under OEB's G-2008-0002 guidelines issued October 22nd 2008, proposes to increase its smart meter rate rider from \$0.26 to \$1.00 per month per metered customer. This increase will help ensure the utility has adequate financial capacity to support the deployments once its smart meter plan is approved by the Board."

Hydro Hawkesbury Inc was part of the London RFP and expect to deploy 2500 meters in 2009 and 2500 in 2010.

Hydro Hawkesbury Inc. is authorized under paragraph 8 of section 1(1) of O.Reg 427/06 that smart meters were procure pursuant to and in compliance with the August 14,2007 Request for Proposal issued by London Hydro Inc.

You will find under the Appendix, the cost analysis of Elster and Sylver Spring

Sheet J2.1 Smart Meter Cost Recovery

N/A

Sheet J2.2 Regulatory Asset Recovery

N/A

Sheet J2.3 LV Wheeling

N/A

Sheet K1.1 App For Dist Rates Gen

No inputs required

Sheet K2.1 App For Dist Rates Uniq

N/A

Sheet L1.1 Curr&Appl For TX Network

Hydro Hawkesbury Inc. would like to seek Board approval to keep the status quo in its Transmission Network Charges.

Attached on the Appendix a worksheet showing a trend of revenues and expenses from 2006 up to 2008. A projection till year end is also included.

If we apply the percentage increases to the 2008 TN Charges we still show a high variance amount.

916,179.49	Transmission Network charged by the IESO & Hydro One
1,001,325.02	Transmission Network billed by the LDC
(85,145.53)	Transmission Network variance

Sheet L1.2 Curr&Appl For TX Net Uniq

N/A

Sheet L2.1 Curr&Appl For TX Connect

Hydro Hawkesbury Inc. would like to seek Board approval to keep the status quo in its Transmission Connection Charges.

Attached on the Appendix a worksheet showing a trend of revenues and expenses from 2006 up to 2008. A projection till year end is also included.

If we apply the percentage increases to the 2008 TC Charges we still show a high variance amount.

537,467.03	Transmission Network charged by the IESO & Hydro One
755,034.05	Transmission Network billed by the LDC
(217,567.02)	Transmission Network variance

Sheet L2.2 Curr&Appl For TX Conn Uniq

N/A

Sheet N1.1 Appl For Mthly R&C General

No inputs required

Sheet N2.1 Appl For Mthly R&C Unique

No inputs required

Sheet N3.1 Curr&Appl For Loss Factor

As per Board instructions Loss factors were entered for every customer class as per IRM 2008 Board approval.

Sheet O1.1 Sum of Chgs To MSC&DX Gen

No inputs required

Sheet O1.2 Sum of Chgs To MSC&DX Uniq

N/A

Sheet O2.1 Calculation of Bill Impact

Also make reference to the Appendix

Service Class		
	MONTHLY KWH	% INCREASE (DECREASE) PER CLASS
Residential	1000	0.9%
General Service Less Than 50 kW	5000	0.2%
General Service 50 to 4,999 kW	50000	0.1%
Large Use	350000	0.2%
Unmetered Scattered Load	1000	0.1%
Sentinel Lighting	180	0.2%
Street Lighting	500	0.1%

Sheet P1.1 Curr&Appl For Allowances

As per Board instructions Allowances were entered for Transformer Allowance for Ownership - per kW of billing demand/month and Primary Metering Allowance for transformer losses - applied to measured demand and energy

Sheet P2.1 Curr&Appl For Spc Srv Chg

As per Board instructions Charges were entered as per Board Approved 2008 Tariff of Rates and Charges.

Sheet P3.1 Curr&Appl For Rtl Srv Chg

Board approved retail service charges.

Signed this 31ST day of October, 2008 in Hawkesbury (Ontario)

Mr. Michel Poulin
Manager
Hydro Hawkesbury Inc.



Ontario Energy Board
 Commission de l'énergie de l'Ontario
2nd Generation Incentive Regulation Mechanism



Email the Board

Forward	Table of Contents	Pull-Down Menu	Input Cell	Formulated Cells	How to Turn on Macros
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*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 Hawkesbury Inc.
Applicant Service Area	Main
OEB Application Number	EB-2008-0185
LDC Licence Number	ED-2003-0027
Notice Publication Language	English/French
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	No
Contact Information	
Name:	MICHEL POULIN
Title:	MANAGER
Phone Number:	613-632-6689
E-Mail Address:	poulinmi@hawk.igs.net

Please Note:
 In the event of an inconsistency between this model and any element of the December 20, 2006 "Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation of Ontario's Electricity Distributors", the Report 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.

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 Meters Rate Adder	Enter Smart Meter Rate Adder	
C2.1 Smart Meter Cost Recovery		0
C2.2 Regulatory Asset Recovery		0
C2.3 LV Wheeling		0
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	
D1.1 K-factor Adjustment Wrksht	Enter 2006 EDR K-Factor Adjustment Data	
D1.2 K-factor Adjustment - Gen	Calculation of Adjustment to Rates for K-Factor - General Rate Class	
D1.3 K-factor Adjustment - Uniq	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class	
D2.1 Federal Tax Adjust Wrksht	Enter Federal Tax Adjustment Data	
D2.2 Federal Tax Adjustment Gen	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes	
D2.3 Federal Tax Adjustment Unq	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes	
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rates before Price Cap Adjustment - General Rate Classes	
E2.1 Rate Reb Base Dist Rts Unq	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes	
E1.1 Price Cap Adjustmnt Wrksht	Enter Price Cap Adjustment Data	
E1.2 Price Cap Adjustment - Gen	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes	
E1.3 Price Cap Adjustment - Unq	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes	
G1.1 Afr PrcCap Base Dist Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
G2.1 AfrPrcCap Bas Dst Rts Uniq	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class	
J1.1 Smart Meters Rate Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder	
J2.1 Smart Meter Cost Recovery		0
J2.2 Regulatory Asset Recovery		0
J2.3 LV Wheeling		0
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	To input adjustment changes for Retail Transmission Network Rates General	
L1.2 Curr&Appl For TX Net Uniq	To input adjustment changes for Retail Transmission Network Rates Unique	
L2.1 Curr&Appl For TX Connect	To input adjustment changes for Retail Transmission Connection Rates General	
L2.2 Curr&Appl For TX Conn Uniq	To input adjustment changes for Retail Transmission Connection Rates Unique	
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	



2nd Generation Incentive Regulation Mechanism

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

Instructions

Using the pull-down list in column C and D, choose the general classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is NEW, CONTINUING, OR DISCONTINUING.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

<u>Rate Group</u>	<u>Rate Class</u>	<u>Applied for Status</u>	<u>Fixed Metric</u>	<u>Vol Metric</u>
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 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 8	NA	NA	NA
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



Previous
 Forward
 Table of Contents
 Current Tariff Sheet
 Proposed Tariff Sheet
 Current & Proposed Tariff Sheets
 Bill Impacts Generator

Instructions

Using the pull-down list in column C and D, choose the unique classes that match those on your Board-Approved 2008 Tariff of Rates and Charges.

In column E, indicate whether the class is NEW, CONTINUING, OR DISCONTINUING.

(If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
NA	Rate Class 26	NA	NA	NA
NA	Rate Class 27	NA	NA	NA
NA	Rate Class 28	NA	NA	NA
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



Email

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

Instructions

The smart meter plan rate adder is a monthly service charge for metered customers equivalent to an amount of \$0.30 per month per residential customer for utilities that do not have a plan. A different amount applied to utilities who had a smart meter plan that was modified in accordance with the Decision with Reasons RP-2005-0020 / EB-2005-0529.

Please identify the rate adder in cell D28. For most utilities, the rate adder can be located in the Board-approved 2008 IRM model, worksheet "8. Addback of Smart Meter Amt", column D.

Rate Adder	Smart Meters Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	0.260000

<u>Rate Class</u>	<u>Applied to Class</u>	<u>Fixed Amount</u>	<u>Fixed Metric</u>	<u>Vol Amount</u>	<u>Vol Metric</u>
Residential	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.260000	Customer - 12 per year	0.000000	kW
Large Use	Yes	0.260000	Customer - 12 per year	0.000000	kW

Rate Rider Smart Meter Cost Recovery

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 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

Rate Rider	Regulatory Asset Recovery
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 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

Rate Rider	LV Wheeling
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 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



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2nd Generation Incentive Regulation Mechanism



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

Instructions
Enter your Board-Approved 2008 Tariff of Rates and Charges for all General Classes

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	5.18
Distribution Volumetric Rate	\$/kWh	0.0091
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
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	\$	9.90
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	46.35
Distribution Volumetric Rate	\$/kW	0.5374
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8479
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0849
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.2938
	\$/kW	0.0000
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	\$	6,406.94
Distribution Volumetric Rate	\$/kW	1.6655
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.0461
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.3601
	\$/kW	0.0000
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)	\$	9.64
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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)	\$	0.99
Distribution Volumetric Rate	\$/kW	5.1230
Retail Transmission Rate – Network Service Rate	\$/kW	1.3127
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7125
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)	\$	0.36
Distribution Volumetric Rate	\$/kW	3.3265
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8397
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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2nd Generation Incentive Regulation Mechanism



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Instructions
Enter your Board-Approved 2008 Tariff of Rates and Charges for the Unique classes



2nd Generation Incentive Regulation Mechanism

[Previous](#)
[Forward](#)
[Table of Contents](#)
[Current Tariff Sheet](#)
[Proposed Tariff Sheet](#)
[Current & Proposed Tariff Sheets](#)
[Bill Impacts Generator](#)

Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all general classes.

Service Charge

Class	Metric	Current Rates	Smart Meters Rate Adder	Current Base Rates
Residential	Customer - 12 per year	5.180000	0.260000	4.920000
General Service Less Than 50 kW	Customer - 12 per year	9.900000	0.260000	9.640000
General Service 50 to 4,999 kW	Customer - 12 per year	46.350000	0.260000	46.090000
Large Use	Customer - 12 per year	6,406.940000	0.260000	6,406.680000
Unmetered Scattered Load	Connection -12 per year	9.640000	0.000000	9.640000
Sentinel Lighting	Connection - 12 per year	0.990000	0.000000	0.990000
Street Lighting	Connection - 12 per year	0.360000	0.000000	0.360000

Distribution Volumetric Rate

Class	Metric	Current Rates	Smart Meters Rate Adder	Current Base Rates
Residential	kWh	0.009100	0.000000	0.009100
General Service Less Than 50 kW	kWh	0.005100	0.000000	0.005100
General Service 50 to 4,999 kW	kW	0.537400	0.000000	0.537400
Large Use	kW	1.665500	0.000000	1.665500
Unmetered Scattered Load	kWh	0.005100	0.000000	0.005100
Sentinel Lighting	kW	5.123000	0.000000	5.123000
Street Lighting	kW	3.326500	0.000000	3.326500



2nd Generation Incentive Regulation Mechanism

[Previous](#) [Forward](#) [Table of Contents](#) [Current Tariff Sheet](#) [Proposed Tariff Sheet](#) [Current & Proposed Tariff Sheets](#) [Bill Impacts Generator](#)

Instructions

No input required.

The sheet provides a breakdown for the determination of "Current Base Rates" for all unique classes.

Service Charge

Class [Metric](#) [Current Rates](#) [Current Base Rates](#)

Distribution Volumetric Rate

Class [Metric](#) [Current Rates](#) [Current Base Rates](#)



2nd Generation Incentive Regulation Mechanism

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

K-Factor Derivation Worksheet

Please enter the required information into the green-shaded cells.

Capital Structure Transition

Size of Utility (Rate Base)

Year	Small (\$0-\$100M)		Med-Small (\$100M-\$250M)		Med-Large (\$250M-\$1B)		Large >=\$1B	
	Debt	Equity	Debt	Equity	Debt	Equity	Debt	Equity
2007	50.0%	50.0%	55.0%	45.0%	60.0%	40.0%	65.0%	35.0%
2008	53.3%	46.7%	57.5%	42.5%	60.0%	40.0%	62.5%	37.5%
2009	56.7%	43.3%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%
2010	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%	60.0%	40.0%

Cost of Capital parameters

ROE	A	9.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	6.50%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 4,318,730	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

	Debt	Equity	
2006	E1 50.0%	50.0%	E2
2008	F1 53.3%	46.7%	F2
2009	F1.2 56.7%	43.3%	F2.2

Based on C, copies the deemed D/E from row "2007" of the table
Based on C, copies the deemed D/E from row "2008" of the table
Based on C, copies the deemed D/E from row "2009" of the table

Cost of Capital

2006	G	7.75%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	7.67%	= (F1 X B) + (F2 X A)	
2009	H1	7.58%	= (F1.2 X B) + (F2.2 X A)	

Return on Rate Base

2006	I	\$ 334,701.58	= C X G / 100
2008	J	\$ 331,138.62	= C X H / 100
2009	J1	\$ 327,467.70	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 976,947	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 1,204,693	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 108,508	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

2006	N	\$ 1,311,648.58	= I + K
2008	O	\$ 1,308,085.62	= J + K
2009	O2	\$ 1,304,414.70	= J1 + K

Target Net Income (EBIT)

2006	\$ 194,342.85	P1 = I - P2
2008	\$ 181,516.22	Q1 = J - Q2
2009	\$ 168,300.91	Q1.2 = J1 - Q2.2

Interest Expense

2006	\$ 140,358.73	P2 = C X (B X E1 / 100)
2008	\$ 149,622.40	Q2 = C X (B X F1 / 100)
2009	\$ 159,166.79	Q2.2 = C X (B X F1.2 / 100)

PILs

Tax Rate	R	18.62%	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)
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Large Corporation Tax Allowance (if applicable) - grossed up	\$		S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$		T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$	41,629	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income				
		2006	\$ 181,942	AC
		2008	\$ 179,554	AD
		2009	\$ 177,093	AD1
				= AC + (Q1 - P1) * (R / 100)
				= AC + (Q1.2 - P1) * (R / 100)
Federal Tax (grossed up)		2006	\$ 41,629	V
		2008	\$ 41,082	W
		2009	\$ 40,519	W1
				= AC * (R / 100) / (1 - R / 100)
				= AD * (R / 100) / (1 - R / 100)
				= AD1 * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (including PILs)

Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR)			
2006	\$ 1,353,277.48	X	= N + V + T
2008	\$ 1,349,168.07	Y	= O + W + T
2009	\$ 1,344,934.14	Y2	= O2 + W + T

Base Revenue Requirement (plus transformer allowance credit)

(Transformer allowance credit needs to be added onto revenue requirement for full rate recovery - similar to LCT calculation in 2007 EDR)

2006	\$ 1,313,201.00	Z	= L + M
2008	\$ 1,309,091.59	AA1	= Z + (Y - X)
2009	\$ 1,304,857.66	AA1.2	= Z + (Y2 - X)
Difference			
	2008	\$ 4,109.41	AA2
	2009	\$ 4,233.93	AA2.2
			= AA1 - Z
			= AA1.2 - AA1
K-factor			
	2008	-0.3%	AB
	2009	-0.3%	AC
			= AA2 / Z
			= AA2.2 / AA1



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all general classes.

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.300%

Uniform Volumetric Charge Percent

-0.300% kWh
-0.300% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	4.920000	Yes	-0.300% -	0.014760
General Service Less Than 50 kW	Customer - 12 per year	9.640000	Yes	-0.300% -	0.028920
General Service 50 to 4,999 kW	Customer - 12 per year	46.090000	Yes	-0.300% -	0.138270
Large Use	Customer - 12 per year	6406.680000	Yes	-0.300% -	19.220040
Unmetered Scattered Load	Connection -12 per year	9.640000	Yes	-0.300% -	0.028920
Sentinel Lighting	Connection - 12 per year	0.990000	Yes	-0.300% -	0.002970
Street Lighting	Connection - 12 per year	0.360000	Yes	-0.300% -	0.001080

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.009100	Yes	-0.300% -	0.000027
General Service Less Than 50 kW	kWh	0.005100	Yes	-0.300% -	0.000015
General Service 50 to 4,999 kW	kW	0.537400	Yes	-0.300% -	0.001612
Large Use	kW	1.665500	Yes	-0.300% -	0.004997
Unmetered Scattered Load	kWh	0.005100	Yes	-0.300% -	0.000015
Sentinel Lighting	kW	5.123000	Yes	-0.300% -	0.015369
Street Lighting	kW	3.326500	Yes	-0.300% -	0.009980



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet applies the 2009 K-Factor adjustment from Sheet D1.1 to all unique classes.

No input required.

Rate Rebalancing Adjustment	K-factor Adjustment - Unique			
Metric Applied To	All Customers			
Method of Application	Both Uniform%			
Uniform Service Charge Percent	-0.300%	Uniform Volumetric Charge Percent	-0.300% kWh	-0.300% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Previous	Forward	Table of Contents	Current Tariff Sheet	Proposed Tariff Sheet	Current & Proposed Tariff Sheets	Bill Impacts Generator
----------	---------	-------------------	----------------------	-----------------------	----------------------------------	------------------------

Instructions

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

	2006		2008	2008 Adjustment	2009	2009 Adjustment
From 2006 PIL's Model						
2006 Regulatory Taxable Income (<i>K-Factor Cell H87</i>)	181,942	A	181,942		181,942	
2006 Corporate Income Tax Rate (<i>K-Factor Cell E79</i>)	18.62%	B	16.50%		16.00%	
Corporate PILs/Income Tax Provision for Test Year	33,878	C = A * B	30,020		29,111	
Income Tax (grossed-up)	41,629	D = C / (1 - B)	35,953	-5,676	34,656	-1,297 ← 2009 Amount to be adjusted
From 2006 EDR Model						
2006 EDR Base Revenue Requirement From Distribution Rates (<i>K-Factor Cell E105</i>)	1,313,201	E	1,313,201		1,313,201	
Grossed up taxes as a % of Revenue Requirement	3.200%	F = D / E	2.700%	-0.500%	2.600%	-0.100%
						↑ 2009 Federal Tax Rate Adjustment Factor



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

Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all general classes.

No input required.

Rate Rebalancing Adjustment	Federal Tax Adjustment General		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	-0.100%	Uniform Volumetric Charge Percent	-0.100% kWh -0.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	Customer - 12 per year	4.920000	Yes	-0.100% -	0.004920
General Service Less Than 50 kW	Customer - 12 per year	9.640000	Yes	-0.100% -	0.009640
General Service 50 to 4,999 kW	Customer - 12 per year	46.090000	Yes	-0.100% -	0.046090
Large Use	Customer - 12 per year	6406.680000	Yes	-0.100% -	6.406680
Unmetered Scattered Load	Connection - 12 per year	9.640000	Yes	-0.100% -	0.009640
Sentinel Lighting	Connection - 12 per year	0.990000	Yes	-0.100% -	0.000990
Street Lighting	Connection - 12 per year	0.360000	Yes	-0.100% -	0.000360

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	kWh	0.009100	Yes	-0.100% -	0.000009
General Service Less Than 50 kW	kWh	0.005100	Yes	-0.100% -	0.000005
General Service 50 to 4,999 kW	kW	0.537400	Yes	-0.100% -	0.000537
Large Use	kW	1.665500	Yes	-0.100% -	0.001666
Unmetered Scattered Load	kWh	0.005100	Yes	-0.100% -	0.000005
Sentinel Lighting	kW	5.123000	Yes	-0.100% -	0.005123
Street Lighting	kW	3.326500	Yes	-0.100% -	0.003327



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism



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

Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all unique classes.

No input required.

Rate Rebalancing Adjustment	Federal Tax Adjustment Unique
Metric Applied To	All Customers
Method of Application	Both Uniform%
Uniform Service Charge Percent	-0.100%
	Uniform Volumetric Charge Percent
	-0.100% kWh
	-0.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
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2nd Generation Incentive Regulation Mechanism



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

Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all general classes.

No input required.

Monthly Service Charge

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment -	Rate ReBal Base
			General	General	
Residential	Customer - 12 per year	4.920000	-0.014760	-0.004920	4.900320
General Service Less Than 50 kW	Customer - 12 per year	9.640000	-0.028920	-0.009640	9.601440
General Service 50 to 4,999 kW	Customer - 12 per year	46.090000	-0.138270	-0.046090	45.905640
Large Use	Customer - 12 per year	6,406.680000	-19.220040	-6.406680	6,381.053280
Unmetered Scattered Load	Connection -12 per year	9.640000	-0.028920	-0.009640	9.601440
Sentinel Lighting	Connection - 12 per year	0.990000	-0.002970	-0.000990	0.986040
Street Lighting	Connection - 12 per year	0.360000	-0.001080	-0.000360	0.358560

Volumetric Distribution Charge

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment -	Rate ReBal Base
			General	General	
Residential	kWh	0.009100	-0.000027	-0.000009	0.009064
General Service Less Than 50 kW	kWh	0.005100	-0.000015	-0.000005	0.005080
General Service 50 to 4,999 kW	kW	0.537400	-0.001612	-0.000537	0.535251
Large Use	kW	1.665500	-0.004997	-0.001666	1.658837
Unmetered Scattered Load	kWh	0.005100	-0.000015	-0.000005	0.005080
Sentinel Lighting	kW	5.123000	-0.015369	-0.005123	5.102508
Street Lighting	kW	3.326500	-0.009980	-0.003327	3.313193



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism



Email the Board

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

Instructions

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all unique classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment Unique</u>	<u>Rate ReBal Base</u>
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2nd Generation Incentive Regulation Mechanism



Previous

Forward



Table of Contents



Current Tariff Sheet



Proposed Tariff Sheet



Current & Proposed Tariff Sheets



Bill Impacts Generator

Instructions

This worksheet is a placeholder for the 2009 GDP-IPI amount that will be determined in the beginning of March 2009.

Board staff will make the necessary adjustment to cell C22.

No input required.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X
2.1%	1.0%	1.1%



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all general classes.

No input required.

Price Cap Adjustment

Price Cap Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

1.100%

Uniform Volumetric Charge Percent

1.100% kWh

1.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	Customer - 12 per year	4.900320	Yes	1.100%	0.053904
General Service Less Than 50 kW	Customer - 12 per year	9.601440	Yes	1.100%	0.105616
General Service 50 to 4,999 kW	Customer - 12 per year	45.905640	Yes	1.100%	0.504962
Large Use	Customer - 12 per year	6381.053280	Yes	1.100%	70.191586
Unmetered Scattered Load	Connection -12 per year	9.601440	Yes	1.100%	0.105616
Sentinel Lighting	Connection - 12 per year	0.986040	Yes	1.100%	0.010846
Street Lighting	Connection - 12 per year	0.358560	Yes	1.100%	0.003944

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Residential	kWh	0.009064	Yes	1.100%	0.000100
General Service Less Than 50 kW	kWh	0.005080	Yes	1.100%	0.000056
General Service 50 to 4,999 kW	kW	0.535251	Yes	1.100%	0.005888
Large Use	kW	1.658837	Yes	1.100%	0.018247
Unmetered Scattered Load	kWh	0.005080	Yes	1.100%	0.000056
Sentinel Lighting	kW	5.102508	Yes	1.100%	0.056128
Street Lighting	kW	3.313193	Yes	1.100%	0.036445



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet applies the Price Cap Adjustment from Sheet F1.1 to all unique classes.

No input required.

Price Cap Adjustment	Price Cap Adjustment - Unique			
Metric Applied To	All Customers			
Method of Application	Both Uniform%			
Uniform Service Charge Percent	1.100%	Uniform Volumetric Charge Percent	1.100% kWh	1.100% kW

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
--------------	---------------	------------------	----------------------	---------------------	--------------------



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all general classes.

No input required.

Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment -	After Price Cap Base
			General	
Residential	Customer - 12 per year	4.900320	0.053904	4.954224
General Service Less Than 50 kW	Customer - 12 per year	9.601440	0.105616	9.707056
General Service 50 to 4,999 kW	Customer - 12 per year	45.905640	0.504962	46.410602
Large Use	Customer - 12 per year	6381.053280	70.191586	6451.244866
Unmetered Scattered Load	Connection -12 per year	9.601440	0.105616	9.707056
Sentinel Lighting	Connection - 12 per year	0.986040	0.010846	0.996886
Street Lighting	Connection - 12 per year	0.358560	0.003944	0.362504

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment -	After Price Cap Base
			General	
Residential	kWh	0.009064	0.000100	0.009164
General Service Less Than 50 kW	kWh	0.005080	0.000056	0.005136
General Service 50 to 4,999 kW	kW	0.535251	0.005888	0.541139
Large Use	kW	1.658837	0.018247	1.677084
Unmetered Scattered Load	kWh	0.005080	0.000056	0.005136
Sentinel Lighting	kW	5.102508	0.056128	5.158636
Street Lighting	kW	3.313193	0.036445	3.349638



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet shows the adjustments made to Base Rates after the application of the Price Cap Adjustment to all unique classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
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2nd Generation Incentive Regulation Mechanism

[Previous](#)
[Forward](#)
[Table of Contents](#)
[Current Sheet](#)
[Tariff](#)
[Proposed Tariff Sheet](#)
[Current & Proposed Tariff Sheets](#)
[Bill Impacts Generator](#)

Instructions

Enter your Smart Meter Rate Adder in cell D28.

Rate Adder	Smart Meters Rate Adder
Applied for Status	Continuing
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	1.000000

<u>Rate Class</u>	<u>Applied to Class</u>	<u>Fixed Amount</u>	<u>Fixed Metric</u>	<u>Vol Amount</u>	<u>Vol Metric</u>
Residential	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000	kW
Large Use	Yes	1.000000	Customer - 12 per year	0.000000	kW

Rate Rider Smart Meter Cost Recovery

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 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

Rate Rider	Regulatory Asset Recovery
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 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

Rate Rider	LV Wheeling
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 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



2nd Generation Incentive Regulation Mechanism



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

Instructions

This worksheet shows the derivation of the Final distribution rates for all general classes.

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate Adder</u>	<u>Final Base</u>
Residential	Customer - 12 per year	4.954224	1.000000	5.954224
General Service Less Than 50 kW	Customer - 12 per year	9.707056	1.000000	10.707056
General Service 50 to 4,999 kW	Customer - 12 per year	46.410602	1.000000	47.410602
Large Use	Customer - 12 per year	6,451.244866	1.000000	6,452.244866
Unmetered Scattered Load	Connection -12 per year	9.707056	0.000000	9.707056
Sentinel Lighting	Connection - 12 per year	0.996886	0.000000	0.996886
Street Lighting	Connection - 12 per year	0.362504	0.000000	0.362504

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate Adder</u>	<u>Final Base</u>
Residential	kWh	0.009164	0.000000	0.009164
General Service Less Than 50 kW	kWh	0.005136	0.000000	0.005136
General Service 50 to 4,999 kW	kW	0.541139	0.000000	0.541139
Large Use	kW	1.677084	0.000000	1.677084
Unmetered Scattered Load	kWh	0.005136	0.000000	0.005136
Sentinel Lighting	kW	5.158636	0.000000	5.158636
Street Lighting	kW	3.349638	0.000000	3.349638



2nd Generation Incentive Regulation Mechanism



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

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

Method of Application	Uniform Percentage				
Uniform Percentage	0.000%				
Rate Class	Applied to Class				
Residential	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004700	0.000%	0.000000	0.004700
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	0.004300	0.000%	0.000000	0.004300
Rate Class	Applied to Class				
General Service 50 to 4,999 kW	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.739900	0.000%	0.000000	1.739900
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.847900	0.000%	0.000000	1.847900
Rate Class	Applied to Class				
Large Use	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.046100	0.000%	0.000000	2.046100
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	0.004300	0.000%	0.000000	0.004300
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	1.312700	0.000%	0.000000	1.312700
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	1.312200	0.000%	0.000000	1.312200



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2nd Generation Incentive Regulation Mec

Method of Application

Uniform Percentage

Uniform Percentage

0.000%

Mechanism



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2nd Generation Incentive Regulation Mechanism



Email

Previous	Forward	Table of Contents	Current Tariff Sheet	Proposed Tariff Sheet	Current & Proposed Tariff	Bill Impacts
----------	---------	-------------------	----------------------	-----------------------	---------------------------	--------------

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

Method of Application	Uniform Percentage
Uniform Percentage	0.000%

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	0.003000	0.000%	0.000000	0.003000

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	0.002700	0.000%	0.000000	0.002700

Rate Class	Applied to Class
General Service 50 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	1.084900	0.000%	0.000000	1.084900
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.293800	0.000%	0.000000	1.293800

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 – Interval metered	\$/kW	1.360100	0.000%	0.000000	1.360100

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	0.002700	0.000%	0.000000	0.002700

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	1.712500	0.000%	0.000000	1.712500

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	0.838700	0.000%	0.000000	0.838700



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2nd Generation Incentive Regulation Mechanism

Method of Application

Uniform Percentage

Uniform Percentage

0.000%



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism



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

Instructions

This worksheet displays the final distribution rates and charges for all general classes.

No input required.

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	5.95
Distribution Volumetric Rate	\$/kWh	0.0092
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
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	\$	10.71
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	47.41
Distribution Volumetric Rate	\$/kW	0.5411
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8479
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0849
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.2938
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	\$	6,452.24
Distribution Volumetric Rate	\$/kW	1.6771
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.0461
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.3601
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	\$	9.71
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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	\$	1.00
Distribution Volumetric Rate	\$/kW	5.1586
Retail Transmission Rate – Network Service Rate	\$/kW	1.3127
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7125
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	\$	0.36
Distribution Volumetric Rate	\$/kW	3.3496
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8387
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet displays the final distribution rates and charges for all unique classes.

No input required.



2nd Generation Incentive Regulation Mechanism

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

Instructions

Please enter the Total Loss Factors found on your current (Board-Approved) tariff schedule.

Note: Loss Factors must be entered in order for bill impacts to be calculated.

LOSS FACTORS

Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0635
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0528
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism



Email the Board

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

This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each general class

	Fixed (\$)	Volumetric \$/kWh
Residential		
Current Rates	5.18	0.0091
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	0.0000
Federal Tax Adjustment General	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.05	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	5.95	0.0092
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
General Service Less Than 50 kW		
Current Rates	9.90	0.0051
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.03	0.0000
Federal Tax Adjustment General	-0.01	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.11	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	10.71	0.0051
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
General Service 50 to 4,999 kW		
Current Rates	46.35	0.5374
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.14	-0.0016
Federal Tax Adjustment General	-0.05	-0.0005
Price Cap Adj		
Price Cap Adjustment - General	0.50	0.0059
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	47.41	0.5411
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
Large Use		
Current Rates	6,406.94	1.6655
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-19.22	-0.0050
Federal Tax Adjustment General	-6.41	-0.0017
Price Cap Adj		
Price Cap Adjustment - General	70.19	0.0182
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	6,452.24	1.6771
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
Unmetered Scattered Load		
Current Rates	9.64	0.0051
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.03	0.0000
Federal Tax Adjustment General	-0.01	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.11	0.0001
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	9.71	0.0051
	0.00	0.0000

	Fixed (\$)	Volumetric \$/kWh
Sentinel Lighting		
Current Rates	0.99	5.1230
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000

Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0154
Federal Tax Adjustment General	0.00	-0.0051
Price Cap Adj		
Price Cap Adjustment - General	0.01	0.0561
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.00	5.1586
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
Street Lighting		
Current Rates	0.36	3.3265
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0100
Federal Tax Adjustment General	0.00	-0.0033
Price Cap Adj		
Price Cap Adjustment - General	0.00	0.0364
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.36	3.3496
	0.00	0.0000



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2nd Generation Incentive Regulation Mechanism



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This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each unique class



Ontario Energy Board
Commission de l'énergie de l'Ontario
2nd Generation Incentive Regulation Mechanism



Email the Board

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

Instructions

This worksheet calculates the bill impacts for all general rate classes.

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	5.18	5.95
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0091	0.0092
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030	0.0030
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 1.0635

	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%	31.70%
Energy Second Tier (kWh)	464	0.0650	30.16	464	0.0650	30.16	0.00	0.0%	28.46%
Sub-Total: Energy			63.76			63.76	0.00	0.0%	60.16%
Service Charge	1	5.18	5.18	1	5.95	5.95	0.77	14.9%	5.61%
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	0.0091	9.10	1,000	0.0092	9.20	0.10	1.1%	8.68%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			14.28			15.15	0.87	6.1%	14.29%
Retail Transmission Rate – Network Service Rate	1,064	0.0047	5.00	1,064	0.0047	5.00	0.00	0.0%	4.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,064	0.0030	3.19	1,064	0.0030	3.19	0.00	0.0%	3.01%
Total: Retail Transmission			8.19			8.19	0.00	0.0%	7.73%
Sub-Total: Delivery (Distribution and Retail Transmission)			22.47			23.34	0.87	3.9%	22.02%
Wholesale Market Service Rate	1,064	0.0052	5.53	1,064	0.0052	5.53	0.00	0.0%	5.22%
Rural Rate Protection Charge	1,064	0.0010	1.06	1,064	0.0010	1.06	0.00	0.0%	1.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.24%
Sub-Total: Regulator			6.84			6.84	0.00	0.0%	6.45%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	6.60%
Total Bill before Taxes			100.07			100.94	0.87	0.9%	95.24%
GST	100.07	5%	5.00	100.94	5%	5.05	0.05	1.0%	4.76%
			105.07			105.99	0.92	0.9%	100.00%

Rate Class Threshold Test

Residential

	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	kWh	266	639	1,064	1,702	2,393
Load Factor	kW					

Energy

	Applied For Bill	\$ 14.90	\$ 36.13	\$ 63.76	\$ 105.23	\$ 150.14
Current Bill	\$ 14.90	\$ 36.13	\$ 63.76	\$ 105.23	\$ 150.14	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	49.2%	56.5%	60.2%	62.2%	63.3%	

Distribution

	Applied For Bill	\$ 8.25	\$ 11.47	\$ 15.15	\$ 20.67	\$ 26.65
Current Bill	\$ 7.46	\$ 10.64	\$ 14.28	\$ 19.74	\$ 25.66	
\$ Impact	\$ 0.79	\$ 0.83	\$ 0.87	\$ 0.93	\$ 0.99	
% Impact	10.6%	7.8%	6.1%	4.7%	3.9%	
% of Total Bill	27.2%	17.9%	14.3%	12.2%	11.2%	

Retail Transmission

	Applied For Bill	\$ 2.05	\$ 4.92	\$ 8.19	\$ 13.11	\$ 18.43
Current Bill	\$ 2.05	\$ 4.92	\$ 8.19	\$ 13.11	\$ 18.43	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	6.8%	7.7%	7.7%	7.6%	7.8%	

Delivery (Distribution and Retail Transmission)

	Applied For Bill	\$ 10.30	\$ 16.39	\$ 23.34	\$ 33.78	\$ 45.08
Current Bill	\$ 9.51	\$ 15.56	\$ 22.47	\$ 32.85	\$ 44.09	
\$ Impact	\$ 0.79	\$ 0.83	\$ 0.87	\$ 0.93	\$ 0.99	
% Impact	8.3%	5.3%	3.9%	2.8%	2.2%	
% of Total Bill	34.0%	25.6%	22.0%	20.0%	19.0%	

Regulatory

	Applied For Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
Current Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	6.3%	6.6%	6.5%	6.4%	6.4%	

Debt Retirement Charge

	Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	5.8%	6.6%	6.6%	6.6%	6.6%	

GST

	Applied For Bill	\$ 1.44	\$ 3.05	\$ 5.05	\$ 8.05	\$ 11.30
Current Bill	\$ 1.40	\$ 3.01	\$ 5.00	\$ 8.00	\$ 11.25	
\$ Impact	\$ 0.04	\$ 0.04	\$ 0.05	\$ 0.05	\$ 0.05	
% Impact	2.9%	1.3%	1.0%	0.6%	0.4%	
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%	

Total Bill

	Applied For Bill	\$ 30.29	\$ 63.98	\$ 105.99	\$ 169.06	\$ 237.35
Current Bill	\$ 29.46	\$ 63.11	\$ 105.07	\$ 168.08	\$ 236.31	
\$ Impact	\$ 0.83	\$ 0.87	\$ 0.92	\$ 0.98	\$ 1.04	
% Impact	2.8%	1.4%	0.9%	0.6%	0.4%	



2nd Generation Incentive Regulation Mechanism

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

Instructions

Enter the following allowances from your current Board-Approved Tariff Schedule

Allowances

Transformer Allowance for Ownership - per kW of billing demand/month
 Primary Metering Allowance for transformer losses - applied to measured demand and energy

Metric Current

\$/kW	-0.60
%	-1.0



2nd Generation Incentive Regulation Mechanism

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

Instructions

This worksheet displays your current Board-Approved Retail Service Charges.

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

	<u>Metric</u>	<u>Current</u>
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

APPENDIX AND REFERENCE DOCUMENTS

Tuesday, July 08, 2008

Smart Meter Capital Cost and Operational Expense Data for Hydro Hawkesbury Inc. supplied by Elster.

Smart Meter Unit Installation Plan:

	2008	2009	2010	2011	Total
Planned number of Residential smart meters to be installed	251	1,256	1,707	1,809	5,023
Planned number of General Service Less Than 50 kW smart meters	-	-	-	-	-
Planned Meter Installation (Residential and Less Than 50 kW only)	251	1,256	1,707	1,809	5,023
Planned number of General Service Greater Than 50 kW smart meters	-	-	-	-	-
Total Planned Meter Installations per year	251	1,256	1,707	1,809	
Pilot Meter Installation	-	-	-	-	-

Smart Meter Unit Cost

Smart Meter Unit Cost	\$81.22	A
Smart Meter Other Unit Cost	\$0.00	B
Smart Meter Installation Cost per Unit	\$46.26	C
Smart Meter Other Cost per Unit	\$37.79	D

Total Unit cost per Smart Meter **\$165.27** E = A + B + C + D

3. LDC Assumptions and Data

AMI Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
AMI Computer Hardware Costs	\$ 10,846	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,846	F
AMI Computer Software Costs	\$ 233,448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 233,448	G
Total AMI Capital Cost	\$ 244,295	\$ -	\$ 244,295	H = F + G														

Other Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Other Computer Hardware Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	I
Other Computer Software Costs	\$ 209,912	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,912	J	
Total Other Capital Cost	\$ 209,912	\$ -	\$ 209,912	K = I + J															

Incremental AMI Operational Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Incremental AMI O&M Expenses	\$ 22,448	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 56,295	\$ 866,873	L	
Incremental AMI Admin Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	M
Total Incremental AMI Operation Expenses	\$ 22,448	\$ 56,295	\$ 866,873	N = L + M															

Incremental Other Operational Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Incremental Other O&M Expenses	\$ 9,144	\$ 7,978	\$ 8,074	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 8,052	\$ 129,872	L	
Incremental Other Admin Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	M
Total Incremental Other Operation Expenses	\$ 9,144	\$ 7,978	\$ 8,074	\$ 8,052	\$ 129,872	N = L + M													

AMI - Advanced Metering Infrastructure

Other - Cost or expenses not AMI but does not include stranded assets

Total Smart Metering Expenses

Calendar Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Base Year	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Sunk Investment	\$ -																
Total Incremental Expenditure for Year	\$ 593,398	\$ 277,587	\$ 319,207	\$ 318,740	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	\$ 64,347	
Present Worth of Future Net Costs:	\$ 593,398	\$ 261,899	\$ 284,147	\$ 267,696													
Net Present Value	\$ 1,860,470																
Number of revenue meters	5,023																
Overall System Cost per revenue meter (end point):	\$ 370.39																

Smart Meter Capital Cost and Operational Expense Data for Hydro Hawkesbury Inc. supplied by Silver Springs Network.

Smart Meter Unit Installation Plan:

	2008	2009	2010	2011	Total
<i>assume calendar year installation</i>					
Planned number of Residential smart meters to be installed	251	1,256	1,707	1,809	5,023
Planned number of General Service Less Than 50 kW smart meters	-	-	-	-	-
Planned Meter Installation (Residential and Less Than 50 kW only)	251	1,256	1,707	1,809	5,023
Planned number of General Service Greater Than 50 kW smart meters	-	-	-	-	-
Total Planned Meter Installations per year	251	1,256	1,707	1,809	
Pilot Meter Installation	-	-	-	-	-

Smart Meter Unit Cost

Smart Meter Unit Cost	\$115.26	A
<i>Enter the time and material cost per smart meter unit installed Please provide details in Manager's Summary</i>		
Smart Meter Other Unit Cost	\$0.00	B
<i>Enter the time and material cost per smart meter unit installed Please provide details in Manager's Summary</i>		
Smart Meter Installation Cost per Unit	\$46.26	C
<i>Enter the time and material cost per smart meter unit installed Please provide details in Manager's Summary</i>		
Smart Meter Other Cost per Unit	\$32.17	D
<i>Enter the other cost per smart meter unit installed Please provide details in Manager's Summary</i>		
Total Unit cost per Smart Meter	\$193.69	E = A + B + C + D

3. LDC Assumptions and Data

AMI Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
AMI Computer Hardware Costs	\$ 115,746	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 115,746	F
<i>Enter the estimated capital costs for AMI related Computer Hardware Please provide details in Manager's Summary</i>																		
AMI Computer Software Costs	\$ 109,642	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109,642	G
<i>Enter the estimated capital costs for AMI related Computer Software Please provide details in Manager's Summary</i>																		
Total AMI Capital Cost	\$ 225,387	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,387	H = F + G

Other Capital Cost

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Other Computer Hardware Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	I
<i>Enter the estimated capital costs for other related Computer Hardware Please provide details in Manager's Summary</i>																			
Other Computer Software Costs	\$ 68,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,040	J	
<i>Enter the estimated capital costs for other related Computer Software Please provide details in Manager's Summary</i>																			
Total Other Capital Cost	\$ 68,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,040	K = I + J	

Incremental AMI Operational Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Incremental AMI O&M Expenses	\$ 3,780	\$ 14,558	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 243,156	L	
<i>Enter the estimated incremental AMI related O&M expenses Please provide details in Manager's Summary</i>																			
Incremental AMI Admin Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	M
<i>Enter the estimated incremental AMI related Admin expenses Please provide details in Manager's Summary</i>																			
Total Incremental AMI Operation Expenses	\$ 3,780	\$ 14,558	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 243,156	N = L + M	

Incremental Other Operational Expenses

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total		
Incremental Other O&M Expenses	\$ 849	\$ 1,569	\$ 86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,504	L	
<i>Enter the estimated incremental AMI related O&M expenses Please provide details in Manager's Summary</i>																			
Incremental Other Admin Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	M
<i>Enter the estimated incremental AMI related Admin expenses Please provide details in Manager's Summary</i>																			
Total Incremental Other Operation Expenses	\$ 849	\$ 1,569	\$ 86	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,504	N = L + M	

AMI - Advanced Metering Infrastructure

Other - Cost or expenses not AMI but does not include stranded assets

Total Smart Metering Expenses

Calendar Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Base Year	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Sunk Investment	\$ -																
Total Incremental Expenditure for Year	\$ 396,669	\$ 267,015	\$ 323,564	\$ 332,042	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	\$ 16,058	
Present Worth of Future Net Costs:	\$ 396,669	\$ 251,925	\$ 288,026	\$ 278,868													
Net Present Value	\$ 1,328,620																
Number of revenue meters	5,023																
Overall System Cost per revenue meter (end point):	\$ 264.51																

**IRM 2009
RTSR REVISION**

		2006												Yearly Totals	yearly variance	Increase in RTRS 11% TN AND 5% TC	Projected charges as per % increase
		JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC				
Transmission Network charged by the IESO & Hydro One	4714-000	95,301.60	93,204.03	89,416.83	81,572.70	86,245.51	90,025.94	83,469.84	85,142.26	90,480.92	77,359.36	83,139.78	87,759.54	1,043,118.31			
Transmission Network billed by the LDC	4066-000	64,195.01	137,431.44	63,647.23	132,502.21	60,483.30	104,825.94	63,217.73	107,112.81	61,388.95	102,000.15	59,845.54	109,122.88	1,065,773.19			
Transmission Network variance	1584-000								0	0					(22,654.88)		
Transmission Connection charged by the IESO & Hydro One	4716-000	53,540.59	54,753.45	52,952.44	48,981.04	53,463.90	55,850.21	49,179.16	48,571.81	59,538.48	46,343.87	47,063.02	49,753.01	619,990.98			
Transmission Connection billed by the LDC	4068-000	55,538.90	119,746.94	55,072.79	115,505.09	51,978.22	87,190.88	51,472.72	86,794.45	50,156.05	82,427.98	47,117.13	88,132.12	891,133.27			
Transmission Connection variance	1586-000														(271,142.29)		
2007																	
Transmission Network charged by the IESO & Hydro One	4714-000	97,253.44	96,641.04	97,415.80	78,567.62	74,140.51	86,659.08	86,752.32	85,016.29	83,433.11	73,367.11	79,771.44	85,779.54	1,024,797.30			
Transmission Network billed by the LDC	4066-000	66,339.96	132,808.23	65,100.54	137,371.28	62,472.00	109,581.20	64,891.24	106,063.22	63,321.32	103,687.77	64,310.30	109,282.97	1,085,230.03			
Transmission Network variance	1584-000								0	0					(60,432.73)		
Transmission Connection charged by the IESO & Hydro One	4716-000	53,424.51	54,014.92	53,747.16	48,354.44	47,006.27	50,783.73	52,071.31	49,149.95	49,550.67	47,128.26	45,736.51	48,405.57	599,373.30			
Transmission Connection billed by the LDC	4068-000	53,545.79	107,150.46	52,564.21	111,087.02	51,156.93	89,009.08	52,912.93	86,058.27	51,721.71	83,987.82	52,325.80	88,490.64	880,010.66			
Transmission Connection variance	1586-000														(280,637.36)		
2008																	
Transmission Network charged by the IESO & Hydro One	4714-000	86,837.94	86,417.94	72,778.23	69,628.33	58,149.72	65,314.20	65,155.14	63,486.57	65,190.69	59,090.96	64,249.10	69,088.11	825,386.93		11%	916,179.49
Transmission Network billed by the LDC	4066-000	65,513.72	140,377.64	65,654.75	129,289.73	61,269.09	91,987.56	52,663.87	86,497.63	52,228.09	95,671.11	59,338.12	100,833.71	1,001,325.02			1,001,325.02
Transmission Network variance	1584-000														(175,938.09)		(85,145.53)
Transmission Connection charged by the IESO & Hydro One	4716-000	49,990.93	49,174.60	43,178.58	42,750.13	39,327.05	42,661.49	42,454.63	41,173.28	40,515.78	40,248.21	39,059.63	41,339.05	511,873.36		5%	537,467.03
Transmission Connection billed by the LDC	4068-000	53,011.33	113,481.54	53,148.33	104,400.38	49,187.38	64,291.75	34,491.07	56,030.77	34,113.30	72,060.11	44,894.64	75,923.45	755,034.05			755,034.05
Transmission Connection variance	1586-000														(243,160.69)		(217,567.02)

Charges Projection of TN and TC			
2007 jan to sept	TN	785,879.21	
2008 jan to sept	TN	632,958.76	81%
	Oct-08	59,090.96	
	Nov-08	64,249.10	
	Dec-08	69,088.11	
2007 jan to sept	TC	459,102.96	
2008 jan to sept	TC	391,226.47	85%
	Oct-08	40,248.21	
	Nov-08	39,059.63	
	Dec-08	41,339.05	

Revenue Projection TN and TC			
2007 jan to sept	TN	807,948.99	
2008 jan to sept	TN	745,482.08	92%
	Oct-08	95,671.11	
	Nov-08	59,338.12	
	Dec-08	100,833.71	
2007 jan to sept	TC	655,206.4	
2008 jan to sept	TC	562,155.85	0.8579828
	Oct-08	72,060.11	
	Nov-08	44,894.64	
	Dec-08	75,923.45	

CURRENT MONTHLY RATES AND CHARGES

MONTHLY RATES AND CHARGES - General

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	5.18
Distribution Volumetric Rate	\$/kWh	0.0091
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
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	\$	9.30
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	46.35
Distribution Volumetric Rate	\$/kWh	0.5374
Retail Transmission Rate – Network Service Rate	\$/kWh	1.7399
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kWh	1.8479
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.0849
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kWh	1.2938
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	\$	6,406.94
Distribution Volumetric Rate	\$/kWh	1.6655
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kWh	2.0461
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kWh	1.3601
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)	\$	3.64
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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)	\$	0.99
Distribution Volumetric Rate	\$/kWh	5.123
Retail Transmission Rate – Network Service Rate	\$/kWh	1.3127
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.7125
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)	\$	0.36
Distribution Volumetric Rate	\$/kWh	3.3265
Retail Transmission Rate – Network Service Rate	\$/kWh	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.8387
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

	Metric	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	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	\$	15.00
Disconnect/Reconnect at meter - during regular hours	\$	30.00
Disconnect/Reconnect at meter - after regular hours	\$	130.00
Disconnect/Reconnect at pole - during regular hours	\$	100.00
Disconnect/Reconnect at pole - after regular hours	\$	300.00

Other

	Metric	Current
Install/Remove load control device - during regular hours	\$	30.00
Install/Remove load control device - after regular hours	\$	130.00
Service call - after regular hours	\$	130.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - overhead - with transformer	\$	1000.00

Allowances

	Metric	Current
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	-0.60
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	-1.0

Retail Service Charges (if applicable)

	Metric	Current
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)

	Metric	Current
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		no charge
Up to twice a year		
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	1.0638
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0528
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

APPLIED MONTHLY RATES AND CHARGES

MONTHLY RATES AND CHARGES - General

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	5.95
Distribution Volumetric Rate	\$/kWh	0.0092
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
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	\$	10.71
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	47.41
Distribution Volumetric Rate	\$/kWh	0.5411
Retail Transmission Rate – Network Service Rate	\$/kWh	1.7399
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kWh	1.8479
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.0849
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kWh	1.2938
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	\$	6,452.24
Distribution Volumetric Rate	\$/kWh	1.6771
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kWh	2.0461
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kWh	1.3601
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	\$	9.71
Distribution Volumetric Rate	\$/kWh	0.0051
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027
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)	\$	1.00
Distribution Volumetric Rate	\$/kWh	5.1586
Retail Transmission Rate – Network Service Rate	\$/kWh	1.3127
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.7125
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)	\$	0.36
Distribution Volumetric Rate	\$/kWh	3.3496
Retail Transmission Rate – Network Service Rate	\$/kWh	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.8387
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

	Metric	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	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	\$	15.00
Disconnect/Reconnect at meter - during regular hours	\$	30.00
Disconnect/Reconnect at meter - after regular hours	\$	130.00
Disconnect/Reconnect at pole - during regular hours	\$	100.00
Disconnect/Reconnect at pole - after regular hours	\$	300.00

Other

	Metric	Current
Install/Remove load control device - during regular hours	\$	30.00
Install/Remove load control device - after regular hours	\$	130.00
Service call - after regular hours	\$	130.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - overhead - with transformer	\$	1000.00

Allowances

	Metric	Current
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	-0.60
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	-1.0

Retail Service Charges (if applicable)

	Metric	Current
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)

	Metric	Current
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		no charge
Up to twice a year		
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	1.0638
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0528
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

BILL IMPACT GENERATOR

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	5.18	5.95
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0091	0.0092
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030	0.0030
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 1.0635

	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%	31.70%
Energy Second Tier (kWh)	464	0.0650	30.16	464	0.0650	30.16	0.00	0.0%	28.46%
Sub-Total: Energy			63.76			63.76	0.00	0.0%	60.16%
Service Charge	1	5.18	5.18	1	5.95	5.95	0.77	14.9%	5.61%
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	0.0091	9.10	1,000	0.0092	9.20	0.10	1.1%	8.68%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			14.28			15.15	0.87	6.1%	14.29%
Retail Transmission Rate – Network Service Rate	1,064	0.0047	5.00	1,064	0.0047	5.00	0.00	0.0%	4.72%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,064	0.0030	3.19	1,064	0.0030	3.19	0.00	0.0%	3.01%
Total: Retail Transmission			8.19			8.19	0.00	0.0%	7.73%
Sub-Total: Delivery (Distribution and Retail Transmission)			22.47			23.34	0.87	3.9%	22.02%
Wholesale Market Service Rate	1,064	0.0052	5.53	1,064	0.0052	5.53	0.00	0.0%	5.22%
Rural Rate Protection Charge	1,064	0.0010	1.06	1,064	0.0010	1.06	0.00	0.0%	1.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.24%
Sub-Total: Regulatory			6.84			6.84	0.00	0.0%	6.45%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	6.60%
Total Bill before Taxes			100.07			100.94	0.87	0.9%	95.24%
GST	100.07	5%	5.00	100.94	5%	5.05	0.05	1.0%	4.76%
			105.07			105.99	0.92	0.9%	100.00%

Rate Class Threshold Test

Residential

kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	266	639	1,064	1,702	2,393
kW					
Load Factor					

Energy

Applied For Bill	\$ 14.90	\$ 36.13	\$ 63.76	\$ 105.23	\$ 150.14
Current Bill	\$ 14.90	\$ 36.13	\$ 63.76	\$ 105.23	\$ 150.14
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	49.2%	56.5%	60.2%	62.2%	63.3%

Distribution

Applied For Bill	\$ 8.25	\$ 11.47	\$ 15.15	\$ 20.67	\$ 26.65
Current Bill	\$ 7.46	\$ 10.64	\$ 14.28	\$ 19.74	\$ 25.66
\$ Impact	\$ 0.79	\$ 0.83	\$ 0.87	\$ 0.93	\$ 0.99
% Impact	10.6%	7.8%	6.1%	4.7%	3.9%
% of Total Bill	27.2%	17.9%	14.3%	12.2%	11.2%

Retail Transmission

Applied For Bill	\$ 2.05	\$ 4.92	\$ 8.19	\$ 13.11	\$ 18.43
Current Bill	\$ 2.05	\$ 4.92	\$ 8.19	\$ 13.11	\$ 18.43
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.8%	7.7%	7.7%	7.8%	7.8%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 10.30	\$ 16.39	\$ 23.34	\$ 33.78	\$ 45.08
Current Bill	\$ 9.51	\$ 15.56	\$ 22.47	\$ 32.85	\$ 44.09
\$ Impact	\$ 0.79	\$ 0.83	\$ 0.87	\$ 0.93	\$ 0.99
% Impact	8.3%	5.3%	3.9%	2.8%	2.2%
% of Total Bill	34.0%	25.6%	22.0%	20.0%	19.0%

Regulatory

Applied For Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
Current Bill	\$ 1.90	\$ 4.21	\$ 6.84	\$ 10.80	\$ 15.08
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.3%	6.6%	6.5%	6.4%	6.4%

Debt Retirement Charge

Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.8%	6.6%	6.6%	6.6%	6.6%

GST

Applied For Bill	\$ 1.44	\$ 3.05	\$ 5.05	\$ 8.05	\$ 11.30
Current Bill	\$ 1.40	\$ 3.01	\$ 5.00	\$ 8.00	\$ 11.25
\$ Impact	\$ 0.04	\$ 0.04	\$ 0.05	\$ 0.05	\$ 0.05
% Impact	2.9%	1.3%	1.0%	0.6%	0.4%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 30.29	\$ 63.98	\$ 105.99	\$ 169.06	\$ 237.35
Current Bill	\$ 29.46	\$ 63.11	\$ 105.07	\$ 168.08	\$ 236.31
\$ Impact	\$ 0.83	\$ 0.87	\$ 0.92	\$ 0.98	\$ 1.04
% Impact	2.8%	1.4%	0.9%	0.6%	0.4%

BILL IMPACT GENERATOR

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	9.90	10.71
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0051	0.0051
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027	0.0027
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 1.0635

	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%	4.18%
Energy Second Tier (kWh)	9,886	0.0650	642.59	9,886	0.0650	642.59	0.00	0.0%	63.95%
Sub-Total: Energy			684.59			684.59	0.00	0.0%	68.13%
Service Charge	1	9.90	9.90	1	10.71	10.71	0.81	8.2%	1.07%
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	0.0051	51.00	10,000	0.0051	51.00	0.00	0.0%	5.08%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			60.90			61.71	0.81	1.3%	6.14%
Retail Transmission Rate – Network Service Rate	10,636	0.0043	45.73	10,636	0.0043	45.73	0.00	0.0%	4.55%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,636	0.0027	28.72	10,636	0.0027	28.72	0.00	0.0%	2.86%
Total: Retail Transmission			74.45			74.45	0.00	0.0%	7.41%
Sub-Total: Delivery (Distribution and Retail Transmission)			135.35			136.16	0.81	0.6%	13.55%
Wholesale Market Service Rate	10,636	0.0052	55.31	10,636	0.0052	55.31	0.00	0.0%	5.50%
Rural Rate Protection Charge	10,636	0.0010	10.64	10,636	0.0010	10.64	0.00	0.0%	1.06%
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			66.20			66.20	0.00	0.0%	6.59%
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	10,000	0.00700	70.00	0.00	0.0%	6.97%
Total Bill before Taxes			956.14			956.95	0.81	0.1%	95.24%
GST	956.14	5%	47.81	956.95	5%	47.85	0.04	0.1%	4.76%
			1,003.95			1,004.80	0.85	0.1%	100.00%

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	kWh	1,064	5,318	10,636	15,953	21,271
Load Factor	kW					

Energy

Applied For Bill	\$ 62.41	\$ 338.92	\$ 684.59	\$ 1,030.19	\$ 1,375.86
Current Bill	\$ 62.41	\$ 338.92	\$ 684.59	\$ 1,030.19	\$ 1,375.86
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	59.7%	67.2%	68.1%	68.5%	68.6%

Distribution

Applied For Bill	\$ 15.81	\$ 36.21	\$ 61.71	\$ 87.21	\$ 112.71
Current Bill	\$ 15.00	\$ 35.40	\$ 60.90	\$ 86.40	\$ 111.90
\$ Impact	\$ 0.81	\$ 0.81	\$ 0.81	\$ 0.81	\$ 0.81
% Impact	5.4%	2.3%	1.3%	0.9%	0.7%
% of Total Bill	15.1%	7.2%	6.1%	5.8%	5.6%

Retail Transmission

Applied For Bill	\$ 7.45	\$ 37.23	\$ 74.45	\$ 111.67	\$ 148.90
Current Bill	\$ 7.45	\$ 37.23	\$ 74.45	\$ 111.67	\$ 148.90
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.1%	7.4%	7.4%	7.4%	7.4%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 23.26	\$ 73.44	\$ 136.16	\$ 198.88	\$ 261.61
Current Bill	\$ 22.45	\$ 72.63	\$ 135.35	\$ 198.07	\$ 260.80
\$ Impact	\$ 0.81	\$ 0.81	\$ 0.81	\$ 0.81	\$ 0.81
% Impact	3.6%	1.1%	0.6%	0.4%	0.3%
% of Total Bill	22.3%	14.6%	13.6%	13.2%	13.0%

Regulatory

Applied For Bill	\$ 6.84	\$ 33.22	\$ 66.20	\$ 99.16	\$ 132.13
Current Bill	\$ 6.84	\$ 33.22	\$ 66.20	\$ 99.16	\$ 132.13
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.5%	6.6%	6.6%	6.6%	6.6%

Debt Retirement Charge

Applied For Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 7.00	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.7%	6.9%	7.0%	7.0%	7.0%

GST

Applied For Bill	\$ 4.98	\$ 24.03	\$ 47.85	\$ 71.66	\$ 95.48
Current Bill	\$ 4.94	\$ 23.99	\$ 47.81	\$ 71.62	\$ 95.44
\$ Impact	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04
% Impact	0.8%	0.2%	0.1%	0.1%	0.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 104.49	\$ 504.61	\$ 1,004.80	\$ 1,504.89	\$ 2,005.08
Current Bill	\$ 103.64	\$ 503.76	\$ 1,003.95	\$ 1,504.04	\$ 2,004.23
\$ Impact	\$ 0.85	\$ 0.85	\$ 0.85	\$ 0.85	\$ 0.85
% Impact	0.8%	0.2%	0.1%	0.1%	0.0%

BILL IMPACT GENERATOR

General Service 50 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	46.35	47.41
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	0.5374	0.5411
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399	1.7399
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.0849	1.0849
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	715,000 kWh	2,480 kW
RPP Tier One	750 kWh	Load Factor 39.5%

Loss Factor 1.0635

	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%	0.0%
Energy Second Tier (kWh)	759,653	0.0650	49,377.45	759,653	0.0650	49,377.45	0.00	0.0%	69.63%
Sub-Total: Energy			49,419.45			49,419.45	0.00	0.0%	69.63%
Service Charge	1	46.35	46.35	1	47.41	47.41	1.06	2.3%	0.07%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	0.5374	1,332.75	2,480	0.5411	1,341.93	9.18	0.7%	1.89%
Distribution Volumetric Rate Rider(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			1,332.75			1,341.93	10.24	0.7%	1.96%
Retail Transmission Rate – Network Service Rate	2,480	1.7399	4,314.95	2,480	1.7399	4,314.95	0.00	0.0%	6.09%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.0849	2,690.55	2,480	1.0849	2,690.55	0.00	0.0%	3.79%
Total: Retail Transmission			7,005.50			7,005.50	0.00	0.0%	9.88%
Sub-Total: Delivery (Distribution and Retail Transmission)			8,384.60			8,394.84	10.24	0.1%	11.84%
Wholesale Market Service Rate	760,403	0.0052	3,954.10	760,403	0.0052	3,954.10	0.00	0.0%	5.58%
Rural Rate Protection Charge	760,403	0.0010	760.40	760,403	0.0010	760.40	0.00	0.0%	1.07%
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			4,714.75			4,714.75	0.00	0.0%	6.65%
Debt Retirement Charge (DRC)	715,000	0.00700	5,005.00	715,000	0.00700	5,005.00	0.00	0.0%	7.06%
Total Bill before Taxes			67,523.80			67,534.04	10.24	0.0%	95.24%
GST	67,523.80	5%	3,376.19	67,534.04	5%	3,376.70	0.51	0.0%	4.76%
			70,899.99			70,910.74	10.75	0.0%	100.00%

Rate Class Threshold Test

General Service 50 to 4,999 kW

	kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh		21,271	542,386	1,058,183	1,596,314	2,133,382
kW		50	1,270	2,480	3,740	5,000
Load Factor		0.55	0.55	0.55	0.55	0.55

Energy

Applied For Bill	\$ 1,375.86	\$ 35,248.34	\$ 68,775.14	\$ 103,753.66	\$ 138,663.07
Current Bill	\$ 1,375.86	\$ 35,248.34	\$ 68,775.14	\$ 103,753.66	\$ 138,663.07
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	70.3%	72.2%	72.2%	72.2%	72.2%

Distribution

Applied For Bill	\$ 74.47	\$ 734.61	\$ 1,389.34	\$ 2,071.12	\$ 2,752.91
Current Bill	\$ 73.22	\$ 728.85	\$ 1,379.10	\$ 2,056.23	\$ 2,733.35
\$ Impact	\$ 1.25	\$ 5.76	\$ 10.24	\$ 14.89	\$ 19.56
% Impact	1.7%	0.8%	0.7%	0.7%	0.7%
% of Total Bill	3.8%	1.5%	1.5%	1.4%	1.4%

Retail Transmission

Applied For Bill	\$ 141.24	\$ 3,587.49	\$ 7,005.50	\$ 10,564.76	\$ 14,124.00
Current Bill	\$ 141.24	\$ 3,587.49	\$ 7,005.50	\$ 10,564.76	\$ 14,124.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.2%	7.3%	7.4%	7.4%	7.4%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 215.71	\$ 4,322.10	\$ 8,394.84	\$ 12,635.88	\$ 16,876.91
Current Bill	\$ 214.46	\$ 4,316.34	\$ 8,384.60	\$ 12,620.99	\$ 16,857.35
\$ Impact	\$ 1.25	\$ 5.76	\$ 10.24	\$ 14.89	\$ 19.56
% Impact	0.6%	0.1%	0.1%	0.1%	0.1%
% of Total Bill	11.0%	8.9%	8.8%	8.8%	8.8%

Regulatory

Applied For Bill	\$ 132.13	\$ 3,363.05	\$ 6,560.98	\$ 9,897.39	\$ 13,227.22
Current Bill	\$ 132.13	\$ 3,363.05	\$ 6,560.98	\$ 9,897.39	\$ 13,227.22
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.8%	6.9%	6.9%	6.9%	6.9%

Debt Retirement Charge

Applied For Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
Current Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.2%	7.3%	7.3%	7.3%	7.3%

GST

Applied For Bill	\$ 93.19	\$ 2,325.17	\$ 4,534.80	\$ 6,839.70	\$ 9,140.46
Current Bill	\$ 93.12	\$ 2,324.89	\$ 4,534.29	\$ 6,838.95	\$ 9,139.48
\$ Impact	\$ 0.07	\$ 0.28	\$ 0.51	\$ 0.75	\$ 0.98
% Impact	0.1%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 1,956.89	\$ 48,828.66	\$ 95,230.76	\$ 143,633.63	\$ 191,949.66
Current Bill	\$ 1,955.57	\$ 48,822.62	\$ 95,220.01	\$ 143,617.99	\$ 191,929.12
\$ Impact	\$ 1.32	\$ 6.04	\$ 10.75	\$ 15.64	\$ 20.54
% Impact	0.1%	0.0%	0.0%	0.0%	0.0%

BILL IMPACT GENERATOR

Large Use

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	6,406.94	6,452.24
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	1.6655	1.6771
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	2.0461	2.0461
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3601	1.3601
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 1.0045

	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)	29,129,751	0.0650	1,893,433.82	29,129,751	0.0650	1,893,433.82	0.00	0.0%	71.06%
Sub-Total: Energy			1,893,475.82			1,893,475.82	0.00	0.0%	71.06%
Service Charge	1	6,406.94	6,406.94	1	6,452.24	6,452.24	45.30	0.7%	0.24%
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	1.6655	83,275.00	50,000	1.6771	83,855.00	580.00	0.7%	3.15%
Distribution Volumetric Rate Rider(s)	50,000	0.0000	0.00	50,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			89,881.94			90,307.24	625.30	0.7%	3.39%
Retail Transmission Rate – Network Service Rate	50,000	2.0461	102,305.00	50,000	2.0461	102,305.00	0.00	0.0%	3.84%
Retail Transmission Rate – Line and Transformation Connection Service Rate	50,000	1.3601	68,005.00	50,000	1.3601	68,005.00	0.00	0.0%	2.55%
Total: Retail Transmission			170,310.00			170,310.00	0.00	0.0%	6.39%
Sub-Total: Delivery (Distribution and Retail Transmission)			259,991.94			260,617.24	625.30	0.2%	9.78%
Wholesale Market Service Rate	29,130,501	0.0052	151,478.61	29,130,501	0.0052	151,478.61	0.00	0.0%	5.68%
Rural Rate Protection Charge	29,130,501	0.0010	29,130.50	29,130,501	0.0010	29,130.50	0.00	0.0%	1.09%
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			180,609.36			180,609.36	0.00	0.0%	6.78%
Debt Retirement Charge (DRC)	29,000,000	0.00700	203,000.01	29,000,000	0.00700	203,000.01	0.00	0.0%	7.62%
Total Bill before Taxes			2,537,077.13			2,537,702.43	625.30	0.0%	95.24%
GST	2,537,077.13	5%	126,853.86	2,537,702.43	5%	126,895.12	31.26	0.0%	4.76%
			2,663,930.99			2,664,597.55	656.56	0.0%	100.00%

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		2,611,701	5,022,501	13,058,501	20,090,001	26,117,001
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	\$ 169,753.81	\$ 326,455.80	\$ 848,795.78	\$ 1,305,843.27	\$ 1,697,598.25
Current Bill	\$ 169,753.81	\$ 326,455.80	\$ 848,795.78	\$ 1,305,843.27	\$ 1,697,598.25
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	68.5%	69.1%	70.0%	69.9%	70.2%

Distribution

Applied For Bill	\$ 14,837.74	\$ 23,223.24	\$ 48,379.74	\$ 73,536.24	\$ 90,307.24
Current Bill	\$ 14,734.44	\$ 23,061.94	\$ 48,044.44	\$ 73,026.94	\$ 89,681.94
\$ Impact	\$ 103.30	\$ 161.30	\$ 335.30	\$ 509.30	\$ 625.30
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%
% of Total Bill	6.0%	4.9%	4.0%	3.9%	3.7%

Retail Transmission

Applied For Bill	\$ 17,031.00	\$ 34,062.00	\$ 85,155.00	\$ 136,248.00	\$ 170,310.00
Current Bill	\$ 17,031.00	\$ 34,062.00	\$ 85,155.00	\$ 136,248.00	\$ 170,310.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.9%	7.2%	7.0%	7.3%	7.0%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 31,868.74	\$ 57,285.24	\$ 133,534.74	\$ 209,784.24	\$ 260,617.24
Current Bill	\$ 31,765.44	\$ 57,123.94	\$ 133,199.44	\$ 209,274.94	\$ 259,991.94
\$ Impact	\$ 103.30	\$ 161.30	\$ 335.30	\$ 509.30	\$ 625.30
% Impact	0.3%	0.3%	0.3%	0.2%	0.2%
% of Total Bill	12.9%	12.1%	11.0%	11.2%	10.8%

Regulatory

Applied For Bill	\$ 16,192.80	\$ 31,139.76	\$ 80,962.96	\$ 124,558.26	\$ 161,925.66
Current Bill	\$ 16,192.80	\$ 31,139.76	\$ 80,962.96	\$ 124,558.26	\$ 161,925.66
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.5%	6.6%	6.7%	6.7%	6.7%

Debt Retirement Charge

Applied For Bill	\$ 18,200.00	\$ 35,000.00	\$ 91,000.00	\$ 140,000.00	\$ 182,000.01
Current Bill	\$ 18,200.00	\$ 35,000.00	\$ 91,000.00	\$ 140,000.00	\$ 182,000.01
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.3%	7.4%	7.5%	7.5%	7.5%

GST

Applied For Bill	\$ 11,800.77	\$ 22,494.04	\$ 57,714.67	\$ 89,009.29	\$ 115,107.06
Current Bill	\$ 11,795.60	\$ 22,485.98	\$ 57,697.91	\$ 88,983.82	\$ 115,075.79
\$ Impact	\$ 5.17	\$ 8.06	\$ 16.76	\$ 25.47	\$ 31.27
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 247,816.12	\$ 472,374.84	\$ 1,212,008.15	\$ 1,869,195.06	\$ 2,417,248.22
Current Bill	\$ 247,707.65	\$ 472,205.48	\$ 1,211,656.09	\$ 1,868,680.29	\$ 2,416,591.65
\$ Impact	\$ 108.47	\$ 169.36	\$ 352.06	\$ 534.77	\$ 656.57
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%

BILL IMPACT GENERATOR

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	9.64	9.71
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0051	0.0051
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0027	0.0027
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 1.0635

	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%	4.18%
Energy Second Tier (kWh)	9,886	0.0650	642.59	9,886	0.0650	642.59	0.00	0.0%	64.02%
Sub-Total: Energy			684.59			684.59	0.00	0.0%	68.20%
Service Charge	1	9.64	9.64	1	9.71	9.71	0.07	0.7%	0.97%
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	0.0051	51.00	10,000	0.0051	51.00	0.00	0.0%	5.08%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			60.64			60.71	0.07	0.1%	6.05%
Retail Transmission Rate – Network Service Rate	10,636	0.0043	45.73	10,636	0.0043	45.73	0.00	0.0%	4.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,636	0.0027	28.72	10,636	0.0027	28.72	0.00	0.0%	2.86%
Total: Retail Transmission			74.45			74.45	0.00	0.0%	7.42%
Sub-Total: Delivery (Distribution and Retail Transmission)			135.09			135.16	0.07	0.1%	13.47%
Wholesale Market Service Rate	10,636	0.0052	55.31	10,636	0.0052	55.31	0.00	0.0%	5.51%
Rural Rate Protection Charge	10,636	0.0010	10.64	10,636	0.0010	10.64	0.00	0.0%	1.06%
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			66.20			66.20	0.00	0.0%	6.60%
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	10,000	0.00700	70.00	0.00	0.0%	6.97%
Total Bill before Taxes			955.88			955.95	0.07	0.0%	95.24%
GST	955.88	5%	47.79	955.95	5%	47.80	0.01	0.0%	4.76%
			1,003.67			1,003.75	0.08	0.0%	100.00%

Rate Class Threshold Test

Unmetered Scattered Load

	kWh	500	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		532	5,318	10,636	15,953	21,271
kWh						
Load Factor						

Energy

Applied For Bill	\$ 29.79	\$ 338.92	\$ 684.59	\$ 1,030.19	\$ 1,375.86
Current Bill	\$ 29.79	\$ 338.92	\$ 684.59	\$ 1,030.19	\$ 1,375.86
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	53.7%	67.3%	68.2%	68.5%	68.7%

Distribution

Applied For Bill	\$ 12.26	\$ 35.21	\$ 60.71	\$ 86.21	\$ 111.71
Current Bill	\$ 12.19	\$ 35.14	\$ 60.64	\$ 86.14	\$ 111.64
\$ Impact	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07
% Impact	0.6%	0.2%	0.1%	0.1%	0.1%
% of Total Bill	22.1%	7.0%	6.0%	5.7%	5.6%

Retail Transmission

Applied For Bill	\$ 3.73	\$ 37.23	\$ 74.45	\$ 111.67	\$ 148.90
Current Bill	\$ 3.73	\$ 37.23	\$ 74.45	\$ 111.67	\$ 148.90
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.7%	7.4%	7.4%	7.4%	7.4%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 15.99	\$ 72.44	\$ 135.16	\$ 197.88	\$ 260.61
Current Bill	\$ 15.92	\$ 72.37	\$ 135.09	\$ 197.81	\$ 260.54
\$ Impact	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.07
% Impact	0.4%	0.1%	0.1%	0.0%	0.0%
% of Total Bill	28.8%	14.4%	13.5%	13.2%	13.0%

Regulatory

Applied For Bill	\$ 3.55	\$ 33.22	\$ 66.20	\$ 99.16	\$ 132.13
Current Bill	\$ 3.55	\$ 33.22	\$ 66.20	\$ 99.16	\$ 132.13
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.4%	6.6%	6.6%	6.6%	6.6%

Debt Retirement Charge

Applied For Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.3%	7.0%	7.0%	7.0%	7.0%

GST

Applied For Bill	\$ 2.64	\$ 23.98	\$ 47.80	\$ 71.61	\$ 95.43
Current Bill	\$ 2.64	\$ 23.98	\$ 47.79	\$ 71.61	\$ 95.43
\$ Impact	\$ -	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 55.47	\$ 503.56	\$ 1,003.75	\$ 1,503.84	\$ 2,004.03
Current Bill	\$ 55.40	\$ 503.49	\$ 1,003.67	\$ 1,503.77	\$ 2,003.96
\$ Impact	\$ 0.07	\$ 0.07	\$ 0.08	\$ 0.07	\$ 0.07
% Impact	0.1%	0.0%	0.0%	0.0%	0.0%

BILL IMPACT GENERATOR

Sentinel Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.99	1.00
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	5.1230	5.1586
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.3127	1.3127
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7125	1.7125
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 1.0635

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	192	0.0560	10.75	192	0.0560	10.75	0.00	0.0%	45.24%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.75			10.75	0.00	0.0%	45.24%
Service Charge	1	0.99	0.99	1	1.00	1.00	0.01	1.0%	4.21%
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	5.1230	5.12	1	5.1586	5.16	0.04	0.8%	21.72%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			6.11			6.16	0.05	0.8%	25.93%
Retail Transmission Rate – Network Service Rate	1	1.3127	1.31	1	1.3127	1.31	0.00	0.0%	5.51%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.7125	1.71	1	1.7125	1.71	0.00	0.0%	7.20%
Total: Retail Transmission			3.02			3.02	0.00	0.0%	12.71%
Sub-Total: Delivery (Distribution and Retail Transmission)			9.13			9.18	0.05	0.5%	38.64%
Wholesale Market Service Rate	192	0.0052	1.00	192	0.0052	1.00	0.00	0.0%	4.21%
Rural Rate Protection Charge	192	0.0010	0.19	192	0.0010	0.19	0.00	0.0%	0.80%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.05%
Sub-Total: Regulatory			1.44			1.44	0.00	0.0%	6.06%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	5.30%
Total Bill before Taxes			22.58			22.63	0.05	0.2%	95.24%
GST	22.58	5%	1.13	22.63	5%	1.13	0.00	0.0%	4.76%
			23.71			23.76	0.05	0.2%	100.00%

Rate Class Threshold Test

Sentinel Lighting

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		75	139	192	288	383
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	\$ 4.20	\$ 7.78	\$ 10.75	\$ 16.13	\$ 21.45
Current Bill	\$ 4.20	\$ 7.78	\$ 10.75	\$ 16.13	\$ 21.45
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	27.4%	39.0%	45.2%	52.5%	57.1%

Distribution

Applied For Bill	\$ 6.16	\$ 6.16	\$ 6.16	\$ 6.16	\$ 6.16
Current Bill	\$ 6.11	\$ 6.11	\$ 6.11	\$ 6.11	\$ 6.11
\$ Impact	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05
% Impact	0.8%	0.8%	0.8%	0.8%	0.8%
% of Total Bill	40.2%	30.9%	25.9%	20.1%	16.4%

Retail Transmission

Applied For Bill	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02
Current Bill	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02	\$ 3.02
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	19.7%	15.2%	12.7%	9.8%	8.0%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 9.18	\$ 9.18	\$ 9.18	\$ 9.18	\$ 9.18
Current Bill	\$ 9.13	\$ 9.13	\$ 9.13	\$ 9.13	\$ 9.13
\$ Impact	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05
% Impact	0.5%	0.5%	0.5%	0.5%	0.5%
% of Total Bill	59.9%	46.1%	38.6%	29.9%	24.4%

Regulatory

Applied For Bill	\$ 0.72	\$ 1.11	\$ 1.44	\$ 2.04	\$ 2.62
Current Bill	\$ 0.72	\$ 1.11	\$ 1.44	\$ 2.04	\$ 2.62
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.7%	5.6%	6.1%	6.6%	7.0%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.2%	4.6%	5.3%	6.2%	6.7%

GST

Applied For Bill	\$ 0.73	\$ 0.95	\$ 1.13	\$ 1.46	\$ 1.79
Current Bill	\$ 0.73	\$ 0.95	\$ 1.13	\$ 1.46	\$ 1.79
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 15.32	\$ 19.93	\$ 23.76	\$ 30.70	\$ 37.56
Current Bill	\$ 15.27	\$ 19.88	\$ 23.71	\$ 30.65	\$ 37.51
\$ Impact	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05
% Impact	0.3%	0.3%	0.2%	0.2%	0.1%

BILL IMPACT GENERATOR

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.36	0.36
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.3265	3.3496
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8387	0.8387
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 1.0635

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	192	0.0560	10.75	192	0.0560	10.75	0.00	0.0%	53.01%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.75			10.75	0.00	0.0%	53.01%
Service Charge	1	0.36	0.36	1	0.36	0.36	0.00	0.0%	1.78%
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	3.3265	3.33	1	3.3496	3.35	0.02	0.6%	16.52%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			3.69			3.71	0.02	0.5%	18.29%
Retail Transmission Rate – Network Service Rate	1	1.3122	1.31	1	1.3122	1.31	0.00	0.0%	6.46%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	0.8387	0.84	1	0.8387	0.84	0.00	0.0%	4.14%
Total: Retail Transmission			2.15			2.15	0.00	0.0%	10.60%
Sub-Total: Delivery (Distribution and Retail Transmission)			5.84			5.86	0.02	0.3%	28.90%
Wholesale Market Service Rate	192	0.0052	1.00	192	0.0052	1.00	0.00	0.0%	4.93%
Rural Rate Protection Charge	192	0.0010	0.19	192	0.0010	0.19	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%	1.23%
Sub-Total: Regulatory			1.44			1.44	0.00	0.0%	7.10%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	6.21%
Total Bill before Taxes			19.29			19.31	0.02	0.1%	95.22%
GST	19.29	5%	0.96	19.31	5%	0.97	0.01	1.0%	4.78%
			20.25			20.28	0.03	0.1%	100.00%

Rate Class Threshold Test

Street Lighting

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		75	139	192	288	383
	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	\$ 4.20	\$ 7.78	\$ 10.75	\$ 16.13	\$ 21.45
Current Bill	\$ 4.20	\$ 7.78	\$ 10.75	\$ 16.13	\$ 21.45
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	35.5%	47.3%	53.0%	59.3%	63.0%

Distribution

Applied For Bill	\$ 3.71	\$ 3.71	\$ 3.71	\$ 3.71	\$ 3.71
Current Bill	\$ 3.69	\$ 3.69	\$ 3.69	\$ 3.69	\$ 3.69
\$ Impact	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
% Impact	0.5%	0.5%	0.5%	0.5%	0.5%
% of Total Bill	31.4%	22.6%	18.3%	13.6%	10.9%

Retail Transmission

Applied For Bill	\$ 2.15	\$ 2.15	\$ 2.15	\$ 2.15	\$ 2.15
Current Bill	\$ 2.15	\$ 2.15	\$ 2.15	\$ 2.15	\$ 2.15
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	18.2%	13.1%	10.6%	7.9%	6.3%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 5.86	\$ 5.86	\$ 5.86	\$ 5.86	\$ 5.86
Current Bill	\$ 5.84	\$ 5.84	\$ 5.84	\$ 5.84	\$ 5.84
\$ Impact	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
% Impact	0.3%	0.3%	0.3%	0.3%	0.3%
% of Total Bill	49.5%	35.6%	28.9%	21.5%	17.2%

Regulatory

Applied For Bill	\$ 0.72	\$ 1.11	\$ 1.44	\$ 2.04	\$ 2.62
Current Bill	\$ 0.72	\$ 1.11	\$ 1.44	\$ 2.04	\$ 2.62
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.1%	6.8%	7.1%	7.5%	7.7%

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.1%	5.5%	6.2%	6.9%	7.4%

GST

Applied For Bill	\$ 0.56	\$ 0.78	\$ 0.97	\$ 1.30	\$ 1.62
Current Bill	\$ 0.56	\$ 0.78	\$ 0.96	\$ 1.30	\$ 1.62
\$ Impact	\$ -	\$ -	\$ 0.01	\$ -	\$ -
% Impact	0.0%	0.0%	1.0%	0.0%	0.0%
% of Total Bill	4.7%	4.7%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 11.83	\$ 16.44	\$ 20.28	\$ 27.22	\$ 34.07
Current Bill	\$ 11.81	\$ 16.42	\$ 20.25	\$ 27.20	\$ 34.05
\$ Impact	\$ 0.02	\$ 0.02	\$ 0.03	\$ 0.02	\$ 0.02
% Impact	0.2%	0.1%	0.1%	0.1%	0.1%



PRP International, Inc.

Fairness Advisory Services

May 30, 2008

Mr. Michel Poulin
Manager
Hydro Hawkesbury Inc.
850 Tupper Street,
Hawkesbury, ON K6A 3S7

Dear Mr. Poulin:

Subject: Attestation of the Fairness Commissioner
Advanced Metering Infrastructure RFP, August 2007
London Hydro & Consortium of LDCs Smartmetering Project

PRP International, Inc. is pleased to submit its letter report of the Fairness Commissioner for the noted Request for Proposal (RFP) evaluation and selection phase. This judgment is being provided for the information and use of each Consortium LDC Sponsor, in their consideration of the report from the Evaluation Phase, for this competitive transaction.

"It is the judgment of PRP International, Inc., as the Fairness Commissioner, that the determinations of the two (2) highest ranked Proponents for the Hydro Hawkesbury Inc. requirements are:

- Silver Spring Networks, as the recommended Preferred Proponent, based on its highest ranking, and*
- Elster Metering being the second ranked Proponent.*

These determinations were made in a fair (objective and competent) manner and consistent with the evaluation and selection processes set out in the RFP, issued August 14, 2007."

A detailed report for your records will be submitted to you, by August 31, 2008. Should you have any questions or require clarification of any matter contained in this letter report, please contact the undersigned.

Yours truly,

Peter Sorensen
President
cc: Mr. Gary Rains, RFP Project Director

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October 17, 2008

Usman Syed
Senior Advisor
Office of Consumer and Regulatory Affairs
Ontario Ministry of Energy & Infrastructure
880 Bay Street, 3rd Floor
Toronto, ON M7A 2C1

Email: usman.syed@ontario.ca

Dear Syed:

RE: Smart Meter Deployment

In reference to your e-mail inquiry through London Hydro, we can report as follows:

- Ottawa River Power was identified with Silver Springs as the “best value” and Elster as the second “best value” supplier in the London RFP.
- ORPC had completed a pilot program with Elster that was approved by the OEB as part of the third tranche C&DM initiative that included a MAS server and meters.
- In reviewing the costs of abandoning the Elster pilot and moving to Silver Springs, it was found there was a substantial cost increase that would be incurred which raises the question whether it would be prudent purchase.
- In August, we had discussions with the Fairness Commissioner and the Ministry of Energy regarding the implications of not moving ahead with Silver Springs and moving to the second rated vendor, Elster. As late as October 9th, our concern was being reviewed by the Ministry of Energy and the OEB.

In view of this background, the status of our smart meter project is:

- We have not entered into negotiations with a vendor.
- Vendor negotiations are not being pursued pending a response from the Ministry and the OEB.
- We would hope to have a response in the near future and be in a position to meet with a vendor and plan deployment for 50% of meters in both 2009 and 2010 (approximately 4000 per year). No planned work was performed in 2008.

“A Proud Locally Owned Municipal Utility”

Furthermore, it has been our intention to work with three other local utilities on smart meter implementation. We share the same billing system and there are synergies in having the same smart metering system, using a common MAS. As well, they have Silver Springs and Elster as their respective vendors. Embrun and Hydro 2000 already have Elster water meters in their municipalities.

The utilities and their meter deployment are as follows;

	2009	2010
Hydro Hawkesbury Inc.	2500	2500
Ottawa River Power	4000	4000
Hydro 2000	1300	
Cooperative Hydro Embrun	1000	1000
Renfrew Hydro	1400	2000

If we can provide any additional information, please let us know.

Yours truly,

Original signed by

Douglas Fee, P.Eng.
President

Cc: Michel Poulin, Hydro Hawkesbury
Rene Beaulne, Hydro 2000 Inc.
Benoit Lamarche, Cooperative Hydro Embrun Inc.
Tom Freemark, Renfrew Hydro Inc.