



Jerry Van Ooteghem
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November 6, 2008

BY COURIER

Ms. Kirsten Walli, Board Secretary
Ontario Energy Board
2300 Yonge Street, 26th Floor, P.O. Box 2319
TORONTO, ON M4P 1E4

**Re: IRM 2008 EB Number: EB-2008-0192
Kitchener-Wilmot Hydro Inc. Application for Approval of 2009 Electricity
Distribution Rates, Licence No. ED-2002-0573**

Dear Ms. Walli:

On December 20, 2006, the Ontario Energy Board (the "Board") issued its Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation for Ontario's Electricity Distributors (the "IRM Report"). In addition, on October 22, 2008, the Board issued Guidelines for Retail Transmission Service Rate (G-2008-0001) and Smart Meter Funding and Cost Recovery Applications (G-2008-0002). Accordingly, Kitchener-Wilmot Hydro Inc., referred to herein as the "Applicant", submits its application to adjust its electricity distribution, retail transmission rates and smart meter funding adder, effective May 1, 2009. All procedures and filing requirements as outlined in the Board's IRM report and subsequent filing guidelines were followed in the preparation of this submission, and in the development of the adjusted distribution rates, utilizing the Board's 2009 IRM Model.

The Applicant's submission, which has been previously electronically filed through the Board's web portal, consists of two hard copies of one (1) book, which includes a covering letter, Manager's Summary and a completed copy of the 2009 IRM model. An electronic copy of all materials has been provided on CD ROM.

The applicant is requesting the adjusted smart meter funding adder, electricity distribution and retail transmission rates be approved for implementation on May 1, 2009. Consumption will be pro-rated, with pre-May 1st consumption at the old rates and post-May 1st consumption at the new rates.

As a result of adjustments made by the 2009 IRM model, subject to adjustments to be made by Board staff for the inflation index, the estimated bill impact for residential customers consuming 1,000 kWh per month would result in an increase in the total bill of 1.4%.

A general service <50 kW, 5000 kWh per month customer would experience an increase of 0.8%.



Jerry Van Ooteghem
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Should you require any further information or clarification of any of the above data, kindly contact either myself at (519) 745-4771 ext. 280, or our Vice President of Finance & CFO at ext. 217.

Respectfully submitted,

Original Signed By

J. Van Ooteghem, P.Eng.
mn

President & CEO

Attachments

**Application for Approval of
2009 Electricity Distribution and Retail Transmission Rates**

Manager's Summary

Kitchener-Wilmot Hydro Inc. (License No. ED-2002-0573) distributes electricity to approximately 83,950 customers within the City of Kitchener (primarily urban) and the Township of Wilmot which is primarily rural containing seven (7) small communities.

On October 3, 2008, the Ontario Energy Board ("OEB" or the "Board") issued a letter to all electricity distributors outlining the filing requirements for incentive regulation distribution rate adjustments. Accordingly, Kitchener-Wilmot Hydro Inc. (the "Applicant" or "KWHI") submits its 2009 Distribution Rate Application consistent with the filing guidelines issued by the Board under the 2nd generation incentive regulation mechanism.

Details of the Applicant's Electricity Distribution Rate Application are noted below:

Embedded Distributor Rate Class

- KWHI has only one (1) Embedded Distributor rate classification. The Applicant's Embedded Distributor rate class is not charged a monthly service charge but is subject to two different volumetric rates (a specific LV line rate and a shared LV line rate). Limitations in the OEB IRM model did not allow for entry of more than one volumetric rate per rate class and thus, subsequent adjustment of the two rates. Following discussion with Board staff at the time of filing its 2007 rate model, the Applicant was directed to enter the Embedded Distributor rate class twice, separating the two volumetric rates; thus allowing the model to make the required adjustments to both rates. This submitted IRM rate model has been prepared consistent with those instructions. This single rate class shows as two separate rate classes throughout the rate application.

2007 Board-Approved Tariff of Rates and Charges

- The Applicant's 2008 Board-Approved Tariff of Rates and Charges, as issued April 18, 2008 was copied directly into worksheets "C3.1 CurrRates & Chg General" and "C6.1 Curr Rates & Chgs Unique" of the rate model, except for the following exceptions on worksheet "C6.1 Curr Rates & Chgs Unique":
 - For the rate class Standby Power – INTERIM APPROVAL, a monthly rate of \$0.0001 has been entered. This rate class does not have a monthly service charge but is charged "Monthly Rate – Applicable Customer Class

Distribution Volumetric Rate - \$/kW of contracted amount” as per the Applicant’s current approved Tariff of Rates and Charges. Following discussions with Board Staff, it was discovered that a value had to be entered at cell F34 in order to correctly generate a Tariff of Rates and Charges that included the Standby Power rate class. A value of \$.0001 has therefore been entered there but a monthly charge is not being requested for this rate classification.

- Embedded Distributor rate class has been entered twice, as noted above.

Smart Meter Rate Adder

- The existing Smart Meter rate adder of \$0.27 per month charged by the Applicant to specific rate classes, in accordance with the Board’s Decision RP-2005-0020 / EB-2005-0529 was entered on worksheet “C1.1 Smart Meters Rate Adder” of the model.
- The Applicant has been authorized by regulation (O. Reg 427/06) to conduct smart meter activities, conditional on its meters being acquired pursuant to and in compliance with a Request for Proposal issued by London Hydro Inc. and intends to install smart meters in the 2009 rate year. In accordance with the G-2008-0002 Guideline for Smart Meter Funding and Cost Recovery issued by the Board on October 22, 2008, the Applicant is requesting the standard \$1.00 Smart Meter Funding adder and has thus entered a Uniform Service Charge Amount of \$1.00 for specific classes on worksheet “J1.1 Smart Meters Rate Adder” of the 2009 rate model. Attached to this rate application as Appendix A (signed by KWHI’s President and CEO, Jerry Van Ooteghem) is the evidence required in support of this request detailed as follows:
 - The estimated number of meters to be installed in the 2009 year
 - The estimate cost per installed meter and in total
 - A statement as to whether the Applicant expects to purchase smart meters or advanced metering infrastructure whose functionality exceeds the minimum functionality adopted in O. Reg. 425/06
 - A statement as to whether the Applicant expects to incur costs associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07 and an estimate of those costs.

K-Factor Derivation

- Green cells in worksheet “D1.1 K-factor Adjustment Wrksht” have been populated using the data directly from the Applicant’s Board-approved 2006 EDR model.

- The Applicant is considered to be a medium-small distributor.
- The following changes are included in the model stemming from the IRM report:

	2008	2009	Change
Debt to Equity	57.5 / 42.5	60 / 40	2.5 / (2.5)
Weighted Average Cost of Capital	7.28%	7.20%	-0.08%
Return on Rate Base	10,747,061	10,636,266	(110,794)
Revenue Requirement (Before PILS)	29,488,457	29,377,662	(110,794)
Target Net Income (EBIT)	5,650,517	5,318,133	(332,383)
Interest Expense	5,096,544	5,318,133	221,589
Revenue Requirement after PILS & Transformer allowance credit	32,218,474	32,039,795	(178,679)

- The resulting K-factor to be applied to the Applicant's revenue requirement is a decrease of (0.6%).

2009 Federal Tax Adjustment (PILS)

- Due to the reduced PILS requirement stemming from lower corporate income tax rates, the effect to the Applicant's revenue requirement for PILS is a reduction of (\$70,702) for the 2009 rate year or a (0.2%) decrease in the revenue requirement.

Price Cap Adjustment

- No inputs were required to be entered on "F1.1 Price Cap Adjustmnt Wrksht".
- Following the publication of the 2008 annual data for the national GDP-IPI around the end of February 2009 by Statistics Canada, Board Staff will adjust the inflation index in the Applicant's rate model and submit back to the Applicant for confirmation, as per the "2009 Electricity Distribution Rates FAQs for LDCs under 2nd and 3rd Generation Incentive Regulation Mechanisms" issued October 20, 2008.
- The current values (prior to Board Staff adjustments) are as follows:

- Price Escalator (GDP-IPI) of 2.1%.
- Average annual expected productivity gain of 1%.
- The unadjusted resulting total Price Cap Adjustment to be applied to the Applicant's revenue requirement is currently 1.1%.

Retail Transmission Rates

On August 28, 2008, the Board issued its Decision and Rate Order in proceeding EB-2008-0113, setting new Uniform Transmission Rates (UTRs) for Ontario transmitters, effective January 1, 2009. Based on this Decision, the new UTR's are:

- Network Service Rate of \$2.57 per kW per month (an 11.3% increase)
- Line Connection Service Rate of \$0.70 per kW per month (an 18.6% increase)
- Transformation Connection Service Rate of \$1.62 per kW per month (a 0.6% increase)

The Applicant passes on these UTR charges through two (2) retail transmission service rates (RTSRs). These retail transmission rates are as follows:

- Retail Transmission Rate – Network Service Rate
- Retail Transmission Rate – Line and Transformation Connection Service Rate

In accordance with the G-2008-0001 Guideline for Electricity Distribution Retail Transmission Service Rate issued by the Board on October 22, 2008, the Applicant has adjusted its RTSR in the same manner as the UTRs have changed. Following an analysis of the changes in the RTSRs, the increases requested are as follows:

- Increase in the Retail Transmission Rate – Network Service Rate of 11.3%
- Increase in the Retail Transmission Rate – Line and Transformation Connection Service Rate of 15.24%

Retail Transmission Rate – Network Service Rate

The Network Service Rate charged by electricity transmitters in Ontario applies to the Applicant's total load in kW and thus, the Applicant proposes to increase the Retail Transmission Rate – Network Service Rate charged to its customers by the same percentage amount of 11.3%.

Retail Transmission Rate – Line and Transformation Connection Service Rate

The Transformation Connection Service Rate charged by electricity transmitters in Ontario applies to only one delivery point within the Applicant’s service territory or 8.5% of its total load. Line Connection Service and Transformation Connection Services rates have been analyzed using billing data provided by the IESO since the last decrease in November 2007. To calculate the required increase in the Line and Transformation Connection Service Rate, the cost at current rates using KWHI’s actual consumption is calculated. The cost at the new rates is then calculated to arrive at the requested increase of 15.24% as follows:

Usage Month	Line Connection Charge Base (kW)	Transformation Connection Charge Base (kW)	Total kW
November 2007	314,696	27,036	341,732
December 2007	335,873	28,616	364,489
January 2008	332,631	31,583	364,214
February 2008	333,810	28,362	362,172
March 2008	312,853	27,520	340,373
April 2008	279,306	26,141	305,447
May 2008	275,809	24,244	300,053
June 2008	367,299	28,330	395,629
July 2008	361,570	29,068	390,638
August 2008	331,420	26,374	357,794
Total kW *	3,245,267	277,274	3,522,541
(A) Cost per kW @ Current Rates **	\$ 0.59	\$ 1.61	\$ 2,361,118.67
(B) Cost per kW @ New Rates ***	\$ 0.70	\$ 1.62	\$ 2,720,870.78
% Increase = (B / A) - 1			15.24%

* Total kW billed by the IESO for each component which make up the costs passed through to the Applicant's customers through the Retail Transmission Rate - Line and Transformation Connection Service Rate.

** Total cost to the Applicant using the rates currently charged by electricity transmitters in Ontario, effective November 1, 2007.

** Total cost to the Applicant using the rates charged by electricity transmitters in Ontario, effective January 1, 2009.

Respectfully submitted,

Original Signed By

Margaret Nanninga, MBA, CGA
Manager of Regulatory & Financial Services
Kitchener-Wilmot Hydro Inc.



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2nd Generation Incentive Regulation Mechanism



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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	Kitchener-Wilmot Hydro Inc.
Applicant Service Area	Main
OEB Application Number	EB-2008-0192
LDC Licence Number	ED-2002-0573
Notice Publication Language	English
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	No
Contact Information	
Name:	Margaret Nanninga
Title:	Manager of Regulatory and Financial Services
Phone Number:	519-745-4771 Ext. 220
E-Mail Address:	mnanninga@kwhydro.on.ca

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	
C2.1 Smart Meter Cost Recovery		0
C2.2 Regulatory Asset Recovery		0
C2.3 LV Wheeling		0
C3.1 Curr Rates & Chqs General	Enter Current Tariff Sheet Rates - General Rate Classes	
C6.1 Curr Rates & Chqs 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	
F1.1 Price Cap Adjustmnt Wrksht	Enter Price Cap Adjustment Data	
F1.2 Price Cap Adjustment - Gen	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes	
F1.3 Price Cap Adjustment - Unq	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes	
G1.1 Aft PrcCp Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
G2.1 AftPrCp 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
C1.1 Smart Meters Rate Adder	Enter Smart Meter Rate Adder
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets



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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
SL	Street Lighting	Continuing	Connection - 12 per year	kW
NA	Rate Class 7	NA	NA	NA
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



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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
USB	Standby Power – INTERIM APPROVAL	Continuing	Customer - 12 per year	kW
UEMB	Embedded Distributor	Continuing	Customer - 12 per year	kW
UEMB	Embedded Distributor	Continuing	Customer - 12 per year	kW
NA	Rate Class 29	NA	NA	NA
NA	Rate Class 30	NA	NA	NA
NA	Rate Class 31	NA	NA	NA
NA	Rate Class 32	NA	NA	NA
NA	Rate Class 33	NA	NA	NA
NA	Rate Class 34	NA	NA	NA
NA	Rate Class 35	NA	NA	NA



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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	0.270000

<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	0.270000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.270000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	0.270000	Customer - 12 per year	0.000000	kW
Large Use	Yes	0.270000	Customer - 12 per year	0.000000	kW



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Instructions

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

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	9.81
Distribution Volumetric Rate	\$/kWh	0.0123
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0016
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	\$	25.42
Distribution Volumetric Rate	\$/kWh	0.0090
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0015
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	\$	232.78
Distribution Volumetric Rate	\$/kW	3.5172
Retail Transmission Rate – Network Service Rate	\$/kW	1.9213
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7696
	\$/kW	0.0000
	\$/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	\$	14,184.10
Distribution Volumetric Rate	\$/kW	1.4304
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8058
	\$/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	0.7234
	\$/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)	\$	12.58
Distribution Volumetric Rate	\$/kWh	0.0090
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0015
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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Instructions

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

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.78
Distribution Volumetric Rate	\$/kW	4.3911
Retail Transmission Rate – Network Service Rate	\$/kW	1.1684
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.4681
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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Instructions

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

Rate Class

Standby Power – INTERIM APPROVAL

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Rate - Applicable Customer Class Distribution Volumetric Rate – \$/kW of contracted amount		
	\$/kW	0.0001
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000

Rate Class

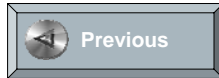
Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Dedicated LV Line		
	\$/kW	1.1280
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000

Rate Class

Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Shared LV Line		
	\$/kW	0.0998
Retail Transmission Rate – Network Service Rate	\$/kW	1.8115
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7256



Instructions

No input required.

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

Service Charge

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential	Customer - 12 per year	9.810000	0.270000	9.540000
General Service Less Than 50 kW	Customer - 12 per year	25.420000	0.270000	25.150000
General Service 50 to 4,999 kW	Customer - 12 per year	232.780000	0.270000	232.510000
Large Use	Customer - 12 per year	14,184.100000	0.270000	14,183.830000
Unmetered Scattered Load	Connection -12 per year	12.580000	0.000000	12.580000
Street Lighting	Connection - 12 per year	0.780000	0.000000	0.780000

Distribution Volumetric Rate

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential	kWh	0.012300	0.000000	0.012300
General Service Less Than 50 kW	kWh	0.009000	0.000000	0.009000
General Service 50 to 4,999 kW	kW	3.517200	0.000000	3.517200
Large Use	kW	1.430400	0.000000	1.430400
Unmetered Scattered Load	kWh	0.009000	0.000000	0.009000
Street Lighting	kW	4.391100	0.000000	4.391100



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Instructions

No input required.

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

Service Charge

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Current Base Rates</u>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000

Distribution Volumetric Rate

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Current Base Rates</u>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000100	0.000100
Embedded Distributor	Customer - 12 per year	1.128000	1.128000
Embedded Distributor	Customer - 12 per year	0.099800	0.099800



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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	6.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 147,725,922	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Med-Small	

Deemed Capital Structure

	Debt	Equity	
2006	E1 55.0%	45.0%	E2
2008	F1 57.5%	42.5%	F2
2009	F1.2 60.0%	40.0%	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	7.35%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	7.28%	= (F1 X B) + (F2 X A)	
2009	H1	7.20%	= (F1.2 X B) + (F2.2 X A)	

Return on Rate Base

2006	I	\$ 10,857,855.27	= C X G / 100
2008	J	\$ 10,747,060.83	= C X H / 100
2009	J1	\$ 10,636,266.38	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 18,741,396	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 31,437,185	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 959,968	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

Revenue Requirement (before PILs)

2006	N	\$ 29,599,251.27	= I + K
2008	O	\$ 29,488,456.83	= J + K
2009	O2	\$ 29,377,662.38	= J1 + K

Target Net Income (EBIT)

2006	\$ 5,982,899.84	P1 = I - P2
2008	\$ 5,650,516.52	Q1 = J - Q2
2009	\$ 5,318,133.19	Q1.2 = J1 - Q2.2

Interest Expense

2006	\$ 4,874,955.43	P2 = C X (B X E1 / 100)
2008	\$ 5,096,544.31	Q2 = C X (B X F1 / 100)
2009	\$ 5,318,133.19	Q2.2 = C X (B X F1.2 / 100)

PILs

Tax Rate	R	36.12%	(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	\$ 117,953	S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$ 473,075	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ 4,153,429	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	2006 \$ 6,300,282	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008 \$ 6,180,225	AD	= AC + (Q1 - P1) * (R / 100)
	2009 \$ 6,060,168	AD1	= AC + (Q1.2 - P1) * (R / 100)
Federal Tax (grossed up)	2006 \$ 3,562,401	V	= AC * (R / 100) / (1 - R / 100)
	2008 \$ 3,494,517	W	= AD * (R / 100) / (1 - R / 100)
	2009 \$ 3,426,632	W1	= AD1 * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (including PILs)

Revenue Requirement (less LCT)	(LCT is removed as it was removed from rates in 2007 EDR)	
2006	\$ 33,634,727.42	X = N + V + T
2008	\$ 33,456,048.61	Y = O + W + T
2009	\$ 33,277,369.80	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	\$ 32,397,153.00	Z	= L + M
2008	\$ 32,218,474.19	AA1	= Z + (Y - X)
2009	\$ 32,039,795.37	AA1.2	= Z + (Y2 - X)
Difference	2008 \$ -178,678.81	AA2	= AA1 - Z
	2009 \$ -178,678.81	AA2.2	= AA1.2 - AA1
K-factor	2008	-0.6%	AB = AA2 / Z
	2009	-0.6%	AC = AA2.2 / AA1



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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	-0.600%	Uniform Volumetric Charge Percent	-0.600% kWh -0.600% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	9.540000	Yes	-0.600% -	0.057240
General Service Less Than 50 kW	Customer - 12 per year	25.150000	Yes	-0.600% -	0.150900
General Service 50 to 4,999 kW	Customer - 12 per year	232.510000	Yes	-0.600% -	1.395060
Large Use	Customer - 12 per year	14183.830000	Yes	-0.600% -	85.102980
Unmetered Scattered Load	Connection -12 per year	12.580000	Yes	-0.600% -	0.075480
Street Lighting	Connection - 12 per year	0.780000	Yes	-0.600% -	0.004680

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.012300	Yes	-0.600% -	0.000074
General Service Less Than 50 kW	kWh	0.009000	Yes	-0.600% -	0.000054
General Service 50 to 4,999 kW	kW	3.517200	Yes	-0.600% -	0.021103
Large Use	kW	1.430400	Yes	-0.600% -	0.008582
Unmetered Scattered Load	kWh	0.009000	Yes	-0.600% -	0.000054
Street Lighting	kW	4.391100	Yes	-0.600% -	0.026347



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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	-0.600%	Uniform Volumetric Charge Percent
		-0.600% kWh
		-0.600% 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>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	Yes	-0.600%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.600%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.600%	0.000000

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>
Standby Power – INTERIM APPROVAL	kW	0.000100	Yes	-0.600%	0.000001
Embedded Distributor	kW	1.128000	Yes	-0.600%	0.006768
Embedded Distributor	kW	0.099800	Yes	-0.600%	0.000599



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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>)	6,300,282	A	6,300,282		6,300,282	
2006 Corporate Income Tax Rate (<i>K-Factor Cell E79</i>)	36.12%	B	33.50%		33.00%	
Corporate PILs/Income Tax Provision for Test Year	2,275,662	$C = A * B$	2,110,594		2,079,093	
Income Tax (grossed-up)	3,562,401	$D = C / (1 - B)$	3,173,826	-388,575	3,103,124	-70,702 ← 2009 Amount to be adjusted
From 2006 EDR Model						
2006 EDR Base Revenue Requirement From Distribution Rates (<i>K-Factor Cell E105</i>)	32,397,153	E	32,397,153		32,397,153	
Grossed up taxes as a % of Revenue Requirement	11.000%	$F = D / E$	9.800%	-1.200%	9.600%	-0.200%
						↑ 2009 Federal Tax Rate Adjustment Factor



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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	-0.200%	Uniform Volumetric Charge Percent	-0.200% kWh -0.200% 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	9.540000	Yes	-0.200% -	0.019080
General Service Less Than 50 kW	Customer - 12 per year	25.150000	Yes	-0.200% -	0.050300
General Service 50 to 4,999 kW	Customer - 12 per year	232.510000	Yes	-0.200% -	0.465020
Large Use	Customer - 12 per year	14183.830000	Yes	-0.200% -	28.367660
Unmetered Scattered Load	Connection - 12 per year	12.580000	Yes	-0.200% -	0.025160
Street Lighting	Connection - 12 per year	0.780000	Yes	-0.200% -	0.001560

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	0.012300	Yes	-0.200% -	0.000025
General Service Less Than 50 kW	kWh	0.009000	Yes	-0.200% -	0.000018
General Service 50 to 4,999 kW	kW	3.517200	Yes	-0.200% -	0.007034
Large Use	kW	1.430400	Yes	-0.200% -	0.002861
Unmetered Scattered Load	kWh	0.009000	Yes	-0.200% -	0.000018
Street Lighting	kW	4.391100	Yes	-0.200% -	0.008782



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Instructions

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

No input required.

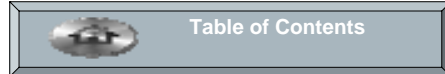
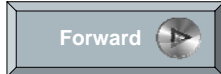
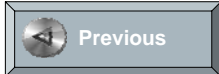
Rate Rebalancing Adjustment	Federal Tax Adjustment Unique		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	-0.200%	Uniform Volumetric Charge Percent	-0.200% kWh -0.200% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	Yes	-0.200%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.200%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.200%	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power – INTERIM APPROVAL	kW	0.000100	Yes	-0.200%	0.000000
Embedded Distributor	kW	1.128000	Yes	-0.200%	0.002256
Embedded Distributor	kW	0.099800	Yes	-0.200%	0.000200



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	9.540000	-0.057240	-0.019080	9.463680
General Service Less Than 50 kW	Customer - 12 per year	25.150000	-0.150900	-0.050300	24.948800
General Service 50 to 4,999 kW	Customer - 12 per year	232.510000	-1.395060	-0.465020	230.649920
Large Use	Customer - 12 per year	14,183.830000	-85.102980	-28.367660	14,070.359360
Unmetered Scattered Load	Connection -12 per year	12.580000	-0.075480	-0.025160	12.479360
Street Lighting	Connection - 12 per year	0.780000	-0.004680	-0.001560	0.773760

Volumetric Distribution Charge

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
			General	General	
Residential	kWh	0.012300	-0.000074	-0.000025	0.012201
General Service Less Than 50 kW	kWh	0.009000	-0.000054	-0.000018	0.008928
General Service 50 to 4,999 kW	kWh	3.517200	-0.021103	-0.007034	3.489063
Large Use	kWh	1.430400	-0.008582	-0.002861	1.418957
Unmetered Scattered Load	kWh	0.009000	-0.000054	-0.000018	0.008928
Street Lighting	kWh	4.391100	-0.026347	-0.008782	4.355971



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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>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	0.000000	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000	0.000000

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>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000100	-0.000001	0.000000	0.000099
Embedded Distributor	Customer - 12 per year	1.128000	-0.006768	-0.002256	1.118976
Embedded Distributor	Customer - 12 per year	0.099800	-0.000599	-0.000200	0.099001



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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 determine 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%



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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	9.463680	Yes	1.100%	0.104100
General Service Less Than 50 kW	Customer - 12 per year	24.948800	Yes	1.100%	0.274437
General Service 50 to 4,999 kW	Customer - 12 per year	230.649920	Yes	1.100%	2.537149
Large Use	Customer - 12 per year	14070.359360	Yes	1.100%	154.773953
Unmetered Scattered Load	Connection -12 per year	12.479360	Yes	1.100%	0.137273
Street Lighting	Connection - 12 per year	0.773760	Yes	1.100%	0.008511

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	0.012201	Yes	1.100%	0.000134
General Service Less Than 50 kW	kWh	0.008928	Yes	1.100%	0.000098
General Service 50 to 4,999 kW	kW	3.489063	Yes	1.100%	0.038380
Large Use	kW	1.418957	Yes	1.100%	0.015609
Unmetered Scattered Load	kWh	0.008928	Yes	1.100%	0.000098
Street Lighting	kW	4.355971	Yes	1.100%	0.047916



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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

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	Yes	1.100%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	1.100%	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	Yes	1.100%	0.000000

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power – INTERIM APPROVAL	kW	0.000099	Yes	1.100%	0.000001
Embedded Distributor	kW	1.118976	Yes	1.100%	0.012309
Embedded Distributor	kW	0.099001	Yes	1.100%	0.001089



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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential	<u>Customer - 12 per year</u>	<u>9.463680</u>	<u>0.104100</u>	<u>9.567780</u>
General Service Less Than 50 kW	<u>Customer - 12 per year</u>	<u>24.948800</u>	<u>0.274437</u>	<u>25.223237</u>
General Service 50 to 4,999 kW	<u>Customer - 12 per year</u>	<u>230.649920</u>	<u>2.537149</u>	<u>233.187069</u>
Large Use	<u>Customer - 12 per year</u>	<u>14070.359360</u>	<u>154.773953</u>	<u>14225.133313</u>
Unmetered Scattered Load	<u>Connection - 12 per year</u>	<u>12.479360</u>	<u>0.137273</u>	<u>12.616633</u>
Street Lighting	<u>Connection - 12 per year</u>	<u>0.773760</u>	<u>0.008511</u>	<u>0.782271</u>

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential	kWh	0.012201	0.000134	0.012335
General Service Less Than 50 kW	kWh	0.008928	0.000098	0.009026
General Service 50 to 4,999 kW	kW	3.489063	0.038380	3.527443
Large Use	kW	1.418957	0.015609	1.434566
Unmetered Scattered Load	kWh	0.008928	0.000098	0.009026
Street Lighting	kW	4.355971	0.047916	4.403887



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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>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000

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>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000099	0.000001	0.000100
Embedded Distributor	Customer - 12 per year	1.118976	0.012309	1.131285
Embedded Distributor	Customer - 12 per year	0.099001	0.001089	0.100090



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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



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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	9.567780	1.000000	10.567780
General Service Less Than 50 kW	Customer - 12 per year	25.223237	1.000000	26.223237
General Service 50 to 4,999 kW	Customer - 12 per year	233.187069	1.000000	234.187069
Large Use	Customer - 12 per year	14,225.133313	1.000000	14,226.133313
Unmetered Scattered Load	Connection - 12 per year	12.616633	0.000000	12.616633
Street Lighting	Connection - 12 per year	0.782271	0.000000	0.782271

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	0.012335	0.000000	0.012335
General Service Less Than 50 kW	kWh	0.009026	0.000000	0.009026
General Service 50 to 4,999 kW	kW	3.527443	0.000000	3.527443
Large Use	kW	1.434566	0.000000	1.434566
Unmetered Scattered Load	kWh	0.009026	0.000000	0.009026
Street Lighting	kW	4.403887	0.000000	4.403887



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Instructions

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

No input required.

Monthly Service Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000
Embedded Distributor	Customer - 12 per year	0.000000	0.000000

Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
Standby Power – INTERIM APPROVAL	Customer - 12 per year	0.000100	0.000100
Embedded Distributor	Customer - 12 per year	1.131285	1.131285
Embedded Distributor	Customer - 12 per year	0.100090	0.100090



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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 **11.300%**

Rate Class **Applied to Class**
Residential Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004200	11.300%	0.000475	0.004675

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	0.003700	11.300%	0.000418	0.004118

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	1.921300	11.300%	0.217107	2.138407

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	1.805800	11.300%	0.204055	2.009855

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	0.003700	11.300%	0.000418	0.004118

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	1.168400	11.300%	0.132029	1.300429



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Method of Application **Uniform Percentage**

Uniform Percentage **11.300%**

Rate Class	Applied to Class
Standby Power – INTERIM APPROVAL	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
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Rate Class	Applied to Class
Embedded Distributor	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
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Rate Class	Applied to Class
Embedded Distributor	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.811500	11.300%	0.204700	2.016200
	No				



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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 [15.240%](#)

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	0.001600	15.240%	0.000244	0.001844

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	0.001500	15.240%	0.000229	0.001729

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	0.769600	15.240%	0.117287	0.886887

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	0.723400	15.240%	0.110246	0.833646

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	0.001500	15.240%	0.000229	0.001729

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	0.468100	15.240%	0.071338	0.539438



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Method of Application **Uniform Percentage**

Uniform Percentage **15.240%**

Rate Class	Applied to Class
Standby Power – INTERIM APPROVAL	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
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Rate Class	Applied to Class
Embedded Distributor	Yes

Rate Description	No	Current Amount	% Adjustment	\$ Adjustment	Final Amount
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Rate Class	Applied to Class
Embedded Distributor	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.725600	15.240%	0.110581	0.836181

No



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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	\$	10.57
Distribution Volumetric Rate	\$/kWh	0.0123
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0018
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	\$	26.22
Distribution Volumetric Rate	\$/kWh	0.0090
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0017
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	\$	234.19
Distribution Volumetric Rate	\$/kW	3.5274
Retail Transmission Rate – Network Service Rate	\$/kW	2.1384
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.8869
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Large Use

Rate Description	Metric	Rate
Service Charge	\$	14,226.13
Distribution Volumetric Rate	\$/kW	1.4346
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.0099
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	0.8336
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	\$	12.62
Distribution Volumetric Rate	\$/kWh	0.0090
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0017
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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Instructions

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

No input required.

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge	\$	0.78
Distribution Volumetric Rate	\$/kW	4.4039
Retail Transmission Rate – Network Service Rate	\$/kW	1.3004
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.5394
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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Instructions

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

No input required.

Rate Class

Standby Power – INTERIM APPROVAL

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Rate - Applicable Customer Class Distribution Volumetric Rate – \$/kW of contracted amount		
Retail Transmission Rate – Network Service Rate	\$/kW	0.0001
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0

Rate Class

Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Dedicated LV Line	\$/kW	1.1313
Retail Transmission Rate – Network Service Rate	\$/kW	0
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0

Rate Class

Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Shared LV Line	\$/kW	0.1001
Retail Transmission Rate – Network Service Rate	\$/kW	2.0162
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.836181



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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	1.0329
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053



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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	9.81	0.0123
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.06	-0.0001
Federal Tax Adjustment General	-0.02	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.10	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	10.57	0.0123
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kWh)
General Service Less Than 50 kW		
Current Rates	25.42	0.0090
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.15	-0.0001
Federal Tax Adjustment General	-0.05	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.27	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	26.22	0.0090
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kW)
General Service 50 to 4,999 kW		
Current Rates	232.78	3.5172
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-1.40	-0.0211
Federal Tax Adjustment General	-0.47	-0.0070
Price Cap Adj		
Price Cap Adjustment - General	2.54	0.0384
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	234.19	3.5274
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kW)
Large Use		
Current Rates	14,184.10	1.4304
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-85.10	-0.0086
Federal Tax Adjustment General	-28.37	-0.0029
Price Cap Adj		
Price Cap Adjustment - General	154.77	0.0156
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	14,226.13	1.4346
	0.00	0.0000

	Fixed (\$)	Volumetric (\$/kWh)
Unmetered Scattered Load		
Current Rates	12.58	0.0090
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.08	-0.0001
Federal Tax Adjustment General	-0.03	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.14	0.0001
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	12.62	0.0090



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

0.00 0.0000

	Fixed (\$)	Volumetric (\$/kW)
Street Lighting		
Current Rates	0.78	4.3911
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0263
Federal Tax Adjustment General	0.00	-0.0088
Price Cap Adj		
Price Cap Adjustment - General	0.01	0.0479
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.78	4.4039
	0.00	0.0000



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

	Fixed	Volumetric
Standby Power – INTERIM APPROVAL	(\$)	\$/kWh
Current Rates	0.00	0.0001
Rate Rebalancing Adj		
K-factor Adjustment - Unique	0.00	0.0000
Federal Tax Adjustment Unique	0.00	0.0000
Price Cap Adj		
Price Cap Adjustment - Unique	0.00	0.0000
Applied For Rates	0.00	0.0001
	0.00	0.0000

	Fixed	Volumetric
Embedded Distributor	(\$)	\$/kWh
Current Rates	0.00	1.1280
Rate ReBal Override	0	0
K-factor Adjustment - Unique	0.00	-0.0068
Federal Tax Adjustment Unique	0.00	-0.0023
Price Cap Adj		
Price Cap Adjustment - Unique	0.00	0.0123
Applied For Rates	0.00	1.1313
	0.00	0.0000

	Fixed	Volumetric
Embedded Distributor	(\$)	\$/kWh
Current Rates	0.00	0.0998
Rate Rebalancing Adj		
K-factor Adjustment - Unique	0.00	-0.0006
Federal Tax Adjustment Unique	0.00	-0.0002
Price Cap Adj		
Price Cap Adjustment - Unique	0.00	0.0011
Applied For Rates	0.00	0.1001
	0.00	0.0000



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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	\$	9.81	10.57
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0123	0.0123
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0016	0.0018
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 1.0329

	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%	30.48%
Energy Second Tier (kWh)	433	0.0650	28.15	433	0.0650	28.15	0.00	0.0%	25.54%
Sub-Total: Energy			61.75			61.75	0.00	0.0%	56.01%
Service Charge	1	9.81	9.81	1	10.57	10.57	0.76	7.7%	9.59%
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	0.0123	12.30	1,000	0.0123	12.30	0.00	0.0%	11.16%
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			22.11			22.87	0.76	3.4%	20.75%
Retail Transmission Rate – Network Service Rate	1,033	0.0042	4.34	1,033	0.0047	4.86	0.52	12.0%	4.41%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,033	0.0016	1.65	1,033	0.0018	1.86	0.21	12.7%	1.69%
Total: Retail Transmission			5.99			6.72	0.73	12.2%	6.10%
Sub-Total: Delivery (Distribution and Retail Transmission)			28.10			29.59	1.49	5.3%	26.84%
Wholesale Market Service Rate	1,033	0.0052	5.37	1,033	0.0052	5.37	0.00	0.0%	4.87%
Rural Rate Protection Charge	1,033	0.0010	1.03	1,033	0.0010	1.03	0.00	0.0%	0.93%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.23%
Sub-Total: Regulatory			6.65			6.65	0.00	0.0%	6.03%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	6.35%
Total Bill before Taxes			103.50			104.99	1.49	1.4%	95.24%
GST	103.50	5%	5.18	104.99	5%	5.25	0.07	1.4%	4.76%
			108.68			110.24	1.56	1.4%	100.00%

Rate Class Threshold Test

Residential

	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh		259	620	1,033	1,653	2,325
kW						
Load Factor						

Energy

Applied For Bill	\$ 14.50	\$ 34.90	\$ 61.74	\$ 102.04	\$ 145.72
Current Bill	\$ 14.50	\$ 34.90	\$ 61.74	\$ 102.04	\$ 145.72
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	41.3%	51.0%	56.0%	59.0%	60.5%

Distribution

Applied For Bill	\$ 13.64	\$ 17.95	\$ 22.87	\$ 30.25	\$ 38.24
Current Bill	\$ 12.88	\$ 17.19	\$ 22.11	\$ 29.49	\$ 37.48
\$ Impact	\$ 0.76	\$ 0.76	\$ 0.76	\$ 0.76	\$ 0.76
% Impact	5.9%	4.4%	3.4%	2.6%	2.0%
% of Total Bill	38.8%	26.2%	20.7%	17.5%	15.9%

Retail Transmission

Applied For Bill	\$ 1.69	\$ 4.03	\$ 6.72	\$ 10.75	\$ 15.11
Current Bill	\$ 1.50	\$ 3.59	\$ 5.99	\$ 9.58	\$ 13.48
\$ Impact	\$ 0.19	\$ 0.44	\$ 0.73	\$ 1.17	\$ 1.63
% Impact	12.7%	12.3%	12.2%	12.2%	12.1%
% of Total Bill	4.8%	5.9%	6.1%	6.2%	6.3%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 15.33	\$ 21.98	\$ 29.59	\$ 41.00	\$ 53.35
Current Bill	\$ 14.38	\$ 20.78	\$ 28.10	\$ 39.07	\$ 50.96
\$ Impact	\$ 0.95	\$ 1.20	\$ 1.49	\$ 1.93	\$ 2.39
% Impact	6.6%	5.8%	5.3%	4.9%	4.7%
% of Total Bill	43.7%	32.1%	26.8%	23.7%	22.1%

Regulatory

Applied For Bill	\$ 1.86	\$ 4.09	\$ 6.65	\$ 10.50	\$ 14.67
Current Bill	\$ 1.86	\$ 4.09	\$ 6.65	\$ 10.50	\$ 14.67
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.3%	6.0%	6.0%	6.1%	6.1%

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	5.0%	6.1%	6.4%	6.5%	6.5%

GST

Applied For Bill	\$ 1.67	\$ 3.26	\$ 5.25	\$ 8.24	\$ 11.47
Current Bill	\$ 1.62	\$ 3.20	\$ 5.17	\$ 8.14	\$ 11.36
\$ Impact	\$ 0.05	\$ 0.06	\$ 0.08	\$ 0.10	\$ 0.11
% Impact	3.1%	1.9%	1.5%	1.2%	1.0%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 35.11	\$ 68.43	\$ 110.23	\$ 172.98	\$ 240.96
Current Bill	\$ 34.11	\$ 67.17	\$ 108.66	\$ 170.95	\$ 238.46
\$ Impact	\$ 1.00	\$ 1.26	\$ 1.57	\$ 2.03	\$ 2.50
% Impact	2.9%	1.9%	1.4%	1.2%	1.0%

Rounding Applied -0.010000
Rounding Current -0.020000



Ontario Energy Board
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2nd Generation Incentive Regulation Mechanism



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Instructions

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

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	25.42	26.22
Service Charge Rate Rider(s)	\$		
Distribution Volumetric Rate	\$/kWh	0.0090	0.0090
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0015	0.0017
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	-	kWh
RPP Tier One	750	kWh	Load Factor	

Loss Factor 1.0329

	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%	4.10%
Energy Second Tier (kWh)	9,579	0.0650	622.64	9,579	0.0650	622.64	0.00	0.0%	60.82%
Sub-Total: Energy			664.64			664.64	0.00	0.0%	64.92%
Service Charge	1	25.42	25.42	1	26.22	26.22	0.80	3.1%	2.56%
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	0.0090	90.00	10,000	0.0090	90.00	0.00	0.0%	8.79%
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			115.42			116.22	0.80	0.7%	11.35%
Retail Transmission Rate – Network Service Rate	10,329	0.0037	38.22	10,329	0.0041	42.35	4.13	10.8%	4.14%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,329	0.0015	15.49	10,329	0.0017	17.56	2.07	13.4%	1.72%
Total: Retail Transmission			53.71			59.91	6.20	11.5%	5.85%
Sub-Total: Delivery (Distribution and Retail Transmission)			169.13			176.13	7.00	4.1%	17.20%
Wholesale Market Service Rate	10,329	0.0052	53.71	10,329	0.0052	53.71	0.00	0.0%	5.25%
Rural Rate Protection Charge	10,329	0.0010	10.33	10,329	0.0010	10.33	0.00	0.0%	1.01%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.29			64.29	0.00	0.0%	6.28%
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	10,000	0.00700	70.00	0.00	0.0%	6.84%
Total Bill before Taxes			968.06			975.06	7.00	0.7%	95.24%
GST	968.06	5%	48.40	975.06	5%	48.75	0.35	0.7%	4.76%
			1,016.46			1,023.81	7.35	0.7%	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		1,033	5,165	10,329	15,494	20,658
kW						
Load Factor						

Energy

Applied For Bill	\$ 60.39	\$ 328.97	\$ 664.63	\$ 1,000.36	\$ 1,336.02
Current Bill	\$ 60.39	\$ 328.97	\$ 664.63	\$ 1,000.36	\$ 1,336.02
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	49.9%	63.0%	64.9%	65.6%	65.9%

Distribution

Applied For Bill	\$ 35.22	\$ 71.22	\$ 116.22	\$ 161.22	\$ 206.22
Current Bill	\$ 34.42	\$ 70.42	\$ 115.42	\$ 160.42	\$ 205.42
\$ Impact	\$ 0.80	\$ 0.80	\$ 0.80	\$ 0.80	\$ 0.80
% Impact	2.3%	1.1%	0.7%	0.5%	0.4%
% of Total Bill	29.1%	13.6%	11.4%	10.6%	10.2%

Retail Transmission

Applied For Bill	\$ 6.00	\$ 29.96	\$ 59.91	\$ 89.87	\$ 119.82
Current Bill	\$ 5.37	\$ 26.86	\$ 53.71	\$ 80.57	\$ 107.42
\$ Impact	\$ 0.63	\$ 3.10	\$ 6.20	\$ 9.30	\$ 12.40
% Impact	11.7%	11.5%	11.5%	11.5%	11.5%
% of Total Bill	5.0%	5.7%	5.9%	5.9%	5.9%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 41.22	\$ 101.18	\$ 176.13	\$ 251.09	\$ 326.04
Current Bill	\$ 39.79	\$ 97.28	\$ 169.13	\$ 240.99	\$ 312.84
\$ Impact	\$ 1.43	\$ 3.90	\$ 7.00	\$ 10.10	\$ 13.20
% Impact	3.6%	4.0%	4.1%	4.2%	4.2%
% of Total Bill	34.1%	19.4%	17.2%	16.5%	16.1%

Regulatory

Applied For Bill	\$ 6.65	\$ 32.28	\$ 64.29	\$ 96.31	\$ 128.33
Current Bill	\$ 6.65	\$ 32.28	\$ 64.29	\$ 96.31	\$ 128.33
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.5%	6.2%	6.3%	6.3%	6.3%

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	5.8%	6.7%	6.8%	6.9%	6.9%

GST

Applied For Bill	\$ 5.76	\$ 24.87	\$ 48.75	\$ 72.64	\$ 96.52
Current Bill	\$ 5.69	\$ 24.68	\$ 48.40	\$ 72.13	\$ 95.86
\$ Impact	\$ 0.07	\$ 0.19	\$ 0.35	\$ 0.51	\$ 0.66
% Impact	1.2%	0.8%	0.7%	0.7%	0.7%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 121.02	\$ 522.30	\$ 1,023.80	\$ 1,525.40	\$ 2,026.91
Current Bill	\$ 119.52	\$ 518.21	\$ 1,016.45	\$ 1,514.79	\$ 2,013.05
\$ Impact	\$ 1.50	\$ 4.09	\$ 7.35	\$ 10.61	\$ 13.86
% Impact	1.3%	0.8%	0.7%	0.7%	0.7%

Rounding Applied -0.010000
Rounding Current -0.010000



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Instructions

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

General Service 50 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	232.78	234.19
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.5172	3.5274
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.9213	2.1384
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7696	0.8869
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	Loss Factor	1.0329
RPP Tier One	750	kWh	Load Factor	39.5%		

	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%	0.05%
Energy Second Tier (kWh)	737,774	0.0650	47,955.31	737,774	0.0650	47,955.31	0.00	0.0%	61.66%
Sub-Total: Energy			47,997.31			47,997.31	0.00	0.0%	61.72%
Service Charge	1	232.78	232.78	1	234.19	234.19	1.41	0.6%	0.30%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	3.5172	8,722.66	2,480	3.5274	8,747.95	25.29	0.3%	11.25%
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			8,955.44			8,982.14	26.70	0.3%	11.55%
Retail Transmission Rate – Network Service Rate	2,480	1.9213	4,764.82	2,480	2.1384	5,303.23	538.41	11.3%	6.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	0.7696	1,908.61	2,480	0.8869	2,199.51	290.90	15.2%	2.83%
Total: Retail Transmission			6,673.43			7,502.74	829.31	12.4%	9.65%
Sub-Total: Delivery (Distribution and Retail Transmission)			15,628.87			16,484.88	856.01	5.5%	21.20%
Wholesale Market Service Rate	738,524	0.0052	3,840.32	738,524	0.0052	3,840.32	0.00	0.0%	4.94%
Rural Rate Protection Charge	738,524	0.0010	738.52	738,524	0.0010	738.52	0.00	0.0%	0.95%
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			4,579.09			4,579.09	0.00	0.0%	5.89%
Debt Retirement Charge (DRC)	715,000	0.00700	5,005.00	715,000	0.00700	5,005.00	0.00	0.0%	6.44%
Total Bill before Taxes			73,210.27			74,066.28	856.01	1.2%	95.24%
GST	73,210.27	5%	3,660.51	74,066.28	5%	3,703.31	42.80	1.2%	4.76%
			76,870.78			77,769.59	898.81	1.2%	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		20,658	526,779	1,027,736	1,550,383	2,071,998
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	\$	1,336.02	\$	34,233.88	\$	66,796.09	\$	100,768.14	\$	134,673.12
Current Bill	\$	1,336.02	\$	34,233.88	\$	66,796.09	\$	100,768.14	\$	134,673.12
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		58.7%		65.7%		65.8%		65.9%		65.9%

Distribution

Applied For Bill	\$	410.56	\$	4,713.99	\$	8,982.14	\$	13,426.67	\$	17,871.19
Current Bill	\$	408.64	\$	4,699.62	\$	8,955.44	\$	13,387.11	\$	17,818.78
\$ Impact	\$	1.92	\$	14.37	\$	26.70	\$	39.56	\$	52.41
% Impact		0.5%		0.3%		0.3%		0.3%		0.3%
% of Total Bill		18.1%		9.0%		8.9%		8.8%		8.7%

Retail Transmission

Applied For Bill	\$	151.27	\$	3,842.13	\$	7,502.74	\$	11,314.63	\$	15,126.50
Current Bill	\$	134.55	\$	3,417.44	\$	6,673.43	\$	10,063.96	\$	13,454.50
\$ Impact	\$	16.72	\$	424.69	\$	829.31	\$	1,250.67	\$	1,672.00
% Impact		12.4%		12.4%		12.4%		12.4%		12.4%
% of Total Bill		6.7%		7.4%		7.4%		7.4%		7.4%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	561.83	\$	8,556.12	\$	16,484.88	\$	24,741.30	\$	32,997.69
Current Bill	\$	543.19	\$	8,117.06	\$	15,628.87	\$	23,451.07	\$	31,273.28
\$ Impact	\$	18.64	\$	439.06	\$	856.01	\$	1,290.23	\$	1,724.41
% Impact		3.4%		5.4%		5.5%		5.5%		5.5%
% of Total Bill		24.7%		16.4%		16.2%		16.2%		16.2%

Regulatory

Applied For Bill	\$	128.33	\$	3,266.28	\$	6,372.22	\$	9,612.62	\$	12,846.64
Current Bill	\$	128.33	\$	3,266.28	\$	6,372.22	\$	9,612.62	\$	12,846.64
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.6%		6.3%		6.3%		6.3%		6.3%

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		6.2%		6.9%		6.9%		6.9%		6.9%

GST

Applied For Bill	\$	108.31	\$	2,481.31	\$	4,830.91	\$	7,281.45	\$	9,727.97
Current Bill	\$	107.38	\$	2,459.36	\$	4,788.11	\$	7,216.94	\$	9,641.75
\$ Impact	\$	0.93	\$	21.95	\$	42.80	\$	64.51	\$	86.22
% Impact		0.9%		0.9%		0.9%		0.9%		0.9%
% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%

Total Bill

Applied For Bill	\$	2,274.49	\$	52,107.59	\$	101,449.10	\$	152,910.51	\$	204,287.42
Current Bill	\$	2,254.92	\$	51,646.58	\$	100,550.29	\$	151,555.77	\$	202,476.79
\$ Impact	\$	19.57	\$	461.01	\$	898.81	\$	1,354.74	\$	1,810.63
% Impact		0.9%		0.9%		0.9%		0.9%		0.9%



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Instructions

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

Large Use

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	14,184.10	14,226.13
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	1.4304	1.4346
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.8058	2.0099
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.7234	0.8336
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 1.0053

	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)	29,152,952	0.0650	1,894,941.88	29,152,952	0.0650	1,894,941.88	0.00	0.0%	71.99%
Sub-Total: Energy			1,894,983.88			1,894,983.88	0.00	0.0%	71.99%
Service Charge	1	14,184.10	14,184.10	1	14,226.13	14,226.13	42.03	0.3%	0.54%
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	1.4304	71,520.00	50,000	1.4346	71,730.00	210.00	0.3%	2.73%
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			85,704.10			85,956.13	252.03	0.3%	3.27%
Retail Transmission Rate – Network Service Rate	50,000	1.8058	90,290.00	50,000	2.0099	100,495.00	10,205.00	11.3%	3.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	50,000	0.7234	36,170.00	50,000	0.8336	41,680.00	5,510.00	15.2%	1.58%
Total: Retail Transmission			126,460.00			142,175.00	15,715.00	12.4%	5.40%
Sub-Total: Delivery (Distribution and Retail Transmission)			212,164.10			228,131.13	15,967.03	7.5%	8.67%
Wholesale Market Service Rate	29,153,702	0.0052	151,599.25	29,153,702	0.0052	151,599.25	0.00	0.0%	5.76%
Rural Rate Protection Charge	29,153,702	0.0010	29,153.70	29,153,702	0.0010	29,153.70	0.00	0.0%	1.11%
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			180,753.20			180,753.20	0.00	0.0%	6.87%
Debt Retirement Charge (DRC)	29,000,000	0.00700	203,000.01	29,000,000	0.00700	203,000.01	0.00	0.0%	7.71%
Total Bill before Taxes			2,490,901.19			2,506,868.22	15,967.03	0.6%	95.24%
GST	2,490,901.19	5%	124,545.06	2,506,868.22	5%	125,343.41	798.35	0.6%	4.76%
			2,615,446.25			2,632,211.63	16,765.38	0.6%	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		2,613,781	5,026,501	13,068,901	20,106,001	26,137,802
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	\$	169,889.01	\$	326,715.80	\$	849,471.78	\$	1,306,883.27	\$	1,698,950.32
Current Bill	\$	169,889.01	\$	326,715.80	\$	849,471.78	\$	1,306,883.27	\$	1,698,950.32
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		67.4%		69.2%		70.8%		70.8%		71.2%

Distribution

Applied For Bill	\$	21,399.13	\$	28,572.13	\$	50,091.13	\$	71,610.13	\$	85,956.13
Current Bill	\$	21,336.10	\$	28,488.10	\$	49,944.10	\$	71,400.10	\$	85,704.10
\$ Impact	\$	63.03	\$	84.03	\$	147.03	\$	210.03	\$	252.03
% Impact		0.3%		0.3%		0.3%		0.3%		0.3%
% of Total Bill		8.5%		6.0%		4.2%		3.9%		3.6%

Retail Transmission

Applied For Bill	\$	14,217.50	\$	28,435.00	\$	71,087.50	\$	113,740.00	\$	142,175.00
Current Bill	\$	12,646.00	\$	25,292.00	\$	63,230.00	\$	101,168.00	\$	126,460.00
\$ Impact	\$	1,571.50	\$	3,143.00	\$	7,857.50	\$	12,572.00	\$	15,715.00
% Impact		12.4%		12.4%		12.4%		12.4%		12.4%
% of Total Bill		5.6%		6.0%		5.9%		6.2%		6.0%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	35,616.63	\$	57,007.13	\$	121,178.63	\$	185,350.13	\$	228,131.13
Current Bill	\$	33,982.10	\$	53,780.10	\$	113,174.10	\$	172,568.10	\$	212,164.10
\$ Impact	\$	1,634.53	\$	3,227.03	\$	8,004.53	\$	12,782.03	\$	15,967.03
% Impact		4.8%		6.0%		7.1%		7.4%		7.5%
% of Total Bill		14.1%		12.1%		10.1%		10.0%		9.6%

Regulatory

Applied For Bill	\$	16,205.69	\$	31,164.56	\$	81,027.44	\$	124,657.46	\$	162,054.62
Current Bill	\$	16,205.69	\$	31,164.56	\$	81,027.44	\$	124,657.46	\$	162,054.62
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		6.4%		6.6%		6.8%		6.8%		6.8%

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		7.2%		7.4%		7.6%		7.6%		7.6%

GST

Applied For Bill	\$	11,995.57	\$	22,494.37	\$	57,133.89	\$	87,844.54	\$	113,556.80
Current Bill	\$	11,913.84	\$	22,333.02	\$	56,733.67	\$	87,205.44	\$	112,758.45
\$ Impact	\$	81.73	\$	161.35	\$	400.22	\$	639.10	\$	798.35
% Impact		0.7%		0.7%		0.7%		0.7%		0.7%
% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%

Total Bill

Applied For Bill	\$	251,906.90	\$	472,381.86	\$	1,199,811.74	\$	1,844,735.40	\$	2,384,692.88
Current Bill	\$	250,190.64	\$	468,993.48	\$	1,191,406.99	\$	1,831,314.27	\$	2,367,927.50
\$ Impact	\$	1,716.26	\$	3,388.38	\$	8,404.75	\$	13,421.13	\$	16,765.38
% Impact		0.7%		0.7%		0.7%		0.7%		0.7%



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Instructions

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

Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	12.58	12.62
Service Charge Rate Rider(s)	\$		
Distribution Volumetric Rate	\$/kWh	0.0090	0.0090
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037	0.0041
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0015	0.0017
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 1.0329

	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%	4.16%
Energy Second Tier (kWh)	9,579	0.0650	622.64	9,579	0.0650	622.64	0.00	0.0%	61.68%
Sub-Total: Energy			664.64			664.64	0.00	0.0%	65.84%
Service Charge	1	12.58	12.58	1	12.62	12.62	0.04	0.3%	1.25%
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	0.0090	90.00	10,000	0.0090	90.00	0.00	0.0%	8.92%
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			102.58			102.62	0.04	0.0%	10.17%
Retail Transmission Rate – Network Service Rate	10,329	0.0037	38.22	10,329	0.0041	42.35	4.13	10.8%	4.20%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,329	0.0015	15.49	10,329	0.0017	17.56	2.07	13.4%	1.74%
Total: Retail Transmission			53.71			59.91	6.20	11.5%	5.93%
Sub-Total: Delivery (Distribution and Retail Transmission)			156.29			162.53	6.24	4.0%	16.10%
Wholesale Market Service Rate	10,329	0.0052	53.71	10,329	0.0052	53.71	0.00	0.0%	5.32%
Rural Rate Protection Charge	10,329	0.0010	10.33	10,329	0.0010	10.33	0.00	0.0%	1.02%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.29			64.29	0.00	0.0%	6.37%
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	10,000	0.00700	70.00	0.00	0.0%	6.93%
Total Bill before Taxes			955.22			961.46	6.24	0.7%	95.24%
GST	955.22	5%	47.76	961.46	5%	48.07	0.31	0.6%	4.76%
			1,002.98			1,009.53	6.55	0.7%	100.00%

Rate Class Threshold Test

Unmetered Scattered Load

	kWh	500	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		517	5,165	10,329	15,494	20,658
kW						
Load Factor						

Energy

Applied For Bill	\$ 28.95	\$ 328.97	\$ 664.63	\$ 1,000.36	\$ 1,336.02
Current Bill	\$ 28.95	\$ 328.97	\$ 664.63	\$ 1,000.36	\$ 1,336.02
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	49.2%	64.8%	65.8%	66.2%	66.4%

Distribution

Applied For Bill	\$ 17.12	\$ 57.62	\$ 102.62	\$ 147.62	\$ 192.62
Current Bill	\$ 17.08	\$ 57.58	\$ 102.58	\$ 147.58	\$ 192.58
\$ Impact	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04
% Impact	0.2%	0.1%	0.0%	0.0%	0.0%
% of Total Bill	29.1%	11.3%	10.2%	9.8%	9.6%

Retail Transmission

Applied For Bill	\$ 3.00	\$ 29.96	\$ 59.91	\$ 89.87	\$ 119.82
Current Bill	\$ 2.69	\$ 26.86	\$ 53.71	\$ 80.57	\$ 107.42
\$ Impact	\$ 0.31	\$ 3.10	\$ 6.20	\$ 9.30	\$ 12.40
% Impact	11.5%	11.5%	11.5%	11.5%	11.5%
% of Total Bill	5.1%	5.9%	5.9%	5.9%	6.0%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 20.12	\$ 87.58	\$ 162.53	\$ 237.49	\$ 312.44
Current Bill	\$ 19.77	\$ 84.44	\$ 156.29	\$ 228.15	\$ 300.00
\$ Impact	\$ 0.35	\$ 3.14	\$ 6.24	\$ 9.34	\$ 12.44
% Impact	1.8%	3.7%	4.0%	4.1%	4.1%
% of Total Bill	34.2%	17.2%	16.1%	15.7%	15.5%

Regulatory

Applied For Bill	\$ 3.46	\$ 32.28	\$ 64.29	\$ 96.31	\$ 128.33
Current Bill	\$ 3.46	\$ 32.28	\$ 64.29	\$ 96.31	\$ 128.33
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.9%	6.4%	6.4%	6.4%	6.4%

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	5.9%	6.9%	6.9%	6.9%	7.0%

GST

Applied For Bill	\$ 2.80	\$ 24.19	\$ 48.07	\$ 71.96	\$ 95.84
Current Bill	\$ 2.78	\$ 24.03	\$ 47.76	\$ 71.49	\$ 95.22
\$ Impact	\$ 0.02	\$ 0.16	\$ 0.31	\$ 0.47	\$ 0.62
% Impact	0.7%	0.7%	0.6%	0.7%	0.7%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 58.83	\$ 508.02	\$ 1,009.52	\$ 1,511.12	\$ 2,012.63
Current Bill	\$ 58.46	\$ 504.72	\$ 1,002.97	\$ 1,501.31	\$ 1,999.57
\$ Impact	\$ 0.37	\$ 3.30	\$ 6.55	\$ 9.81	\$ 13.06
% Impact	0.6%	0.7%	0.7%	0.7%	0.7%

Rounding Applied -0.010000
Rounding Current -0.010000



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Instructions

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

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.78	0.78
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	4.3911	4.4039
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.1684	1.3004
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.4681	0.5394
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 1.0329

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	186	0.0560	10.42	186	0.0560	10.42	0.00	0.0%	49.34%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.42			10.42	0.00	0.0%	49.34%
Service Charge	1	0.78	0.78	1	0.78	0.78	0.00	0.0%	3.69%
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	4.3911	4.39	1	4.4039	4.40	0.01	0.2%	20.83%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			5.17			5.18	0.01	0.2%	24.53%
Retail Transmission Rate – Network Service Rate	1	1.1684	1.17	1	1.3004	1.30	0.13	11.1%	6.16%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	0.4681	0.47	1	0.5394	0.54	0.07	14.9%	2.56%
Total: Retail Transmission			1.64			1.84	0.20	12.2%	8.71%
Sub-Total: Delivery (Distribution and Retail Transmission)			6.81			7.02	0.21	3.1%	33.24%
Wholesale Market Service Rate	186	0.0052	0.97	186	0.0052	0.97	0.00	0.0%	4.59%
Rural Rate Protection Charge	186	0.0010	0.19	186	0.0010	0.19	0.00	0.0%	0.90%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.18%
Sub-Total: Regulatory			1.41			1.41	0.00	0.0%	6.68%
Debt Retirement Charge (DRC)	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	5.97%
Total Bill before Taxes			19.90			20.11	0.21	1.1%	95.22%
GST	19.90	5%	1.00	20.11	5%	1.01	0.01	1.0%	4.78%
			20.90			21.12	0.22	1.1%	100.00%

Rate Class Threshold Test

Street Lighting

	kWh	70	130	180	270	360
Loss Factor Adjusted kWh		73	135	186	279	372
	kW	0.20	0.35	0.50	0.75	1.00
	Load Factor	0.48	0.51	0.49	0.49	0.49

Energy

Applied For Bill	\$ 4.09	\$ 7.56	\$ 10.42	\$ 15.62	\$ 20.83
Current Bill	\$ 4.09	\$ 7.56	\$ 10.42	\$ 15.62	\$ 20.83
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	31.7%	43.4%	49.3%	56.1%	60.3%

Distribution

Applied For Bill	\$ 5.18	\$ 5.18	\$ 5.18	\$ 5.18	\$ 5.18
Current Bill	\$ 5.17	\$ 5.17	\$ 5.17	\$ 5.17	\$ 5.17
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	0.2%	0.2%	0.2%	0.2%	0.2%
% of Total Bill	40.1%	29.8%	24.5%	18.6%	15.0%

Retail Transmission

Applied For Bill	\$ 1.84	\$ 1.84	\$ 1.84	\$ 1.84	\$ 1.84
Current Bill	\$ 1.64	\$ 1.64	\$ 1.64	\$ 1.64	\$ 1.64
\$ Impact	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20
% Impact	12.2%	12.2%	12.2%	12.2%	12.2%
% of Total Bill	14.2%	10.6%	8.7%	6.6%	5.3%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 7.02	\$ 7.02	\$ 7.02	\$ 7.02	\$ 7.02
Current Bill	\$ 6.81	\$ 6.81	\$ 6.81	\$ 6.81	\$ 6.81
\$ Impact	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
% Impact	3.1%	3.1%	3.1%	3.1%	3.1%
% of Total Bill	54.3%	40.3%	33.2%	25.2%	20.3%

Regulatory

Applied For Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.98	\$ 2.55
Current Bill	\$ 0.70	\$ 1.09	\$ 1.41	\$ 1.98	\$ 2.55
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.4%	6.3%	6.7%	7.1%	7.4%

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	3.8%	5.2%	6.0%	6.8%	7.3%

GST

Applied For Bill	\$ 0.62	\$ 0.83	\$ 1.01	\$ 1.33	\$ 1.65
Current Bill	\$ 0.60	\$ 0.82	\$ 1.00	\$ 1.32	\$ 1.64
\$ Impact	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	3.3%	1.2%	1.0%	0.8%	0.6%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 12.92	\$ 17.41	\$ 21.12	\$ 27.84	\$ 34.57
Current Bill	\$ 12.69	\$ 17.19	\$ 20.90	\$ 27.62	\$ 34.35
\$ Impact	\$ 0.23	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
% Impact	1.8%	1.3%	1.1%	0.8%	0.6%



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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



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

Customer Administration

	Metric	Current
Returned cheque charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	10.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

Non-Payment of Account

	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Disconnect/Reconnect at meter - during regular hours	\$	45.00
Disconnect/Reconnect at meter - after regular hours	\$	75.00
Disconnect/Reconnect at pole - during regular hours	\$	95.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

Other

	Metric	Current
Service call - after regular hours	\$	105.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	



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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

STANDARD \$1.00 SMART METER FUNDING ADDER REQUEST

On January 29, 2007, the Ontario Energy Board (the “Board”) issued its Report of the Board on 2nd Generation Incentive Regulation for Ontario Electricity Distributors – Addendum for Smart Metering Rates. In Chapter 5 – Rate Adders for Electricity Distribution Rates, the Board defined three (3) categories of distributors for the purposes of considering its treatment of smart metering rate adders. The categories were as follows:

- ✓ Named distributors – distributors who, by way of Ontario Regulation 427/06, were authorized to actively pursue discretionary metering activities.
- ✓ Active distributors – distributors who, at the time of filings their Smart Metering Investment Plan with the Board in December 2006, were planning to pursue smart metering activities in 2007.
- ✓ Inactive distributors – distributors who indicated to the Board they would not be undertaking any smart metering activities until at least 2008.

Kitchener-Wilmot Hydro Inc. (“KWHI”) was included in the list of inactive distributors and the standard smart metering funding adder of \$0.27 per month per metered customer was approved in its electricity distribution rates effective May 1, 2006 (EB-2005-0386). This same rate adder has also been Board approved in KWHI’s 2007 and 2008 electricity distribution rate applications (EB-2007-0549 and EB-2007-0883).

In 2008, KWHI became authorized by regulation (O. Reg. 427/06) to conduct smart meter activities, conditional on its meters being acquired pursuant to and in compliance with the Request for Proposal issued by London Hydro Inc. KWHI is now an active distributor for the purposes of smart meter installations and plans to deploy and install the majority of its smart meters (90%) in 2009. KWHI is therefore requesting that the Board approve the standard \$1.00 smart meter funding adder in its 2009 electricity distribution rates.



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On October 22, 2008, the Board issued G-2008-0002 Guideline for Smart Meter Funding and Cost Recovery. In accordance with that guideline, KWHI submits the following information in support of its application for the \$1.00 standard smart meter funding adder:

Number of Smart Meters to be installed by year-end 2009 74,000

2009 Capital		2009 Operating		2009 Total Cost per Smart Meter	
Per Unit	Total	Per Unit	Total	Per Unit	Total
\$ 160.77	\$ 11,896,980	\$ 4.67	\$ 345,580	\$ 165.44	\$ 12,242,560

KWHI does not have all of the contractual arrangements in place at this time. Negotiations are currently in progress. The above preliminary total cost estimate includes smart meter unit costs, installation, infrastructure, communications, meter base repairs and OM&A. It does not include the cost of funds, inflation or MDMR operating costs.

- ✓ KWHI expects that it will purchase smart meters and advanced metering infrastructure (“AMI”), at no additional cost to the Corporation or to its customers, that have a minimum functionality that exceeds the minimum functionality adopted in O. Reg. 425/06.
- ✓ KWHI does not expect to incur costs associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07. We are undertaking activities to test and commission the AMI systems and do not intend to duplicate the expected SME activities

Respectfully submitted,

Original Signed By

J. Van Ooteghem, P.Eng.
 President & CEO