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November 21, 2008

Kirsten Walli
Board Secretary
Ontario Energy Board
PO Box 2319
27th Floor
2300 Yonge Street
Toronto, ON M4P 1E4

**Re: North Bay Hydro Distribution Limited 2009 IRM Rate Application
Board File Number EB-2008-0202**

Dear Ms. Walli:

This letter acknowledges receipt of the Board's letter of November 21, 2008 advising NBHDL the 2009 2nd Generation IRM Application cannot be processed as submitted without removing the request to update loss factors. Attached please find a revised application.

Yours truly,

A handwritten signature in black ink, appearing to read "Todd Wilcox", written over a horizontal line.

Todd Wilcox
President & Chief Operating Officer

2009 2nd GIRM – North Bay Hydro Distribution Limited
ED-2003-0024; EB-2008-0202 (2008 IRM)
Manager's Summary

2009 2nd GIRM Model

North Bay Hydro Distribution Limited (NBHDL) is applying for rate order approval of 2009 Tariff of Rates and Charges (Appendix A) as calculated using the OEB's 2009 2nd GIRM model with requisite inputs.

Price Cap adjustment and fixed X factor

The Board has determined that the GDP-IPI for the 2009 Rate application is 2.1%. As such, NBHDL has used the default value as found in the current version of the 2009 2nd GIRM model. NBHDL is aware that this value will be updated with the final 2008 data when published by Statistics Canada around the beginning of March 2009. The GDP-IPI will be adjusted downward for an improvement X factor of 1%.

K-Factor adjustment

Beginning in 2008 the Board mandated an adjustment to transition to the deemed capital structure of 60% debt and 40% equity. In this regard NBHDL, as a small utility, is applying a K factor downward adjustment of .7% based on a transitional ratio of 56.7% debt and 43.3% equity.

Tax Rate Adjustment

As the result of the federal government announced in an Economic Statement on October 20, 2007 that the federal income tax rates for corporations would be reduced effective January 1, 2008, the Board made changes to the IRM application process. The 2009 price cap will be adjusted to reflect the new income tax rates. A federal tax rate adjustment of -.2% is applied to the 2009 rates to address the change in federal income tax rates.

Smart Meter Funding Adder

NBHDL currently includes a fixed monthly smart meter rider of \$.26 per metered customer in accordance with NBHDL's 2008 rate order. NBHDL is part of a group of northern utilities that are working cooperatively in accordance with the London Hydro smart metering protocol. An integrated plan for all participating northern utilities has been developed and NBHDL smart meter install is scheduled to commence in July 2009. NBHDL is requesting a utility specific smart meter funding adder in the amount of \$1.89 per metered customer per month to replace the current \$.26. NBHDL's stranded meter costs of \$993,608 have not been included in the smart meter funding adder at this time. In accordance with the G-2008-0002 Guideline for Smart Meter Funding and Cost Recovery please find attached to this submission:

- smart meter funding adder model (Appendix B)
- smart meter plan with installation schedule (Appendix C)
- estimated costs in total and on a per meter basis (Appendix D)
- letter to Ministry of Energy and Infrastructure confirming procurement status for District #9 (Appendix E)
- estimated stranded meter costs (Appendix F)
- at this time NBHDL is not anticipating smart meter or AMI costs to support functionality that exceeds the minimum functionality adopted in O. Reg. 425/06.
- as part of NBHDL smart meter installation program a temporary MDM/R must be installed to verify meter and system functionality. The cost of this temporary MDM/R in 2009 is forecasted to be \$70,159.95. When the verification process is completed in 2009 NBHDL will then utilize the SME's MDM/R for billing and settlement purposes. The temporary MDM/R will then be utilized as an operational database to help NBHDL operate and manage its assets more effectively. The operating costs for this service are forecasted to be \$140,320 in 2010 and are not part of the smart meter funding adder.

Retail Transmission Service Rates

The OEB issued a guideline G-2008-0001 stating that the adjustment to the RTSRs for the 2009 rate year for distributors that file incentive regulation applications will be based only on the specific changes in the connection and network rates that were determined in the uniform transmission rates proceeding EB-2008-0113. NBHDL has adjusted the transformation network to a uniform percentage increase of 11% and transformation connection to a uniform percentage increase of 5% as per G-2008-0001 and 2009 FAQ's for LDC's under 2nd and 3rd generation incentive regulation mechanisms.

Bill Impacts on Distribution Rates

Based on the filing requirements of the Board, NBHDL is currently applying for adjustments to its distribution rates that will impact the distribution component of the average customer's bill as follows:

➤ Residential customer using 1,000 kWh per month	6.7% increase
➤ Small General Service using 2,000 kWh per month	3.3% increase
➤ General Service > 50 kW 40,000 kWh/100 kW	.5% increase
➤ General Service 3,000 to 4,999 kW 2,000,000 kWh/4,000kWh	.2% increase

These increases are reflective of the increase in the smart meter funding adder from \$.26 to \$1.89.

Cindy Tennant
Manager Finance – North Bay Hydro Distribution Limited



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How to Turn
on Macros



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

North Bay Hydro Distribution Limited

Applicant Service Area

Main

OEB Application Number

EB-2008-0202

LDC Licence Number

ED-2003-0024

Notice Publication Language

English/French

DRC Rate

0.00700

Customer Bills

12 per year

Distribution Demand Bill Determinant

kW

RTSR - Low Voltage

No

Contact Information

Name:

Cindy Tennant

Title:

Manager Finance

Phone Number:

705 474-8100 ext 310

E-Mail Address:

ctennant@northbayhydro.com

Please Note:

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

Copyright:

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

Sheet Name	Purpose of Sheet	
A1.1 LDC Information	Enter LDC Data	
A2.1 Table of Contents	Table of Contents	
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes - General	
B2.1 Curr&Appl Rt Class Unique	Set up Tariff Sheet Rate Classes - Unique	
C1.1 Smart Meters Rate Adder	Enter Smart Meter Rate Adder	
C2.1 Storm Damage Cost Recovery		0
C2.2 Regulatory Asset Recovery		0
C2.3 LV Wheeling		0
C3.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates - General Rate Classes	
C6.1 Curr Rates & Chgs Unique	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)	
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates - General Rate Classes	
C8.1 Base Dist Rates Unique	Calculation of Base Distribution Rates - Unique Rate Classes	
D1.1 K-factor Adjustment Wrksht	Enter 2006 EDR K-Factor Adjustment Data	
D1.2 K-factor Adjustment - Gen	Calculation of Adjustment to Rates for K-Factor - General Rate Class	
D1.3 K-factor Adjustment - Uniq	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class	
D2.1 Federal Tax Adjust Wrksht	Enter Federal Tax Adjustment Data	
D2.2 Federal Tax Adjustment Gen	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes	
D2.3 Federal Tax Adjustment Unq	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes	
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rates before Price Cap Adjustment - General Rate Classes	
E2.1 Rate Reb Base Dist Rts Unq	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes	
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 PrcCap Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
G2.1 AftPrcCap 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 Storm Damage 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	

<u>O1.1 Sum of Chgs To MSC&DX Gen</u>	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
<u>O1.2 Sum of Chgs To MSC&DX Uniq</u>	Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge
<u>O2.1 Calculation of Bill Impact</u>	Bill Impact Calculations
<u>P1.1 Curr&Appl For Allowances</u>	Enter Allowances from Current Tariff Sheets
<u>P2.1 Curr&Appl For Spc Srv Chg</u>	Enter Specific Service Charges from Current Tariff Sheets
<u>P3.1 Curr&Appl For Rtl Srv Chg</u>	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.)

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
RES	Residential	Continuing	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Continuing	Customer - 12 per year	kWh
GSGT50	General Service 50 to 2,999 kW	Continuing	Customer - 12 per year	kW
GSGT50	General Service 3,000 to 4,999 kW	Continuing	Customer - 12 per year	kW
USL	Unmetered Scattered Load	Continuing	Customer -12 per year	kWh
Sen	Sentinel Lighting	Continuing	Connection - 12 per year	kW
SL	Street Lighting	Continuing	Connection - 12 per year	kW
NA	Rate Class 8	NA	NA	NA
NA	Rate Class 9	NA	NA	NA
NA	Rate Class 10	NA	NA	NA
NA	Rate Class 11	NA	NA	NA
NA	Rate Class 12	NA	NA	NA
NA	Rate Class 13	NA	NA	NA
NA	Rate Class 14	NA	NA	NA
NA	Rate Class 15	NA	NA	NA
NA	Rate Class 16	NA	NA	NA
NA	Rate Class 17	NA	NA	NA
NA	Rate Class 18	NA	NA	NA
NA	Rate Class 19	NA	NA	NA
NA	Rate Class 20	NA	NA	NA
NA	Rate Class 21	NA	NA	NA
NA	Rate Class 22	NA	NA	NA
NA	Rate Class 23	NA	NA	NA
NA	Rate Class 24	NA	NA	NA
NA	Rate Class 25	NA	NA	NA



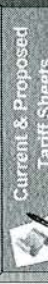
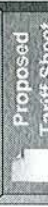
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Instructions

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
NA	Rate Class 26	NA	NA	NA
NA	Rate Class 27	NA	NA	NA
NA	Rate Class 28	NA	NA	NA
NA	Rate Class 29	NA	NA	NA
NA	Rate Class 30	NA	NA	NA
NA	Rate Class 31	NA	NA	NA
NA	Rate Class 32	NA	NA	NA
NA	Rate Class 33	NA	NA	NA
NA	Rate Class 34	NA	NA	NA
NA	Rate Class 35	NA	NA	NA



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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

Discontinuing

Metric Applied To

Metered Customers

Method of Application

Uniform Service Charge

Uniform Service Charge Amount

0.260000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.260000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.260000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.260000	Customer - 12 per year	0.000000	kW

Rate Rider

Storm Damage Cost Recovery

Sunset Date

30/04/2010

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Uniform Service Charge

Uniform Service Charge Amount

0.640000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	0.640000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	Yes	0.640000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW
Street Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW

Rate Rider

Regulatory Asset Recovery

Sunset Date

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider

LV Wheeling

Sunset Date

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



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Instructions

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

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	12.79
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0112
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
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	\$	21.96
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 2,999 kW

Rate Description	Metric	Rate
Service Charge	\$	311.66
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.1783
Retail Transmission Rate – Network Service Rate	\$/kW	1.7399
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5844
	\$/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

General Service 3,000 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	2,399.56
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	0.7321
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8457
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.7510
	\$/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	\$	21.75
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	1.98
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	6.9018
Retail Transmission Rate – Network Service Rate	\$/kW	1.3188
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2505
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.44
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.3570
Retail Transmission Rate – Network Service Rate	\$/kW	1.3122
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2248
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



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Instructions

No input required.

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

Service Charge

Class	Metric	Current Rates	Smart Meters Rate Adder	Current Base Rates
Residential	Customer - 12 per year	12.790000	0.260000	12.530000
General Service Less Than 50 kW	Customer - 12 per year	21.960000	0.260000	21.700000
General Service 50 to 2,999 kW	Customer - 12 per year	311.660000	0.260000	311.400000
General Service 3,000 to 4,999 kW	Customer - 12 per year	2,399.560000	0.260000	2,399.300000
Unmetered Scattered Load	Customer - 12 per year	21.750000	0.000000	21.750000
Sentinel Lighting	Connection - 12 per year	1.980000	0.000000	1.980000
Street Lighting	Connection - 12 per year	0.440000	0.000000	0.440000

Distribution Volumetric Rate

Class	Metric	Current Rates	Smart Meters Rate Adder	Current Base Rates
Residential	kWh	0.011200	0.000000	0.011200



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Bill Impacts Generator

Instructions

No input required.

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

Service Charge

Class

Metric Current Rates Current Base Rates

Distribution Volumetric Rate

Class

Metric Current Rates Current Base Rates



K-Factor Derivation Worksheet

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

Capital Structure Transition

Size of Utility (Rate Base)		Small (\$0, \$100M)		Med-Small (\$100M, \$250M)		Med-Large (\$250M, \$1B)		Large >=\$1B	
Year		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	5.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 36,301,921	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

Deemed Capital Structure

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

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	G	7%	= (E1 X B) + (E2 X A)	Weighted Average Cost of capital
2008	H	6.87%	= (F1 X B) + (F2 X A)	
2009	H1	6.73%	= (F1.2 X B) + (F2.2 X A)	

Return on Rate Base	I	\$ 2,541,134.47	= C X G / 100
2008	J	\$ 2,493,215.93	= C X H / 100
2009	J1	\$ 2,443,845.32	= C X H1 / 100

Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	K	\$ 7,245,392	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	L	\$ 9,786,110	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	M	\$ 119,348	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)
Revenue Requirement (before PILs)	N	\$ 9,786,526.47	= I + K
2006	O	\$ 9,738,607.93	= J + K
2009	O2	\$ 9,689,237.32	= J1 + K

Target Net Income (EBIT)			
2006	\$	1,633,588.45	$P1 = I - P2$
2008	\$	1,625,769.74	$Q1 = J - Q2$
2009	\$	1,414,685.86	$Q1.2 = J1 - Q2.2$

Interest Expense		
2006	\$ 907,548.03	$P2 = C \times (B \times E1 / 100)$
2008	\$ 967,446.19	$Q2 = C \times (B \times F1 / 100)$
2009	\$ 1,029,159.46	$Q2.2 = C \times (B \times F1.2 / 100)$

PILs Tax Rate	R	36.12%	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)
---------------	---	--------	---

Large Corporation Tax Allowance (if applicable) - grossed up	\$		(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$	107,048	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$	1,261,920	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	2006	\$ 2,050,753	AC
	2008	\$ 2,011,810	AD
	2009	\$ 1,971,686	AD1
Federal Tax (grossed up)	2006	\$ 1,150,598	V
	2008	\$ 1,137,548	W
	2009	\$ 1,114,861	W1

= AC * (R / 100) / (1 - R / 100)
= AD * (R / 100) / (1 - R / 100)
= AD1 * (R / 100) / (1 - R / 100)

Base Revenue Requirement Adjustment (Including PILs)

Revenue Requirement (less LCT)			(LCT is removed as it was removed in from rates in 2007 EDR)
2006	\$	11,053,142.38	X = N + V + T
2008	\$	10,983,203.88	Y = O + W + T
2009	\$	10,911,146.03	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	\$	9,905,458.00	Z	= L + M	
2008	\$	9,835,519.50	AA1	= Z + (Y - X)	
2009	\$	9,763,461.65	AA1.2	= Z + (Y2 - X)	
Difference	2008	\$	69,938.60	AA2	= AA1 - Z
	2009	\$	72,057.85	AA2.2	= AA1.2 - AA1
K-factor	2008		-0.7%	AB	= AA2 / Z
	2009		-0.7%	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

-0.700%

Uniform Volumetric Charge Percent

-0.700% kWh
-0.700% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	12.530000	Yes	-0.700%	0.087710
General Service Less Than 50 kW	Customer - 12 per year	21.700000	Yes	-0.700%	0.151900
General Service 50 to 2,999 kW	Customer - 12 per year	311.400000	Yes	-0.700%	2.179800
General Service 3,000 to 4,999 kW	Customer - 12 per year	2399.300000	Yes	-0.700%	16.795100
Unmetered Scattered Load	Customer - 12 per year	21.750000	Yes	-0.700%	0.152250
Sentinel Lighting	Connection - 12 per year	1.980000	Yes	-0.700%	0.013860
Street Lighting	Connection - 12 per year	0.440000	Yes	-0.700%	0.003080

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.011200	Yes	-0.700%	0.000078
General Service Less Than 50 kW	kWh	0.013900	Yes	-0.700%	0.000097
General Service 50 to 2,999 kW	kW	2.178300	Yes	-0.700%	0.015248
General Service 3,000 to 4,999 kW	kW	0.732100	Yes	-0.700%	0.005125
Unmetered Scattered Load	kWh	0.013900	Yes	-0.700%	0.000097
Sentinel Lighting	kW	6.901800	Yes	-0.700%	0.048313
Street Lighting	kW	2.357000	Yes	-0.700%	0.016499

D1.2 K-factor Adjustment - Gen



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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

-0.700%

Uniform Volumetric Charge Percent

-0.700% kWh
-0.700% kW

Monthly Service Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

Volumetric Distribution Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

Instructions

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

From 2006 PIL's Model

2006 Regulatory Taxable Income (K-Factor Cell H87)

2006 Corporate Income Tax Rate (K-Factor Cell E79)

Corporate PILs/Income Tax Provision for Test Year

Income Tax (grossed-up)

From 2006 EDR Model

2006 EDR Base Revenue Requirement From Distribution Rates

(K-Factor Cell E105)

Grossed up taxes as a % of Revenue Requirement

	2006	2008	2008 Adjustment	2009	2009 Adjustment
	2,050,753	A 2,050,753		2,050,753	
	36.12%	B 33.50%		33.00%	
	740,732	C = A * B 687,002		676,748	
	1,159,568	D = C / (1 - B) 1,033,086	-126,482	1,010,072	-23,014 ← 2009 Amount to be adjusted
	9,905,458	E 9,905,458		9,905,458	
	11.700%	F = D / E 10.400%	-1.300%	10.200%	-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

Metric Applied To

Method of Application

Uniform Service Charge Percent

Federal Tax Adjustment General

All Customers

Both Uniform%

-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
Residential	Customer - 12 per year	12.530000	Yes	-0.200%	0.025060

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



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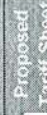
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Instructions

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 - General	Federal Tax Adjustment - General	Rate ReBal Base
Residential	Customer - 12 per year	12.530000	-0.087710	-0.025060	12.417230
General Service Less Than 50 kW	Customer - 12 per year	21.700000	-0.151900	-0.043400	21.504700
General Service 50 to 2,999 kW	Customer - 12 per year	311.400000	-2.179800	-0.622800	308.597400
General Service 3,000 to 4,999 kW	Customer - 12 per year	2,399.300000	-16.795100	-4.798600	2,377.706300
Unmetered Scattered Load	Customer -12 per year	21.750000	-0.152250	-0.043500	21.554250
Sentinel Lighting	Connection - 12 per year	1.980000	-0.013860	-0.003960	1.962180
Street Lighting	Connection - 12 per year	0.440000	-0.003080	-0.000880	0.436040

Volumetric Distribution Charge

Class	Metric	Base Rate	K-factor Adjustment - General	Federal Tax Adjustment - General	Rate ReBal Base
Residential	kWh	0.011200	-0.000078	-0.000022	0.011100
General Service Less Than 50 kW	kWh	0.013900	-0.000097	-0.000028	0.013775
General Service 50 to 2,999 kW	kW	2.178300	-0.015248	-0.004357	2.158695
General Service 3,000 to 4,999 kW	kW	0.732100	-0.005125	-0.001464	0.725511
Unmetered Scattered Load	kWh	0.013900	-0.000097	-0.000028	0.013775
Sentinel Lighting	kW	6.901800	-0.048313	-0.013804	6.839683
Street Lighting	kW	2.357000	-0.016499	-0.004714	2.335787

Instructions

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

No input required.

Monthly Service Charge

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

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



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

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	12.417230	Yes	1.100%	0.136590
General Service Less Than 50 kW	Customer - 12 per year	21.504700	Yes	1.100%	0.236552
General Service 50 to 2,999 kW	Customer - 12 per year	308.597400	Yes	1.100%	3.394571
General Service 3,000 to 4,999 kW	Customer - 12 per year	2377.706300	Yes	1.100%	26.154769
Unmetered Scattered Load	Customer - 12 per year	21.554250	Yes	1.100%	0.237097
Sentinel Lighting	Connection - 12 per year	1.962180	Yes	1.100%	0.021584
Street Lighting	Connection - 12 per year	0.436040	Yes	1.100%	0.004796

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.011100	Yes	1.100%	0.000122
General Service Less Than 50 kW	kWh	0.013775	Yes	1.100%	0.000152
General Service 50 to 2,999 kW	kW	2.158695	Yes	1.100%	0.023746
General Service 3,000 to 4,999 kW	kW	0.725511	Yes	1.100%	0.007981
Unmetered Scattered Load	kWh	0.013775	Yes	1.100%	0.000152
Sentinel Lighting	kW	6.839683	Yes	1.100%	0.075237
Street Lighting	kW	2.335787	Yes	1.100%	0.025694

F1.2 Price Cap Adjustment - Gen



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

Volumetric Distribution Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base



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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

Class	Metric	Base Rate	Price Cap Adjustment - General	After Price Cap Base
Residential	Customer - 12 per year	12.417230	0.136590	12.553820
General Service Less Than 50 kW	Customer - 12 per year	21.504700	0.236552	21.741252
General Service 50 to 2,999 kW	Customer - 12 per year	308.597400	3.394571	311.991971
General Service 3,000 to 4,999 kW	Customer - 12 per year	2377.706300	26.154769	2403.861069
Unmetered Scattered Load	Customer -12 per year	21.554250	0.237097	21.791347
Sentinel Lighting	Connection - 12 per year	1.962180	0.021584	1.983764
Street Lighting	Connection - 12 per year	0.436040	0.004796	0.440836

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment - General	After Price Cap Base
Residential	kWh	0.011100	0.000122	0.011222
General Service Less Than 50 kW	kWh	0.013775	0.000152	0.013927
General Service 50 to 2,999 kW	kW	2.158695	0.023746	2.182441
General Service 3,000 to 4,999 kW	kW	0.725511	0.007981	0.733492
Unmetered Scattered Load	kWh	0.013775	0.000152	0.013927
Sentinel Lighting	kW	6.839683	0.075237	6.914920
Street Lighting	kW	2.335787	0.025694	2.361481



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Current Tariff Sheet



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Bill Impacts Generator

Instructions

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

No input required.

Monthly Service Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cape Base

Volumetric Distribution Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cape Base

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	1.890000

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential		1.890000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.890000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	Yes	1.890000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	Yes	1.890000	Customer - 12 per year	0.000000	kW

Rate Rider	Storm Damage Cost Recovery					
Sunset Date	30/04/2010					
	DD/MM/YYYY					
Metric Applied To	All Customers					
Method of Application	Uniform Service Charge					
Uniform Service Charge Amount	0.640000					
Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric	
Residential	Yes	0.640000	Customer - 12 per year	0.000000	kWh	
General Service Less Than 50 kW	Yes	0.640000	Customer - 12 per year	0.000000	kWh	
General Service 50 to 2,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW	
General Service 3,000 to 4,999 kW	Yes	0.640000	Customer - 12 per year	0.000000	kW	
Unmetered Scattered Load	Yes	0.640000	Customer -12 per year	0.000000	kWh	
Sentinel Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW	
Street Lighting	Yes	0.640000	Connection - 12 per year	0.000000	kW	

Rate Rider Regulatory Asset Recovery

Sunset Date DD/MM/YYYY

Metric Applied To All Customers

Method of Application Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer - 12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

Rate Rider

LV Wheeling

Sunset Date

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	No	0.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 2,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
General Service 3,000 to 4,999 kW	No	0.000000	Customer - 12 per year	0.000000	kW
Unmetered Scattered Load	No	0.000000	Customer -12 per year	0.000000	kWh
Sentinel Lighting	No	0.000000	Connection - 12 per year	0.000000	kW
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW

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Instructions

This worksheet shows the derivation of the Final distribution rates for all general classes.
No input required.

Monthly Service Charge

Class	Metric	Base Rate	Smart Meters Rate Adder	Final Base
Residential	Customer - 12 per year	12.553820	1.890000	14.443820
General Service Less Than 50 kW	Customer - 12 per year	21.741252	1.890000	23.631252
General Service 50 to 2,999 kW	Customer - 12 per year	311.991971	1.890000	313.881971
General Service 3,000 to 4,999 kW	Customer - 12 per year	2,403.861069	1.890000	2,405.751069
Unmetered Scattered Load	Customer - 12 per year	21.791347	0.000000	21.791347
Sentinel Lighting	Connection - 12 per year	1.983764	0.000000	1.983764
Street Lighting	Connection - 12 per year	0.440836	0.000000	0.440836

Volumetric Distribution Charge

Class	Metric	Base Rate	Smart Meters Rate Adder	Final Base
Residential	kWh	0.011222	0.000000	0.011222
General Service Less Than 50 kW	kWh	0.013927	0.000000	0.013927
General Service 50 to 2,999 kW	kW	2.182441	0.000000	2.182441
General Service 3,000 to 4,999 kW	kW	0.733492	0.000000	0.733492
Unmetered Scattered Load	kWh	0.013927	0.000000	0.013927
Sentinel Lighting	kW	6.914920	0.000000	6.914920
Street Lighting	kW	2.361481	0.000000	2.361481

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>
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Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
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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		11.000%			
Rate Class		Applied to Class			
Residential		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kWh	0.004700	11.000%	0.000517
					Final Amount
					0.005217
Rate Class		Applied to Class			
General Service Less Than 50 kW		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kWh	0.004300	11.000%	0.000473
					Final Amount
					0.004773
Rate Class		Applied to Class			
General Service 50 to 2,999 kW		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kW	1.739900	11.000%	0.191389
					Final Amount
					1.931289
Rate Class		Applied to Class			
General Service 3,000 to 4,999 kW		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate – Interval metered		\$/kW	1.845700	11.000%	0.203027
					Final Amount
					2.048727
Rate Class		Applied to Class			
Unmetered Scattered Load		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kWh	0.004300	11.000%	0.000473
					Final Amount
					0.004773
Rate Class		Applied to Class			
Sentinel Lighting		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kW	1.318800	11.000%	0.145068
					Final Amount
					1.463868
Rate Class		Applied to Class			
Street Lighting		Yes			
Rate Description		Vol Metric	Current Amount	% Adjustment	\$ Adjustment
Retail Transmission Rate – Network Service Rate		\$/kW	1.312200	11.000%	0.144342
					Final Amount
					1.456542

Method of Application

Uniform Percentage

Uniform Percentage

0.000%



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

Rate Class	Method of Application		Current Amount				Final Amount			
	Uniform Percentage	Applied to Class	Vol Metric	% Adjustment	\$ Adjustment		Vol Metric	% Adjustment	\$ Adjustment	
Residential	5.000%	Yes	\$/kWh	5.000%	0.004500	0.000225		5.000%	0.000225	0.004725
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										
Rate Class										
General Service Less Than 50 kW										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										
Rate Class										
General Service 50 to 2,999 kW										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										
Rate Class										
General Service 3,000 to 4,999 kW										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered										
Rate Class										
Unmetered Scattered Load										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										
Rate Class										
Sentinel Lighting										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										
Rate Class										
Street Lighting										
Rate Description										
Retail Transmission Rate – Line and Transformation Connection Service Rate										



Method of Application

Uniform Percentage

Uniform Percentage

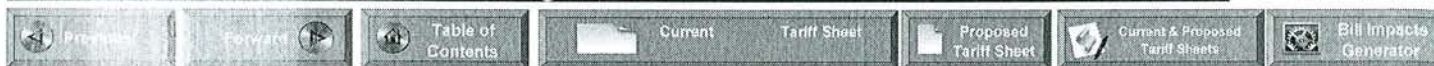
0.000%



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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	\$	14.44
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0112
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
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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Proposed
Tariff Sheet



Current & Proposed
Tariff Sheets



Bill Impacts
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Instructions

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

No input required.

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

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

Current
1.0387
1.0283



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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	12.79	0.0112
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.09	-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	1.89	0.0000
Applied For Rates	14.44	0.0112
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
General Service Less Than 50 kW		
Current Rates	21.98	0.0139
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.15	-0.0001
Federal Tax Adjustment General	-0.04	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.24	0.0002
Smart Meters Rate Adder	1.89	0.0000
Applied For Rates	23.63	0.0139
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
General Service 50 to 2,999 kW		
Current Rates	311.66	2.1783
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-2.18	-0.0152
Federal Tax Adjustment General	-0.62	-0.0044
Price Cap Adj		
Price Cap Adjustment - General	3.39	0.0237
Smart Meters Rate Adder	1.89	0.0000
Applied For Rates	313.88	2.1824
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
General Service 3,000 to 4,999 kW		
Current Rates	2,399.56	0.7321
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-16.80	-0.0051
Federal Tax Adjustment General	-4.80	-0.0015
Price Cap Adj		
Price Cap Adjustment - General	26.15	0.0080
Smart Meters Rate Adder	1.89	0.0000
Applied For Rates	2,405.75	0.7335
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
Unmetered Scattered Load		
Current Rates	21.75	0.0139
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.15	-0.0001
Federal Tax Adjustment General	-0.04	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.24	0.0002
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	21.79	0.0139
	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Rates	1.98	6.9018
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	-0.0483
Federal Tax Adjustment General	0.00	-0.0138
Price Cap Adj		
Price Cap Adjustment - General	0.02	0.0752
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.98	6.9149
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Rates	0.44	2.3570
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0165
Federal Tax Adjustment General	0.00	-0.0047
Price Cap Adj		
Price Cap Adjustment - General	0.00	0.0257
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	0.44	2.3615
	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


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Proposed 2018 Sheet

Current Rate Sheet

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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	\$	12.79	14.44
Service Charge Rate Rider(s)	\$	0.64	0.64
Distribution Volumetric Rate	\$/kWh	0.0112	0.0112
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045	0.0047
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

RPP Tier One

Loss Factor 1.0387

	1,000 kWh	600 kWh	kWh	- kW
	1,000	600	kWh	Load Factor

	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%	28.47%
Energy Second Tier (kWh)	439	0.0650	28.54	439	0.0650	28.54	0.00	0.0%	24.18%
Sub-Total: Energy			62.14			62.14	0.00	0.0%	52.65%
Service Charge	1	12.79	12.79	1	14.44	14.44	1.65	12.9%	12.24%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.54%
Distribution Volumetric Rate	1,000	0.0112	11.20	1,000	0.0112	11.20	0.00	0.0%	9.49%
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			24.63			24.63	1.65	6.7%	22.27%
Retail Transmission Rate – Network Service Rate	1,039	0.0047	4.88	1,039	0.0052	5.40	0.52	10.7%	4.58%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,039	0.0045	4.68	1,039	0.0047	4.88	0.20	4.3%	4.14%
Total: Retail Transmission			9.56			10.28	0.72	7.5%	8.71%
Sub-Total: Delivery (Distribution and Retail Transmission)			34.19			36.56	2.37	6.9%	30.98%
Wholesale Market Service Rate	1,039	0.0052	5.40	1,039	0.0052	5.40	0.00	0.0%	4.58%
Rural Rate Protection Charge	1,039	0.0010	1.04	1,039	0.0010	1.04	0.00	0.0%	0.88%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.21%
Sub-Total: Regulatory			6.69			6.69	0.00	0.0%	5.67%
Debt Retirement Charge (DRC)	1,000	0.00700	7.00	1,000	0.00700	7.00	0.00	0.0%	5.93%
Total Bill before Taxes			110.02			112.39	2.37	2.2%	95.24%
GST	110.02	5%	5.50	112.39	5%	5.62	0.12	2.2%	4.76%
			115.52			118.01	2.49	2.2%	100.00%

Rate Class Threshold Test
Residential

	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	260	624	1,039	1,662	2,338	
Load Factor	kW					

Energy

Applied For Bill	\$ 14.56	\$ 35.16	\$ 62.13	\$ 102.63	\$ 146.57
Current Bill	\$ 14.56	\$ 35.16	\$ 62.13	\$ 102.63	\$ 146.57
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	35.9%	46.9%	52.7%	56.2%	58.0%

Distribution

Applied For Bill	\$ 17.88	\$ 21.80	\$ 26.28	\$ 33.00	\$ 40.28
Current Bill	\$ 16.23	\$ 20.15	\$ 24.63	\$ 31.35	\$ 38.63
\$ Impact	\$ 1.65	\$ 1.65	\$ 1.65	\$ 1.65	\$ 1.65
% Impact	10.2%	8.2%	6.7%	5.3%	4.3%
% of Total Bill	44.1%	29.1%	22.3%	18.1%	16.0%

Retail Transmission

Applied For Bill	\$ 2.57	\$ 6.17	\$ 10.28	\$ 16.45	\$ 23.15
Current Bill	\$ 2.39	\$ 5.74	\$ 9.56	\$ 15.29	\$ 21.51
\$ Impact	\$ 0.18	\$ 0.43	\$ 0.72	\$ 1.16	\$ 1.64
% Impact	7.5%	7.5%	7.5%	7.6%	7.8%
% of Total Bill	6.3%	8.2%	8.7%	9.0%	9.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 20.45	\$ 27.97	\$ 36.56	\$ 49.45	\$ 63.43
Current Bill	\$ 18.62	\$ 25.89	\$ 34.19	\$ 46.64	\$ 60.14
\$ Impact	\$ 1.83	\$ 2.08	\$ 2.37	\$ 2.81	\$ 3.29
% Impact	9.8%	8.0%	6.9%	6.0%	5.5%
% of Total Bill	50.4%	37.3%	31.0%	27.1%	25.1%

Regulatory

Applied For Bill	\$ 1.86	\$ 4.11	\$ 6.69	\$ 10.55	\$ 14.75
Current Bill	\$ 1.86	\$ 4.11	\$ 6.69	\$ 10.55	\$ 14.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.6%	5.5%	5.7%	5.8%	5.8%

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	4.3%	5.6%	5.9%	6.1%	6.2%

GST

Applied For Bill	\$ 1.93	\$ 3.57	\$ 5.62	\$ 8.69	\$ 12.03
Current Bill	\$ 1.84	\$ 3.47	\$ 5.50	\$ 8.55	\$ 11.86
\$ Impact	\$ 0.09	\$ 0.10	\$ 0.12	\$ 0.14	\$ 0.17
% Impact	4.9%	2.9%	2.2%	1.6%	1.4%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 40.55	\$ 75.01	\$ 118.00	\$ 182.52	\$ 252.63
Current Bill	\$ 38.63	\$ 72.83	\$ 115.51	\$ 179.57	\$ 249.07
\$ Impact	\$ 1.92	\$ 2.18	\$ 2.49	\$ 2.95	\$ 3.46
% Impact	5.0%	3.0%	2.2%	1.6%	1.4%

Rounding Applied
Rounding Current

-0.010000
-0.010000

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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		
Service Charge	Metric	Current Rate
Service Charge Rate Rider(s)	\$	21.96
Distribution Volumetric Rate	\$	0.64
Distribution Volumetric Rate Rider(s)	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Consumption	10,000 kWh		- kW	
	Volume	RATE \$	CHARGE \$	Load Factor
RPP Tier One	750	0.0560	42.00	

Loss Factor 1.0387

Consumption	10,000 kWh		- kW	
	Volume	RATE \$	CHARGE \$	Load Factor
Energy First Tier (kWh)	750	0.0560	42.00	
Energy Second Tier (kWh)	9,637	0.0650	626.41	
Sub-Total: Energy			668.41	
Service Charge	1	21.96	21.96	
Service Charge Rate Rider(s)	1	0.64	0.64	
Distribution Volumetric Rate	10,000	0.0139	139.00	
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	
Total: Distribution			161.60	
Retail Transmission Rate – Network Service Rate	10,387	0.0043	44.66	
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,387	0.0040	41.55	
Total: Retail Transmission			86.21	
Sub-Total: Delivery (Distribution and Retail Transmission)			247.81	
Wholesale Market Service Rate	10,387	0.0052	54.01	
Rural Rate Protection Charge	10,387	0.0010	10.39	
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	
Sub-Total: Regulatory			64.65	
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	
Total Bill before Taxes			1,050.87	
GST	1,050.87	5%	52.54	
			1,103.41	

Consumption	10,000 kWh		- kW	
	Volume	RATE \$	CHARGE \$	Load Factor
Energy First Tier (kWh)	750	0.0560	42.00	
Energy Second Tier (kWh)	9,637	0.0650	626.41	
Sub-Total: Energy			668.41	
Service Charge	1	21.96	21.96	
Service Charge Rate Rider(s)	1	0.64	0.64	
Distribution Volumetric Rate	10,000	0.0139	139.00	
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	
Total: Distribution			163.27	
Retail Transmission Rate – Network Service Rate	10,387	0.0048	49.86	
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,387	0.0042	43.63	
Total: Retail Transmission			93.49	
Sub-Total: Delivery (Distribution and Retail Transmission)			256.76	
Wholesale Market Service Rate	10,387	0.0052	54.01	
Rural Rate Protection Charge	10,387	0.0010	10.39	
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	
Sub-Total: Regulatory			64.65	
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	
Total Bill before Taxes			1,059.82	
GST	1,059.82	5%	52.99	
			1,112.81	

Consumption	10,000 kWh		- kW	
	Volume	RATE \$	CHARGE \$	Load Factor
Energy First Tier (kWh)	750	0.0560	42.00	
Energy Second Tier (kWh)	9,637	0.0650	626.41	
Sub-Total: Energy			668.41	
Service Charge	1	21.96	21.96	
Service Charge Rate Rider(s)	1	0.64	0.64	
Distribution Volumetric Rate	10,000	0.0139	139.00	
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	
Total: Distribution			163.27	
Retail Transmission Rate – Network Service Rate	10,387	0.0048	49.86	
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,387	0.0042	43.63	
Total: Retail Transmission			93.49	
Sub-Total: Delivery (Distribution and Retail Transmission)			256.76	
Wholesale Market Service Rate	10,387	0.0052	54.01	
Rural Rate Protection Charge	10,387	0.0010	10.39	
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	
Sub-Total: Regulatory			64.65	
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	
Total Bill before Taxes			1,059.82	
GST	1,059.82	5%	52.99	
			1,112.81	

Consumption	10,000 kWh		- kW	
	Volume	RATE \$	CHARGE \$	Load Factor
Energy First Tier (kWh)	750	0.0560	42.00	
Energy Second Tier (kWh)	9,637	0.0650	626.41	
Sub-Total: Energy			668.41	
Service Charge	1	21.96	21.96	
Service Charge Rate Rider(s)	1	0.64	0.64	
Distribution Volumetric Rate	10,000	0.0139	139.00	
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	
Total: Distribution			163.27	
Retail Transmission Rate – Network Service Rate	10,387	0.0048	49.86	
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,387	0.0042	43.63	
Total: Retail Transmission			93.49	
Sub-Total: Delivery (Distribution and Retail Transmission)			256.76	
Wholesale Market Service Rate	10,387	0.0052	54.01	
Rural Rate Protection Charge	10,387	0.0010	10.39	
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	
Sub-Total: Regulatory			64.65	
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	
Total Bill before Taxes			1,059.82	
GST	1,059.82	5%	52.99	
			1,112.81	

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	1,039	5,194	10,387	15,581	20,774
	kW					
Load Factor						

Energy

Applied For Bill	\$	60.78	\$	330.86	\$	668.40	\$	1,006.01	\$	1,343.56
Current Bill	\$	60.78	\$	330.86	\$	668.40	\$	1,006.01	\$	1,343.56
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		47.5%		58.5%		60.1%		60.6%		60.9%

Distribution

Applied For Bill	\$	38.17	\$	93.77	\$	163.27	\$	232.77	\$	302.27
Current Bill	\$	38.17	\$	93.77	\$	163.27	\$	232.77	\$	302.27
\$ Impact	\$	1.67	\$	1.67	\$	1.67	\$	1.67	\$	1.67
% Impact		4.6%		1.8%		1.0%		0.7%		0.6%
% of Total Bill		29.8%		16.6%		14.7%		14.0%		13.7%

Retail Transmission

Applied For Bill	\$	9.35	\$	46.74	\$	93.49	\$	140.23	\$	186.97
Current Bill	\$	9.35	\$	46.74	\$	93.49	\$	140.23	\$	186.97
\$ Impact	\$	0.72	\$	3.63	\$	7.28	\$	10.91	\$	14.54
% Impact		8.3%		8.4%		8.4%		8.4%		8.4%
% of Total Bill		7.3%		8.3%		8.4%		8.4%		8.5%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$	47.52	\$	140.51	\$	256.76	\$	373.00	\$	489.24
Current Bill	\$	47.52	\$	140.51	\$	256.76	\$	373.00	\$	489.24
\$ Impact	\$	2.39	\$	5.30	\$	8.95	\$	12.58	\$	16.21
% Impact		5.3%		3.9%		3.6%		3.5%		3.4%
% of Total Bill		37.1%		24.8%		23.1%		22.5%		22.2%

Regulatory

Applied For Bill	\$	6.69	\$	32.45	\$	64.65	\$	96.85	\$	129.04
Current Bill	\$	6.69	\$	32.45	\$	64.65	\$	96.85	\$	129.04
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.2%		5.7%		5.8%		5.8%		5.8%

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		5.5%		6.2%		6.3%		6.3%		6.3%

GST

Applied For Bill	\$	6.10	\$	26.94	\$	52.99	\$	79.04	\$	105.09
Current Bill	\$	6.10	\$	26.94	\$	52.99	\$	79.04	\$	105.09
\$ Impact	\$	0.12	\$	0.26	\$	0.45	\$	0.63	\$	0.81
% Impact		2.0%		1.0%		0.9%		0.8%		0.8%
% of Total Bill		4.8%		4.6%		4.8%		4.8%		4.8%

Total Bill

Applied For Bill	\$	128.09	\$	565.76	\$	1,112.80	\$	1,659.90	\$	2,206.93
Current Bill	\$	128.09	\$	565.76	\$	1,112.80	\$	1,659.90	\$	2,206.93
\$ Impact	\$	2.51	\$	5.56	\$	9.40	\$	13.21	\$	17.02
% Impact		2.0%		1.0%		0.9%		0.8%		0.8%

Rounding Applied
Rounding Current

-0.010000
-0.010000

Instructions

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

General Service 50 to 2,999 kW

Monthly Rates and Charges		Metric	Current Rate	Applied For Rate
Service Charge		\$	311.66	313.88
Service Charge Rate Rider(s)		\$	0.64	0.64
Distribution Volumetric Rate		\$/kW	2.1783	2.1824
Distribution Volumetric Rate Rider(s)		\$/kW	-	-
Retail Transmission Rate – Network Service Rate		\$/kW	1.7399	1.9313
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kW	1.5844	1.6636
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	435,000	kWh	1,480	kW
RPP Tier One	750	kWh	Load Factor	40.3%

Loss Factor 1.0387

	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%	0.09%
Energy Second Tier (kWh)	451,085	0.0650	29,320.53	451,085	0.0650	29,320.53	0.00	0.0%	63.36%
Sub-Total: Energy			29,362.53			29,362.53	0.00	0.0%	63.45%
Service Charge	1	311.66	311.66	1	313.88	313.88	2.22	0.7%	0.68%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,480	2.1783	3,223.88	1,480	2.1824	3,229.95	6.07	0.2%	6.98%
Distribution Volumetric Rate Rider(s)	1,480	0.0000	0.00	1,480	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			3,636.18			3,644.47	8.29	0.2%	7.66%
Retail Transmission Rate – Network Service Rate	1,480	1.7399	2,575.05	1,480	1.9313	2,858.32	283.27	11.0%	6.18%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,480	1.5844	2,344.91	1,480	1.6636	2,462.13	117.22	5.0%	5.32%
Total: Retail Transmission			4,919.96			5,320.45	400.49	8.1%	11.50%
Sub-Total: Delivery (Distribution and Retail Transmission)			8,456.14			8,864.92	408.78	4.8%	19.16%
Wholesale Market Service Rate	451,835	0.0052	2,349.54	451,835	0.0052	2,349.54	0.00	0.0%	5.08%
Rural Rate Protection Charge	451,835	0.0010	451.84	451,835	0.0010	451.84	0.00	0.0%	0.98%
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			2,801.63			2,801.63	0.00	0.0%	6.05%
Debt Retirement Charge (DRC)	435,000	0.00700	3,045.00	435,000	0.00700	3,045.00	0.00	0.0%	6.58%
Total Bill before Taxes			43,665.30			44,074.08	408.78	0.9%	95.24%
GST	43,665.30	5%	2,183.27	44,074.08	5%	2,203.70	20.43	0.9%	4.76%
			45,848.57			46,277.78	429.21	0.9%	100.00%

Rate Class Threshold Test
General Service 50 to 2,999 kW

Loss Factor	20.000	308.000	594.000	899.000	1,204.000
Adjusted kWh	20,774	320,959	616,988	933,792	1,250,595
Load Factor	50	770	1,480	2,240	3,000
	0.55	0.55	0.55	0.55	0.55

Energy

Applied For Bill	\$ 1,343.56	\$ 20,855.58	\$ 40,097.47	\$ 60,689.73	\$ 81,281.92
Current Bill	\$ 1,343.56	\$ 20,855.58	\$ 40,097.47	\$ 60,689.73	\$ 81,281.92
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	57.7%	66.7%	67.1%	67.2%	67.2%

Distribution

Applied For Bill	\$ 423.64	\$ 1,994.97	\$ 3,544.47	\$ 5,203.10	\$ 6,861.72
Current Bill	\$ 421.21	\$ 1,989.59	\$ 3,536.18	\$ 5,191.69	\$ 6,847.20
\$ Impact	\$ 2.43	\$ 5.38	\$ 8.29	\$ 11.41	\$ 14.52
% Impact	0.6%	0.3%	0.2%	0.2%	0.2%
% of Total Bill	18.2%	6.4%	5.9%	5.8%	5.7%

Retail Transmission

Applied For Bill	\$ 179.75	\$ 2,768.07	\$ 5,320.45	\$ 8,052.57	\$ 10,784.70
Current Bill	\$ 166.21	\$ 2,559.71	\$ 4,919.96	\$ 7,446.44	\$ 9,972.90
\$ Impact	\$ 13.54	\$ 208.36	\$ 400.49	\$ 606.13	\$ 811.80
% Impact	8.1%	8.1%	8.1%	8.1%	8.1%
% of Total Bill	7.7%	8.9%	8.9%	8.9%	8.9%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 603.39	\$ 4,763.04	\$ 8,864.92	\$ 13,255.67	\$ 17,646.42
Current Bill	\$ 587.42	\$ 4,549.30	\$ 8,456.14	\$ 12,638.13	\$ 16,820.10
\$ Impact	\$ 15.97	\$ 213.74	\$ 408.78	\$ 617.54	\$ 826.32
% Impact	2.7%	4.7%	4.8%	4.9%	4.9%
% of Total Bill	25.9%	15.2%	14.8%	14.7%	14.6%

Regulatory

Applied For Bill	\$ 129.04	\$ 1,990.20	\$ 3,825.58	\$ 5,789.76	\$ 7,753.94
Current Bill	\$ 129.04	\$ 1,990.20	\$ 3,825.58	\$ 5,789.76	\$ 7,753.94
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.5%	6.4%	6.4%	6.4%	6.4%

Debt Retirement Charge

Applied For Bill	\$ 140.00	\$ 2,163.00	\$ 4,158.00	\$ 6,293.00	\$ 8,428.00
Current Bill	\$ 140.00	\$ 2,163.00	\$ 4,158.00	\$ 6,293.00	\$ 8,428.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.0%	6.9%	7.0%	7.0%	7.0%

GST

Applied For Bill	\$ 110.80	\$ 1,488.59	\$ 2,847.30	\$ 4,301.41	\$ 5,755.51
Current Bill	\$ 110.00	\$ 1,477.90	\$ 2,826.86	\$ 4,270.53	\$ 5,714.20
\$ Impact	\$ 0.80	\$ 10.69	\$ 20.44	\$ 30.88	\$ 41.31
% 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	\$ 2,326.79	\$ 31,260.41	\$ 59,793.27	\$ 90,329.57	\$ 120,865.79
Current Bill	\$ 2,310.02	\$ 31,035.98	\$ 59,364.05	\$ 89,681.15	\$ 119,998.16
\$ Impact	\$ 16.77	\$ 224.43	\$ 429.22	\$ 648.42	\$ 867.63
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%

Instructions

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

General Service 3,000 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	2,399.56	2,405.75
Service Charge Rate Rider(s)	\$	0.64	0.64
Distribution Volumetric Rate	\$/kW	0.7321	0.7335
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.8457	2.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7510	1.8386
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	1,750,000 kWh	kWh	4,000 kW
RPP Tier One	750	kWh	Load Factor 60.0%

Loss Factor 1.0387

	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%	0.02%
Energy Second Tier (kWh)	1,816,975	0.0650	118,103.38	1,816,975	0.0650	118,103.38	0.00	0.0%	59.19%
Sub-Total: Energy			118,145.38			118,145.38	0.00	0.0%	69.22%
Service Charge	1	2,399.56	2,399.56	1	2,405.75	2,405.75	6.19	0.3%	1.41%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.00	0.0%	0.00%
Distribution Volumetric Rate	4,000	0.7321	2,928.40	4,000	0.7335	2,934.00	5.60	0.2%	1.72%
Distribution Volumetric Rate Rider(s)	4,000	0.0000	0.00	4,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			5,328.60			5,340.39	11.79	0.2%	3.13%
Retail Transmission Rate – Network Service Rate	4,000	1.8457	7,382.80	4,000	2.0487	8,194.80	812.00	11.0%	4.80%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4,000	1.7510	7,004.00	4,000	1.8386	7,354.40	350.40	5.0%	4.31%
Total: Retail Transmission			14,386.80			15,549.20	1,162.40	8.1%	9.11%
Sub-Total: Delivery (Distribution and Retail Transmission)			19,715.40			20,889.59	1,174.19	6.0%	12.24%
Wholesale Market Service Rate	1,817,725	0.0052	9,452.17	1,817,725	0.0052	9,452.17	0.00	0.0%	5.54%
Rural Rate Protection Charge	1,817,725	0.0010	1,817.73	1,817,725	0.0010	1,817.73	0.00	0.0%	1.06%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			11,270.15			11,270.15	0.00	0.0%	6.60%
Debt Retirement Charge (DRC)	1,750,000	0.00700	12,250.00	1,750,000	0.00700	12,250.00	0.00	0.0%	7.18%
Total Bill before Taxes			161,380.93			162,555.12	1,174.19	0.7%	95.24%
GST	161,380.93	5%	8,069.05	162,555.12	5%	8,127.76	56.71	0.7%	4.76%
			169,449.98			170,682.88	1,232.90	0.7%	100.00%

Rate Class Threshold Test
General Service 3,000 to 4,999 kW

kWh	1,313,000	1,532,000	1,751,000	1,970,000	2,189,000
Loss Factor Adjusted kWh	1,353,814	1,591,289	1,818,764	2,046,239	2,273,715
kW	3,000	3,500	4,000	4,500	5,000
Load Factor	0.60	0.60	0.60	0.60	0.60

Energy

Applied For Bill	\$ 88,641.16	\$ 103,427.03	\$ 118,212.91	\$ 132,998.78	\$ 147,784.72
Current Bill	\$ 88,641.16	\$ 103,427.03	\$ 118,212.91	\$ 132,998.78	\$ 147,784.72
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	68.9%	69.1%	69.2%	69.3%	69.4%

Distribution

Applied For Bill	\$ 4,606.89	\$ 4,973.64	\$ 5,340.39	\$ 5,707.14	\$ 6,073.89
Current Bill	\$ 4,596.50	\$ 4,962.55	\$ 5,328.60	\$ 5,694.65	\$ 6,060.70
\$ Impact	\$ 10.39	\$ 11.09	\$ 11.79	\$ 12.49	\$ 13.19
% Impact	0.2%	0.2%	0.2%	0.2%	0.2%
% of Total Bill	3.6%	3.3%	3.1%	3.0%	2.9%

Retail Transmission

Applied For Bill	\$ 11,661.90	\$ 13,605.55	\$ 15,549.20	\$ 17,492.85	\$ 19,436.50
Current Bill	\$ 10,790.10	\$ 12,588.45	\$ 14,386.80	\$ 16,185.15	\$ 17,983.50
\$ Impact	\$ 871.80	\$ 1,017.10	\$ 1,162.40	\$ 1,307.70	\$ 1,453.00
% Impact	8.1%	8.1%	8.1%	8.1%	8.1%
% of Total Bill	9.1%	9.1%	9.1%	9.1%	9.1%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 16,268.79	\$ 18,579.19	\$ 20,889.59	\$ 23,199.99	\$ 25,510.39
Current Bill	\$ 15,386.60	\$ 17,551.00	\$ 19,715.40	\$ 21,879.80	\$ 24,044.20
\$ Impact	\$ 882.19	\$ 1,028.19	\$ 1,174.19	\$ 1,320.19	\$ 1,466.19
% Impact	5.7%	5.9%	6.0%	6.0%	6.1%
% of Total Bill	12.6%	12.4%	12.2%	12.1%	12.0%

Regulatory

Applied For Bill	\$ 8,455.89	\$ 9,866.24	\$ 11,276.58	\$ 12,686.93	\$ 14,097.29
Current Bill	\$ 8,455.89	\$ 9,866.24	\$ 11,276.58	\$ 12,686.93	\$ 14,097.29
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	6.6%	6.6%	6.6%	6.6%	6.6%

Debt Retirement Charge

Applied For Bill	\$ 9,191.00	\$ 10,724.00	\$ 12,257.00	\$ 13,790.00	\$ 15,323.00
Current Bill	\$ 9,191.00	\$ 10,724.00	\$ 12,257.00	\$ 13,790.00	\$ 15,323.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	7.1%	7.2%	7.2%	7.2%	7.2%

GST

Applied For Bill	\$ 6,127.84	\$ 7,129.82	\$ 8,131.80	\$ 9,133.79	\$ 10,135.77
Current Bill	\$ 6,083.73	\$ 7,078.41	\$ 8,073.09	\$ 9,067.78	\$ 10,062.46
\$ Impact	\$ 44.11	\$ 51.41	\$ 58.71	\$ 66.01	\$ 73.31
% 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	\$ 128,684.68	\$ 149,726.28	\$ 170,767.88	\$ 191,809.49	\$ 212,851.17
Current Bill	\$ 127,758.38	\$ 148,646.68	\$ 169,534.98	\$ 190,423.29	\$ 211,311.67
\$ Impact	\$ 926.30	\$ 1,079.60	\$ 1,232.90	\$ 1,386.20	\$ 1,539.50
% Impact	0.7%	0.7%	0.7%	0.7%	0.7%

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

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Email the Board

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	\$	21.75	21.79
Service Charge Rate Rider(s)	\$	0.64	0.64
Distribution Volumetric Rate	\$/kWh	0.0139	0.0139
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043	0.0048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040	0.0042
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	0 kW
RPP Tier One	750 kWh	kWh	Load Factor

Loss Factor 1.0387

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	3.78%
Energy Second Tier (kWh)	9,637	0.0650	626.41	9,637	0.0650	626.41	0.00	0.0%	56.39%
Sub-Total: Energy									
Service Charge	1	21.75	21.75	1	21.79	21.79	0.00	0.0%	60.17%
Service Charge Rate Rider(s)	1	0.64	0.64	1	0.64	0.64	0.04	0.2%	1.96%
Distribution Volumetric Rate	10,000	0.0139	139.00	10,000	0.0139	139.00	0.00	0.0%	0.06%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	12.51%
Total: Distribution									
Retail Transmission Rate - Network Service Rate	10,387	0.0043	44.66	10,387	0.0048	49.86	5.20	11.6%	4.49%
Retail Transmission Rate - Line and Transformation Connection Service Rate	10,387	0.0040	41.55	10,387	0.0042	43.63	2.08	5.0%	3.93%
Total: Retail Transmission									
Sub-Total: Delivery (Distribution and Retail Transmission)			86.21			93.49	7.28	8.4%	8.42%
Wholesale Market Service Rate	10,387	0.0052	54.01	10,387	0.0052	54.01	0.00	0.0%	4.86%
Rural Rate Protection Charge	10,387	0.0010	10.39	10,387	0.0010	10.39	0.00	0.0%	0.94%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory									
Debt Retirement Charge (DRC)	10,000	0.00700	70.00	10,000	0.00700	70.00	0.00	0.0%	5.82%
Total Bill before Taxes			1,050.66			1,057.98	7.32	0.7%	95.24%
GST	1,050.66	5%	52.53	1,057.98	5%	52.90	0.37	0.7%	4.76%
			1,103.19			1,110.88	7.69	0.7%	100.00%

Rate Class Threshold Test
Unmetered Scattered Load

Loss Factor Adjusted kWh 500 5,000 10,000 15,000 20,000
520 5,194 10,387 15,581 20,774

kW
Load Factor

Energy

Applied For Bill	\$ 29.12	\$ 330.86	\$ 668.40	\$ 1,008.01	\$ 1,343.56
Current Bill	\$ 29.12	\$ 330.86	\$ 668.40	\$ 1,008.01	\$ 1,343.56
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	39.5%	58.7%	60.2%	60.7%	60.9%

Distribution

Applied For Bill	\$ 29.38	\$ 91.93	\$ 161.43	\$ 230.93	\$ 300.43
Current Bill	\$ 29.34	\$ 91.89	\$ 161.39	\$ 230.89	\$ 300.39
\$ Impact	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04
% Impact	0.1%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	39.9%	16.3%	14.5%	13.9%	13.6%

Retail Transmission

Applied For Bill	\$ 4.68	\$ 46.74	\$ 93.49	\$ 140.23	\$ 186.97
Current Bill	\$ 4.32	\$ 43.11	\$ 86.21	\$ 129.32	\$ 172.43
\$ Impact	\$ 0.36	\$ 3.63	\$ 7.28	\$ 10.91	\$ 14.54
% Impact	8.3%	8.4%	8.4%	8.4%	8.4%
% of Total Bill	6.4%	8.3%	8.4%	8.5%	8.5%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 34.06	\$ 138.67	\$ 254.92	\$ 371.16	\$ 487.40
Current Bill	\$ 33.66	\$ 135.00	\$ 247.60	\$ 360.21	\$ 472.82
\$ Impact	\$ 0.40	\$ 3.67	\$ 7.32	\$ 10.95	\$ 14.58
% Impact	1.2%	2.7%	3.0%	3.0%	3.1%
% of Total Bill	46.2%	24.6%	22.9%	22.4%	22.1%

Regulatory

Applied For Bill	\$ 3.47	\$ 32.45	\$ 64.85	\$ 96.85	\$ 129.04
Current Bill	\$ 3.47	\$ 32.45	\$ 64.85	\$ 96.85	\$ 129.04
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.7%	5.8%	5.8%	5.8%	5.9%

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	4.8%	6.2%	6.3%	6.3%	6.3%

GST

Applied For Bill	\$ 3.51	\$ 26.85	\$ 52.90	\$ 78.95	\$ 105.00
Current Bill	\$ 3.49	\$ 26.67	\$ 52.53	\$ 78.40	\$ 104.27
\$ Impact	\$ 0.02	\$ 0.18	\$ 0.37	\$ 0.55	\$ 0.73
% Impact	0.6%	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	\$ 73.66	\$ 563.83	\$ 1,110.87	\$ 1,657.97	\$ 2,205.00
Current Bill	\$ 73.24	\$ 559.98	\$ 1,103.18	\$ 1,646.47	\$ 2,189.69
\$ Impact	\$ 0.42	\$ 3.85	\$ 7.69	\$ 11.50	\$ 15.31
% Impact	0.6%	0.7%	0.7%	0.7%	0.7%

Rounding Applied
Rounding Current

-0.010000
-0.010000

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2nd Generation Incentive Regulation Mechanism

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Estimate

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BIP Impact Statement

Print

Instructions

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

Sentinel Lighting

Monthly Rates and Charges			
Metric	Current Rate	Applied For Rate	
Service Charge	\$ 1.98	1.98	
Service Charge Rate Rider(s)	\$ 0.64	0.64	
Distribution Volumetric Rate	\$/kW 6.9018	6.9149	
Distribution Volumetric Rate Rider(s)	\$/kW -	-	
Retail Transmission Rate – Network Service Rate	\$/kW 1.3188	1.4639	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW 1.2505	1.3130	
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	

	180 kWh		0.50 kW	
	Volume	Rate	Volume	Rate
Consumption				
RPP Tier One				

Loss Factor 1.0387

	180 kWh		0.50 kW	
	Volume	Rate	Volume	Rate
Energy First Tier (kWh)	187	0.0560	187	0.0560
Energy Second Tier (kWh)	0	0.0650	0	0.0650
Sub-Total: Energy				
Service Charge	1	1.98	1	1.98
Service Charge Rate Rider(s)	1	0.64	1	0.64
Distribution Volumetric Rate	1	6.9018	1	6.9149
Distribution Volumetric Rate Rider(s)	1	0.0000	1	0.0000
Total: Distribution				
Retail Transmission Rate – Network Service Rate	1	1.3188	1	1.4639
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.2505	1	1.3130
Total: Retail Transmission				
Sub-Total: Delivery (Distribution and Retail Transmission)				
Wholesale Market Service Rate	187	0.0052	187	0.0052
Rural Rate Protection Charge	187	0.0010	187	0.0010
Standard Supply Service – Administration Charge (if applicable)	1	0.25	1	0.25
Sub-Total: Regulatory				
Debt Retirement Charge (DRC)	180	0.00700	180	0.00700
Total Bill before Taxes				
GST	25.23	5%	25.44	5%

	CHARGE	RATE	%	% of Total Bill
Energy First Tier (kWh)	10.47	0.0560	0.0%	39.20%
Energy Second Tier (kWh)	0.00	0.0650	0.0%	0.00%
Sub-Total: Energy				
Service Charge	1.98	1.98	0.0%	7.41%
Service Charge Rate Rider(s)	0.64	0.64	0.0%	2.40%
Distribution Volumetric Rate	6.91	6.9149	0.1%	25.87%
Distribution Volumetric Rate Rider(s)	0.00	0.0000	0.0%	0.00%
Total: Distribution				
Retail Transmission Rate – Network Service Rate	1.46	1.4639	0.1%	5.47%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1.31	1.3130	0.0%	4.90%
Total: Retail Transmission				
Sub-Total: Delivery (Distribution and Retail Transmission)				
Wholesale Market Service Rate	0.97	0.0052	0.0%	3.63%
Rural Rate Protection Charge	0.19	0.0010	0.0%	0.71%
Standard Supply Service – Administration Charge (if applicable)	0.25	0.25	0.0%	0.94%
Sub-Total: Regulatory				
Debt Retirement Charge (DRC)	1.26	0.00700	0.0%	4.72%
Total Bill before Taxes				
GST	1.27	5%	0.8%	4.75%

Rate Class Threshold Test
Sentinel Lighting

	70	130	180	270	360
kWh	70	136	187	281	374
Loss Factor Adjusted kWh	73	136	187	281	374
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	\$ 7.62	\$ 10.47	\$ 15.74	\$ 20.94
Current Bill	\$ 4.09	\$ 7.62	\$ 10.47	\$ 15.74	\$ 20.94
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	22.2%	33.1%	39.2%	47.0%	52.0%

Distribution

Applied For Bill	\$ 9.53	\$ 9.53	\$ 9.53	\$ 9.53	\$ 9.53
Current Bill	\$ 9.52	\$ 9.52	\$ 9.52	\$ 9.52	\$ 9.52
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	0.1%	0.1%	0.1%	0.1%	0.1%
% of Total Bill	51.6%	41.4%	35.7%	28.4%	23.7%

Retail Transmission

Applied For Bill	\$ 2.77	\$ 2.77	\$ 2.77	\$ 2.77	\$ 2.77
Current Bill	\$ 2.57	\$ 2.57	\$ 2.57	\$ 2.57	\$ 2.57
\$ Impact	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20
% Impact	7.8%	7.8%	7.8%	7.8%	7.8%
% of Total Bill	15.0%	12.0%	10.4%	8.3%	6.9%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 12.30	\$ 12.30	\$ 12.30	\$ 12.30	\$ 12.30
Current Bill	\$ 12.09	\$ 12.09	\$ 12.09	\$ 12.09	\$ 12.09
\$ Impact	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
% Impact	1.7%	1.7%	1.7%	1.7%	1.7%
% of Total Bill	66.6%	53.4%	46.1%	36.7%	30.6%

Regulatory

Applied For Bill	\$ 0.70	\$ 1.10	\$ 1.41	\$ 1.99	\$ 2.56
Current Bill	\$ 0.70	\$ 1.10	\$ 1.41	\$ 1.99	\$ 2.56
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.8%	4.8%	5.3%	5.9%	6.4%

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	2.7%	4.0%	4.7%	5.6%	6.3%

GST

Applied For Bill	\$ 0.88	\$ 1.10	\$ 1.27	\$ 1.60	\$ 1.92
Current Bill	\$ 0.87	\$ 1.09	\$ 1.26	\$ 1.59	\$ 1.91
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	1.1%	0.9%	0.8%	0.6%	0.5%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

Total Bill

Applied For Bill	\$ 18.46	\$ 23.03	\$ 26.71	\$ 33.52	\$ 40.24
Current Bill	\$ 18.24	\$ 22.81	\$ 26.49	\$ 33.30	\$ 40.02
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
% Impact	1.2%	1.0%	0.8%	0.7%	0.5%

Rate Class Threshold Test
Street Lighting

	kWh	70	130	180	270	350
Loss Factor Adjusted kWh	73	136	187	281	374	
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	\$ 7.62	\$ 10.47	\$ 15.74	\$ 20.94	
Current Bill	\$ 4.09	\$ 7.62	\$ 10.47	\$ 15.74	\$ 20.94	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	34.0%	45.9%	51.6%	58.1%	61.9%	

Distribution

Applied For Bill	\$ 3.44	\$ 3.44	\$ 3.44	\$ 3.44	\$ 3.44	
Current Bill	\$ 3.44	\$ 3.44	\$ 3.44	\$ 3.44	\$ 3.44	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	28.6%	20.7%	16.9%	12.7%	10.2%	

Retail Transmission

Applied For Bill	\$ 2.75	\$ 2.75	\$ 2.75	\$ 2.75	\$ 2.75	
Current Bill	\$ 2.53	\$ 2.53	\$ 2.53	\$ 2.53	\$ 2.53	
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	
% Impact	8.7%	8.7%	8.7%	8.7%	8.7%	
% of Total Bill	22.8%	16.6%	13.5%	10.1%	8.1%	

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 6.19	\$ 6.19	\$ 6.19	\$ 6.19	\$ 6.19	
Current Bill	\$ 5.97	\$ 5.97	\$ 5.97	\$ 5.97	\$ 5.97	
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	
% Impact	3.7%	3.7%	3.7%	3.7%	3.7%	
% of Total Bill	51.4%	37.3%	30.5%	22.8%	18.3%	

Regulatory

Applied For Bill	\$ 0.70	\$ 1.10	\$ 1.41	\$ 1.99	\$ 2.56	
Current Bill	\$ 0.70	\$ 1.10	\$ 1.41	\$ 1.99	\$ 2.56	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	5.8%	6.6%	6.9%	7.3%	7.6%	

Debt Retirement Charge

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52	
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52	
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -	
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%	
% of Total Bill	4.1%	5.5%	6.2%	7.0%	7.5%	

GST

Applied For Bill	\$ 0.57	\$ 0.79	\$ 0.97	\$ 1.29	\$ 1.61	
Current Bill	\$ 0.56	\$ 0.78	\$ 0.96	\$ 1.28	\$ 1.60	
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	
% Impact	1.8%	1.3%	1.0%	0.8%	0.6%	
% of Total Bill	4.7%	4.8%	4.8%	4.8%	4.8%	

Total Bill

Applied For Bill	\$ 12.04	\$ 16.61	\$ 20.30	\$ 27.10	\$ 33.82	
Current Bill	\$ 11.81	\$ 16.38	\$ 20.07	\$ 26.87	\$ 33.59	
\$ Impact	\$ 0.23	\$ 0.23	\$ 0.23	\$ 0.23	\$ 0.23	
% Impact	1.9%	1.4%	1.1%	0.9%	0.7%	

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Table of Contents

Current Tariff Sheet

Proposed Tariff Sheet

Current & Proposed Tariff Sheets

Bill Impacts Generator

Email the Board

Ontario Energy Board
Conseil ontarien de l'énergie

2nd Generation Incentive Regulation Mechanism

Instructions

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

Allowances

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

Metric	Current
\$/kW	-0.60
%	1.0

2nd Generation Incentive Regulation Mechanism

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer

Monthly Fixed Charge, per retailer

Monthly Variable Charge, per customer, per retailer

Distributor-consolidated billing charge, per customer, per retailer

Retailer-consolidated billing credit, per customer, per retailer

Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party

Processing fee, per request, applied to the requesting party

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

More than twice a year, per request (plus incremental delivery costs)

	Metric	Current
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	0.30
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		no charge
Up to twice a year		
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

APPENDICES

North Bay Hydro Distribution Limited

EB-2008-0202

- A) **Proposed 2009 Tariff of Rates and Changes**
- B) **Smart Meter Funding Adder Model**
- C) **Smart Meter Deployment Schedule**
- D) **Proposed Smart Meter Costs 2006-2009**
- E) **Ministry Letter for Smart Meter Procurement District #9**
- F) **Estimated Stranded Meter Costs**

North Bay Hydro Distribution Limited

Tariff OF RATES AND CHARGES

Effective May 1, 2009*

(*Except as otherwise noted)

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

MONTHLY RATES AND CHARGES - General

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	14.44
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0112
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
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	\$	23.63
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
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 2,999 kW

Rate Description	Metric	Rate
Service Charge	\$	313.88
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.1824
Retail Transmission Rate – Network Service Rate	\$/kW	1.9313
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6636
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

North Bay Hydro Distribution Limited

Tariff OF RATES AND CHARGES

Effective May 1, 2009*

(*Except as otherwise noted)

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

MONTHLY RATES AND CHARGES - General

Rate Class

General Service 3,000 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	2,405.75
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	0.7335
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.8386
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	\$	21.79
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kWh	0.0139
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0048
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Sentinel Lighting

Rate Description	Metric	Rate
Service Charge	\$	1.98
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	6.9149
Retail Transmission Rate – Network Service Rate	\$/kW	1.4639
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3130
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge	\$	0.44
Service Charge Rate Rider for Storm Damage Cost Recovery – effective until Friday, April 30, 2010	\$	0.64
Distribution Volumetric Rate	\$/kW	2.3615
Retail Transmission Rate – Network Service Rate	\$/kW	1.4565
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2860
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

North Bay Hydro Distribution Limited

Tariff OF RATES AND CHARGES

Effective May 1, 2009*

(*Except as otherwise noted)

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

MONTHLY RATES AND CHARGES - General

Specific Service Charges

Customer Administration

	<u>Metric</u>	<u>Current</u>
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

	<u>Metric</u>	<u>Current</u>
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	165.00

Other

	<u>Metric</u>	<u>Current</u>
Service call - customer-owned equipment	\$	30.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Allowances

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

Retail Service Charges (if applicable)

Retail Service Charges (if applicable)

	<u>Metric</u>	<u>Current</u>
Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)

Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		no charge
Up to twice a year	\$	2.00
More than twice a year, per request (plus incremental delivery costs)		

LOSS FACTORS

	<u>Current</u>
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0387
Total Loss Factor - Secondary Metered Customer > 5,000 kW	
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0283
Total Loss Factor - Primary Metered Customer > 5,000 kW	

Sheet 1 Utility Information Sheet

Name of LDC: North Bay Hydro Distribution Limited

Licence Number: ED-2003-0024

Date of Submission: November 7, 2008

Contact Information

Name: Cindy Tennant

Title: Manager Finance

Phone Number: 705 474-8100 ext 310

E-Mail Address: ctennant@northbayhydro.com

assume calendar year installation

Planned number of General Service Greater Than 50 kW smart meters

Planned / Actual Meter Installations

assume calendar year installation

Planned number of Beneluxers to be installed

Other: Please specify _____

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

may include new meters and modules, etc.

1.1.2 Installation Cost

1.1.2 Installation Cost

may include socket lifts plus shipping, labour, benefits, vehicle, etc.

11.33 Workforce Automation Hardware

1. THE VOICICE AUTOMATION PROGRAMING

4.4.24 Workflow Automation Software

1.1.3b Workforce Automation Software

Total Advanced Metering Communication Device (AMCD)

1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

1.2.2 Repeaters

may include radio licence, etc.

may include meter seals and rings, collector computer hardware, etc.

Total Advanced Metering Regional Collector (AMRC) (Includes LAN)

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

1.3.2 Computer Software

1.3.3 Computer Software Licence & Installation (includes hardware & software)

may include AS/400 disc space, backup & recovery computer, UPS, etc.

1.4 WIDE AREA NETWORK (WAN)

1.4.1 Activation Fees

Total Wide Area Network (WAN)

[illegible]

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast	Total
1.5.1 Customer equipment (including repair of damaged equipment)								
1.5.2 AMI Interface to CIS								
1.5.3 Professional Fees	\$ 0.521	\$ 29,892	\$ 29,400	\$ 141,514	\$ 79,021			220,340
1.5.4 Integration								96,213
1.5.5 Program Management								11,340
1.5.6 Other AMI Capital								22,690
Total Other AMI Capital Costs Related To Minimum Functionality	\$ 6,521	\$ 29,892	\$ 29,400	\$ 193,564	\$ 90,205	\$ -	\$ -	\$ 349,613
Total Capital Costs	\$ 6,521	\$ 29,892	\$ 29,400	\$ 3,390,133	\$ 115,662	\$ 25,487	\$ 25,487	\$ 3,622,611

O M & A

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

2.1.1 Maintenance <i>may include meter verification costs, etc.</i>								
Total Incremental AMI Operation Expenses								
2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)								
2.2.1 Maintenance								
Total Advanced Metering Regional Collector (AMRC) (includes LAN)								

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

2.3.1 Hardware Maintenance <i>may include server support, etc.</i>								
2.3.2 Software Maintenance <i>may include maintenance support, etc.</i>								
Total Advanced Metering Control Computer (AMCC)								

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WIDE AREA NETWORK (WAN) <i>may include serial to Ethernet hardware, etc.</i>								
Total Incremental Other Operation Expenses								

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign								
2.5.2 Customer Communication <i>may include project communication, etc.</i>								
2.5.3 Program Management								
2.5.4 Change Management								
2.5.5 Administration Cost <i>may include training, etc.</i>								
2.5.6 Other AMI Expenses								
Total 2.5 Other AMI OM&A Costs Related To Minimum Functionality	\$ -	\$ 7,734	\$ 2,500	\$ -	\$ 32,783	\$ 37,539	\$ 35,672	\$ 116,228
Total O M & A Costs	\$ -	\$ 7,734	\$ 2,500	\$ 292,185	\$ 400,866	\$ 264,538	\$ 265,252	\$ 1,233,195

Sheet 3. LDC Assumptions and Data

Assumptions:

- 1. Planned meter installations occur evenly through the year.
- 2. Year assumed January to December
- 3. Amortization is straight line and has half year rule applied in first year.

2006 EDR Data

Information	2007	2008	2009	2010	2011	Later
\$ 36,301,921	\$36,301,921	\$ 36,301,921	\$ 36,301,921	\$ 36,301,921	\$ 36,301,921	\$ 36,301,921

Deemed Debt (from 2006 EDR Sheet "3.2 COST OF CAPITAL (Input) Cell C 18)
Deemed Equity (from 2006 EDR Sheet "3.2 COST OF CAPITAL (Input) Cell C 19)
Weighted Debt Rate (from 2006 EDR Sheet "3.2 COST OF CAPITAL (Input) Cell C 25)
Weighted ROE (from 2006 EDR Sheet "3.2 COST OF CAPITAL (Input) Cell E 32)

Working Capital Allowance %

2006 EDR Tax Rate

Corporate Income Tax Rate
(from 2006 PLS Sheet "Tax Provision" Cell D 14)

Capital Data:

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast	Total
Smart Meter	6,521	\$ 29,892	\$ 29,400	\$ 3,321,556	\$ 115,692	\$ 25,487	\$ 25,487	\$ 3,554,035
Computer Hardware	-	-	-	\$ 40,087	-	-	-	\$ 40,087
Computer Software	-	-	-	\$ 28,490	-	-	-	\$ 28,490
Tools & Equipment	-	-	-	-	-	-	-	-
Other Equipment	-	-	-	-	-	-	-	-
Total Capital Costs	\$ 6,521	\$ 29,892	\$ 29,400	\$ 3,390,133	\$ 115,692	\$ 25,487	\$ 25,487	\$ 3,622,611

Operating Expense Data:

- 2.1 Advanced Metering Communication Device (AMCD)
- 2.2 Advanced Metering Regional Collector (AMRC) (includes LAN)
- 2.3 Advanced Metering Control Computer (AMCC)
- 2.4 Wide Area Network (WAN)
- 2.5 Other AMI O&A Costs Related To Minimum Functionality

Total O & A Costs

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast	Total
Smart meter including installation	-	-	-	\$ 17,680	\$ 21,082	\$ 17,680	\$ 17,680	\$ 74,123
Computer Hardware Costs	-	-	-	\$ 1,361	\$ 1,395	\$ 1,430	\$ 1,465	\$ 5,651
Computer Software Costs	-	-	-	\$ 273,143	\$ 345,726	\$ 207,869	\$ 210,434	\$ 1,037,193
Tools & Equipment	-	-	-	-	-	-	-	-
Other Equipment	-	-	-	-	-	-	-	-
Smart meter incremental operating expenses	-	\$ 7,734	\$ 2,500	-	\$ 32,783	\$ 37,539	\$ 35,872	\$ 116,228
Total Smart Meter Capital Costs per meter	-	\$ 7,734	\$ 2,500	\$ 292,185	\$ 400,988	\$ 264,538	\$ 265,252	\$ 1,233,195

Per Meter Cost Split:

Smart meter including installation
Computer Hardware Costs
Computer Software Costs
Tools & Equipment
Other Equipment
Smart meter incremental operating expenses
Total Smart Meter Capital Costs per meter

Per Meter	Installed	Investment	% of Invest
\$ 159.57	22,273	\$ 3,554,035	73%
\$ 1.80	22,273	\$ 40,087	1%
\$ 1.28	22,273	\$ 28,490	1%
\$ -	22,273	-	0%
\$ -	22,273	-	0%
\$ 55.37	22,273	\$ 1,233,195	25%
\$ 218.01	22,273	\$ 4,855,806	100%

Depreciation Rates

Smart Meter (years)
Computer Hardware (years)
Computer Software (years)
Tools & Equipment (years)
Other Equipment (years)

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast
Smart Meter	15	15	15	15	15	15	15
Computer Hardware	10	10	10	10	10	10	10
Computer Software	5	5	5	5	5	5	5
Tools & Equipment	10	10	10	10	10	10	10
Other Equipment	10	10	10	10	10	10	10

CCA Rates

CCA Class

Smart Meter

CCA Class

Computer Equipment

CCA Class

General Equipment

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast
Smart Meter	47	47	47	47	47	47	47
Computer Equipment	8	8	8	8	8	8	8
General Equipment	45	45	45	45	45	45	45

Sheet 4. Smart Meter Rev Req Calc

Smart Meter Revenue Requirement Calculation

Average Asset Values	2006 Actual	2007 Actual	2008 Forecasted	2009 Forecasted	2010 Forecasted	2011 Forecasted	Later Forecasted
Net Fixed Assets Smart Meters	\$3,151.75	\$17,282.25	\$20,378.49	\$1,633,607.99	\$175,658.17	\$1,475,154.99	\$ -
Net Fixed Assets Computer Hardware	\$ -	\$ -	\$ -	\$1,633,607.99	\$36,070.27	\$32,668.03	\$ -
Net Fixed Assets Computer Software	\$ -	\$ -	\$ -	\$12,120.34	\$22,770.72	\$17,083.79	\$ -
Net Fixed Assets Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Fixed Assets Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Net Fixed Assets	\$3,151.75	\$17,282.25	\$20,378.49	\$1,655,728.31	\$1,636,479.05	\$1,521,322.30	\$ -
Working Capital	\$ -	\$7,734.33	\$2,500.00	\$292,184.55	\$400,866.10	\$264,537.86	\$295,252.12
Working Capital %	\$ -	\$1,160.15	\$375.00	\$43,827.68	\$60,147.91	\$39,660.70	\$35,787.82
Smart Meters included in Rate Base	\$3,151.75	\$18,542.40	\$20,753.49	\$1,709,252.69	\$1,696,626.97	\$1,561,003.00	\$359,787.82
Return on Rate Base	50.0%	50.0%	50.0%	50.0%	60.0%	60.0%	60.0%
Deemed Debt (J) LCC Assumptions and Data	\$1,575.87	\$8,271.20	\$18,381.81	\$969,186.13	\$1,017,376.18	\$936,601.80	\$23,872.69
Deemed Equity (J) LCC Assumptions and Data	\$1,575.87	\$9,271.20	\$14,381.88	\$740,123.87	\$678,250.79	\$624,401.20	\$15,915.13
Weighted Debt Rate (J) LCC Assumptions and Data	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
Proposed ROE (J) LCC Assumptions and Data	9.0%	9.0%	9.0%	9.0%	8.6%	8.6%	8.6%
Return on Rate Base	\$230.82	\$1,297.97	\$1,212.15	\$115,069.60	\$108,994.90	\$100,341.27	\$2,557.56
Operating Expenses	\$ -	\$7,734.33	\$2,500.00	\$ -	\$400,866.10	\$264,537.86	\$295,252.12
Incremental Operating Expenses (J) LCC Assumptions and Data	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Expenses	\$217.36	\$1,431.13	\$3,407.53	\$115,192.08	\$229,681.03	\$234,369.38	\$ -
Amortization Expenses - Smart Meters	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Expenses - Computer Hardware	\$ -	\$ -	\$ -	\$2,004.36	\$4,008.69	\$4,008.69	\$ -
Amortization Expenses - Computer Software	\$ -	\$ -	\$ -	\$2,848.97	\$5,697.93	\$5,697.93	\$ -
Amortization Expenses - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Amortization Expenses	\$217.36	\$1,431.13	\$3,407.53	\$115,192.08	\$229,681.03	\$234,369.38	\$ -
Revenue Requirement Before PILs	\$437.86	\$10,463.43	\$8,019.68	\$527,213.55	\$749,368.65	\$698,972.85	\$297,868.66
Calculation of Taxable Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Incremental Operating Expenses	\$217.36	\$1,431.13	\$3,407.53	\$115,192.08	\$229,681.03	\$234,369.38	\$ -
Interest Expense	\$78.79	\$463.56	\$819.56	\$28,458.48	\$29,387.85	\$29,387.85	\$ -
Taxable Income For PILs	\$141.83	\$524.41	\$1,792.57	\$38,511.17	\$49,226.56	\$53,511.18	\$ -
Grossed up PILs (R, P, Q)	\$71.52	\$399.98	\$523.41	\$23,987.05	\$8,859.12	\$15,711.20	\$ -
Revenue Requirement Before PILs	\$437.86	\$10,463.43	\$8,019.68	\$527,213.55	\$749,368.65	\$698,972.85	\$297,868.66
Revenue Requirement After PILs	\$74.52	\$399.98	\$523.41	\$23,987.05	\$8,859.12	\$15,711.20	\$ -
Revenue Requirement for Smart Meters	\$512.61	\$10,863.41	\$8,543.10	\$551,200.60	\$758,227.77	\$714,684.05	\$297,868.66

\$ 551,200.60 N
 24,353 O = average # of customers
 \$ 22.63 P = N / O
 # of months in a year 12 Q
 \$ 1.89 R = P / Q

Sheet 5. PILs**PILs Calculation**

	2006 Actual	2007 Actual	2008 Forecast	2009 Forecast	2010 Forecast	2011 Forecast	Later Forecast
INCOME TAX							
Net Income	\$ 141.83	\$ 834.41	\$ 1,292.57	\$ 66,611.15	\$ 58,126.09	\$ 53,511.18	\$ -
Amortization	\$ 217.36	\$ 1,431.13	\$ 3,407.53	\$ 119,959.39	\$ 239,387.65	\$ 244,093.60	\$ -
CCA - Smart Meters	\$ 260.83	\$ 1,696.49	\$ 3,932.45	\$ 137,656.12	\$ 264,133.56	\$ 248,650.02	\$ -
CCA - Computers	\$ -	\$ -	\$ -	\$ 15,429.73	\$ 23,916.08	\$ 13,153.84	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Change in taxable income	\$ 98.36	\$ 569.05	\$ 767.65	\$ 33,484.70	\$ 9,464.10	\$ 35,800.92	\$ -
Tax Rate (3. LDC Assumptions and Data)	36.12%	36.12%	33.50%	33.00%	32.00%	30.50%	29.00%
Income Taxes Payable	\$ 35.53	\$ 205.54	\$ 257.16	\$ 11,049.95	\$ 3,028.51	\$ 10,919.28	\$ -

ONTARIO CAPITAL TAX

Smart Meters	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,267,207.37	\$ 3,153,218.23	\$ 2,944,317.97	\$ -
Computer Hardware	\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87	\$ 30,065.18	\$ -
Computer Software	\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76	\$ 14,244.83	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rate Base	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,330,930.62	\$ 3,207,234.86	\$ 2,988,627.98	\$ -
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,330,930.62	\$ 3,207,234.86	\$ 2,988,627.98	\$ -
Ontario Capital Tax Rate	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -

Gross Up

PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable	PILs Payable
\$ 35.53	\$ 205.54	\$ 257.16	\$ 11,049.95	\$ 3,028.51	\$ 10,919.28	\$ -	\$ -
\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -	\$ -
\$ 54.44	\$ 283.76	\$ 393.87	\$ 18,544.54	\$ 5,433.94	\$ 10,919.28	\$ -	\$ -
Gross Up 36.12%	Gross Up 36.12%	Gross Up 33.50%	Gross Up 33.00%	Gross Up 32.00%	Gross Up 30.50%	Gross Up 29.00%	
Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs	Grossed Up PILs
\$ 55.61	\$ 321.76	\$ 386.71	\$ 16,492.46	\$ 4,453.70	\$ 15,711.20	\$ -	\$ -
\$ 18.91	\$ 78.22	\$ 136.70	\$ 7,494.59	\$ 2,405.43	\$ -	\$ -	\$ -
\$ 74.52	\$ 399.98	\$ 523.41	\$ 23,987.06	\$ 6,859.12	\$ 15,711.20	\$ -	\$ -

Sheet 6. Avg Net Fixed Assets & UCC**Smart Meter Average Net Fixed Assets****Net Fixed Assets - Smart Meters**

	2006 Actual	2007 Actual	2008 Forecasted	2009 Forecasted	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ 6,520.86	\$ 36,413.00	\$ 65,813.00	\$ 3,387,369.48	\$ 3,503,061.36
Capital Investment (3 LDC Assumptions and Data)	\$ 6,520.86	\$ 29,892.14	\$ 29,400.00	\$ 3,321,556.48	\$ 115,691.89	\$ 25,486.72
Closing Capital Investment	\$ 6,520.86	\$ 36,413.00	\$ 65,813.00	\$ 3,387,369.48	\$ 3,503,061.36	\$ 3,528,548.09
Opening Accumulated Amortization	\$ -	\$ 217.36	\$ 1,648.49	\$ 5,056.02	\$ 120,162.11	\$ 349,843.13
Amortization (15 Years Straight Line)	\$ 217.36	\$ 1,431.13	\$ 3,407.53	\$ 115,106.08	\$ 229,681.03	\$ 234,386.98
Closing Accumulated Amortization	\$ 217.36	\$ 1,648.49	\$ 5,056.02	\$ 120,162.11	\$ 349,843.13	\$ 584,230.12
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Net Fixed Assets	\$ 6,303.50	\$ 34,764.51	\$ 60,756.98	\$ 3,267,207.37	\$ 3,153,218.23	\$ 2,944,317.97
Average Net Fixed Assets	\$ 3,151.75	\$ 17,382.25	\$ 30,378.49	\$ 1,633,603.68	\$ 1,576,609.11	\$ 1,472,158.99

Net Fixed Assets - Computer Hardware

	2006 Actual	2007 Actual	2008 Forecasted	2009 Forecasted	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ 40,086.91	\$ 40,086.91
Capital Investment (3 LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ 40,086.91	\$ -	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ 40,086.91	\$ 40,086.91	\$ 40,086.91
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ 2,004.35	\$ 6,013.04
Amortization (10 Years Straight Line)	\$ -	\$ -	\$ -	\$ 2,004.35	\$ 4,008.69	\$ 4,008.69
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ 2,004.35	\$ 6,013.04	\$ 10,021.73
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87
Closing Net Fixed Assets	\$ -	\$ -	\$ -	\$ 38,082.56	\$ 34,073.87	\$ 30,065.18
Average Net Fixed Assets	\$ -	\$ -	\$ -	\$ 19,041.28	\$ 36,078.22	\$ 32,069.53

Net Fixed Assets - Computer Software

	2006 Actual	2007 Actual	2008 Forecasted	2009 Forecasted	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ 28,489.65	\$ 28,489.65
Capital Investment (3 LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ 28,489.65	\$ -	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ 28,489.65	\$ 28,489.65	\$ 28,489.65
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ 2,848.97	\$ 8,546.90
Amortization Year 1 (5 Years Straight Line)	\$ -	\$ -	\$ -	\$ 2,848.97	\$ 5,697.93	\$ 5,697.93
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ 2,848.97	\$ 8,546.90	\$ 14,244.83
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76
Closing Net Fixed Assets	\$ -	\$ -	\$ -	\$ 25,640.69	\$ 19,942.76	\$ 14,244.83
Average Net Fixed Assets	\$ -	\$ -	\$ -	\$ 12,820.34	\$ 22,791.72	\$ 17,093.79

Net Fixed Assets - Tools & Equipment

	2006 Actual	2007 Actual	2008 Forecasted	2009 Forecasted	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment (3 LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortization Year 1 (10 Years Straight Line)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Closing Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Fixed Assets - Other Equipment

[illegible]

UCC - Smart Meters

UCC - Computer Equipment

UCC - General Equipment

Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ -	\$ -
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ -	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ -	\$ -
CCA Rate Class	8 20%	8 20%	8 20%	8 20%	8 20%
CCA Rate	\$ -	\$ -	\$ -	\$ -	\$ -
CCA	\$ -	\$ -	\$ -	\$ -	\$ -
Closing UCC	\$ -	\$ -	\$ -	\$ -	\$ -

Smart Meter Funding Adder

Approved Deferral and
Variance Accounts CWIP Account

	Opening	Fund Adder	Int. Rate	Interest	Closing
Jan-06	\$ -	\$ -	5.00%	\$ -	\$ -
Feb-06	\$ -	\$ -	5.00%	\$ -	\$ -
Mar-06	\$ -	\$ -	5.00%	\$ -	\$ -
Apr-06	\$ -	\$ -	4.14%	\$ -	\$ -
May-06	\$ -	\$ 221	4.14%	\$ -	\$ 221
Jun-06	\$ 221	\$ 6,111	4.14%	\$ 1	\$ 6,332
Jul-06	\$ 6,332	\$ 10,233	4.59%	\$ 24	\$ 16,589
Aug-06	\$ 16,584	\$ 9,311	4.59%	\$ 63	\$ 25,964
Sep-06	\$ 25,876	\$ 10,092	4.59%	\$ 99	\$ 36,155
Oct-06	\$ 35,968	\$ 8,298	4.59%	\$ 138	\$ 44,591
Nov-06	\$ 44,266	\$ 9,358	4.59%	\$ 169	\$ 54,118
Dec-06	\$ 53,624	\$ 9,840	4.59%	\$ 205	\$ 64,163
Jan-07	\$ 63,464	\$ 8,603	4.59%	\$ 243	\$ 73,009
Feb-07	\$ 72,067	\$ 7,468	4.59%	\$ 276	\$ 80,753
Mar-07	\$ 79,535	\$ 8,327	4.59%	\$ 304	\$ 89,384
Apr-07	\$ 87,862	\$ 6,874	4.59%	\$ 336	\$ 98,594
May-07	\$ 94,736	\$ 7,221	4.59%	\$ 362	\$ 104,177
Jun-07	\$ 101,957	\$ 6,911	4.59%	\$ 390	\$ 111,478
Jul-07	\$ 108,867	\$ 5,419	4.59%	\$ 416	\$ 117,313
Aug-07	\$ 114,287	\$ 7,096	4.59%	\$ 437	\$ 124,846
Sep-07	\$ 121,382	\$ 5,657	4.59%	\$ 464	\$ 130,968
Oct-07	\$ 127,039	\$ 5,844	5.14%	\$ 544	\$ 137,356
Nov-07	\$ 132,884	\$ 6,624	5.14%	\$ 569	\$ 144,550
Dec-07	\$ 139,508	\$ 5,766	5.14%	\$ 598	\$ 150,913
Jan-08	\$ 145,274	\$ 6,059	5.14%	\$ 622	\$ 157,594
Feb-08	\$ 151,333	\$ 7,276	5.14%	\$ 648	\$ 165,519
Mar-08	\$ 158,609	\$ 5,451	5.14%	\$ 679	\$ 171,649
Apr-08	\$ 164,060	\$ 6,223	4.08%	\$ 558	\$ 178,430
May-08	\$ 170,283	\$ 6,825	4.08%	\$ 579	\$ 185,834
Jun-08	\$ 177,108	\$ 5,444	4.08%	\$ 602	\$ 191,880
Jul-08	\$ 182,552	\$ 6,234	3.35%	\$ 510	\$ 198,624
Aug-08	\$ 188,786	\$ 6,931	3.35%	\$ 527	\$ 206,082
Sep-08	\$ 195,717	\$ 5,584	3.35%	\$ 546	\$ 212,212
Oct-08	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Nov-08	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Dec-08	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jan-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Feb-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Mar-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Apr-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
May-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jun-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jul-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Aug-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Sep-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Oct-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Nov-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Dec-09	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jan-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Feb-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Mar-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Apr-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
May-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jun-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jul-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Aug-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Sep-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Oct-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Nov-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Dec-10	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jan-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Feb-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Mar-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Apr-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
May-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jun-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jul-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Aug-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Sep-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Oct-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Nov-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Dec-11	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Jan-12	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Feb-12	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Mar-12	\$ -	\$ -	3.35%	\$ -	\$ 10,911
Apr-12	\$ -	\$ -	3.35%	\$ -	\$ 10,911
May-12	\$ -	\$ -	3.35%	\$ -	\$ 10,911

	Prescribed Interest Rate (per the Bankers' Acceptances-3 months Plus 0.25 Spread)	Prescribed Interest Rate (per the DEX Mid Term Corporate Bond Index Yield 2)
Q2 2006	4.14	4.68
Q3 2006	4.59	5.05
Q4 2006	4.59	4.72
Q1 2007	4.59	4.72
Q2 2007	4.59	4.72
Q3 2007	4.59	5.18
Q4 2007	5.14	5.18
Q1 2008	5.14	5.18
Q2 2008	4.08	5.18
Q3 2008	3.35	5.43
Q4 2008	3.35	5.43

model is calculating interest on principal + interest - s/b on principal only

APPENDIX C
North Bay Hydro
Smart Meter Data

		Jan-09				Feb-09				Mar-09				Apr-09				May-09				Jun-09			
		05 to 09	12 to 16	19 to 23	26 to 30	02 to 06	09 to 13	16 to 20	23 to 27	30 to 3	06 to 10	13 to 17	20 to 24	27 to 01	04 to 08	11 to 15	18 to 22	25 to 29	01 to 05	08 to 12	15 to 19	22 to 26	29 to 03		
Volume	Staffing	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4		
22,273	1	192	0	10	12	20	20	20	20	20	3949														
22,273		162	162	172	140	160	160	80	60	40	30	0													
22,273		20	19	18	17	15	13	10	9.8	0.4	0.2	0.0													
North Bay Hydro Inventory # of Sicks																									

		Jul-09				Aug-09				Sep-09				Oct-09				Nov-09				Dec-09					
		05 to 10	13 to 17	20 to 24	27 to 31	03 to 07	10 to 14	17 to 21	24 to 28	01 to 04	07 to 11	14 to 18	21 to 25	28 to 02	05 to 09	12 to 16	19 to 23	26 to 30	02 to 05	09 to 10	16 to 20	23 to 27	30 to 04	07 to 11	14 to 18	21 to 25	28 to 31
Volume	Staffing	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0
22,273	5	3548				3548				3548					3548			3548				193					0
22,273	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	0	
22,273		2648	5266	4296	3296	2496	5144	4114	3144	2144	1992	2992	3992	4992	4688	5488	5840	5840	5488	5848	5848	5848	5848	5848	5848	0	
22,273		27.6	-55.2	44.6	-24.3	22.0	53.6	43.2	32.8	22.3	11.2	20.8	31.2	41.6	48.3	49.0	29.9	49.0	48.3	58.3	23.9	17.8	7.1	9.0	0.0	0.0	
North Bay Hydro Inventory # of Sicks																											
22,273		3		183.37																							
Total																											

APPENDIX D
North Bay Hydro Distribution Limited
Proposed Smart Meter Costs 2006-2009

File Number: EB-2008-0202

Cost	2006	2007	2008	2009	Total	Per Meter
Procurement & Installation	\$ 6,520.86	\$ 29,892.14	\$ 29,400.00	\$ 3,113,725.00	\$ 3,179,538.00	\$ 142.75
C.I.S.				\$ 276,408.00	\$ 276,408.00	\$ 12.41
Incremental O & M		\$ 7,733.88	\$ 2,500.00	\$ 292,185.00	\$ 302,418.88	\$ 13.58
Changes to Ancillary Systems					\$ -	\$ -
Total Costs	\$ 6,520.86	\$ 37,626.02	\$ 31,900.00	\$ 3,682,318.00	\$ 3,758,364.88	\$ 168.74

Stranded Meters				\$ 993,607.68	\$ 993,607.68	\$ 44.61
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APPENDIX E

North Bay Hydro Distribution Limited Ministry Letter for Smart Meter Procurement District #9

File Number: EB-2008-0202



utility strategic operational assistance

October 20, 2008

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

Attn: Usman Syed, Senior Advisor

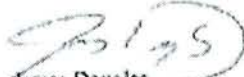
Re: Status of Smart Meter Procurement

On behalf of the District 9 group of utilities, this letter is in response to your request for the status of each of the District 9 utilities' respective Smart Meter Procurements. The District 9 group includes the following utilities:

- o Chapleau Public Utilities Corporation
 - o Espanola Regional Hydro Distribution Corp.
 - o Fort Albany Power Corporation
 - o Great Lakes Power Limited
 - o Hearst Power Distribution Ltd.
 - o North Bay Hydro Distribution Ltd.
 - o Northern Ontario Wires Inc.
 - o PUC Distribution Inc.
- The District 9 group has entered into negotiations with Sensus, their number one vendor selected through the London Hydro RFP process.
 - The District 9 group is in the process of finalizing negotiations and expect to have a signed contract in January 2009.
 - The District 9 group is scheduled to deploy all required meters between March 2009 and December 2009.

I trust this addresses the information requested. If there is anything else you require, please do not hesitate to contact Util-Assist at 905.967.0770.

Yours truly,


James Douglas
President

17705 Leslie St. Suite 103 | Newmarket, ON L3Y 3E3 | 905.967.0770 | www.util-assist.com

APPENDIX F
North Bay Hydro Distribution Limited
Stranded Meter Costs
File Number: EB-2008-0202

Meters - Dec. 31/07	3,431,762.76
Meters - forecasted 2008 additions	9,328.20
Meters held in reserve	43,965.09
Total Meters	<u>3,485,056.05</u>
Acc. Amort - Dec. 31/07	2,186,797.53
Acc. Amort - forecasted 2008	50,278.78
Acc. Amort - forecasted 2009	
Estimated amount as of June 30, 2009	50,372.07
Total Accumulated Amortization	<u>2,287,448.38</u>
NBV	<u>1,197,607.68</u>
Non-stranded amount	204,000
Stranded Cost	<u>993,607.68</u>