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Ontario Energy Board
Board Secretary's Office
26th Floor
2300 Yonge Street
Toronto, Ontario M4P 1E4

November 7, 2008

**Re: 2009 IRM North Bay Hydro Distribution Limited;
ED-2003-0024; EB-2008-0202 (2GIRM)**

Dear Ms Walli:

In accordance with filing requirements for the 2009 Incentive Regulation Mechanism Distribution Rate Adjustments released on October 23, 2008, North Bay Hydro Distribution Limited (NBHDL) requests a final order for the establishment of 2009 Tariff of Rates and Charges as calculated in the 2009 IRM model. For convenience and efficiency for all parties, this application also includes a request for approval of a smart meter funding adder for 2009 and a change to loss adjustment factors for both primary and secondary metered customers.

The Manager's Summary includes details on the smart meter funding adder and justification for updating line loss adjustment factors.

In accordance with the filing guidelines this application contains the following parts which have also been filed electronically on the OEB's EFS as well as electronically via email.

- Manager's Summary
- Completed 2009 IRM model
- Supporting Appendices

As per instructions please find enclosed two hard copies and an electronic copy on CD.

Yours truly,

A handwritten signature in black ink that reads "Cindy Tennant".

Cindy Tennant
Manager, Finance

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.

Line Losses

Although not a specific part of the IRM process, NBHDL is requesting approval to update secondary and primary metered loss adjustment factors. These factors were last updated in 2001. This request has been included with the IRM filing to optimize efficiency for both OEB and NBHDL resources. This will also minimize customer confusion and advertising costs resulting from a separate customer communications process. Following is a summary of current and proposed total loss adjustment factors:

| Customer Type | Current Total Loss Factor | Proposed Total Loss Factor |
|----------------------------|---------------------------|----------------------------|
| Secondary Metered <5000 kW | 1.0387 | 1.0466 |
| Secondary Metered >5000 kW | N/A | N/A |
| Primary Metered <5000 kW | 1.0283 | 1.0361 |
| Primary Metered >5000 kW | N/A | N/A |

Beginning in 2005 North Bay Hydro's IESO metering points were relocated outside of Hydro One Transformer Stations. As part of this process new electronic metering was installed at the 7 billing points replacing older mechanical metering that was placed in service in the 1960's and 1970's. This new metering is more accurate and is a major contributor to these increased losses.

After market opening in 2002 NBHDL became responsible for sharing station service use at both North Bay TS and Trout Lake TS with Hydro One. NBHDL's allocation of station service use was not considered at the time of market opening thus became a source of additional supply facility losses.

NBHDL has developed asset renewal plans that will replace most of the lower voltage distribution plant over the next few years. It is our expectation that the loss factor should decrease as a result of this activity.

Updating the loss adjustment factor will also reduce the amount accumulated in the deferral variance account.

(Appendix G) and (Appendix H) provide detailed calculations.

Bill Impacts for Line Losses

| | |
|--|---------------|
| ➤ Residential customer using 1,000 kWh per month | .83% increase |
| ➤ Small General Service using 2,000 kWh per month | .79% increase |
| ➤ General Service > 50 kW 40,000 kWh/100 kW | .76% increase |
| ➤ General Service 3,000 to 4,999 kW 2,000,000 kWh/4,000kWh | .76% increase |

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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*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.



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| 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 Wrksh | 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 Wrksh | 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 Wrksh | Enter Price Cap Adjustment Data | |
| F1.2 Price Cap Adjustment - Gen | Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes | |
| F1.3 Price Cap Adjustment - Unq | Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes | |
| G1.1 Aft PrcCp Base Dst Rts Gen | Base Distribution Rates after Price Cap Adjustment - General Rate Class | |
| G2.1 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>Q1.1 Sum of Chgs To MSC&DX Gen</u> | Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge |
| <u>Q1.2 Sum of Chgs To MSC&DX Uniq</u> | Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge |
| <u>Q2.1 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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Current & Proposed Tariff Sheets



Bill Impacts Generator

Instructions

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

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

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

| Rate Group | Rate Class | Applied for Status | Fixed Metric | Vol Metric |
|------------|-----------------------------------|--------------------|--------------------------|------------|
| RES | Residential | Continuing | NA | NA |
| 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 | kWh |
| GSGT50 | General Service 3,000 to 4,999 kW | Continuing | Customer - 12 per year | kWh |
| USL | Unmetered Scattered Load | Continuing | Customer - 12 per year | kWh |
| Sen | Sentinel Lighting | Continuing | Connection - 12 per year | kWh |
| SL | Street Lighting | Continuing | Connection - 12 per year | kWh |
| 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
DDMMYYYY

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

DDMMYYYY

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 |
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/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 | 1.5844 |
| Wholesale Market Service Rate | \$/kW | 0.0000 |
| Rural Rate Protection Charge | \$/kWh | 0.0052 |
| Standard Supply Service – Administrative Charge (if applicable) | \$/kWh | 0.0010 |
| | \$ | 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 |
| 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 |
| Wholesale Market Service Rate | \$/kWh | 0.0000 |
| Rural Rate Protection Charge | \$/kWh | 0.0052 |
| Standard Supply Service – Administrative Charge (if applicable) | \$/kWh | 0.0010 |
| | \$ | 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 | | Current Base Rates |
|-----------------------------------|--------------------------|---------------|--------------|--|--------------------|
| | | | Rate Adder | | |
| Residential | | | | | |
| General Service Less Than 50 kW | Customer - 12 per year | 12.790000 | 0.260000 | | 12.530000 |
| General Service 50 to 2,999 kW | Customer - 12 per year | 21.960000 | 0.260000 | | 21.700000 |
| General Service 3,000 to 4,999 kW | Customer - 12 per year | 311.660000 | 0.260000 | | 311.400000 |
| Unmetered Scattered Load | Customer - 12 per year | 2,399.560000 | 0.260000 | | 2,399.300000 |
| Sentinel Lighting | Customer - 12 per year | 21.750000 | 0.000000 | | 21.750000 |
| Street Lighting | Connection - 12 per year | 1.980000 | 0.000000 | | 1.980000 |
| | 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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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



| | | | | | | |
|----------|---------|-------------------|----------------------|-----------------------|----------------------------------|------------------------|
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|----------|---------|-------------------|----------------------|-----------------------|----------------------------------|------------------------|

K-Factor Derivation Worksheet

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

Capital Structure Transition

Size of Utility (Rate Base)

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

Cost of Capital parameters

| | | | |
|-----------------|---|---------------|--|
| ROE | A | 9.00% | (Board Approved 2006 EDR Model, Sheet 3-2, Cell E32) |
| Debt Rate | B | 5.00% | (Board Approved 2006 EDR Model, Sheet 3-2, Cell C25) |
| Rate Base | C | \$ 36,301,921 | (Board Approved 2008 EDR Model, Sheet 3-1, Cell F21) |
| Size of Utility | D | Small | |

Deemed Capital Structure

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

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

Cost of Capital

| | | | | |
|------|----|-------|---------------------------|---|
| 2006 | G | 7% | = (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

| | | | |
|------|----|-----------------|----------------|
| 2006 | 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)

| | | | |
|------|----|-----------------|----------|
| 2006 | N | \$ 9,786,526.47 | = I + K |
| 2008 | O | \$ 9,738,607.93 | = J + K |
| 2009 | O2 | \$ 9,669,237.32 | = J1 + K |

Target Net Income (EBIT)

| | | |
|------|-----------------|------------------|
| 2006 | \$ 1,633,596.45 | P1 = I - P2 |
| 2008 | \$ 1,525,769.74 | Q1 = J - Q2 |
| 2009 | \$ 1,414,685.66 | Q1.2 = J1 - Q2.2 |

Interest Expense

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

PILs

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

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 T (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)

PILs Allowance \$ 1,261,920 U (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)

| | | | | |
|----------------|------|--------------|-----|---|
| Taxable Income | 2006 | \$ 2,050,753 | AC | (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11) |
| | 2008 | \$ 2,011,810 | AD | = AC + (Q1 - P1) * (R / 100) |
| | 2009 | \$ 1,971,686 | AD1 | = AC + (Q1.2 - P1) * (R / 100) |

| | | | | |
|--------------------------|------|--------------|----|-----------------------------------|
| Federal Tax (grossed up) | 2006 | \$ 1,159,568 | V | = AC * (R / 100) / (1 - R / 100) |
| | 2008 | \$ 1,137,548 | W | = AD * (R / 100) / (1 - R / 100) |
| | 2009 | \$ 1,114,861 | W1 | = 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 | \$ 10,983,203.68 | 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)

| | | | | |
|------------|------|-----------------|-------|----------------|
| Difference | 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% | 0.013850 |
| 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 | kWh | 2.178300 | Yes | -0.700% | 0.015248 |
| General Service 3,000 to 4,999 kW | kWh | 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 |



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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



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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 PIL/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

Grossed up taxes as a % of Revenue Requirement

| | 2006 | 2008 | 2008 Adjustment | 2009 | 2009 Adjustment |
|--|-----------|-----------|-----------------|-----------|---|
| 2006 Regulatory Taxable Income (K-Factor Cell H87) | 2,050,753 | 2,050,753 | | 2,050,753 | |
| 2006 Corporate Income Tax Rate (K-Factor Cell E79) | 36.12% | 33.50% | | 33.00% | |
| Corporate PIL/Income Tax Provision for Test Year | 740,732 | 687,002 | -126,482 | 676,748 | |
| Income Tax (grossed-up) | 1,159,598 | 1,033,089 | -126,482 | 1,010,072 | -23,014 ← 2009 Amount to be adjusted |
| From 2006 EDR Model | | | | | |
| 2006 EDR Base Revenue Requirement From Distribution Rates (K-Factor Cell E105) | 9,905,458 | 9,905,458 | | 9,905,458 | |
| Grossed up taxes as a % of Revenue Requirement | 11.700% | 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 | Federal Tax Adjustment General | | | | |
| Metric Applied To | All Customers | | | | |
| Method of Application | Both Uniform% | | | | |
| Uniform Service Charge Percent | -0.200% | | | | |
| Monthly Service Charge | Uniform Volumetric Charge Percent | | | | |
| | | | | | -0.200% kWh -0.200% kW |
| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
| Residential | Customer - 12 per year | 12.530000 | Yes | -0.200% | 0.025060 |



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Instructions

This worksheet applies the 2009 Federal Tax Rate Adjustment Factor to all unique classes.
 No input required.

| | | | |
|--|--|--|---|
| Rate Rebalancing Adjustment Metric Applied To Method of Application Uniform Service Charge Percent Monthly Service Charge <u>Class</u> | Federal Tax Adjustment Unique All Customers Both Uniform% -0.200% <u>Metric</u> Base Rate To This Class <u>% Adjustment</u> Adj To Base | Uniform Volumetric Charge Percent -0.200% kWh -0.200% kW | Base Rate To This Class <u>% Adjustment</u> Adj To Base |
|--|--|--|---|



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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 - | | Rate Rebal Base |
|-----------------------------------|--------------------------|--------------|-----------------------|------------------------|-----------------|
| | | | General | Federal Tax Adjustment | |
| 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 - | | Rate Rebal Base |
|-----------------------------------|--------|-----------|-----------------------|------------------------|-----------------|
| | | | General | Federal Tax Adjustment | |
| 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 | kWh | 2.178300 | -0.015248 | -0.004357 | 2.158695 |
| General Service 3,000 to 4,999 kW | kWh | 0.732100 | -0.005125 | -0.001464 | 0.725511 |
| Unmetered Scattered Load | kWh | 0.013900 | -0.000097 | -0.000028 | 0.013775 |
| Sentinel Lighting | kWh | 6.901800 | -0.048313 | -0.013804 | 6.839683 |
| Street Lighting | kWh | 2.357000 | -0.016499 | -0.004714 | 2.335787 |



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Instructions

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

Board staff will make the necessary adjustment to cell C22.

No input required.

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



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Instructions

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

No input required.

Price Cap Adjustment

Price Cap Adjustment - General

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

1.100%

Uniform Volumetric Charge Percent

1.100% kWh
1.100% kW

Monthly Service Charge

| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
|-----------------------------------|--------------------------|--------------|---------------|--------------|-------------|
| Residential | Customer - 12 per year | 12,417,230 | Yes | 1.100% | 0.136590 |
| General Service Less Than 50 kW | Customer - 12 per year | 21,504,700 | Yes | 1.100% | 0.236552 |
| General Service 50 to 2,999 kW | Customer - 12 per year | 308,597,400 | Yes | 1.100% | 3.394571 |
| General Service 3,000 to 4,999 kW | Customer - 12 per year | 2377,706,300 | Yes | 1.100% | 26,154,769 |
| Unmetered Scattered Load | Customer - 12 per year | 21,554,250 | Yes | 1.100% | 0.237097 |
| Sentinel Lighting | Connection - 12 per year | 1,962,180 | Yes | 1.100% | 0.021584 |
| Street Lighting | Connection - 12 per year | 0,436,040 | 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 | kWh | 2.158695 | Yes | 1.100% | 0.023746 |
| General Service 3,000 to 4,999 kW | kWh | 0.725511 | Yes | 1.100% | 0.007981 |
| Unmetered Scattered Load | kWh | 0.013775 | Yes | 1.100% | 0.000152 |
| Sentinel Lighting | kWh | 6.839683 | Yes | 1.100% | 0.075237 |
| Street Lighting | kWh | 2.335787 | Yes | 1.100% | 0.025694 |



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Instructions

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

No input required.

Price Cap Adjustment

Price Cap Adjustment - Unique

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

1.100%

Uniform Volumetric Charge Percent

1.100% kWh
1.100% kW

Monthly Service Charge

Class

Metric

Base Rate

To This Class

% Adjustment

Adj To Base

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 | | | | |
| General Service Less Than 50 kW | Customer - 12 per Year | 12,417,230 | 0.136590 | 12,553,820 |
| General Service 50 to 2,999 kW | Customer - 12 per Year | 21,504,700 | 0.236552 | 21,741,252 |
| General Service 3,000 to 4,999 kW | Customer - 12 per Year | 308,597,400 | 3.394571 | 311,991,971 |
| Unmetered Scattered Load | Customer - 12 per Year | 2377,706300 | 26.154769 | 2403,861069 |
| Sentinel Lighting | Customer - 12 per Year | 21,554,250 | 0.237097 | 21,791,347 |
| Street Lighting | Connection - 12 per Year | 1,962,180 | 0.021584 | 1,983,764 |
| | Connection - 12 per Year | 0,436,040 | 0.004796 | 0,440,836 |

Volumetric Distribution Charge

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



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Instructions

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

No input required.

Monthly Service Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cap Base

Volumetric Distribution Charge

Class

Metric Base Rate

Price Cap Adjustment - Unique

After Price Cap Base



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Instructions
Enter your Smart Meter Rate Adder in cell D28.

Rate Adder Smart Meters Rate Adder

Applied for Status Continuing

Metric Applied To Metered Customers

Method of Application Uniform Service Charge

Uniform Service Charge Amount 1.890000

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|-----------------------------------|------------------|--------------|------------------------|------------|------------|
| Residential | Yes | 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

DDMMYYYY

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

DDMMYYYY

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 | kV |
| General Service 3,000 to 4,999 kW | No | 0.000000 | Customer - 12 per year | 0.000000 | kV |
| Unmetered Scattered Load | No | 0.000000 | Customer - 12 per year | 0.000000 | kWh |
| Sentinel Lighting | No | 0.000000 | Connection - 12 per year | 0.000000 | kV |
| Street Lighting | No | 0.000000 | Connection - 12 per year | 0.000000 | kV |

Rate Rider

LV Wheeling

Sunset Date

DDMM/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 | kWh | 2.182441 | 0.000000 | 2.182441 |
| General Service 3,000 to 4,999 KW | kWh | 0.733492 | 0.000000 | 0.733492 |
| Unmetered Scattered Load | kWh | 0.013927 | 0.000000 | 0.013927 |
| Sentinel Lighting | kWh | 6.914920 | 0.000000 | 6.914920 |
| Street Lighting | kWh | 2.361481 | 0.000000 | 2.361481 |



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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
11.000%

Rate Class
Residential
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KWh | 0.004700 | 11.000% | 0.000517 | 0.005217 |

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

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KWh | 0.004300 | 11.000% | 0.000473 | 0.004773 |

Rate Class
General Service 50 to 2,999 kW
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KWh | 1.739900 | 11.000% | 0.191389 | 1.931289 |

Rate Class
General Service 3,000 to 4,999 kW
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/KW | 1.945700 | 11.000% | 0.203027 | 2.048727 |

Rate Class
Unmetered Scattered Load
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KWh | 0.004300 | 11.000% | 0.000473 | 0.004773 |

Rate Class
Sentinel Lighting
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KW | 1.318800 | 11.000% | 0.145088 | 1.463888 |

Rate Class
Street Lighting
Applied to Class
Yes

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Network Service Rate | \$/KW | 1.312200 | 11.000% | 0.144342 | 1.456542 |



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Method of Application

Uniform Percentage

Uniform Percentage

0.000%



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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 | 5.000% |

Rate Class
Residential

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KWh | 0.004650 | 5.000% | 0.000225 | 0.004725 |

Rate Class
General Service Less Than 50 kW

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KWh | 0.004400 | 5.000% | 0.000200 | 0.004200 |

Rate Class
General Service 50 to 2,999 kW

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KWh | 1.584400 | 5.000% | 0.079220 | 1.663620 |

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

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|---|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered | \$/KW | 1.751000 | 5.000% | 0.087550 | 1.838550 |

Rate Class
Unmetered Scattered Load

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KWh | 0.004400 | 5.000% | 0.000200 | 0.004200 |

Rate Class
Sentinel Lighting

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KW | 1.250500 | 5.000% | 0.062525 | 1.313025 |

Rate Class
Street Lighting

| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
|--|------------|----------------|--------------|---------------|--------------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/KW | 1.224800 | 5.000% | 0.061240 | 1.286040 |



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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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Instructions

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

No input required.



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Bill Impacts Generator

Instructions

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

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

LOSS FACTORS

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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Bill Impacts Generator

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

| | Fixed (\$) | Volumetric (\$/kWh) |
|--------------------------------|------------|---------------------|
| Residential | | |
| Current Rates | 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 | 21.96 | 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 (\$/kWh) |
|---------------------------------------|------------|---------------------|
| 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 (\$/kWh) |
|--|------------|---------------------|
| 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 |
|--------------------------------|-------|------------|
| | (\$) | \$/kW |
| Sentinel Lighting | | |
| 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 |
|--------------------------------|-------|------------|
| | (\$) | \$/kW |
| Street Lighting | | |
| 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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Tariff Sheet



Proposed
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Bill Impacts
Generator

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



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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 | 1,000 KWh | Load Factor | - KW |
| RPP Tier One | 600 KWh | | |

Loss Factor 1.0387

| | 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% | 52.66% |
| 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 | | | 26.28 | 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% | 4.56% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 1,039 | 0.0045 | 4.68 | 1,039 | 0.0047 | 4.89 | 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% | 4.56% |
| 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 |
| KW | | | | | |
| Load Factor | | | | | |

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 | 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 |
| % 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 |
| % 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 |
| % of Total Bill | 50.4% | 37.3% | 31.0% | 27.1% | 25.1% |

Regulatory

| | | | | | |
|------------------|---------|---------|---------|----------|----------|
| Applied For Bill | \$ 1.96 | \$ 4.11 | \$ 6.69 | \$ 10.55 | \$ 14.75 |
| Current Bill | \$ 1.96 | \$ 4.11 | \$ 6.69 | \$ 10.55 | \$ 14.75 |
| % 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 | 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 | \$ 6.62 | \$ 8.69 | \$ 12.03 |
| Current Bill | \$ 1.84 | \$ 3.47 | \$ 6.50 | \$ 8.55 | \$ 11.86 |
| % Impact | 0.09 | 0.10 | 0.12 | 0.14 | 0.17 |
| % of Total Bill | 4.9% | 2.9% | 2.2% | 1.6% | 1.4% |

Total Bill

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 40.55 | \$ 75.01 | \$ 118.00 | \$ 182.52 | \$ 252.53 |
| Current Bill | \$ 38.63 | \$ 72.83 | \$ 115.51 | \$ 179.57 | \$ 249.07 |
| % Impact | 1.92 | 2.18 | 2.49 | 2.95 | 3.46 |
| % of Total Bill | 5.0% | 3.0% | 2.2% | 1.6% | 1.4% |

Rounding Applied -0.010000
Rounding Current -0.010000

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Instructions

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

General Service Less Than 50 kW

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 21.98 | 23.63 |
| Service Charge Rate Riders) | \$ | 0.64 | 0.64 |
| Distribution Volumetric Rate | \$/kWh | 0.0139 | 0.0139 |
| Distribution Volumetric Rate Riders) | \$/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 | 2,000 | kWh | Load Factor | - | kW |
|---------------------|------------|------------|--------------------|---|----|
| RPP Tier One | 750 | 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% | 17.69% |
| Energy Second Tier (kWh) | 1,328 | 0.0650 | 86.32 | 1,328 | 0.0650 | 86.32 | 0.00 | 0.0% | 35.34% |
| Sub-Total: Energy | | | 128.32 | | | 128.32 | 0.00 | 0.0% | 54.02% |
| Service Charge | 1 | 21.98 | 21.98 | 1 | 23.63 | 23.63 | 1.67 | 7.6% | 9.95% |
| Service Charge Rate Riders) | 1 | 0.64 | 0.64 | 1 | 0.64 | 0.64 | 0.00 | 0.0% | 0.27% |
| Distribution Volumetric Rate | 2,000 | 0.0139 | 27.80 | 2,000 | 0.0139 | 27.80 | 0.00 | 0.0% | 11.70% |
| Distribution Volumetric Rate Riders) | 2,000 | 0.0000 | 0.00 | 2,000 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Total: Distribution | | | 50.40 | | | 52.07 | 1.67 | 3.3% | 21.92% |
| Retail Transmission Rate – Network Service Rate | 2,078 | 0.0043 | 8.94 | 2,078 | 0.0048 | 9.97 | 1.03 | 11.5% | 4.20% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 2,078 | 0.0040 | 8.31 | 2,078 | 0.0042 | 8.73 | 0.42 | 5.1% | 3.68% |
| Total: Retail Transmission | | | 17.25 | | | 18.70 | 1.45 | 8.4% | 7.87% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 67.85 | | | 70.77 | 3.12 | 4.6% | 29.79% |
| Wholesale Market Service Rate | 2,078 | 0.0052 | 10.81 | 2,078 | 0.0052 | 10.81 | 0.00 | 0.0% | 4.55% |
| Rural Rate Protection Charge | 2,078 | 0.0010 | 2.08 | 2,078 | 0.0010 | 2.08 | 0.00 | 0.0% | 0.89% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.11% |
| Sub-Total: Regulatory | | | 13.14 | | | 13.14 | 0.00 | 0.0% | 5.53% |
| Debt Retirement Charge (DRC) | | | 14.00 | | | 14.00 | 0.00 | 0.0% | 5.89% |
| Total Bill before Taxes | | | 223.11 | | | 226.23 | 11.31 | 1.3% | 4.76% |
| GST | | | 234.27 | | | 237.54 | 3.27 | 1.4% | 100.00% |

Rate Class Threshold Test
General Service Less Than 50 kW

| KWh | 1,000 | 5,000 | 10,000 | 15,000 | 20,000 |
|--------------------------|-------|-------|--------|--------|--------|
| Loss Factor Adjusted KWh | 1,039 | 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% | 60.5% | 60.9% |

Distribution

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 38.17 | \$ 93.77 | \$ 163.27 | \$ 232.77 | \$ 302.27 |
| Current Bill | \$ 36.50 | \$ 92.10 | \$ 161.60 | \$ 231.10 | \$ 300.60 |
| \$ 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 | \$ 8.63 | \$ 43.11 | \$ 86.21 | \$ 129.32 | \$ 172.43 |
| \$ 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 | \$ 45.13 | \$ 136.21 | \$ 247.81 | \$ 360.42 | \$ 473.03 |
| \$ 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 | \$ 5.98 | \$ 26.68 | \$ 52.54 | \$ 78.41 | \$ 104.28 |
| \$ 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% | 4.8% | 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 | \$ 125.58 | \$ 560.20 | \$ 1,103.40 | \$ 1,646.89 | \$ 2,189.91 |
| \$ Impact | \$ 2.51 | \$ 5.56 | \$ 9.40 | \$ 13.21 | \$ 17.02 |
| % Impact | 2.0% | 1.0% | 0.9% | 0.8% | 0.8% |



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism

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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 | \$/kWh | 2.1783 | 2.1824 |
| Distribution Volumetric Rate Rider(s) | \$/kWh | - | - |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 1.7399 | 1.9313 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 1.5844 | 1.5636 |
| 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 | 40,000 | kWh | 100 | kW |
| RPP Tier One | 750 | kWh | Load Factor | 54.8% |

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% | 0.97% |
| Energy Second Tier (kWh) | 40,798 | 0.0650 | 2,651.87 | 40,798 | 0.0650 | 2,651.87 | 0.00 | 0.0% | 61.24% |
| Sub-Total: Energy | | | 2,693.87 | | | 2,693.87 | 0.00 | 0.0% | 62.21% |
| Service Charge | 1 | 311.66 | 311.66 | 1 | 313.88 | 313.88 | 2.22 | 0.7% | 7.25% |
| Service Charge Rate Rider(s) | 1 | 0.64 | 0.64 | 1 | 0.64 | 0.64 | 0.00 | 0.0% | 0.01% |
| Distribution Volumetric Rate | 100 | 2.1783 | 217.83 | 100 | 2.1824 | 218.24 | 0.41 | 0.2% | 5.04% |
| Distribution Volumetric Rate Rider(s) | 100 | 0.0000 | 0.00 | 100 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Total: Distribution | | | 530.13 | | | 532.76 | 2.63 | 0.5% | 12.30% |
| Retail Transmission Rate – Network Service Rate | 100 | 1.7399 | 173.99 | 100 | 1.9313 | 193.13 | 19.14 | 11.0% | 4.46% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 100 | 1.5844 | 158.44 | 100 | 1.5636 | 156.36 | 7.92 | 5.0% | 3.84% |
| Total: Retail Transmission | | | 332.43 | | | 359.49 | 27.06 | 8.1% | 8.30% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 882.56 | | | 892.25 | 29.69 | 3.4% | 20.61% |
| Wholesale Market Service Rate | 41,548 | 0.0052 | 216.05 | 41,548 | 0.0052 | 216.05 | 0.00 | 0.0% | 4.59% |
| Rural Rate Protection Charge | 41,548 | 0.0010 | 41.55 | 41,548 | 0.0010 | 41.55 | 0.00 | 0.0% | 0.96% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.01% |
| Sub-Total: Regulatory | | | 257.85 | | | 257.85 | 0.00 | 0.0% | 5.95% |
| Debt Retirement Charge (DRC) | 40,000 | 0.00700 | 280.00 | 40,000 | 0.00700 | 280.00 | 0.00 | 0.0% | 6.47% |
| Total Bill before Taxes | | | 4,094.28 | | | 4,123.97 | 29.69 | 0.7% | 95.24% |
| GST | 4,094.28 | 5% | 204.71 | 4,123.97 | 5% | 206.20 | 1.49 | 0.7% | 4.76% |
| Total | | | 4,298.99 | | | 4,330.17 | 31.18 | 0.7% | 100.00% |

**Rate Class Threshold Test
General Service 50 to 2,999 KW**

| | | | | | |
|--------------------------|--------|---------|---------|---------|-----------|
| KWH | 20,000 | 309,000 | 594,000 | 899,000 | 1,204,000 |
| Loss Factor Adjusted KWH | 20,774 | 320,959 | 616,988 | 933,792 | 1,250,595 |
| KW | 50 | 770 | 1,480 | 2,240 | 3,000 |
| Load Factor | 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 | 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 |
| % of Total Bill | 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 |
| % of Total Bill | 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 | \$ 13,256.67 | \$ 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 |
| % of Total Bill | 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 | 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 | 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 |
| % of Total Bill | 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 |
| % of Total Bill | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |



Ontario Energy Board

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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 | \$/KWh | 0.7321 | 0.7335 |
| Distribution Volumetric Rate Rider(s) | \$/KWh | - | - |
| Retail Transmission Rate - Network Service Rate | \$/KWh | 1.8457 | 2.0467 |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/KWh | 1.7510 | 1.8396 |
| 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 | 2,000,000 | KWh | 4,000 | KW |
| RPP Tier One | 750 | KWh | Load Factor | 68.5% |

Loss Factor 1.0387

| | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|------------|----------|-------------------|------------|----------|-------------------|-----------------|-------------|-----------------|
| Energy First Tier (KWh) | 750 | 0.0950 | 42.00 | 750 | 0.0560 | 42.00 | 0.00 | 0.0% | 0.02% |
| Energy Second Tier (KWh) | 2,076,650 | 0.0650 | 134,982.25 | 2,076,650 | 0.0650 | 134,982.25 | 0.00 | 0.0% | 70.33% |
| Sub-Total: Energy | | | 135,024.25 | | | 135,024.25 | 0.00 | 0.0% | 70.35% |
| Service Charge | 1 | 2,399.56 | 2,399.56 | 1 | 2,405.75 | 2,405.75 | 6.19 | 0.3% | 1.25% |
| 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% | 1.53% |
| 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% | 2.78% |
| Retail Transmission Rate - Network Service Rate | 4,000 | 1.8457 | 7,382.80 | 4,000 | 2.0467 | 8,194.80 | 812.00 | 11.0% | 4.27% |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | 4,000 | 1.7510 | 7,004.00 | 4,000 | 1.8396 | 7,354.40 | 350.40 | 5.0% | 3.85% |
| Total: Retail Transmission | | | 14,386.80 | | | 15,549.20 | 1,162.40 | 8.1% | 8.10% |
| Wholesale Market Service Rate | 2,077,400 | 0.0052 | 10,802.48 | 2,077,400 | 0.0052 | 20,889.59 | 1,174.19 | 6.0% | 10.88% |
| Rural Rate Protection Charge | 2,077,400 | 0.0010 | 2,077.40 | 2,077,400 | 0.0010 | 2,077.40 | 0.00 | 0.0% | 5.63% |
| 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 | | | 12,880.13 | | | 12,880.13 | 0.00 | 0.0% | 6.71% |
| Debt Retirement Charge (DRC) | 2,000,000 | 0.00700 | 14,000.00 | 2,000,000 | 0.00700 | 14,000.00 | 0.00 | 0.0% | 7.29% |
| Total Bill before Taxes | | | 181,619.78 | | | 182,793.97 | 1,174.19 | 0.6% | 95.24% |
| GST | 181,619.78 | 5% | 9,080.99 | 182,793.97 | 5% | 9,139.70 | 58.71 | 0.6% | 4.76% |
| | | | 190,700.77 | | | 191,933.67 | 1,232.90 | 0.6% | 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 | | 1,363,814 | 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 | \$ 147,794.72 |
| Current Bill | \$ 88,641.16 | \$ 103,427.03 | \$ 118,212.91 | \$ 132,998.78 | \$ 147,794.72 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 69.9% | 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 | \$ 4,596.30 | \$ 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 | \$ 13,606.55 | \$ 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 | \$ 9,886.24 | \$ 11,276.58 | \$ 12,686.93 | \$ 14,097.29 |
| Current Bill | \$ 8,455.89 | \$ 9,886.24 | \$ 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% |



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Instructions

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

Unmetered Scattered Load

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 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 | 1,000 | kWh | 0 | kW |
| RPP Tier One | 750 | kWh | Load Factor | |

Loss Factor 1.0387

| | Volume | RATE | CHARGE | Volume | RATE | CHARGE | \$ | % | % of Total Bill |
|--|--------|---------|---------------|--------|---------|---------------|-------------|-------------|-----------------|
| Energy First Tier (kWh) | 750 | 0.0960 | 42.00 | 750 | 0.0960 | 42.00 | 0.00 | 0.0% | 33.29% |
| Energy Second Tier (kWh) | 289 | 0.0650 | 18.79 | 289 | 0.0650 | 18.79 | 0.00 | 0.0% | 14.89% |
| Sub-Total: Energy | | | 60.79 | | | 60.79 | 0.00 | 0.0% | 48.18% |
| Service Charge | 1 | 21.75 | 21.75 | 1 | 21.79 | 21.79 | 0.04 | 0.2% | 17.27% |
| Service Charge Rate Rider(s) | 1 | 0.64 | 0.64 | 1 | 0.64 | 0.64 | 0.00 | 0.0% | 0.51% |
| Distribution Volumetric Rate | 1,000 | 0.0139 | 13.90 | 1,000 | 0.0139 | 13.90 | 0.00 | 0.0% | 11.02% |
| 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 | | | 36.29 | | | 36.33 | 0.04 | 0.1% | 28.79% |
| Retail Transmission Rate - Network Service Rate | 1,039 | 0.0043 | 4.47 | 1,039 | 0.0048 | 4.99 | 0.52 | 11.6% | 3.95% |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | 1,039 | 0.0040 | 4.16 | 1,039 | 0.0042 | 4.36 | 0.20 | 4.8% | 3.46% |
| Total: Retail Transmission | | | 8.63 | | | 9.35 | 0.72 | 8.3% | 7.41% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 44.92 | | | 45.68 | 0.76 | 1.7% | 36.21% |
| Wholesale Market Service Rate | 1,039 | 0.0052 | 5.40 | 1,039 | 0.0052 | 5.40 | 0.00 | 0.0% | 4.28% |
| Rural Rate Protection Charge | 1,039 | 0.0010 | 1.04 | 1,039 | 0.0010 | 1.04 | 0.00 | 0.0% | 0.82% |
| Standard Supply Service - Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.20% |
| Sub-Total: Regulatory | | | 6.69 | | | 6.69 | 0.00 | 0.0% | 5.30% |
| Debt Retirement Charge (DRC) | 1,000 | 0.00700 | 7.00 | 1,000 | 0.00700 | 7.00 | 0.00 | 0.0% | 5.55% |
| Total Bill before Taxes | | | 119.40 | | | 120.16 | 7.00 | 0.0% | 95.24% |
| GST | 119.40 | 5% | 5.97 | 120.16 | 5% | 6.01 | 0.04 | 0.7% | 4.76% |
| Total | | | 125.37 | | | 126.17 | 0.80 | 0.6% | 100.00% |

**Rate Class Threshold Test
Unmetered Scattered Load**

| | KWh | 500 | 5,000 | 10,000 | 15,000 | 20,000 |
|--------------------------|-----|-------|--------|--------|--------|--------|
| Loss Factor Adjusted KWh | 520 | 5,194 | 10,387 | 15,581 | 20,774 | |
| Load Factor | KW | | | | | |

Energy

| | | | | | |
|------------------|----------|-----------|-----------|-------------|-------------|
| Applied For Bill | \$ 29.12 | \$ 330.86 | \$ 688.40 | \$ 1,006.01 | \$ 1,343.56 |
| Current Bill | \$ 29.12 | \$ 330.86 | \$ 688.40 | \$ 1,006.01 | \$ 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 | \$ 230.99 | \$ 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 | \$ 294.92 | \$ 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 | \$ 64.65 | \$ 96.85 | \$ 129.04 |
| Current Bill | \$ 3.47 | \$ 32.45 | \$ 64.65 | \$ 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% | 5.9% | 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% |



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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 | \$/kWh | 6.90718 | 6.9149 |
| Distribution Volumetric Rate Rider(s) | \$/kWh | - | - |
| Retail Transmission Rate - Network Service Rate | \$/kWh | 1.3188 | 1.4639 |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kWh | 1.2505 | 1.3130 |
| Wholesale Market Service Rate | \$/kWh | 0.0062 | 0.0062 |
| Rural Rate Protection Charge | \$/kWh | 0.0010 | 0.0010 |
| Standard Supply Service - Administration Charge (if applicable) | \$ | 0.25 | 0.25 |

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

Loss Factor 1.0387

| | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|--------------|--------|---------|--------------|-------------|-------------|-----------------|
| Energy First Tier (kWh) | 187 | 0.0560 | 10.47 | 187 | 0.0560 | 10.47 | 0.00 | 0.0% | 39.20% |
| Energy Second Tier (kWh) | 0 | 0.0650 | 0.00 | 0 | 0.0650 | 0.00 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Energy | | | 10.47 | | | 10.47 | 0.00 | 0.0% | 39.20% |
| Service Charge | 1 | 1.98 | 1.98 | 1 | 1.98 | 1.98 | 0.00 | 0.0% | 7.41% |
| Service Charge Rate Rider(s) | 1 | 0.64 | 0.64 | 1 | 0.64 | 0.64 | 0.00 | 0.0% | 2.40% |
| Distribution Volumetric Rate | 1 | 6.9018 | 6.90 | 1 | 6.9149 | 6.91 | 0.01 | 0.1% | 25.87% |
| Distribution Volumetric Rate Rider(s) | 1 | 0.0000 | 0.00 | 1 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Total: Distribution | | | 9.52 | | | 9.53 | 0.01 | 0.1% | 35.68% |
| Retail Transmission Rate - Network Service Rate | 1 | 1.3188 | 1.32 | 1 | 1.4639 | 1.46 | 0.14 | 10.69% | 5.47% |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | 1 | 1.2505 | 1.25 | 1 | 1.3130 | 1.31 | 0.06 | 4.8% | 4.90% |
| Total: Retail Transmission | | | 2.57 | | | 2.77 | 0.20 | 7.8% | 10.37% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 12.09 | | | 12.30 | 0.21 | 1.7% | 46.05% |
| Wholesale Market Service Charge | 187 | 0.0052 | 0.97 | 187 | 0.0052 | 0.97 | 0.00 | 0.0% | 3.63% |
| Rural Rate Protection Charge | 187 | 0.0010 | 0.19 | 187 | 0.0010 | 0.19 | 0.00 | 0.0% | 0.71% |
| Standard Supply Service - Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.94% |
| Sub-Total: Regulatory | | | 1.41 | | | 1.41 | 0.00 | 0.0% | 5.28% |
| Debt Retirement Charge (DRC) | | | 1.26 | | | 1.26 | 0.00 | 0.0% | 4.72% |
| Total Bill before Taxes | | | 25.23 | | | 25.44 | 0.21 | 0.8% | 95.25% |
| GST | | | 1.26 | | | 1.27 | 0.01 | 0.8% | 4.75% |
| | | | 25.23 | | | 25.44 | 0.21 | 0.8% | 95.25% |
| | | | 28.49 | | | 26.71 | 0.22 | 0.8% | 100.00% |

Rate Class Threshold Test
Sentinel Lighting

| | 70 | 130 | 180 | 270 | 360 |
|--------------------------|------|------|------|------|------|
| 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 | 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% |
| % 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% |
| % 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% |
| % 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 | 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 | 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% |
| % 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% |
| % of Total Bill | 1.2% | 1.0% | 0.8% | 0.7% | 0.5% |



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Instructions

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

Street Lighting

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 0.44 | 0.44 |
| Service Charge Rate Rider(s) | \$ | 0.64 | 0.64 |
| Distribution Volumetric Rate | \$/kWh | 2.3570 | 2.3615 |
| Distribution Volumetric Rate Rider(s) | \$/kWh | - | - |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 1.3122 | 1.4565 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 1.2248 | 1.2860 |
| 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 | 250,000 | kWh | 750.00 | kWh |
| RPP Tier One | 750 | kWh | Load Factor | 45.7% |

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% | 0.17% |
| Energy Second Tier (kWh) | 258,925 | 0.0650 | 16,830.13 | 258,925 | 0.0650 | 16,830.13 | 0.00 | 0.0% | 66.62% |
| Sub-Total: Energy | | | 16,872.13 | | | 16,872.13 | 0.00 | 0.0% | 66.79% |
| Service Charge | 1 | 0.44 | 0.44 | 1 | 0.44 | 0.44 | 0.00 | 0.0% | 0.00% |
| Service Charge Rate Rider(s) | 1 | 0.64 | 0.64 | 1 | 0.64 | 0.64 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate | 750 | 2.3570 | 1,767.75 | 750 | 2.3615 | 1,771.13 | 3.38 | 0.2% | 7.01% |
| Distribution Volumetric Rate Rider(s) | 750 | 0.0000 | 0.00 | 750 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Total: Distribution | | | 1,768.83 | | | 1,772.21 | 3.38 | 0.2% | 7.01% |
| Retail Transmission Rate – Network Service Rate | 750 | 1.3122 | 984.15 | 750 | 1.4565 | 1,092.39 | 108.23 | 11.0% | 4.32% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 750 | 1.2248 | 918.50 | 750 | 1.2860 | 964.50 | 45.90 | 5.0% | 3.82% |
| Total: Retail Transmission | | | 1,902.75 | | | 2,056.88 | 154.13 | 8.1% | 8.14% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 3,671.58 | | | 3,829.09 | 157.51 | 4.3% | 15.16% |
| Wholesale Market Service Rate | 259,675 | 0.0052 | 1,350.31 | 259,675 | 0.0052 | 1,350.31 | 0.00 | 0.0% | 5.34% |
| Rural Rate Protection Charge | 259,675 | 0.0010 | 259.68 | 259,675 | 0.0010 | 259.68 | 0.00 | 0.0% | 1.03% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Regulatory | | | 1,610.24 | | | 1,610.24 | 0.00 | 0.0% | 6.37% |
| Sub-Total: Debt Retirement Charge (DRC) | | | 1,750.00 | | | 1,750.00 | 0.00 | 0.0% | 6.93% |
| Total Bill before Taxes | | | 23,903.95 | | | 24,061.46 | 157.51 | 0.7% | 95.24% |
| GST | | | 23,903.95 | | | 1,195.20 | 7.87 | 0.7% | 4.76% |
| | | | 25,099.15 | | | 25,264.53 | 165.38 | 0.7% | 100.00% |

Rate Class Threshold Test
Street Lighting

| | 70 | 130 | 180 | 270 | 360 |
|--------------------------|------|------|------|------|------|
| Loss Factor Adjusted KWh | 73 | 136 | 187 | 281 | 374 |
| KWh | 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% |



Ontario Energy Board

Commission de l'énergie de l'Ontario

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Instructions

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

Allowances

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

| Metric | Current |
|--------|---------|
| \$/kW | -0.60 |
| % | 1.0 |



Ontario Energy Board

Commission de l'énergie de l'Ontario

2nd Generation Incentive Regulation Mechanism

Email the Board



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

| | Metric | Current |
|--|----------|---------|
| One-time charge, per retailer, to establish the service agreement between the distributor and the retailer | \$ | 100.00 |
| Monthly Fixed Charge, per retailer | \$ | 20.00 |
| Monthly Variable Charge, per customer, per retailer | \$/cust. | 0.50 |
| Distributor-consolidated billing charge, per customer, per retailer | \$/cust. | 0.30 |
| Retailer-consolidated billing credit, per customer, per retailer | \$/cust. | 0.30 |

Service Transaction Requests (STR)

| | | |
|--|----|-----------|
| 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) | | |

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**
- G) Total Loss Adjustment Factor Calculation**
- H) Supply Facilities Loss Factor**

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

| | Metric | Current |
|---|--------|---------|
| 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

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

Other

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

Allowances

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

Retail Service Charges (if applicable)

Retail Service Charges (if applicable)

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

Service Transaction Requests (STR)

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

LOSS FACTORS

| | Current |
|---|---------|
| Total Loss Factor - Secondary Metered Customer < 5,000 kW | 1.0387 |
| 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

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

Smart Meter Unit Installation Plan:

assume calendar year installation

Planned number of Residential smart meters to be installed

Planned number of General Service Less Than 50 KW smart meters

Planned Meter Installation (Residential and Less Than 50 KW only)

Percentage of Completion

Planned number of General Service Greater Than 50 KW smart meters

Planned / Actual Meter Installations

Other Unit Installation Plan:

assume calendar year installation

Planned number of Collectors to be installed

Planned number of Repeaters to be installed

Other: Please specify

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|--------------------------|------|------|------|--------|------|------|-------|--------|
| Actual | - | 700 | - | 22,273 | - | - | - | 21,573 |
| Forecasted | - | - | - | 21,573 | - | - | - | 21,573 |
| Total | - | 700 | - | 22,273 | - | - | - | 22,273 |
| Percentage of Completion | 0% | 0% | 0% | 100% | 100% | 100% | 100% | 100% |

Capital Costs

1.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

1.1.1 Smart Meter

may include meter, meter and module, etc.

1.1.2 Installation Cost

may include socket, job site prep, labor, benefits, vehicle, etc.

1.1.3a Workforce Automation Hardware

may include fabricator hardware, barcode hardware, etc.

1.1.3b Workforce Automation Software

may include fabricator hardware, barcode hardware, etc.

Total Advanced Metering Communication Device (AMCD)

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

1.2.1 Collectors

1.2.2 Repeaters

may include radio tower, etc.

1.2.3 Installation

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

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

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

1.3.1 Computer Hardware

1.3.2 Computer Software

1.3.3 Computer Software License & Installation (includes hardware & software)
may include Adv400 disk space, backup & recovery computer, UPS, etc.

Total Advanced Metering Control Computer (AMCC)

1.4 WIDE AREA NETWORK (WAN)

1.4.1 Activation Fees

Total Wide Area Network (WAN)

| Asset Type | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|----------------|--------|--------|------------|------------|------------|------------|------------|-----------|
| Smart Meter | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | 2,298,657 |
| Smart Meter | | | \$ | 2,222,197 | \$ | 25,487 | \$ | 25,487 |
| Smart Meter | | | \$ | 570,576 | | | | 570,576 |
| Smart Meter | | | \$ | 29,046 | | | | 29,046 |
| Smart Meter | | | \$ | 37,271 | | | | 37,271 |
| | \$ | \$ | \$ | 2,859,091 | \$ | 25,487 | \$ | 25,487 |
| | \$ | \$ | \$ | 2,859,091 | \$ | 25,487 | \$ | 25,487 |
| Smart Meter | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | 298,871 |
| Smart Meter | | | \$ | 298,871 | | | | 298,871 |
| Comp. Hard. | | | | | | | | - |
| | \$ | \$ | \$ | 298,871 | \$ | | \$ | 298,871 |
| Comp. Hard. | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | 40,087 |
| Comp. Hard. | | | \$ | 40,087 | | | | 40,087 |
| Comp. Soft. | | | \$ | 28,490 | | | | 28,490 |
| Comp. Soft. | | | \$ | 28,490 | | | | 28,490 |
| Comp. Hard. | | | | | | | | - |
| | \$ | \$ | \$ | 68,577 | \$ | | \$ | 68,577 |
| | \$ | \$ | \$ | 68,577 | \$ | | \$ | 68,577 |
| Tools & Equip. | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | - |
| Tools & Equip. | | | | | | | | - |
| | \$ | \$ | \$ | | \$ | \$ | \$ | - |
| | \$ | \$ | \$ | | \$ | \$ | \$ | - |

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|--|----------|-----------|------------|--------------|------------|------------|------------|--------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 1.5.1 Customer equipment (including repair of damaged equipment) | | | | | | | | - |
| 1.5.2 AMI Interface to CIS | | | | | | | | 220,380 |
| 1.5.3 Professional Fees | \$ 6,521 | \$ 29,892 | \$ 29,400 | \$ 29,400 | \$ 141,514 | \$ 78,895 | | \$ 95,213 |
| 1.5.4 Integration | | | | | | \$ 11,340 | | \$ 11,340 |
| 1.5.5 Program Management | | | | | | \$ 22,690 | | \$ 22,690 |
| 1.5.6 Other AMI Capital | | | | | | | | |
| Total Other AMI Capital Costs Related To Minimum Functionality | \$ 6,521 | \$ 29,892 | \$ 29,400 | \$ 193,594 | \$ 90,209 | \$ - | \$ - | \$ 349,613 |
| Total Capital Costs | \$ 6,521 | \$ 29,892 | \$ 29,400 | \$ 3,990,133 | \$ 115,892 | \$ 25,487 | \$ 25,487 | \$ 3,622,611 |

O M & A

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|---|--------|--------|------------|------------|------------|------------|------------|-----------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 2.1.1 Maintenance <i>may include meter replacement costs, etc.</i> | | | | | | | | 74,123 |
| Total Incremental AMI Operation Expenses | \$ - | \$ - | \$ - | \$ 17,680 | \$ 21,092 | \$ 17,680 | \$ 17,680 | \$ 74,123 |

2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (Includes LAN)

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|---|--------|--------|------------|------------|------------|------------|------------|----------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 2.2.1 Maintenance <i>may include meter replacement costs, etc.</i> | | | | | | | | 5,651 |
| Total Incremental AMI Operation Expenses | \$ - | \$ - | \$ - | \$ 1,361 | \$ 1,395 | \$ 1,430 | \$ 1,465 | \$ 5,651 |

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|--|--------|--------|------------|------------|------------|------------|------------|--------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 2.3.1 Hardware Maintenance <i>may include server support, etc.</i> | | | | | | | | 402,386 |
| 2.3.2 Software Maintenance <i>may include maintenance support, etc.</i> | | | | \$ 176,242 | \$ 246,402 | \$ 106,092 | \$ 106,092 | \$ 634,807 |
| Total Advanced Metering Control Computer (AMCC) | \$ - | \$ - | \$ - | \$ 273,143 | \$ 345,726 | \$ 207,889 | \$ 210,434 | \$ 1,037,193 |

2.4 WIDE AREA NETWORK (WAN)

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|---|--------|--------|------------|------------|------------|------------|------------|-------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 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

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|--|--------|----------|------------|------------|------------|------------|------------|------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| 2.5.1 Business Process Redesign | | | | | | | | - |
| 2.5.2 Customer Communication <i>may include project communication, etc.</i> | | | | | | | | 34,592 |
| 2.5.3 Program Management | | | | | | | | 10,234 |
| 2.5.4 Change Management <i>may include training, etc.</i> | | | | | | | | 3,402 |
| 2.5.5 Administration Cost | | | | | | | | - |
| 2.5.6 Other AMI Expenses | | | | | | | | 68,040 |
| 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

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later | Total |
|---------------------|--------|----------|------------|------------|------------|------------|------------|--------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted | Forecasted | |
| Total O M & A Costs | \$ - | \$ 7,734 | \$ 2,500 | \$ 292,186 | \$ 400,966 | \$ 264,538 | \$ 295,292 | \$ 1,233,195 |

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 | \$17,382.25 | \$20,378.49 | \$1,655,465.31 | \$1,578,620.11 | \$1,472,158.99 | \$ - |
| Net Fixed Assets Computer Hardware | \$ - | \$ - | \$ - | \$ - | \$ 26,078.22 | \$ 32,069.53 | \$ - |
| Net Fixed Assets Other Equipment | \$ - | \$ - | \$ - | \$ - | \$ 22,791.72 | \$ 17,053.79 | \$ - |
| Net Fixed Assets Tools & Equipment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Net Fixed Assets | \$3,151.75 | \$17,382.25 | \$20,378.49 | \$1,655,465.31 | \$1,627,551.05 | \$1,521,322.30 | \$ - |
| Working Capital | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Smart Meters Included in Rate Base | \$3,151.75 | \$17,382.25 | \$20,378.49 | \$1,655,465.31 | \$1,627,551.05 | \$1,521,322.30 | \$ - |
| Return on Rate Base | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% |
| Depreciation / LCC (Amortization and Debt) | 40.0% | 40.0% | 46.7% | 43.3% | 40.0% | 40.0% | 40.0% |
| Desired Equity / LCC (Amortization and Debt) | \$3,151.75 | \$10,562.40 | \$18,291.61 | \$1,190,292.99 | \$1,017,276.18 | \$906,601.80 | \$238,872.69 |
| Required Debt Ratio / LCC (Amortization and Debt) | 6.0% | 6.0% | 5.0% | 5.0% | 5.0% | 5.0% | 5.0% |
| Return on Rate Base | \$ 220.62 | \$ 1,297.87 | \$ 2,112.15 | \$ 119,069.80 | \$ 108,994.50 | \$ 100,341.27 | \$ 2,597.56 |
| Operating Expenses | \$ - | \$ 7,724.33 | \$ 2,500.00 | \$ - | \$ 400,986.10 | \$ - | \$ - |
| Amortization Expenses | \$ 217.36 | \$ 1,431.13 | \$ 3,407.53 | \$ 115,106.08 | \$ 229,881.03 | \$ 234,386.88 | \$ - |
| Depreciation Expenses | \$ - | \$ - | \$ - | \$ - | \$ 4,008.69 | \$ 4,008.69 | \$ - |
| Interest Expenses | \$ - | \$ - | \$ - | \$ 2,848.87 | \$ 5,897.33 | \$ 5,897.33 | \$ - |
| Taxable Income for PILs | \$ 217.36 | \$ 1,431.13 | \$ 3,407.53 | \$ 119,959.39 | \$ 239,387.65 | \$ 244,093.60 | \$ - |
| Revenue Requirement Before PILs | \$ 437.98 | \$ 10,463.43 | \$ 8,019.88 | \$ 292,184.55 | \$ 749,368.65 | \$ 608,972.85 | \$ - |
| Calculation of Taxable Income | | | | | | | |
| Depreciation Expenses | \$ - | \$ 7,724.33 | \$ 2,500.00 | \$ - | \$ 400,986.10 | \$ - | \$ 204,537.68 |
| Interest Expenses | \$ - | \$ 1,431.13 | \$ 3,407.53 | \$ 119,959.39 | \$ 239,387.65 | \$ 244,093.60 | \$ - |
| Taxable Income for PILs | \$ 217.36 | \$ 1,431.13 | \$ 3,407.53 | \$ 119,959.39 | \$ 239,387.65 | \$ 244,093.60 | \$ - |
| Grossed up PILs (if any) | \$ 74.92 | \$ 299.98 | \$ 523.41 | \$ 23,987.06 | \$ 6,858.12 | \$ 15,711.20 | \$ - |
| Revenue Requirement Before PILs | \$ 437.98 | \$ 10,463.43 | \$ 8,019.88 | \$ 292,184.55 | \$ 749,368.65 | \$ 608,972.85 | \$ - |
| Grossed up PILs (if any) | \$ 74.92 | \$ 299.98 | \$ 523.41 | \$ 23,987.06 | \$ 6,858.12 | \$ 15,711.20 | \$ - |
| Revenue Requirement for Smart Meters | \$ 612.51 | \$ 10,863.41 | \$ 8,543.19 | \$ 551,200.60 | \$ 756,227.77 | \$ 624,684.05 | \$ - |
| <p># of months in a year: 12. Q = average # of customers</p> <p>\$ 551,200.60 N = average # of customers</p> <p>\$ 24,353 P = N / Q</p> <p>\$ 22.63 P = N / Q</p> <p>\$ 1.89 R = P / Q</p> | | | | | | | |

Sheet 5. PILs

PILs Calculation

| INCOME TAX | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | Later |
|---------------------------------------|-----------|-------------|-------------|---------------|---------------|---------------|--------|---------------|--------|---------------|--------|------------|------------|
| | Actual | Forecasted | Actual | Forecasted | Actual | Forecasted | Actual | Forecasted | Actual | Forecasted | Actual | Forecasted | Forecasted |
| 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 | \$ - | \$ 1,696.49 | \$ - | \$ 3,932.45 | \$ - | \$ 137,656.12 | \$ - | \$ 264,133.56 | \$ - | \$ 248,650.02 | \$ - | \$ - | \$ - |
| CCA - Computers | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 23,916.08 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 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 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later |
|-------------------------------------|-------------|--------------|--------------|-----------------|-----------------|-----------------|--------|
| 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 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later |
|--------------------------------|----------|-----------|-----------|--------------|-------------|--------------|--------|
| PILs Payable | \$ 35.53 | \$ 205.54 | \$ 257.16 | \$ 11,049.95 | \$ 3,028.51 | \$ 10,919.28 | \$ - |
| Change in Income Taxes Payable | \$ 18.91 | \$ 78.22 | \$ 136.70 | \$ 7,494.59 | \$ 2,405.43 | \$ - | \$ - |
| Change in OCT | \$ 54.44 | \$ 283.76 | \$ 393.87 | \$ 18,544.54 | \$ 5,433.94 | \$ 10,919.28 | \$ - |
| PILs | | | | | | | |
| Gross Up | 36.12% | 36.12% | 33.50% | 33.00% | 32.00% | 30.50% | 29.00% |

| Grossed Up PILs | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Later |
|--------------------------------|----------|-----------|-----------|--------------|-------------|--------------|-------|
| PILs | \$ 55.61 | \$ 321.76 | \$ 386.71 | \$ 16,492.46 | \$ 4,453.70 | \$ 15,711.20 | \$ - |
| Change in Income Taxes Payable | \$ 18.91 | \$ 78.22 | \$ 136.70 | \$ 7,494.59 | \$ 2,405.43 | \$ - | \$ - |
| Change in OCT | \$ 74.52 | \$ 399.98 | \$ 523.41 | \$ 23,987.06 | \$ 6,859.12 | \$ 15,711.20 | \$ - |
| PILs | | | | | | | |
| Grossed Up PILs | | | | | | | |

Sheet 6. Avg Net Fixed Assets eUCC

Smart Meter Average Net Fixed Assets

Net Fixed Assets - Smart Meters

| | | | | | | |
|--|----------|-----------|-----------|--------------|--------------|--------------|
| Opening Capital Investment | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| 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 | 254,386.98 |
| Closing Accumulated Amortization | 217.36 | 1,648.49 | 5,056.02 | 120,162.11 | 349,843.13 | 584,230.12 |
| Opening Net Fixed Assets | 6,303.50 | 34,764.51 | 60,756.98 | 3,267,207.37 | 3,153,218.23 | 2,944,317.97 |
| Closing Net Fixed Assets | 3,151.75 | 17,382.25 | 30,378.49 | 1,633,603.68 | 1,576,609.11 | 1,472,158.99 |
| Average Net Fixed Assets | - | - | - | - | - | - |

Net Fixed Assets - Computer Hardware

| | | | | | | |
|--|------|------|------|-----------|-----------|-----------|
| Opening Capital Investment | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| Capital Investment (3. LDC Assumptions and Data) | - | - | - | - | 40,086.91 | 40,086.91 |
| Closing Capital Investment | - | - | - | - | 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

| | | | | | | |
|--|------|------|------|-----------|-----------|-----------|
| Opening Capital Investment | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| Capital Investment (3. LDC Assumptions and Data) | - | - | - | - | 28,489.65 | 28,489.65 |
| Closing Capital Investment | - | - | - | - | 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

| | | | | | | |
|--|------|------|------|------|------|------|
| Opening Capital Investment | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
| 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 | - | - | - | - | - | - |

Sheet 6. Avg Net Fixed Assets & UCC

For PILs Calculation

UCC - Smart Meters

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|----------|-----------|------------|--------------|--------------|--------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted |
| Opening UCC | - | 6,260.03 | 34,456.68 | 59,923.22 | 3,243,823.58 | 3,095,381.91 |
| Capital Additions | 6,520.86 | 29,892.14 | 29,400.00 | 3,321,556.48 | 115,691.89 | 25,486.72 |
| UCC Before Half Year Rule | 6,520.86 | 36,152.17 | 63,856.68 | 3,381,479.70 | 3,359,515.47 | 3,120,868.63 |
| Half Year Rule (1/2 Additions - Disposals) | 3,260.43 | 14,946.07 | 14,700.00 | 1,660,778.24 | 57,845.94 | 12,743.36 |
| Reduced UCC | 3,260.43 | 21,206.10 | 49,156.68 | 1,720,701.46 | 3,301,669.53 | 3,108,125.27 |
| CCA Rate Class | 47 | 47 | 47 | 47 | 47 | 47 |
| CCA Rate | 8% | 8% | 8% | 8% | 8% | 8% |
| CCA | 260.83 | 1,696.49 | 3,932.45 | 137,656.12 | 264,133.56 | 248,650.02 |
| Closing UCC | 6,260.03 | 34,456.68 | 59,923.22 | 3,243,823.58 | 3,095,381.91 | 2,872,218.61 |

UCC - Computer Equipment

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|--------|--------|------------|------------|------------|------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted |
| Opening UCC | - | - | - | - | 53,146.83 | 29,230.76 |
| Capital Additions Computer Hardware | - | - | - | 40,086.91 | - | - |
| Capital Additions Computer Software | - | - | - | 28,489.65 | - | - |
| UCC Before Half Year Rule | - | - | - | 68,576.56 | 53,146.83 | 29,230.76 |
| Half Year Rule (1/2 Additions - Disposals) | - | - | - | 34,288.28 | - | - |
| Reduced UCC | - | - | - | 34,288.28 | 53,146.83 | 29,230.76 |
| CCA Rate Class | 45 | 45 | 45 | 45 | 45 | 45 |
| CCA Rate | 45% | 45% | 45% | 45% | 45% | 45% |
| CCA | - | - | - | 15,429.73 | 23,916.08 | 13,153.84 |
| Closing UCC | - | - | - | 53,146.83 | 29,230.76 | 16,076.92 |

UCC - General Equipment

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|--------|--------|------------|------------|------------|------------|
| | Actual | Actual | Forecasted | Forecasted | Forecasted | Forecasted |
| 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 | 8 | 8 | 8 | 8 | 8 |
| CCA Rate | 20% | 20% | 20% | 20% | 20% | 20% |
| CCA | - | - | - | - | - | - |
| Closing UCC | - | - | - | - | - | - |

Sheet 6. Avg Net Fixed Assets & UCC

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| Average Net Fixed Assets | - | - | - | - | - | - |
| Net Fixed Assets - Other Equipment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Average Net Fixed Assets | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Smart Meter Funding Adder

Approved Deferral and
Variance Accounts CWIP Account

| | Opening | Fund Adder | Int. Rate | Interest | Closing | Prescribed Interest Rate | |
|--------|------------|------------|-----------|----------|------------|--|---|
| | | | | | | (per the Bankers' Acceptances-3 months Plus 0.25 Spread) | (per the DEX Mid Term Corporate Bond Index Yield 2) |
| Jan-06 | \$ - | \$ - | 5.00% | \$ - | \$ - | 4.14 | 4.68 |
| Feb-06 | \$ - | \$ - | 5.00% | \$ - | \$ - | 4.59 | 5.05 |
| Mar-06 | \$ - | \$ - | 5.00% | \$ - | \$ - | 4.59 | 4.72 |
| Apr-06 | \$ - | \$ - | 4.14% | \$ - | \$ - | 4.59 | 4.72 |
| May-06 | \$ - | \$ 221 | 4.14% | \$ - | \$ 221 | 4.59 | 5.18 |
| Jun-06 | \$ 221 | \$ 6,111 | 4.14% | \$ 1 | \$ 6,332 | 5.14 | 5.18 |
| Jul-06 | \$ 6,332 | \$ 10,233 | 4.59% | \$ 24 | \$ 16,589 | 5.14 | 5.18 |
| Aug-06 | \$ 16,564 | \$ 9,311 | 4.59% | \$ 63 | \$ 25,964 | 4.08 | 5.18 |
| Sep-06 | \$ 25,876 | \$ 10,092 | 4.59% | \$ 99 | \$ 36,155 | 3.35 | 5.43 |
| Oct-06 | \$ 35,968 | \$ 8,298 | 4.59% | \$ 138 | \$ 44,591 | 3.35 | 5.43 |
| 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 | \$ 96,594 | | |
| 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 | | |

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

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 | \$ 6,521.00 | \$ 29,892.00 | \$ 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 | | | | | \$ - | \$ - |
| Stranded Meters | | | | \$ 993,607.68 | \$ 993,607.68 | \$ 44.61 |

APPENDIX E

North Bay Hydro Distribution Limited

Ministry Letter for Smart Meter Procurement District #9

File Number: EB-2008-0202



October 20, 2008

Office of Consumer and Regulatory Affairs
Ontario Ministry of Energy & Infrastructure
880 Bay Street, 2nd 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

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> |

APPENDIX G
North Bay Hydro Distribution Limited
Total Loss Adjustment Factor Calculation

File Number: EB-2008-0202

Determination of Loss Adjustment Factors (wholesale metering change in 2005)

| | Description | 2005 | 2006 | 2007 | Total |
|---|---|-------------|-------------|-------------|----------------|
| A | "Wholesale" kWh IESO plus Embedded Generation | 606,363,661 | 585,762,798 | 598,640,314 | 1,790,766,773 |
| B | "Wholesale" kWh for Large Use customer(s) | | | | 0 |
| C | Net "Wholesale" kWh (A)-(B) | 606,363,661 | 585,762,798 | 598,640,314 | 1,790,766,773 |
| D | "Retail" kWh (Distributor) | 580,247,275 | 560,321,499 | 570,440,204 | 1,711,008,978 |
| E | "Retail" kWh for Large Use Customer(s) | | | | 0 |
| F | Net "Retail" kWh (D)-(E) | 580,247,275 | 560,321,499 | 570,440,204 | 1,711,008,978 |
| G | Loss Factor [(C)/(F)] | 1.0450 | 1.0454 | 1.0494 | 1.0466 |
| | | | | | |
| H | Supply Facilities Loss Factor | | | | 0.00740 |
| I | Distribution Loss Factor | | | | 1.03920 |
| | | | | | |
| | | | | | |
| | Total Utility Loss Adjustment Factor | | | | 1.0466 |

Total Utility Loss Adjustment Factor

Total Loss Factor:

Secondary Metered Customer

Total Loss Factor - Secondary Metered Customer <5000 kW 1.0466

Total Loss Factor - Secondary Metered Customer >5000 kW N/A

Primary Metered Customer

Total Loss Factor - Primary Metered Customer <5000 kW 1.0361

Total Loss Factor - Primary Metered Customer >5000 kW N/A

APPENDIX H
 North Bay Hydro Distribution Limited
 Supply Facilities Loss Factor

File Number: EB-2008-0202

| Supply Facilities Losses - Compare May, June and July 2007 to May, June and July 2008 | | | | | | | | | | | | | | |
|---|-------------------|-------------------------|---------------------------------|--------------------|-------------------------|---------------------------------|--------------------|-------------------------------|---------------------------------|---------------------------------|---|--|----------------------|--|
| | With Losses | Raw Data Without Losses | Specific Facilities Loss Factor | With Losses | Raw Data Without Losses | Specific Facilities Loss Factor | Total With Losses | Total Raw Data Without Losses | Specific Facilities Loss Factor | Estimated NB TS Station Service | Estimated Trout Lake TS Station Service | Total With Losses Plus Station Service | Wholesale kWh losses | Supply Facility Loss Factor Includes Station Service |
| Station | NB TS | NB TS | NB TS | Trout Lake | Trout Lake | | | | | | | | | |
| MIP | 100279EE | 100279EE | | 105340E | 105340E | | | | | | | | | |
| Factor | | | | | | | | | | 1.000 | 0.625 | | | |
| May-07 | 6,986,648.1 | 6,869,530.1 | 1.0170 | 36,141,538.7 | 35,955,622.4 | 1.0052 | 43,128,186.8 | 42,825,152.5 | 1.00708 | 744.0 | 13,020.0 | 43,141,950.8 | 316,798.3 | 1.0074 |
| Jun-07 | 7,093,854.8 | 6,978,938.5 | 1.0165 | 36,621,946.1 | 36,433,134.0 | 1.0052 | 43,715,800.9 | 43,412,072.5 | 1.00700 | 720.0 | 12,600.0 | 43,729,120.9 | 317,048.4 | 1.0073 |
| Jul-07 | 7,083,738.9 | 6,965,776.2 | 1.0169 | 36,733,186.1 | 36,542,052.2 | 1.0052 | 43,816,925.0 | 43,507,828.4 | 1.00710 | 744.0 | 13,020.0 | 43,830,689.0 | 322,860.6 | 1.0074 |
| Total | 21,164,242 | 20,814,245 | 1.0168 | 109,496,671 | 501,092,562.3 | 0.2185 | 130,660,913 | 129,745,053 | 1.00706 | 2,208 | 38,640 | 130,701,761 | 956,707 | 1.0074 |
| May-08 | 6,814,736.5 | 6,698,458.4 | 1.0174 | 35,811,366.0 | 35,627,577.4 | 1.0052 | 42,626,102.5 | 42,326,035.8 | 1.00709 | 744.0 | 13,020.0 | 42,639,866.5 | 313,830.7 | 1.0074 |
| Jun-08 | 6,768,682.0 | 6,655,213.6 | 1.0170 | 35,035,253.2 | 34,855,256.0 | 1.0052 | 41,803,935.2 | 41,510,469.6 | 1.00707 | 720.0 | 12,600.0 | 41,817,255.2 | 306,785.6 | 1.0074 |
| Jul-08 | 7,115,035.1 | 6,997,252.0 | 1.0168 | 37,447,529.0 | 37,256,526.2 | 1.0051 | 44,562,564.1 | 44,253,778.2 | 1.00698 | 744.0 | 13,020.0 | 44,576,328.1 | 322,549.9 | 1.0073 |
| Total | 20,698,454 | 20,350,924 | 1.0171 | 108,294,148 | 107,739,360 | 1.0051 | 128,992,602 | 128,090,284 | 1.00704 | 2,208 | 38,640 | 129,033,450 | 943,156 | 1.0074 |