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November 6, 2008

Delivered by: Courier

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

Attention: Kirsten Walli  
Board Secretary

**Re: Haldimand County Hydro Inc. (Licence # ED-2002-0539)  
2009 Incentive Regulation Mechanism Distribution Rate Adjustment  
Application (EB-2008-0181)**

Dear Ms. Walli:

Haldimand County Hydro Inc. hereby submits its 2<sup>nd</sup> Generation Incentive Regulation Mechanism ("IRM") Application for 2009 Electricity Distribution Rates, to be effective May 1, 2009.

This application is filed in accordance with the following Ontario Energy Board (the "Board") documents:

- "*Filing Requirements for 2009 Incentive Regulation Mechanism Distribution Rate Adjustments*", issued October 3, 2008 with revisions issued October 23, 2008;
- "*Report of the Board on Cost of Capital and 2<sup>nd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors*" (the "Board Report"), issued December 20, 2006; and
- "*Guidelines for Retail Transmission Service Rate and Smart Meter Funding and Cost Recovery Applications*", Guidelines G-2008-0001 and G-2008-0002 respectively, issued October 22, 2008.

In accordance with the filing requirements, please find enclosed 2 paper copies of the Application, the Manager's Summary, and the 2GIRM Rate Generator Model which includes a copy of the bill impacts for each rate class as produced in the separate 'Bill Impacts Generator' workbook.

Also enclosed is a CD containing electronic files of these materials, filed as separate non-PDF documents, as well as a single PDF document incorporating all of these materials, as follows:

1. Haldimand\_MANAGERS SUMMARY\_20081105 (COVER LETTER + MANAGER'S SUMMARY) (*Word*)
2. Haldimand\_2009 2GIRM Rate Generator\_20081105 (2009 2GIRM MODEL) (*Excel*)
3. Haldimand\_APPL\_20081105 (SINGLE PDF DOCUMENT – ALL MATERIALS) (*PDF*)

These electronic files have also been forwarded to your attention, by email to [Boardsec@oeb.gov.on.ca](mailto:Boardsec@oeb.gov.on.ca), today.

We have also completed one electronic filing through the Board's web portal [www.err.oeb.gov.on.ca](http://www.err.oeb.gov.on.ca), consisting of one:

- i. Electronic copy of the application in searchable/unrestricted PDF format;
- ii. Electronic copy in Microsoft Excel format of the completed 2GIRM Rate Generator Model; and
- iii. Electronic copy in PDF format of the Manager's Summary.

This 2009 Electricity Distribution Rate Application is respectfully submitted for the Board's consideration.

Yours truly,  
**HALDIMAND COUNTY HYDRO INC.**

*Original Signed by*

Jacqueline A. Scott  
Finance Manager

Encl.

Haldimand County Hydro Inc.

2009 Incentive Regulation Mechanism Rate Adjustment Application

**MANAGER'S SUMMARY**

The Board's 2009 2<sup>nd</sup> Generation Incentive Rate Mechanism Generator ("the 2GIRM Model"), Version 2.0 released October 23, 2008, has been used to prepare this Application, incorporating the current Board-approved Tariff of Rates and Charges effective May 1, 2008, and certain inputs from the Board approved 2006 EDR Application model.

Smart Meter Funding Adder

The Smart Meter Funding Adder included in the current rates is \$0.26 per metered customer per month (\$0.30 per residential customer, allocated to all metered customers at \$0.26 per month). The current Smart Meter Funding Adder has been removed from the 2008 monthly service charge to arrive at current base distribution rates.

Pursuant to Guideline G-2008-0002, Haldimand County Hydro wishes to apply for the Standard \$1.00 Smart Meter Funding Adder provided for by the Board. Haldimand County Hydro Inc. intends to install smart meters during the rate test year, commencing July 2009 and continuing through to the end of the year.

- a) Haldimand County Hydro Inc. is a member of the Niagara Erie Power Alliance ("NEPA") – a cooperative venture of 11 local distribution companies ("LDCs") in south eastern Ontario – who has been planning a collective and collaborative approach to their Advanced Metering Infrastructure ("AMI") procurement and installation. The NEPA group has also engaged Util-Assist to provide consulting assistance in this regard.
- b) Smart meters will be procured pursuant to and in compliance with the August 14, 2007 Request for Proposal ("RFP") issued by London Hydro Inc. A letter dated August 1, 2008, from PRP International, Inc. attests to this and accordingly determined the highest ranked AMI proponent for the NEPA group to be KTI/Sensus Limited. Please refer to 'Appendix A' for a copy of this letter.
- c) It is expected that contracts will be in place by January 2009 to purchase the AMI which meets the minimum functionality adopted in O. Reg. 425/06.
- d) It is estimated that in the order of 20,174 meters (residential plus small general service with no demand customers) will be installed.
- e) Total installed costs during the rate test year are estimated in the order of \$3.698 million, or \$183 per installed meter.

- f) It is expected that no additional costs will be incurred for associated functions for which the Smart Meter Entity (“SME”) has the exclusive authority to carry out pursuant to O. Reg. 393/07. A NEPA group RFP for a temporary Operational Data Storage (“ODS”) will soon be released. The ODS will assist the NEPA group with validating and auditing smart meter/AMI data until the centralized MDM/R is fully operational.

#### Common Deemed Capital Structure Transition (K-Factor)

The second of a three-year transition to the common deemed capital structure, 60% debt and 40% equity, is included in this rate application. This second year transition provides for a common deemed capital structure of 56.7% debt and 43.3% equity. Haldimand County Hydro Inc.’s current 7.43% cost of capital calculates to 7.33% for 2009. The resulting percentage change in revenue requirement (including taxes/PILs), or the K-factor, is -0.5%.

#### Federal Tax Rate Adjustment Factor

Current distribution rates provide for a 2008 corporate income tax rate of 33.50%. The 2009 corporate income tax rate is 33.0%. The effect of this corporate income tax rate change, as a percentage of the grossed up taxes calculated on the revenue requirement, results in a 2009 federal tax rate adjustment factor of -0.4%.

#### Price Cap Adjustment

Current distribution rates have been adjusted for a price cap adjustment of 1.1%, represented as the net of the following:

1. Price Escalator (GDP-IPI) of 2.1%, and
2. Average Annual Expected Productivity Gain (X-Factor) of -1.0%.

It is noted that the price cap adjustment in the model currently uses the 2008 GDP-IPI value. This value will be updated by Board Staff in March 2009 once the 2009 value has been published by Statistics Canada.

#### Base Distribution Rate Adjustments

The following table summarizes the adjustments, as discussed above, applied to the current base distribution rates:

K-factor	- 0.5 %
2009 Federal tax adjustment factor	- 0.4 %
Price cap adjustment	1.1 %

After having applied the K-factor of -0.5% and the 2009 Federal tax adjustment factor of -0.4% to the current base distribution rates, the price cap adjustment of 1.1% is applied. These adjustments are applied to the monthly service charge and distribution volumetric charge. The Smart Meter Funding Adder of \$1.00 is then added back into the monthly service charge for each of the 4 metered rate classes.

### Retail Transmission Service Rates

Pursuant to Guideline G-2008-0001, an adjustment to the Retail Transmission Service Rates (“RTSRs”) to reflect increases in the Ontario Uniform Transmission Rates (“UTRs”) as approved by the Board to be effective January 1, 2009, has been included as follows:

- Network Service Rate: 11.3%
- Line and Transformation Connection Service Rate: 5.5%

### Bill Impacts

The Bill Impacts Generator included within the 2009 2GIRM Model was used.

The following table summarizes the “total bill impacts” by rate class:

Residential Urban (1,000 kWh per month)	1.3 %
Residential Suburban (1,000 kWh per month)	1.2 %
General Service Less Than 50 kW (1,000 kWh per month)	1.1 %
General Service 50 kW to 4,999 kW (20,000 kWh / 50 kW per month)	0.7 %
Unmetered Scattered Load (500 kWh per month)	0.5 %
Sentinel Lighting (180 kWh / 0.5 kW per month)	0.9 %
Street Lighting (180 kWh / 0.5 kW per month)	1.0 %

#### **Note: 2GIRM Model Correction Required**

The “Applied For Monthly Rates & Charges - General” worksheet (Sheet N1.1), which is automatically updated within the 2GIRM model, does not include the “per connection” notation with respect to the “Service Charge” description for each of the following classes:

- *Unmetered Scattered Load*
- *Sentinel Lighting*
- *Street Lighting*

*This requires correcting prior to using this to produce an accurate final Tariff of Rates and Charges schedule.*

**APPENDIX A**

**PRP International, Inc., Letter dated August 1, 2008**

See attached.

AUG 11 2008



# PRP International, Inc.

## *Fairness Advisory Services*

August 1, 2008

Mr. Lloyd Payne  
President & CEO  
Haldimand County Hydro Inc.  
1 Greendale Drive  
Caledonia, ON N3W 2J3

Dear Mr. Payne:

Subject: Attestation of the Fairness Commissioner  
Advanced Metering Infrastructure RFP, August-July 2008  
London Hydro, Consortium & Add-On LDCs Smartmetering Project

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

*"It is the judgment of PRP International, Inc., as the Fairness Commissioner, that the determinations of the two (2) highest ranked Proponents for the **NEPA Collective of LDCs (Brant County Power Inc., Brantford Power Inc., Canadian Niagara Power Inc. (Fortis), Grimsby Power Incorporated, Haldimand County Hydro Inc., Niagara-on-the-Lake Hydro Inc., Niagara Peninsula Energy Inc., Norfolk Power Distribution Inc., and Welland Hydro Electric System Corp.)** requirements are:*

- *KTI/Sensus Limited, as the recommended Preferred Proponent, based on its highest ranking, and*
- *Elster Metering being the second ranked Proponent.*

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

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

Yours truly,

Peter Sorensen  
President

cc: Mr. Gary Rains, RFP Project Director



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



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Forward	Table of Contents	<b>Pull-Down Menu</b>	<b>Input Cell</b>	<b>Formulated Cells</b>	How to Turn on Macros
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*Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.  
 For best viewing, set your screen resolution to 1280 by 960 pixels*

<b>Applicant Name</b>	Haldimand County Hydro Inc.
<b>Applicant Service Area</b>	
<b>OEB Application Number</b>	EB-2008-0181
<b>LDC Licence Number</b>	ED-2002-0539
<b>Notice Publication Language</b>	English
<b>DRC Rate</b>	0.00700
<b>Customer Bills</b>	12 per year
<b>Distribution Demand Bill Determinant</b>	kW
<b>RTSR - Low Voltage</b>	No
<b>Contact Information</b>	
<b>Name:</b>	Jacqueline A. Scott
<b>Title:</b>	Finance Manager
<b>Phone Number:</b>	905-765-5211; ext. 2237
<b>E-Mail Address:</b>	jscott@hchydro.ca

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

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





# Ontario Energy Board

Commission de l'énergie de l'Ontario

## 2nd Generation Incentive Regulation Mechanism



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Sheet Name	Purpose of Sheet	
<a href="#">A1.1 LDC Information</a>	Enter LDC Data	
<a href="#">A2.1 Table of Contents</a>	Table of Contents	
<a href="#">B1.1 Curr&amp;Appl Rt Class General</a>	Set up Tariff Sheet Rate Classes - General	
<a href="#">B2.1 Curr&amp;Appl Rt Class Unique</a>	Set up Tariff Sheet Rate Classes - Unique	
<a href="#">C1.1 Smart Meters Rate Adder</a>	Enter Smart Meter Rate Adder	
<a href="#">C2.1 Smart Meter Cost Recovery</a>		0
<a href="#">C2.2 Regulatory Asset Recovery</a>		0
<a href="#">C2.3 LV Wheeling</a>		0
<a href="#">C3.1 Curr Rates &amp; Chgs General</a>	Enter Current Tariff Sheet Rates - General Rate Classes	
<a href="#">C6.1 Curr Rates &amp; Chgs Unique</a>	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)	
<a href="#">C7.1 Base Dist Rates Gen</a>	Calculation of Base Distribution Rates - General Rate Classes	
<a href="#">C8.1 Base Dist Rates Unique</a>	Calculation of Base Distribution Rates - Unique Rate Classes	
<a href="#">D1.1 K-factor Adjustment Wrksht</a>	Enter 2006 EDR K-Factor Adjustment Data	
<a href="#">D1.2 K-factor Adjustment - Gen</a>	Calculation of Adjustment to Rates for K-Factor - General Rate Class	
<a href="#">D1.3 K-factor Adjustment - Uniq</a>	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class	
<a href="#">D2.1 Federal Tax Adjust Wrksht</a>	Enter Federal Tax Adjustment Data	
<a href="#">D2.2 Federal Tax Adjustment Gen</a>	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes	
<a href="#">D2.3 Federal Tax Adjustment Ung</a>	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes	
<a href="#">E1.1 Rate Reb Base Dist Rts Gen</a>	Calculation of Rates before Price Cap Adjustment - General Rate Classes	
<a href="#">E2.1 Rate Reb Base Dist Rts Ung</a>	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes	
<a href="#">F1.1 Price Cap Adjustmnt Wrksht</a>	Enter Price Cap Adjustment Data	
<a href="#">F1.2 Price Cap Adjustment - Gen</a>	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes	
<a href="#">F1.3 Price Cap Adjustment - Ung</a>	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes	
<a href="#">G1.1 Aft PrcCap Base Dst Rts Gen</a>	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
<a href="#">G2.1 AftPrcCap Bas Dst Rts Uniq</a>	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class	
<a href="#">J1.1 Smart Meters Rate Adder</a>	Enter Proposed Tariff Sheet Smart Meter Rate Adder	
<a href="#">J2.1 Smart Meter Cost Recovery</a>		0
<a href="#">J2.2 Regulatory Asset Recovery</a>		0
<a href="#">J2.3 LV Wheeling</a>		0
<a href="#">K1.1 App For Dist Rates Gen</a>	Calculation of Proposed Distribution Rates - General Rate Classes	
<a href="#">K2.1 App For Dist Rates Uniq</a>	Calculation of Proposed Distribution Rates - Unique Rate Classes	
<a href="#">L1.1 Curr&amp;Appl For TX Network</a>	To input adjustment changes for Retail Transmission Network Rates General	
<a href="#">L1.2 Curr&amp;Appl For TX Net Uniq</a>	To input adjustment changes for Retail Transmission Network Rates Unique	
<a href="#">L2.1 Curr&amp;Appl For TX Connect</a>	To input adjustment changes for Retail Transmission Connection Rates General	



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## 2nd Generation Incentive Regulation Mechanism



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<a href="#">L2.2 Curr&amp;Appl For TX Conn Uniq</a>	To input adjustment changes for Retail Transmission Connection Rates Unique
<a href="#">N1.1 Appl For Mthly R&amp;C General</a>	Monthly Rates and Charges - General Rate Classes
<a href="#">N2.1 Appl For Mthly R&amp;C Unique</a>	Monthly Rates and Charges - Unique Rate Classes
<a href="#">N3.1 Curr&amp;Appl For Loss Factor</a>	Enter Loss Factors From Current Tariff Sheet
<a href="#">O1.1 Sum of Chgs To MSC&amp;DX Gen</a>	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
<a href="#">O1.2 Sum of Chgs To MSC&amp;DX Uniq</a>	Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge
<a href="#">O2.1 Calculation of Bill Impact</a>	Bill Impact Calculations
<a href="#">P1.1 Curr&amp;Appl For Allowances</a>	Enter Allowances from Current Tariff Sheets
<a href="#">P2.1 Curr&amp;Appl For Spc Srv Chg</a>	Enter Specific Service Charges from Current Tariff Sheets
<a href="#">P3.1 Curr&amp;Appl For Rtl Srv Chg</a>	Enter Retail Service Charges from Current Tariff Sheets



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### Instructions

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

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

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

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



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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
UEMB	Embedded Distributor	Continuing	Customer - 12 per year	kW
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



**2nd Generation Incentive Regulation Mechanism**

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**Instructions**

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

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

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

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



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**Instructions**

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

**Rate Class**

**Residential Urban**

**Rate Description**

Rate Description	Metric	Rate
Service Charge	\$	11.10
Distribution Volumetric Rate	\$/kWh	0.0313
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
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

**Residential Suburban**

Rate Description

Rate Description	Metric	Rate
Service Charge	\$	11.59
Distribution Volumetric Rate	\$/kWh	0.0315
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041
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

Rate Description	Metric	Rate
Service Charge	\$	18.31
Distribution Volumetric Rate	\$/kWh	0.0228
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

**General Service 50 to 4,999 kW**

Rate Description

Rate Description	Metric	Rate
Service Charge	\$	33.87
Distribution Volumetric Rate	\$/kW	6.0269
Retail Transmission Rate – Network Service Rate	\$/kW	1.5599
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.6547
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4784
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.6339
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



**2nd Generation Incentive Regulation Mechanism**

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**Instructions**

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

Rate Class

**Unmetered Scattered Load**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	9.02
Distribution Volumetric Rate	\$/kWh	0.0235
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037
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)	\$	1.71
Distribution Volumetric Rate	\$/kW	4.6865
Retail Transmission Rate – Network Service Rate	\$/kW	1.1823
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1668
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)	\$	1.51
Distribution Volumetric Rate	\$/kW	4.1037
Retail Transmission Rate – Network Service Rate	\$/kW	1.1764
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1430
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



## 2nd Generation Incentive Regulation Mechanism

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### Instructions

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

Rate Class

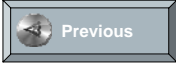
#### Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Shared LV Line	\$/kW	0.6194
Retail Transmission Rate – Network Service Rate	\$/kW	2.4146
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.3974





## 2nd Generation Incentive Regulation Mechanism



### Instructions

**No input required.**

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

### Service Charge

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential Urban	Customer - 12 per year	11.100000	0.260000	10.840000
Residential Suburban	Customer - 12 per year	11.590000	0.260000	11.330000
General Service Less Than 50 kW	Customer - 12 per year	18.310000	0.260000	18.050000
General Service 50 to 4,999 kW	Customer - 12 per year	33.870000	0.260000	33.610000
Unmetered Scattered Load	Connection -12 per year	9.020000	0.000000	9.020000
Sentinel Lighting	Connection - 12 per year	1.710000	0.000000	1.710000
Street Lighting	Connection - 12 per year	1.510000	0.000000	1.510000

### Distribution Volumetric Rate

<u>Class</u>	<u>Metric</u>	<u>Current Rates</u>	<u>Smart Meters Rate Adder</u>	<u>Current Base Rates</u>
Residential Urban	kWh	0.031300	0.000000	0.031300
Residential Suburban	kWh	0.031500	0.000000	0.031500
General Service Less Than 50 kW	kWh	0.022800	0.000000	0.022800
General Service 50 to 4,999 kW	kW	6.026900	0.000000	6.026900
Unmetered Scattered Load	kWh	0.023500	0.000000	0.023500
Sentinel Lighting	kW	4.686500	0.000000	4.686500
Street Lighting	kW	4.103700	0.000000	4.103700



## 2nd Generation Incentive Regulation Mechanism

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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
Embedded Distributor	Customer - 12 per year	0.000000	0.000000

### Distribution Volumetric Rate

Class	Metric	Current Rates	Current Base Rates
Embedded Distributor	Customer - 12 per year	0.619400	0.619400



## 2nd Generation Incentive Regulation Mechanism

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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	<input type="text" value="9.00"/>	%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	<input type="text" value="6.05"/>	%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ <input type="text" value="34,637,381"/>		(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	<input type="text" value="Small"/>		

### Deemed Capital Structure

		Debt	Equity		
2006	E1	<input type="text" value="50.0%"/>	<input type="text" value="50.0%"/>	E2	Based on C, copies the deemed D/E from row "2007" of the table
2008	F1	<input type="text" value="53.3%"/>	<input type="text" value="46.7%"/>	F2	Based on C, copies the deemed D/E from row "2008" of the table
2009	F1.2	<input type="text" value="56.7%"/>	<input type="text" value="43.3%"/>	F2.2	Based on C, copies the deemed D/E from row "2009" of the table

### Cost of Capital

2006	G	<input type="text" value="7.525"/>	%	= (E1 X B) + (E2 X A)	<b>Weighted Average Cost of capital</b>
2008	H	<input type="text" value="7.43"/>	%	= (F1 X B) + (F2 X A)	
2009	H1	<input type="text" value="7.33"/>	%	= (F1.2 X B) + (F2.2 X A)	

### Return on Rate Base

2006	I	\$ <input type="text" value="2,606,462.92"/>	= C X G / 100
2008	J	\$ <input type="text" value="2,572,743.43"/>	= C X H / 100
2009	J1	\$ <input type="text" value="2,538,002.14"/>	= C X H1 / 100



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### K-Factor Derivation Worksheet

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

#### Distribution Expenses and Revenue Requirement (before PILs)

Distribution Expenses (other than PILs)	<b>K</b>	\$	7,641,427	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base Revenue Requirement	<b>L</b>	\$	11,912,197	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Transformer Allowance Credit	<b>M</b>	\$	117,936	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)

#### Revenue Requirement (before PILs)

2006	<b>N</b>	\$	10,247,889.92	= I + K
2008	<b>O</b>	\$	10,214,170.43	= J + K
2009	<b>Q2</b>	\$	10,179,429.14	= J1 + K

#### Target Net Income (EBIT)

2006	\$	1,558,682.15	<b>P1 = I - P2</b>
2008	\$	1,455,809.12	<b>Q1 = J - Q2</b>
2009	\$	1,349,818.74	<b>Q1.2 = J1 - Q2.2</b>

#### Interest Expense

2006	\$	1,047,780.78	<b>P2 = C X (B X E1 / 100)</b>
2008	\$	1,116,934.31	<b>Q2 = C X (B X F1 / 100)</b>
2009	\$	1,188,183.40	<b>Q2.2 = C X (B X F1.2 / 100)</b>

#### 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	\$	-	<b>S</b>	(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D31)																						
OCT (Rate Base less \$10,000,000 X 0.30%)	\$	88,962	<b>T</b>	(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D30)																						
PILs Allowance	\$	2,433,449	<b>U</b>	(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D33)																						
<table> <tr> <td>2006</td> <td>\$</td> <td>4,153,703</td> <td><b>AC</b></td> <td>(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11)</td> </tr> <tr> <td>2008</td> <td>\$</td> <td>4,116,545</td> <td><b>AD</b></td> <td>= AC + (Q1 - P1) * (R / 100)</td> </tr> <tr> <td>2009</td> <td>\$</td> <td>4,078,262</td> <td><b>AD1</b></td> <td>= AC + (Q1.2 - P1) * (R / 100)</td> </tr> </table>	2006	\$	4,153,703	<b>AC</b>	(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11)	2008	\$	4,116,545	<b>AD</b>	= AC + (Q1 - P1) * (R / 100)	2009	\$	4,078,262	<b>AD1</b>	= AC + (Q1.2 - P1) * (R / 100)	<table> <tr> <td>2006</td> <td>\$</td> <td>2,348,650</td> <td><b>V</b></td> <td>= AC * (R / 100) / (1 - R / 100)</td> </tr> <tr> <td>2008</td> <td>\$</td> <td>2,327,640</td> <td><b>W</b></td> <td>= AD * (R / 100) / (1 - R / 100)</td> </tr> </table>	2006	\$	2,348,650	<b>V</b>	= AC * (R / 100) / (1 - R / 100)	2008	\$	2,327,640	<b>W</b>	= AD * (R / 100) / (1 - R / 100)
2006	\$	4,153,703	<b>AC</b>	(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11)																						
2008	\$	4,116,545	<b>AD</b>	= AC + (Q1 - P1) * (R / 100)																						
2009	\$	4,078,262	<b>AD1</b>	= AC + (Q1.2 - P1) * (R / 100)																						
2006	\$	2,348,650	<b>V</b>	= AC * (R / 100) / (1 - R / 100)																						
2008	\$	2,327,640	<b>W</b>	= AD * (R / 100) / (1 - R / 100)																						



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### K-Factor Derivation Worksheet

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

$$2009 \quad \$ \boxed{2,305,993} \text{ W1} \quad = AD1 * (R / 100) / (1 - R / 100)$$



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### K-Factor Derivation Worksheet

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

#### Base Revenue Requirement Adjustment (including PILs)

##### Revenue Requirement (less LCT)

(LCT is removed as it was removed in from rates in 2007 EDR)

2006	\$	12,685,501.77	X	= N + V + T
2008	\$	12,630,771.99	Y	= O + W + T
2009	\$	12,574,383.73	Y2	= O2 + W + T

#### Base Revenue Requirement (plus transformer allowance credit)

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

2006	\$	12,030,132.79	Z	= L + M	
2008	\$	11,975,403.01	AA1	= Z + (Y - X)	
2009	\$	11,919,014.75	AA1.2	= Z + (Y2 - X)	
Difference	2008	\$	54,729.78	AA2	= AA1 - Z
	2009	\$	56,388.26	AA2.2	= AA1.2 - AA1
K-factor	2008		-0.5%	AB	= AA2 / Z
	2009		-0.5%	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.

<b>Rate Rebalancing Adjustment</b>	K-factor Adjustment - General
<b>Metric Applied To</b>	All Customers
<b>Method of Application</b>	Both Uniform%
<b>Uniform Service Charge Percent</b>	-0.500%
<b>Uniform Volumetric Charge Percent</b>	-0.500% kWh -0.500% kW

### Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential Urban	Customer - 12 per year	10.840000	Yes	-0.500%	0.054200
Residential Suburban	Customer - 12 per year	11.330000	Yes	-0.500%	0.056650
General Service Less Than 50 kW	Customer - 12 per year	18.050000	Yes	-0.500%	0.090250
General Service 50 to 4,999 kW	Customer - 12 per year	33.610000	Yes	-0.500%	0.168050
Unmetered Scattered Load	Connection - 12 per year	9.020000	Yes	-0.500%	0.045100
Sentinel Lighting	Connection - 12 per year	1.710000	Yes	-0.500%	0.008550
Street Lighting	Connection - 12 per year	1.510000	Yes	-0.500%	0.007550

### Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential Urban	kWh	0.031300	Yes	-0.500%	0.000157
Residential Suburban	kWh	0.031500	Yes	-0.500%	0.000158
General Service Less Than 50 kW	kWh	0.022800	Yes	-0.500%	0.000114
General Service 50 to 4,999 kW	kW	6.026900	Yes	-0.500%	0.030135
Unmetered Scattered Load	kWh	0.023500	Yes	-0.500%	0.000118
Sentinel Lighting	kW	4.686500	Yes	-0.500%	0.023433
Street Lighting	kW	4.103700	Yes	-0.500%	0.020519



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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

-0.500%

### Uniform Volumetric Charge Percent

-0.500% kWh  
-0.500% kW

### Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.500%	0.000000

### Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Embedded Distributor	kW	0.619400	Yes	-0.500% -	0.003097





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**Instructions**

This worksheet derives the 2009 Federal Tax Rate Adjustment Factor.

No input required.

	2006		2008	2008 Adjustment	2009	2009 Adjustment
<b>From 2006 PIL's Model</b>						
2006 Regulatory Taxable Income ( <i>K-Factor Cell H87</i> )	4,153,703	A	4,153,703		4,153,703	
2006 Corporate Income Tax Rate ( <i>K-Factor Cell E79</i> )	36.12%	B	33.50%		33.00%	
Corporate PILs/Income Tax Provision for Test Year	1,500,318	C = A * B	1,391,491		1,370,722	
Income Tax (grossed-up)	2,348,650	D = C / (1 - B)	2,092,467	-256,183	2,045,854	-46,613 ← 2009 Amount to be adjusted
<b>From 2006 EDR Model</b>						
2006 EDR Base Revenue Requirement From Distribution Rates ( <i>K-Factor Cell E105</i> )	12,030,133	E	12,030,133		12,030,133	
Grossed up taxes as a % of Revenue Requirement	19.500%	F = D / E	17.400%	-2.100%	17.000%	-0.400%
						↑ 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.

<b>Rate Rebalancing Adjustment</b>	Federal Tax Adjustment General
<b>Metric Applied To</b>	All Customers
<b>Method of Application</b>	Both Uniform%
<b>Uniform Service Charge Percent</b>	-0.400%
	Uniform Volumetric Charge Percent
	-0.400% kWh
	-0.400% kW

**Monthly Service Charge**

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential Urban	Customer - 12 per year	10.840000	Yes	-0.400%	0.043360
Residential Suburban	Customer - 12 per year	11.330000	Yes	-0.400%	0.045320
General Service Less Than 50 kW	Customer - 12 per year	18.050000	Yes	-0.400%	0.072200
General Service 50 to 4,999 kW	Customer - 12 per year	33.610000	Yes	-0.400%	0.134440
Unmetered Scattered Load	Connection - 12 per year	9.020000	Yes	-0.400%	0.036080
Sentinel Lighting	Connection - 12 per year	1.710000	Yes	-0.400%	0.006840
Street Lighting	Connection - 12 per year	1.510000	Yes	-0.400%	0.006040

**Volumetric Distribution Charge**

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential Urban	kWh	0.031300	Yes	-0.400%	0.000125
Residential Suburban	kWh	0.031500	Yes	-0.400%	0.000126
General Service Less Than 50 kW	kWh	0.022800	Yes	-0.400%	0.000091
General Service 50 to 4,999 kW	kWh	6.026900	Yes	-0.400%	0.024108
Unmetered Scattered Load	kWh	0.023500	Yes	-0.400%	0.000094
Sentinel Lighting	kW	4.686500	Yes	-0.400%	0.018746
Street Lighting	kW	4.103700	Yes	-0.400%	0.016415



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

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

No input required.

Rate Rebalancing Adjustment	Federal Tax Adjustment Unique
Metric Applied To	All Customers
Method of Application	Both Uniform%
Uniform Service Charge Percent	-0.400%
	Uniform Volumetric Charge Percent
	-0.400% kWh
	-0.400% kW

**Monthly Service Charge**

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Embedded Distributor	Customer - 12 per year	0.000000	Yes	-0.400%	0.000000

**Volumetric Distribution Charge**

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Embedded Distributor	kW	0.619400	Yes	-0.400%	0.002478



**Ontario Energy Board**  
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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 -	Federal Tax Adjustment	Rate ReBal Base
			General	General	
Residential Urban	Customer - 12 per year	10.840000	-0.054200	-0.043360	10.742440
Residential Suburban	Customer - 12 per year	11.330000	-0.056650	-0.045320	11.228030
General Service Less Than 50 kW	Customer - 12 per year	18.050000	-0.090250	-0.072200	17.887550
General Service 50 to 4,999 kW	Customer - 12 per year	33.610000	-0.168050	-0.134440	33.307510
Unmetered Scattered Load	Connection -12 per year	9.020000	-0.045100	-0.036080	8.938820
Sentinel Lighting	Connection - 12 per year	1.710000	-0.008550	-0.006840	1.694610
Street Lighting	Connection - 12 per year	1.510000	-0.007550	-0.006040	1.496410

**Volumetric Distribution Charge**

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
			General	General	
Residential Urban	kWh	0.031300	-0.000157	-0.000125	0.031018
Residential Suburban	kWh	0.031500	-0.000158	-0.000126	0.031216
General Service Less Than 50 kW	kWh	0.022800	-0.000114	-0.000091	0.022595
General Service 50 to 4,999 kW	kWh	6.026900	-0.030135	-0.024108	5.972657
Unmetered Scattered Load	kWh	0.023500	-0.000118	-0.000094	0.023288
Sentinel Lighting	kW	4.686500	-0.023433	-0.018746	4.644321
Street Lighting	kW	4.103700	-0.020519	-0.016415	4.066766



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**Instructions**

This worksheet shows the adjustments to Base Rates prior to the application of the Price Cap Index for all unique classes.  
 No input required.

**Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment - Unique</u>	<u>Rate ReBal Base</u>
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000	0.000000

**Volumetric Distribution Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>K-factor Adjustment - Unique</u>	<u>Federal Tax Adjustment - Unique</u>	<u>Rate ReBal Base</u>
Embedded Distributor	Customer - 12 per year	0.619400	-0.003097	-0.002478	0.613825



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### Instructions

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

Board staff will make the necessary adjustment to cell C22.

No input required.

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



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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 Urban	Customer - 12 per year	10.742440	Yes	1.100%	0.118167
Residential Suburban	Customer - 12 per year	11.228030	Yes	1.100%	0.123508
General Service Less Than 50 kW	Customer - 12 per year	17.887550	Yes	1.100%	0.196763
General Service 50 to 4,999 kW	Customer - 12 per year	33.307510	Yes	1.100%	0.366383
Unmetered Scattered Load	Connection -12 per year	8.938820	Yes	1.100%	0.098327
Sentinel Lighting	Connection - 12 per year	1.694610	Yes	1.100%	0.018641
Street Lighting	Connection - 12 per year	1.496410	Yes	1.100%	0.016461

#### Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential Urban	kWh	0.031018	Yes	1.100%	0.000341
Residential Suburban	kWh	0.031216	Yes	1.100%	0.000343
General Service Less Than 50 kW	kWh	0.022595	Yes	1.100%	0.000249
General Service 50 to 4,999 kW	kW	5.972657	Yes	1.100%	0.065699
Unmetered Scattered Load	kWh	0.023288	Yes	1.100%	0.000256
Sentinel Lighting	kW	4.644321	Yes	1.100%	0.051088
Street Lighting	kW	4.066766	Yes	1.100%	0.044734



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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

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Embedded Distributor	Customer - 12 per year	0.000000	Yes	1.100%	0.000000

### Volumetric Distribution Charge

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>To This Class</u>	<u>% Adjustment</u>	<u>Adj To Base</u>
Embedded Distributor	kW	0.613825	Yes	1.100%	0.006752





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**Instructions**

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

No input required.

**Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential Urban	Customer - 12 per year	10.742440	0.118167	10.860607
Residential Suburban	Customer - 12 per year	11.228030	0.123508	11.351538
General Service Less Than 50 kW	Customer - 12 per year	17.887550	0.196763	18.084313
General Service 50 to 4,999 kW	Customer - 12 per year	33.307510	0.366383	33.673893
Unmetered Scattered Load	Connection - 12 per year	8.938820	0.098327	9.037147
Sentinel Lighting	Connection - 12 per year	1.694610	0.018641	1.713251
Street Lighting	Connection - 12 per year	1.496410	0.016461	1.512871

**Volumetric Distribution Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - General</u>	<u>After Price Cape Base</u>
Residential Urban	kWh	0.031018	0.000341	0.031359
Residential Suburban	kWh	0.031216	0.000343	0.031559
General Service Less Than 50 kW	kWh	0.022595	0.000249	0.022844
General Service 50 to 4,999 kW	kW	5.972657	0.065699	6.038356
Unmetered Scattered Load	kWh	0.023288	0.000256	0.023544
Sentinel Lighting	kW	4.644321	0.051088	4.695409
Street Lighting	kW	4.066766	0.044734	4.111500



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**Instructions**

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

No input required.

**Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
Embedded Distributor	Customer - 12 per year	0.000000	0.000000	0.000000

**Volumetric Distribution Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Price Cap Adjustment - Unique</u>	<u>After Price Cape Base</u>
Embedded Distributor	Customer - 12 per year	0.613825	0.006752	0.620577



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### Instructions

Enter your Smart Meter Rate Adder in cell D28.

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

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential Urban	Yes	1.000000	Customer - 12 per year	0.000000	kWh
Residential Suburban	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000	kW



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**Instructions**

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

No input required.

**Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate Adder</u>	<u>Final Base</u>
Residential Urban	Customer - 12 per year	10.860607	1.000000	11.860607
Residential Suburban	Customer - 12 per year	11.351538	1.000000	12.351538
General Service Less Than 50 kW	Customer - 12 per year	18.084313	1.000000	19.084313
General Service 50 to 4,999 kW	Customer - 12 per year	33.673893	1.000000	34.673893
Unmetered Scattered Load	Connection - 12 per year	9.037147	0.000000	9.037147
Sentinel Lighting	Connection - 12 per year	1.713251	0.000000	1.713251
Street Lighting	Connection - 12 per year	1.512871	0.000000	1.512871

**Volumetric Distribution Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Smart Meters Rate Adder</u>	<u>Final Base</u>
Residential Urban	kWh	0.031359	0.000000	0.031359
Residential Suburban	kWh	0.031559	0.000000	0.031559
General Service Less Than 50 kW	kWh	0.022844	0.000000	0.022844
General Service 50 to 4,999 kW	kWh	6.038356	0.000000	6.038356
Unmetered Scattered Load	kWh	0.023544	0.000000	0.023544
Sentinel Lighting	kW	4.695409	0.000000	4.695409
Street Lighting	kW	4.111500	0.000000	4.111500



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**Instructions**

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

No input required.

**Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
Embedded Distributor	Customer - 12 per year	0.000000	0.000000

**Volumetric Distribution Charge**

<u>Class</u>	<u>Metric</u>	<u>Base Rate</u>	<u>Final Base</u>
Embedded Distributor	Customer - 12 per year	0.620577	0.620577



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

<b>Method of Application</b>	Uniform Percentage				
<b>Uniform Percentage</b>	11.300%				
<b>Rate Class</b>	<b>Applied to Class</b>				
<b>Residential Urban</b>	Yes				
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004200	11.300%	0.000475	0.004675
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>Residential Suburban</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004200	11.300%	0.000475	0.004675
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>General Service Less Than 50 kW</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kWh	0.003800	11.300%	0.000429	0.004229
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>General Service 50 to 4,999 kW</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kW	1.559900	11.300%	0.176269	1.736169
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.654700	11.300%	0.186981	1.841681
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>Unmetered Scattered Load</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kWh	0.003800	11.300%	0.000429	0.004229
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>Sentinel Lighting</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kW	1.182300	11.300%	0.133600	1.315900
<b>Rate Class</b>		<b>Applied to Class</b>			
<b>Street Lighting</b>		Yes			
<b>Rate Description</b>	<b>Vol Metric</b>	<b>Current Amount</b>	<b>% Adjustment</b>	<b>\$ Adjustment</b>	<b>Final Amount</b>
Retail Transmission Rate – Network Service Rate	\$/kW	1.176400	11.300%	0.132933	1.309333



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Method of Application                      Uniform Percentage

Uniform Percentage                      11.300%

Rate Class	Applied to Class
<b>Embedded Distributor</b>	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.414600	11.300%	0.272850	2.687450



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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      **5.500%**

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

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004100	5.500%	0.000226	0.004326

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

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004100	5.500%	0.000226	0.004326

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

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.003700	5.500%	0.000204	0.003904

Rate Class      Applied to Class  
**General Service 50 to 4,999 kW**      Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.478400	5.500%	0.081312	1.559712
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.633900	5.500%	0.089865	1.723765

Rate Class      Applied to Class  
**Unmetered Scattered Load**      Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.003700	5.500%	0.000204	0.003904

Rate Class      Applied to Class  
**Sentinel Lighting**      Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.166800	5.500%	0.064174	1.230974

Rate Class      Applied to Class  
**Street Lighting**      Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.143000	5.500%	0.062865	1.205865





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Method of Application	Uniform Percentage				
Uniform Percentage	5.500%				
Rate Class	Applied to Class				
<b>Embedded Distributor</b>	Yes				
Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.397400	5.500%	0.131857	2.529257



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### Instructions

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

No input required.

#### Rate Class

##### Residential Urban

Rate Description	Metric	Rate
Service Charge	\$	11.86
Distribution Volumetric Rate	\$/kWh	0.0314
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
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

##### Residential Suburban

Rate Description	Metric	Rate
Service Charge	\$	12.35
Distribution Volumetric Rate	\$/kWh	0.0316
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043
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	\$	19.08
Distribution Volumetric Rate	\$/kWh	0.0228
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

##### General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	34.67
Distribution Volumetric Rate	\$/kW	6.0384
Retail Transmission Rate – Network Service Rate	\$/kW	1.7362
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	1.8417
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5597
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.7238
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

##### Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge	\$	9.04
Distribution Volumetric Rate	\$/kWh	0.0235
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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### Instructions

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

No input required.

Rate Class

#### Sentinel Lighting

Rate Description	Metric	Rate
Service Charge	\$	1.71
Distribution Volumetric Rate	\$/kW	4.6954
Retail Transmission Rate – Network Service Rate	\$/kW	1.3159
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2310
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	\$	1.51
Distribution Volumetric Rate	\$/kW	4.1115
Retail Transmission Rate – Network Service Rate	\$/kW	1.3093
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2059
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



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### Instructions

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

No input required.

Rate Class

#### Embedded Distributor

Rate Description	Metric	Rate
Service Charge	\$	0.00
Monthly Distribution Wheeling Service Rate – Shared LV Line	\$/kW	0.6206
Retail Transmission Rate – Network Service Rate	\$/kW	2.6875
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.529257



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**Instructions**

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

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

**LOSS FACTORS**

**Current**

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0565
Total Loss Factor - Secondary Metered Customer > 5,000 kW	n/a
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0460
Total Loss Factor - Primary Metered Customer > 5,000 kW	n/a
Total Loss Factor – Embedded Distributor – Norfolk Power	1.0253



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

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Residential Urban</b>		
Current Rates	11.10	0.0313
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.05	-0.0002
Federal Tax Adjustment General	-0.04	-0.0001
Price Cap Adj		
Price Cap Adjustment - General	0.12	0.0003
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	11.86	0.0314
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Residential Suburban</b>		
Current Rates	11.59	0.0315
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.06	-0.0002
Federal Tax Adjustment General	-0.05	-0.0001
Price Cap Adj		
Price Cap Adjustment - General	0.12	0.0003
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	12.35	0.0316
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kWh
<b>General Service Less Than 50 kW</b>		
Current Rates	18.31	0.0228
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	-0.07	-0.0001
Price Cap Adj		
Price Cap Adjustment - General	0.20	0.0002
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	19.08	0.0228
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
<b>General Service 50 to 4,999 kW</b>		
Current Rates	33.87	6.0269
Less Rate Adders		
Smart Meters Rate Adder	0.26	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.17	-0.0301
Federal Tax Adjustment General	-0.13	-0.0241
Price Cap Adj		
Price Cap Adjustment - General	0.37	0.0657
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	34.67	6.0384
	0.00	0.0000



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

	Fixed	Volumetric
	(\$)	\$/kWh
<b>Unmetered Scattered Load</b>		
Current Rates	9.02	0.0235
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.05	-0.0001
Federal Tax Adjustment General	-0.04	-0.0001
Price Cap Adj		
Price Cap Adjustment - General	0.10	0.0003
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	9.04	0.0235
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
<b>Sentinel Lighting</b>		
Current Rates	1.71	4.6865
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	-0.0234
Federal Tax Adjustment General	-0.01	-0.0187
Price Cap Adj		
Price Cap Adjustment - General	0.02	0.0511
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.71	4.6954
	0.00	0.0000

	Fixed	Volumetric
	(\$)	\$/kW
<b>Street Lighting</b>		
Current Rates	1.51	4.1037
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	-0.0205
Federal Tax Adjustment General	-0.01	-0.0164
Price Cap Adj		
Price Cap Adjustment - General	0.02	0.0447
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.51	4.1115
	0.00	0.0000



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

	<b>Fixed</b>	<b>Volumetric</b>
Embedded Distributor	(\$)	\$/kWh
Current Rates	0.00	0.6194
Rate Rebalancing Adj		
K-factor Adjustment - Unique	0.00	-0.0031
Federal Tax Adjustment Unique	0.00	-0.0025
Price Cap Adj		
Price Cap Adjustment - Unique	0.00	0.0068
Applied For Rates	0.00	0.6206
	<b>0.00</b>	<b>0.0000</b>





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### Instructions

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

#### Allowances

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



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**Instructions**

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

**Customer Administration**

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

**Non-Payment of Account**

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

**Other**

	Metric	Current
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
Bell Canada Pole Rentals	\$	18.08
Norfolk Pole Rentals - Billed	\$	28.61
	\$	
	\$	
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**Instructions**  
This worksheet displays your current Board-Approved Retail Service Charges.

	<u>Metric</u>	<u>Current</u>
<b>Retail Service Charges (if applicable)</b>		
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
<b>Service Transaction Requests (STR)</b>		
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

**Residential Urban**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.10	11.86
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0313	0.0314
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041	0.0043
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

<b>Consumption</b>	<b>1,000 kWh</b>	<b>- kW</b>
<b>RPP Tier One</b>	<b>600 kWh</b>	<b>Load Factor</b>

**Loss Factor 1.0565**

	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%	24.63%
Energy Second Tier (kWh)	457	0.0650	29.71	457	0.0650	29.71	0.00	0.0%	21.78%
<b>Sub-Total: Energy</b>			<b>63.31</b>			<b>63.31</b>	<b>0.00</b>	<b>0.0%</b>	<b>46.41%</b>
Service Charge	1	11.10	11.10	1	11.86	11.86	0.76	6.8%	8.70%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,000	0.0313	31.30	1,000	0.0314	31.40	0.10	0.3%	23.02%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>42.40</b>			<b>43.26</b>	<b>0.86</b>	<b>2.0%</b>	<b>31.72%</b>
Retail Transmission Rate – Network Service Rate	1,057	0.0042	4.44	1,057	0.0047	4.97	0.53	11.9%	3.64%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,057	0.0041	4.33	1,057	0.0043	4.55	0.22	5.1%	3.34%
<b>Total: Retail Transmission</b>			<b>8.77</b>			<b>9.52</b>	<b>0.75</b>	<b>8.6%</b>	<b>6.98%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>51.17</b>			<b>52.78</b>	<b>1.61</b>	<b>3.1%</b>	<b>38.70%</b>
Wholesale Market Service Rate	1,057	0.0052	5.50	1,057	0.0052	5.50	0.00	0.0%	4.03%
Rural Rate Protection Charge	1,057	0.0010	1.06	1,057	0.0010	1.06	0.00	0.0%	0.78%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.18%
<b>Sub-Total: Regulatory</b>			<b>6.81</b>			<b>6.81</b>	<b>0.00</b>	<b>0.0%</b>	<b>4.99%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.00700	<b>7.00</b>	1,000	0.00700	<b>7.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.13%</b>
<b>Total Bill before Taxes</b>			<b>128.29</b>			<b>129.90</b>	<b>1.61</b>	<b>1.3%</b>	<b>95.23%</b>
<b>GST</b>	128.29	5%	<b>6.41</b>	129.90	5%	<b>6.50</b>	<b>0.09</b>	<b>1.4%</b>	<b>4.77%</b>
			<b>134.70</b>			<b>136.40</b>	<b>1.70</b>	<b>1.3%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**Residential Urban**

	kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh		265	634	1,057	1,691	2,378
	kW					
Load Factor						

**Energy**

Applied For Bill	\$ 14.84	\$ 35.81	\$ 63.30	\$ 104.51	\$ 149.17
Current Bill	\$ 14.84	\$ 35.81	\$ 63.30	\$ 104.51	\$ 149.17
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	34.8%	42.3%	46.4%	48.8%	50.1%

**Distribution**

Applied For Bill	\$ 19.71	\$ 30.70	\$ 43.26	\$ 62.10	\$ 82.51
Current Bill	\$ 18.93	\$ 29.88	\$ 42.40	\$ 61.18	\$ 81.53
\$ Impact	\$ 0.78	\$ 0.82	\$ 0.86	\$ 0.92	\$ 0.98
% Impact	4.1%	2.7%	2.0%	1.5%	1.2%
% of Total Bill	46.2%	36.3%	31.7%	29.0%	27.7%

**Retail Transmission**

Applied For Bill	\$ 2.39	\$ 5.71	\$ 9.52	\$ 15.22	\$ 21.41
Current Bill	\$ 2.20	\$ 5.26	\$ 8.77	\$ 14.03	\$ 19.74
\$ Impact	\$ 0.19	\$ 0.45	\$ 0.75	\$ 1.19	\$ 1.67
% Impact	8.6%	8.6%	8.6%	8.5%	8.5%
% of Total Bill	5.6%	6.7%	7.0%	7.1%	7.2%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 22.10	\$ 36.41	\$ 52.78	\$ 77.32	\$ 103.92
Current Bill	\$ 21.13	\$ 35.14	\$ 51.17	\$ 75.21	\$ 101.27
\$ Impact	\$ 0.97	\$ 1.27	\$ 1.61	\$ 2.11	\$ 2.65
% Impact	4.6%	3.6%	3.1%	2.8%	2.6%
% of Total Bill	51.9%	43.0%	38.7%	36.1%	34.9%

**Regulatory**

Applied For Bill	\$ 1.90	\$ 4.18	\$ 6.81	\$ 10.73	\$ 15.00
Current Bill	\$ 1.90	\$ 4.18	\$ 6.81	\$ 10.73	\$ 15.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.5%	4.9%	5.0%	5.0%	5.0%

**Debt Retirement Charge**

Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.1%	5.0%	5.1%	5.2%	5.3%

**GST**

Applied For Bill	\$ 2.03	\$ 4.03	\$ 6.49	\$ 10.19	\$ 14.19
Current Bill	\$ 1.98	\$ 3.97	\$ 6.41	\$ 10.08	\$ 14.06
\$ Impact	\$ 0.05	\$ 0.06	\$ 0.08	\$ 0.11	\$ 0.13
% Impact	2.5%	1.5%	1.2%	1.1%	0.9%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

**Total Bill**

Applied For Bill	\$ 42.62	\$ 84.63	\$ 136.38	\$ 213.95	\$ 298.03
Current Bill	\$ 41.60	\$ 83.30	\$ 134.69	\$ 211.73	\$ 295.25
\$ Impact	\$ 1.02	\$ 1.33	\$ 1.69	\$ 2.22	\$ 2.78
% Impact	2.5%	1.6%	1.3%	1.0%	0.9%

**Residential Suburban**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	11.59	12.35
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0315	0.0316
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0042	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0041	0.0043
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

<b>Consumption</b>	<b>1,000 kWh</b>	<b>- kW</b>
<b>RPP Tier One</b>	<b>600 kWh</b>	<b>Load Factor</b>

**Loss Factor 1.0565**

	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%	24.50%
Energy Second Tier (kWh)	457	0.0650	29.71	457	0.0650	29.71	0.00	0.0%	21.67%
<b>Sub-Total: Energy</b>			<b>63.31</b>			<b>63.31</b>	<b>0.00</b>	<b>0.0%</b>	<b>46.17%</b>
Service Charge	1	11.59	11.59	1	12.35	12.35	0.76	6.6%	9.01%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1,000	0.0315	31.50	1,000	0.0316	31.60	0.10	0.3%	23.05%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>43.09</b>			<b>43.95</b>	<b>0.86</b>	<b>2.0%</b>	<b>32.05%</b>
Retail Transmission Rate – Network Service Rate	1,057	0.0042	4.44	1,057	0.0047	4.97	0.53	11.9%	3.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,057	0.0041	4.33	1,057	0.0043	4.55	0.22	5.1%	3.32%
<b>Total: Retail Transmission</b>			<b>8.77</b>			<b>9.52</b>	<b>0.75</b>	<b>8.6%</b>	<b>6.94%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>51.86</b>			<b>53.47</b>	<b>1.61</b>	<b>3.1%</b>	<b>39.00%</b>
Wholesale Market Service Rate	1,057	0.0052	5.50	1,057	0.0052	5.50	0.00	0.0%	4.01%
Rural Rate Protection Charge	1,057	0.0010	1.06	1,057	0.0010	1.06	0.00	0.0%	0.77%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.18%
<b>Sub-Total: Regulatory</b>			<b>6.81</b>			<b>6.81</b>	<b>0.00</b>	<b>0.0%</b>	<b>4.97%</b>
<b>Debt Retirement Charge (DRC)</b>	1,000	0.00700	<b>7.00</b>	1,000	0.00700	<b>7.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.11%</b>
<b>Total Bill before Taxes</b>			<b>128.98</b>			<b>130.59</b>	<b>1.61</b>	<b>1.2%</b>	<b>95.24%</b>
<b>GST</b>	128.98	5%	<b>6.45</b>	130.59	5%	<b>6.53</b>	<b>0.08</b>	<b>1.2%</b>	<b>4.76%</b>
			<b>135.43</b>			<b>137.12</b>	<b>1.69</b>	<b>1.2%</b>	<b>100.00%</b>

**Rate Class Threshold Test**  
**Residential Suburban**

kWh	250	600	1,000	1,600	2,250
Loss Factor Adjusted kWh	265	634	1,057	1,691	2,378
kW					
Load Factor					

**Energy**

Applied For Bill	\$ 14.84	\$ 35.81	\$ 63.30	\$ 104.51	\$ 149.17
Current Bill	\$ 14.84	\$ 35.81	\$ 63.30	\$ 104.51	\$ 149.17
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	34.4%	42.0%	46.2%	48.7%	49.9%

**Distribution**

Applied For Bill	\$ 20.25	\$ 31.31	\$ 43.95	\$ 62.91	\$ 83.45
Current Bill	\$ 19.47	\$ 30.49	\$ 43.09	\$ 61.99	\$ 82.47
\$ Impact	\$ 0.78	\$ 0.82	\$ 0.86	\$ 0.92	\$ 0.98
% Impact	4.0%	2.7%	2.0%	1.5%	1.2%
% of Total Bill	46.9%	36.7%	32.1%	29.3%	27.9%

**Retail Transmission**

Applied For Bill	\$ 2.39	\$ 5.71	\$ 9.52	\$ 15.22	\$ 21.41
Current Bill	\$ 2.20	\$ 5.26	\$ 8.77	\$ 14.03	\$ 19.74
\$ Impact	\$ 0.19	\$ 0.45	\$ 0.75	\$ 1.19	\$ 1.67
% Impact	8.6%	8.6%	8.6%	8.5%	8.5%
% of Total Bill	5.5%	6.7%	6.9%	7.1%	7.2%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 22.64	\$ 37.02	\$ 53.47	\$ 78.13	\$ 104.86
Current Bill	\$ 21.67	\$ 35.75	\$ 51.86	\$ 76.02	\$ 102.21
\$ Impact	\$ 0.97	\$ 1.27	\$ 1.61	\$ 2.11	\$ 2.65
% Impact	4.5%	3.6%	3.1%	2.8%	2.6%
% of Total Bill	52.4%	43.4%	39.0%	36.4%	35.1%

**Regulatory**

Applied For Bill	\$ 1.90	\$ 4.18	\$ 6.81	\$ 10.73	\$ 15.00
Current Bill	\$ 1.90	\$ 4.18	\$ 6.81	\$ 10.73	\$ 15.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.4%	4.9%	5.0%	5.0%	5.0%

**Debt Retirement Charge**

Applied For Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 7.00	\$ 11.20	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.1%	4.9%	5.1%	5.2%	5.3%

**GST**

Applied For Bill	\$ 2.06	\$ 4.06	\$ 6.53	\$ 10.23	\$ 14.24
Current Bill	\$ 2.01	\$ 4.00	\$ 6.45	\$ 10.12	\$ 14.11
\$ Impact	\$ 0.05	\$ 0.06	\$ 0.08	\$ 0.11	\$ 0.13
% Impact	2.5%	1.5%	1.2%	1.1%	0.9%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

**Total Bill**

Applied For Bill	\$ 43.19	\$ 85.27	\$ 137.11	\$ 214.80	\$ 299.02
Current Bill	\$ 42.17	\$ 83.94	\$ 135.42	\$ 212.58	\$ 296.24
\$ Impact	\$ 1.02	\$ 1.33	\$ 1.69	\$ 2.22	\$ 2.78
% Impact	2.4%	1.6%	1.2%	1.0%	0.9%

**General Service Less Than 50 kW**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	18.31	19.08
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0228	0.0228
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037	0.0039
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

<b>Consumption</b>	<b>10,000</b>	<b>kWh</b>	<b>-</b>	<b>kW</b>
<b>RPP Tier One</b>	<b>750</b>	<b>kWh</b>	<b>Load Factor</b>	

**Loss Factor 1.0565**

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	3.48%
Energy Second Tier (kWh)	9,815	0.0650	637.98	9,815	0.0650	637.98	0.00	0.0%	52.91%
<b>Sub-Total: Energy</b>			<b>679.98</b>			<b>679.98</b>	<b>0.00</b>	<b>0.0%</b>	<b>56.39%</b>
Service Charge	1	18.31	18.31	1	19.08	19.08	0.77	4.2%	1.58%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	10,000	0.0228	228.00	10,000	0.0228	228.00	0.00	0.0%	18.91%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>246.31</b>			<b>247.08</b>	<b>0.77</b>	<b>0.3%</b>	<b>20.49%</b>
Retail Transmission Rate – Network Service Rate	10,565	0.0038	40.15	10,565	0.0042	44.37	4.22	10.5%	3.68%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,565	0.0037	39.09	10,565	0.0039	41.20	2.11	5.4%	3.42%
<b>Total: Retail Transmission</b>			<b>79.24</b>			<b>85.57</b>	<b>6.33</b>	<b>8.0%</b>	<b>7.10%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>325.55</b>			<b>332.65</b>	<b>7.10</b>	<b>2.2%</b>	<b>27.59%</b>
Wholesale Market Service Rate	10,565	0.0052	54.94	10,565	0.0052	54.94	0.00	0.0%	4.56%
Rural Rate Protection Charge	10,565	0.0010	10.57	10,565	0.0010	10.57	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%	0.02%
<b>Sub-Total: Regulatory</b>			<b>65.76</b>			<b>65.76</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.45%</b>
<b>Debt Retirement Charge (DRC)</b>	10,000	0.00700	<b>70.00</b>	10,000	0.00700	<b>70.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.81%</b>
<b>Total Bill before Taxes</b>			<b>1,141.29</b>			<b>1,148.39</b>	<b>7.10</b>	<b>0.6%</b>	<b>95.24%</b>
<b>GST</b>	1,141.29	5%	<b>57.06</b>	1,148.39	5%	<b>57.42</b>	<b>0.36</b>	<b>0.6%</b>	<b>4.76%</b>
			<b>1,198.35</b>			<b>1,205.81</b>	<b>7.46</b>	<b>0.6%</b>	<b>100.00%</b>



**Rate Class Threshold Test**  
**General Service Less Than 50 kW**

	kWh	1,000	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh	kWh	1,057	5,283	10,565	15,848	21,130
	kW					
	Load Factor					

**Energy**

Applied For Bill	\$ 61.95	\$ 336.64	\$ 679.97	\$ 1,023.37	\$ 1,366.70
Current Bill	\$ 61.95	\$ 336.64	\$ 679.97	\$ 1,023.37	\$ 1,366.70
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	46.8%	55.2%	56.4%	56.8%	57.0%

**Distribution**

Applied For Bill	\$ 41.88	\$ 133.08	\$ 247.08	\$ 361.08	\$ 475.08
Current Bill	\$ 41.11	\$ 132.31	\$ 246.31	\$ 360.31	\$ 474.31
\$ Impact	\$ 0.77	\$ 0.77	\$ 0.77	\$ 0.77	\$ 0.77
% Impact	1.9%	0.6%	0.3%	0.2%	0.2%
% of Total Bill	31.6%	21.8%	20.5%	20.0%	19.8%

**Retail Transmission**

Applied For Bill	\$ 8.56	\$ 42.79	\$ 85.57	\$ 128.37	\$ 171.16
Current Bill	\$ 7.93	\$ 39.63	\$ 79.24	\$ 118.86	\$ 158.47
\$ Impact	\$ 0.63	\$ 3.16	\$ 6.33	\$ 9.51	\$ 12.69
% Impact	7.9%	8.0%	8.0%	8.0%	8.0%
% of Total Bill	6.5%	7.0%	7.1%	7.1%	7.1%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 50.44	\$ 175.87	\$ 332.65	\$ 489.45	\$ 646.24
Current Bill	\$ 49.04	\$ 171.94	\$ 325.55	\$ 479.17	\$ 632.78
\$ Impact	\$ 1.40	\$ 3.93	\$ 7.10	\$ 10.28	\$ 13.46
% Impact	2.9%	2.3%	2.2%	2.1%	2.1%
% of Total Bill	38.1%	28.9%	27.6%	27.2%	26.9%

**Regulatory**

Applied For Bill	\$ 6.81	\$ 33.00	\$ 65.76	\$ 98.51	\$ 131.26
Current Bill	\$ 6.81	\$ 33.00	\$ 65.76	\$ 98.51	\$ 131.26
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.1%	5.4%	5.5%	5.5%	5.5%

**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	5.3%	5.7%	5.8%	5.8%	5.8%

**GST**

Applied For Bill	\$ 6.31	\$ 29.03	\$ 57.42	\$ 85.82	\$ 114.21
Current Bill	\$ 6.24	\$ 28.83	\$ 57.06	\$ 85.30	\$ 113.54
\$ Impact	\$ 0.07	\$ 0.20	\$ 0.36	\$ 0.52	\$ 0.67
% Impact	1.1%	0.7%	0.6%	0.6%	0.6%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

**Total Bill**

Applied For Bill	\$ 132.51	\$ 609.54	\$ 1,205.80	\$ 1,802.15	\$ 2,398.41
Current Bill	\$ 131.04	\$ 605.41	\$ 1,198.34	\$ 1,791.35	\$ 2,384.28
\$ Impact	\$ 1.47	\$ 4.13	\$ 7.46	\$ 10.80	\$ 14.13
% Impact	1.1%	0.7%	0.6%	0.6%	0.6%

**General Service 50 to 4,999 kW**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	33.87	34.67
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	6.0269	6.0384
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.5599	1.7362
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4784	1.5597
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

<b>Consumption</b>	<b>715,000</b>	<b>kWh</b>	<b>2,480</b>	<b>kW</b>
<b>RPP Tier One</b>	<b>750</b>	<b>kWh</b>	<b>Load Factor</b>	<b>39.5%</b>

**Loss Factor 1.0565**

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	0.05%
Energy Second Tier (kWh)	754,648	0.0650	49,052.12	754,648	0.0650	49,052.12	0.00	0.0%	56.99%
<b>Sub-Total: Energy</b>			<b>49,094.12</b>			<b>49,094.12</b>	<b>0.00</b>	<b>0.0%</b>	<b>57.04%</b>
Service Charge	1	33.87	33.87	1	34.67	34.67	0.80	2.4%	0.04%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	6.0269	14,946.71	2,480	6.0384	14,975.23	28.52	0.2%	17.40%
Distribution Volumetric Rate Rider(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>14,980.58</b>			<b>15,009.90</b>	<b>29.32</b>	<b>0.2%</b>	<b>17.44%</b>
Retail Transmission Rate – Network Service Rate	2,480	1.5599	3,868.55	2,480	1.7362	4,305.78	437.23	11.3%	5.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.4784	3,666.43	2,480	1.5597	3,868.06	201.63	5.5%	4.49%
<b>Total: Retail Transmission</b>			<b>7,534.98</b>			<b>8,173.84</b>	<b>638.86</b>	<b>8.5%</b>	<b>9.50%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>22,515.56</b>			<b>23,183.74</b>	<b>668.18</b>	<b>3.0%</b>	<b>26.94%</b>
Wholesale Market Service Rate	755,398	0.0052	3,928.07	755,398	0.0052	3,928.07	0.00	0.0%	4.56%
Rural Rate Protection Charge	755,398	0.0010	755.40	755,398	0.0010	755.40	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%	0.00%
<b>Sub-Total: Regulatory</b>			<b>4,683.72</b>			<b>4,683.72</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.44%</b>
Debt Retirement Charge (DRC)	715,000	0.00700	5,005.00	715,000	0.00700	5,005.00	0.00	0.0%	5.82%
<b>Total Bill before Taxes</b>			<b>81,298.40</b>			<b>81,966.58</b>	<b>668.18</b>	<b>0.8%</b>	<b>95.24%</b>
<b>GST</b>	81,298.40	5%	<b>4,064.92</b>	81,966.58	5%	<b>4,098.33</b>	<b>33.41</b>	<b>0.8%</b>	<b>4.76%</b>
			<b>85,363.32</b>			<b>86,064.91</b>	<b>701.59</b>	<b>0.8%</b>	<b>100.00%</b>

**Rate Class Threshold Test**  
**General Service 50 to 4,999 kW**

	kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh	kWh	21,130	538,815	1,051,218	1,585,807	2,119,339
	kW	50	1,270	2,480	3,740	5,000
Load Factor		0.55	0.55	0.55	0.55	0.55

**Energy**

Applied For Bill	\$	1,366.70	\$	35,016.22	\$	68,322.42	\$	103,070.70	\$	137,750.28
Current Bill	\$	1,366.70	\$	35,016.22	\$	68,322.42	\$	103,070.70	\$	137,750.28
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		60.8%		62.0%		62.0%		62.0%		62.0%

**Distribution**

Applied For Bill	\$	336.59	\$	7,703.44	\$	15,009.90	\$	22,618.29	\$	30,226.67
Current Bill	\$	335.21	\$	7,688.03	\$	14,980.58	\$	22,574.48	\$	30,168.37
\$ Impact	\$	1.38	\$	15.41	\$	29.32	\$	43.81	\$	58.30
% Impact		0.4%		0.2%		0.2%		0.2%		0.2%
% of Total Bill		15.0%		13.6%		13.6%		13.6%		13.6%

**Retail Transmission**

Applied For Bill	\$	164.80	\$	4,185.79	\$	8,173.84	\$	12,326.67	\$	16,479.50
Current Bill	\$	151.92	\$	3,858.64	\$	7,534.98	\$	11,363.25	\$	15,191.50
\$ Impact	\$	12.88	\$	327.15	\$	638.86	\$	963.42	\$	1,288.00
% Impact		8.5%		8.5%		8.5%		8.5%		8.5%
% of Total Bill		7.3%		7.4%		7.4%		7.4%		7.4%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$	501.39	\$	11,889.23	\$	23,183.74	\$	34,944.96	\$	46,706.17
Current Bill	\$	487.13	\$	11,546.67	\$	22,515.56	\$	33,937.73	\$	45,359.87
\$ Impact	\$	14.26	\$	342.56	\$	668.18	\$	1,007.23	\$	1,346.30
% Impact		2.9%		3.0%		3.0%		3.0%		3.0%
% of Total Bill		22.3%		21.0%		21.0%		21.0%		21.0%

**Regulatory**

Applied For Bill	\$	131.26	\$	3,340.91	\$	6,517.80	\$	9,832.26	\$	13,140.15
Current Bill	\$	131.26	\$	3,340.91	\$	6,517.80	\$	9,832.26	\$	13,140.15
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		5.8%		5.9%		5.9%		5.9%		5.9%

**Debt Retirement Charge**

Applied For Bill	\$	140.00	\$	3,570.00	\$	6,965.00	\$	10,507.00	\$	14,042.00
Current Bill	\$	140.00	\$	3,570.00	\$	6,965.00	\$	10,507.00	\$	14,042.00
\$ Impact	\$	-	\$	-	\$	-	\$	-	\$	-
% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
% of Total Bill		6.2%		6.3%		6.3%		6.3%		6.3%

**GST**

Applied For Bill	\$	106.97	\$	2,690.82	\$	5,249.45	\$	7,917.75	\$	10,581.93
Current Bill	\$	106.25	\$	2,673.69	\$	5,216.04	\$	7,867.38	\$	10,514.62
\$ Impact	\$	0.72	\$	17.13	\$	33.41	\$	50.37	\$	67.31
% Impact		0.7%		0.6%		0.6%		0.6%		0.6%
% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%

**Total Bill**

Applied For Bill	\$	2,246.32	\$	56,507.18	\$	110,238.41	\$	166,272.67	\$	222,220.53
Current Bill	\$	2,231.34	\$	56,147.49	\$	109,536.82	\$	165,215.07	\$	220,806.92
\$ Impact	\$	14.98	\$	359.69	\$	701.59	\$	1,057.60	\$	1,413.61
% Impact		0.7%		0.6%		0.6%		0.6%		0.6%

**Unmetered Scattered Load**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	9.02	9.04
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0235	0.0235
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038	0.0042
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0037	0.0039
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

<b>Consumption</b>	<b>10,000</b>	<b>kWh</b>	<b>0</b>	<b>kW</b>
<b>RPP Tier One</b>	<b>750</b>	<b>kWh</b>	<b>Load Factor</b>	

**Loss Factor 1.0565**

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0560	42.00	750	0.0560	42.00	0.00	0.0%	3.49%
Energy Second Tier (kWh)	9,815	0.0650	637.98	9,815	0.0650	637.98	0.00	0.0%	53.05%
<b>Sub-Total: Energy</b>			<b>679.98</b>			<b>679.98</b>	<b>0.00</b>	<b>0.0%</b>	<b>56.54%</b>
Service Charge	1	9.02	9.02	1	9.04	9.04	0.02	0.2%	0.75%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	10,000	0.0235	235.00	10,000	0.0235	235.00	0.00	0.0%	19.54%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>244.02</b>			<b>244.04</b>	<b>0.02</b>	<b>0.0%</b>	<b>20.29%</b>
Retail Transmission Rate – Network Service Rate	10,565	0.0038	40.15	10,565	0.0042	44.37	4.22	10.5%	3.69%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,565	0.0037	39.09	10,565	0.0039	41.20	2.11	5.4%	3.43%
<b>Total: Retail Transmission</b>			<b>79.24</b>			<b>85.57</b>	<b>6.33</b>	<b>8.0%</b>	<b>7.12%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>323.26</b>			<b>329.61</b>	<b>6.35</b>	<b>2.0%</b>	<b>27.41%</b>
Wholesale Market Service Rate	10,565	0.0052	54.94	10,565	0.0052	54.94	0.00	0.0%	4.57%
Rural Rate Protection Charge	10,565	0.0010	10.57	10,565	0.0010	10.57	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%	0.02%
<b>Sub-Total: Regulatory</b>			<b>65.76</b>			<b>65.76</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.47%</b>
<b>Debt Retirement Charge (DRC)</b>	10,000	0.00700	<b>70.00</b>	10,000	0.00700	<b>70.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>5.82%</b>
<b>Total Bill before Taxes</b>			<b>1,139.00</b>			<b>1,145.35</b>	<b>6.35</b>	<b>0.6%</b>	<b>95.24%</b>
<b>GST</b>	1,139.00	5%	<b>56.95</b>	1,145.35	5%	<b>57.27</b>	<b>0.32</b>	<b>0.6%</b>	<b>4.76%</b>
			<b>1,195.95</b>			<b>1,202.62</b>	<b>6.67</b>	<b>0.6%</b>	<b>100.00%</b>

**Rate Class Threshold Test**  
**Unmetered Scattered Load**

	kWh	500	5,000	10,000	15,000	20,000
Loss Factor Adjusted kWh		529	5,283	10,565	15,848	21,130
kW						
Load Factor						

**Energy**

Applied For Bill	\$ 29.62	\$ 336.64	\$ 679.97	\$ 1,023.37	\$ 1,366.70
Current Bill	\$ 29.62	\$ 336.64	\$ 679.97	\$ 1,023.37	\$ 1,366.70
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	45.7%	55.9%	56.5%	56.8%	56.9%

**Distribution**

Applied For Bill	\$ 20.79	\$ 126.54	\$ 244.04	\$ 361.54	\$ 479.04
Current Bill	\$ 20.77	\$ 126.52	\$ 244.02	\$ 361.52	\$ 479.02
\$ Impact	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
% Impact	0.1%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	32.1%	21.0%	20.3%	20.1%	19.9%

**Retail Transmission**

Applied For Bill	\$ 4.28	\$ 42.79	\$ 85.57	\$ 128.37	\$ 171.16
Current Bill	\$ 3.97	\$ 39.63	\$ 79.24	\$ 118.86	\$ 158.47
\$ Impact	\$ 0.31	\$ 3.16	\$ 6.33	\$ 9.51	\$ 12.69
% Impact	7.8%	8.0%	8.0%	8.0%	8.0%
% of Total Bill	6.6%	7.1%	7.1%	7.1%	7.1%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 25.07	\$ 169.33	\$ 329.61	\$ 489.91	\$ 650.20
Current Bill	\$ 24.74	\$ 166.15	\$ 323.26	\$ 480.38	\$ 637.49
\$ Impact	\$ 0.33	\$ 3.18	\$ 6.35	\$ 9.53	\$ 12.71
% Impact	1.3%	1.9%	2.0%	2.0%	2.0%
% of Total Bill	38.7%	28.1%	27.4%	27.2%	27.1%

**Regulatory**

Applied For Bill	\$ 3.53	\$ 33.00	\$ 65.76	\$ 98.51	\$ 131.26
Current Bill	\$ 3.53	\$ 33.00	\$ 65.76	\$ 98.51	\$ 131.26
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.4%	5.5%	5.5%	5.5%	5.5%

**Debt Retirement Charge**

Applied For Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
Current Bill	\$ 3.50	\$ 35.00	\$ 70.00	\$ 105.00	\$ 140.00
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.4%	5.8%	5.8%	5.8%	5.8%

**GST**

Applied For Bill	\$ 3.09	\$ 28.70	\$ 57.27	\$ 85.84	\$ 114.41
Current Bill	\$ 3.07	\$ 28.54	\$ 56.95	\$ 85.36	\$ 113.77
\$ Impact	\$ 0.02	\$ 0.16	\$ 0.32	\$ 0.48	\$ 0.64
% Impact	0.7%	0.6%	0.6%	0.6%	0.6%
% of Total Bill	4.8%	4.8%	4.8%	4.8%	4.8%

**Total Bill**

Applied For Bill	\$ 64.81	\$ 602.67	\$ 1,202.61	\$ 1,802.63	\$ 2,402.57
Current Bill	\$ 64.46	\$ 599.33	\$ 1,195.94	\$ 1,792.62	\$ 2,389.22
\$ Impact	\$ 0.35	\$ 3.34	\$ 6.67	\$ 10.01	\$ 13.35
% Impact	0.5%	0.6%	0.6%	0.6%	0.6%

**Sentinel Lighting**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	1.71	1.71
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	4.6865	4.6954
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.1823	1.3159
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1668	1.2310
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

<b>Consumption</b>	<b>180</b>	<b>kWh</b>	<b>0.50</b>	<b>kW</b>
<b>RPP Tier One</b>	<b>750</b>	<b>kWh</b>	<b>Load Factor</b>	<b>49.3%</b>

**Loss Factor 1.0565**

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	191	0.0560	10.70	191	0.0560	10.70	0.00	0.0%	45.59%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>10.70</b>			<b>10.70</b>	<b>0.00</b>	<b>0.0%</b>	<b>45.59%</b>
Service Charge	1	1.71	1.71	1	1.71	1.71	0.00	0.0%	7.29%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	4.6865	4.69	1	4.6954	4.70	0.01	0.2%	20.03%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>6.40</b>			<b>6.41</b>	<b>0.01</b>	<b>0.2%</b>	<b>27.31%</b>
Retail Transmission Rate – Network Service Rate	1	1.1823	1.18	1	1.3159	1.32	0.14	11.9%	5.62%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.1668	1.17	1	1.2310	1.23	0.06	5.1%	5.24%
<b>Total: Retail Transmission</b>			<b>2.35</b>			<b>2.55</b>	<b>0.20</b>	<b>8.5%</b>	<b>10.86%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>8.75</b>			<b>8.96</b>	<b>0.21</b>	<b>2.4%</b>	<b>38.18%</b>
Wholesale Market Service Rate	191	0.0052	0.99	191	0.0052	0.99	0.00	0.0%	4.22%
Rural Rate Protection Charge	191	0.0010	0.19	191	0.0010	0.19	0.00	0.0%	0.81%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.07%
<b>Sub-Total: Regulatory</b>			<b>1.43</b>			<b>1.43</b>	<b>0.00</b>	<b>0.0%</b>	<b>6.09%</b>
<b>Debt Retirement Charge (DRC)</b>	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	5.37%
<b>Total Bill before Taxes</b>			<b>22.14</b>			<b>22.35</b>	<b>0.21</b>	<b>0.9%</b>	<b>95.23%</b>
<b>GST</b>	22.14	5%	1.11	22.35	5%	1.12	0.01	0.9%	4.77%
			<b>23.25</b>			<b>23.47</b>	<b>0.22</b>	<b>0.9%</b>	<b>100.00%</b>

**Rate Class Threshold Test**

**Sentinel Lighting**

	kWh	70	130	180	270	360
Loss Factor	Adjusted kWh	74	138	191	286	381
	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	\$ 4.14	\$ 7.73	\$ 10.70	\$ 16.02	\$ 21.34
Current Bill	\$ 4.14	\$ 7.73	\$ 10.70	\$ 16.02	\$ 21.34
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	27.6%	39.3%	45.6%	52.8%	57.4%

**Distribution**

Applied For Bill	\$ 6.41	\$ 6.41	\$ 6.41	\$ 6.41	\$ 6.41
Current Bill	\$ 6.40	\$ 6.40	\$ 6.40	\$ 6.40	\$ 6.40
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	0.2%	0.2%	0.2%	0.2%	0.2%
% of Total Bill	42.7%	32.6%	27.3%	21.1%	17.2%

**Retail Transmission**

Applied For Bill	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55	\$ 2.55
Current Bill	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35	\$ 2.35
\$ Impact	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20
% Impact	8.5%	8.5%	8.5%	8.5%	8.5%
% of Total Bill	17.0%	13.0%	10.9%	8.4%	6.9%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 8.96	\$ 8.96	\$ 8.96	\$ 8.96	\$ 8.96
Current Bill	\$ 8.75	\$ 8.75	\$ 8.75	\$ 8.75	\$ 8.75
\$ Impact	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
% Impact	2.4%	2.4%	2.4%	2.4%	2.4%
% of Total Bill	59.7%	45.6%	38.2%	29.5%	24.1%

**Regulatory**

Applied For Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.03	\$ 2.61
Current Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.03	\$ 2.61
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.7%	5.6%	6.1%	6.7%	7.0%

**Debt Retirement Charge**

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.3%	4.6%	5.4%	6.2%	6.8%

**GST**

Applied For Bill	\$ 0.71	\$ 0.94	\$ 1.12	\$ 1.45	\$ 1.77
Current Bill	\$ 0.70	\$ 0.93	\$ 1.11	\$ 1.43	\$ 1.76
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.02	\$ 0.01
% Impact	1.4%	1.1%	0.9%	1.4%	0.6%
% of Total Bill	4.7%	4.8%	4.8%	4.8%	4.8%

**Total Bill**

Applied For Bill	\$ 15.00	\$ 19.65	\$ 23.47	\$ 30.35	\$ 37.20
Current Bill	\$ 14.78	\$ 19.43	\$ 23.25	\$ 30.12	\$ 36.98
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.23	\$ 0.22
% Impact	1.5%	1.1%	0.9%	0.8%	0.6%

## Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	1.51	1.51
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	4.1037	4.1115
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.1764	1.3093
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1430	1.2059
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

<b>Consumption</b>	<b>180</b>	<b>kWh</b>	<b>0.50</b>	<b>kW</b>
<b>RPP Tier One</b>	<b>750</b>	<b>kWh</b>	<b>Load Factor</b>	<b>49.3%</b>

**Loss Factor 1.0565**

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	191	0.0560	10.70	191	0.0560	10.70	0.00	0.0%	47.32%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
<b>Sub-Total: Energy</b>			<b>10.70</b>			<b>10.70</b>	<b>0.00</b>	<b>0.0%</b>	<b>47.32%</b>
Service Charge	1	1.51	1.51	1	1.51	1.51	0.00	0.0%	6.68%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	4.1037	4.10	1	4.1115	4.11	0.01	0.2%	18.18%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
<b>Total: Distribution</b>			<b>5.61</b>			<b>5.62</b>	<b>0.01</b>	<b>0.2%</b>	<b>24.86%</b>
Retail Transmission Rate – Network Service Rate	1	1.1764	1.18	1	1.3093	1.31	0.13	11.0%	5.79%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	1.1430	1.14	1	1.2059	1.21	0.07	6.1%	5.35%
<b>Total: Retail Transmission</b>			<b>2.32</b>			<b>2.52</b>	<b>0.20</b>	<b>8.6%</b>	<b>11.15%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>7.93</b>			<b>8.14</b>	<b>0.21</b>	<b>2.6%</b>	<b>36.00%</b>
Wholesale Market Service Rate	191	0.0052	0.99	191	0.0052	0.99	0.00	0.0%	4.38%
Rural Rate Protection Charge	191	0.0010	0.19	191	0.0010	0.19	0.00	0.0%	0.84%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.11%
<b>Sub-Total: Regulatory</b>			<b>1.43</b>			<b>1.43</b>	<b>0.00</b>	<b>0.0%</b>	<b>6.32%</b>
<b>Debt Retirement Charge (DRC)</b>	180	0.00700	1.26	180	0.00700	1.26	0.00	0.0%	5.57%
<b>Total Bill before Taxes</b>			<b>21.32</b>			<b>21.53</b>	<b>0.21</b>	<b>1.0%</b>	<b>95.22%</b>
<b>GST</b>	21.32	5%	1.07	21.53	5%	1.08	0.01	0.9%	4.78%
			<b>22.39</b>			<b>22.61</b>	<b>0.22</b>	<b>1.0%</b>	<b>100.00%</b>



**Rate Class Threshold Test**

**Street Lighting**

	kWh	70	130	180	270	360
Loss Factor Adjusted	kWh	74	138	191	286	381
	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	\$ 4.14	\$ 7.73	\$ 10.70	\$ 16.02	\$ 21.34
Current Bill	\$ 4.14	\$ 7.73	\$ 10.70	\$ 16.02	\$ 21.34
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	29.3%	41.2%	47.3%	54.3%	58.7%

**Distribution**

Applied For Bill	\$ 5.62	\$ 5.62	\$ 5.62	\$ 5.62	\$ 5.62
Current Bill	\$ 5.61	\$ 5.61	\$ 5.61	\$ 5.61	\$ 5.61
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	0.2%	0.2%	0.2%	0.2%	0.2%
% of Total Bill	39.7%	29.9%	24.9%	19.1%	15.5%

**Retail Transmission**

Applied For Bill	\$ 2.52	\$ 2.52	\$ 2.52	\$ 2.52	\$ 2.52
Current Bill	\$ 2.32	\$ 2.32	\$ 2.32	\$ 2.32	\$ 2.32
\$ Impact	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20	\$ 0.20
% Impact	8.6%	8.6%	8.6%	8.6%	8.6%
% of Total Bill	17.8%	13.4%	11.1%	8.5%	6.9%

**Delivery (Distribution and Retail Transmission)**

Applied For Bill	\$ 8.14	\$ 8.14	\$ 8.14	\$ 8.14	\$ 8.14
Current Bill	\$ 7.93	\$ 7.93	\$ 7.93	\$ 7.93	\$ 7.93
\$ Impact	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21
% Impact	2.6%	2.6%	2.6%	2.6%	2.6%
% of Total Bill	57.6%	43.3%	36.0%	27.6%	22.4%

**Regulatory**

Applied For Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.03	\$ 2.61
Current Bill	\$ 0.70	\$ 1.11	\$ 1.43	\$ 2.03	\$ 2.61
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.0%	5.9%	6.3%	6.9%	7.2%

**Debt Retirement Charge**

Applied For Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
Current Bill	\$ 0.49	\$ 0.91	\$ 1.26	\$ 1.89	\$ 2.52
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.5%	4.8%	5.6%	6.4%	6.9%

**GST**

Applied For Bill	\$ 0.67	\$ 0.89	\$ 1.08	\$ 1.40	\$ 1.73
Current Bill	\$ 0.66	\$ 0.88	\$ 1.07	\$ 1.39	\$ 1.72
\$ Impact	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
% Impact	1.5%	1.1%	0.9%	0.7%	0.6%
% of Total Bill	4.7%	4.7%	4.8%	4.7%	4.8%

**Total Bill**

Applied For Bill	\$ 14.14	\$ 18.78	\$ 22.61	\$ 29.48	\$ 36.34
Current Bill	\$ 13.92	\$ 18.56	\$ 22.39	\$ 29.26	\$ 36.12
\$ Impact	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22	\$ 0.22
% Impact	1.6%	1.2%	1.0%	0.8%	0.6%