

**Energizing Our Community** 

Telephone: (705) 326-7315 Fax: (705) 326-0800

November 6, 2008

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

Dear Ms. Walli:

Re: Orillia Power Distribution Corporation

Licence Number ED-2002-0530

2009 Electricity Distribution Rates Application EB-2008-0239

Orillia Power Distribution Corporation ("Orillia") is pleased to submit to the Ontario Energy Board (the "Board") its 2009 electricity distribution rate application, in compliance with the Board letter dated October 23, 2008 that directs the company to file its electricity distribution rate application by November 7, 2008. The October 23<sup>rd</sup> letter was accompanied by the Board's filing requirements for 2009 incentive regulation mechanism ("IRM") rate adjustments and the 2009 IRM model.

The filing requirements indicate that each application should include a completed incentive regulation mechanism model ("IRM Model") and a brief Manager's Summary explaining all rate adjustments applied for. The completed 2009 IRM Model is attached and this letter will constitute the Manager's Summary for Orillia's 2009 rate application. Information that is provided in the IRM Model will not be repeated in this letter.





Orillia's 2009 electricity distribution rate application will be sent to you in the following form:

- (a) Electronic filing through the Board's web portal at www.errr.oeb.gov.on.ca, consisting of one (1) electronic copy of the application in searchable /unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the completed 2nd Generation IRM model and one (1) electronic copy of the Manager's summary;
- (b) Two (2) paper copies of the application, the Manager's Summary and the IRM Model, along with a CD of the above (item (a)).

## **Price Cap Adjustment**

Under the 2nd Generation IRM plan, Orillia's electricity distribution rates for 2009 have been adjusted for four factors: a price escalator, an X-factor, a K-factor and a federal tax adjustment. The Board has determined that GDP-IPI – for final domestic demand is to be used as the price escalator for the 2nd Generation IRM. For 2009, the Board expects Orillia to use, as a proxy, the current value of 2.1% in its application. The IRM Model includes this proxy as a reasonable estimate of the index result. Orillia understands that when the final 2008 data are published by Statistics Canada in late February 2009, the Board will adjust the inflation index in Orillia's rate application model to ensure this final published number is used to adjust rates.

The Board approved X-Factor of 1.0% is applied to reduce the upward adjustment resulting from the price escalator value. The X-Factor represents the annual average expected productivity gain to be achieved by a distributor.

In the Report of the Board on Cost of Capital and 2nd Generation Incentive Regulation for Ontario's Electricity Distributors, the Board determined that a common deemed capital structure of 40% equity and 60% debt would be used for rate-setting purpose. In 2009, year 2 of the transition, it is assumed Orillia's deemed capital structure will move from 46.7% equity and 53.3% debt to 43.3% equity and 56.7% debt. An adjustment factor of -0.3% is applied to the 2008 rates to address the change in deemed capital structure. This adjustment factor has been termed the K-factor.

As the result of the federal government announced in an Economic Statement on October 30, 2007 that the federal income tax rates for corporations would be reduced effective January 1, 2008, the Board made changes to the IRM application process. The 2009 price cap will be adjusted to reflect the new income tax rates by the method described in Appendix A of the Board's letter dated November 21, 2007. A federal tax rate adjustment of -0.2% is applied to the 2008 rates to address the change in federal income tax rates.

The IRM Model applied the price cap adjustment of 1.1% (i.e. 2.1% price escalator less -1.0% X-factor) to the 2008 fixed and variable distribution rates before the smart meter funding adder, and after the application of the K-factor and the federal tax adjustment. The combined impact of the price cap adjustment, the K-factor and the federal tax adjustment on distribution rates is approximately 0.6%. Orillia understands the price cap will not apply to Specific Service Charges.

# **The Smart Meter Adder**

Smart Meter Funding is currently included in the Monthly Service Charge in accordance with the Board's Decision RP-2005-0020/EB-2005-0529 and as approved in the Board's Decision and Rate Order that supports Orillia's current rates. The current rate adder of \$0.27 has been removed and a new rate adder of \$1.00 has been incorporated into 2009 rates.

Orillia is participating in the Cornerstone Hydro Electric Concepts ("CHEC") and Ontario Utility Smart Meter ("OUSM") groups. Orillia intends to achieve full deployment of smart meters to all its residential and general service <50 kW customers by the end of 2009. Orillia has initiated procurement of smart meters pursuant to and in compliance with the August 14, 2007 Request for Proposal issued by London Hydro Inc. and has been extended authorization pursuant to Ontario Regulation 427/06 as amended on June 25, 2008 to install smart meters within its service territory.

Orillia has entered into negotiations with Sensus, its vendor selected through the London Hydro RFP and expects to have a signed contract by December 2008. Orillia plans to install 11,981 meters in the 2009 rate year at an estimated capital cost of \$184 per meter and \$2.2 Million in total.

Orillia has not purchased, and does not expect to purchase, smart meters or advanced metering infrastructure ("AMI") whose functionality exceeds the minimum functionality adopted in O. Reg. 425/06. Orillia has not incurred, and does not expect to incur, costs associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07.

# Retail Transmission Rates

The Board "Guidelines for Electricity Distribution Retail Transmission Rates ("RTSR's) were issued October 22, 2008. Based on the Decision and Rate Order of the Board (EB-2008-0113), new Uniform Transmission Rates (UTR's) are effective January 1, 2009. The Guideline instructs distributors to adjust RTSR's in the same manner as the UTR's have been changed. An increase of

Ms. Kirsten Walli – November 6, 2008 Page 4

11% has been applied to the 2008 Network Service Rate and an increase of 5% has been applied to the 2008 Line Transformation Connection Service Rate.

## Conclusion

The proposed 2009 distribution rates for Orillia are calculated in Sheet N1.1 and N2.1, the 2009 Proposed Tariff Sheet and the resulting bill impacts are shown in excel sheets generated by the model. The bill impact for a residential customer in Orillia, with a monthly electricity consumption of 600 kWh, will increase by 1.8% or \$1.30 per month after GST. The same customer using 1,000 kWh per month will see an increase of 1.4% or \$1.60 per month after GST. This increase is the result of three factors: a net increase in distribution rates, an increase in smart meter funding adder from \$0.27 to \$1.00 and an increase in RTSR rates.

We would be pleased to provide any further information or details that you may require relative to this application.

Yours truly

John F. Mattinson P. Eng.

President & Secretary

Orillia Power Distribution Corporation









Input Cell

Formulated Cells



Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.

For best viewing, set your screen resolution to 1280 by 960 pixels

Applicant Name	Orillia Power Distribution Corporation
Applicant Service Area	Main
OEB Application Number	EB-2008-0239
LDC Licence Number	ED-2002-0530
Notice Publication Language	English
DRC Rate	0.00490
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
RTSR - Low Voltage	No
Contact Information	
Name:	Patrick Hurley
Title:	Treasurer and Chief Financial Officer
Phone Number:	705-326-2495 Extension 222
E-Mail Address:	phurley@orilliapower.ca

#### Please Note:

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

#### Copyright:

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

Sheet Name	Purpose of Sheet	
A1.1 LDC Information	Enter LDC Data	
A2.1 Table of Contents	Table of Contents	
B1.1 Curr&Appl Rt Class General	Set up Tariff Sheet Rate Classes - General	
B2.1 Curr&Appl Rt Class Unique	Set up Tariff Sheet Rate Classes - Unique	
C1.1 Smart Meters Rate Adder	Enter Smart Meter Rate Adder	
C2.1 Smart Meter Cost Recovery		0
C2.2 Regulatory Asset Recovery		0
C2.3 LV Wheeling		0
C3.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates - General Rate Classes	
C6.1 Curr Rates & Chgs Unique	Enter Current Tariff Sheet Rates - Unique Rate Classes (if applicable)	
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates - General Rate Classes	
C8.1 Base Dist Rates Unique	Calculation of Base Distribution Rates - Unique Rate Classes	
D1.1 K-factor Adjustment Wrksht	Enter 2006 EDR K-Factor Adjustment Data	
D1.2 K-factor Adjustment - Gen	Calculation of Adjustment to Rates for K-Factor - General Rate Class	
D1.3 K-factor Adjustment - Uniq	Calculation of Adjustment to Rates for K-Factor - Unique Rate Class	
D2.1 Federal Tax Adjust Wrksht	Enter Federal Tax Adjustment Data	
D2.2 Federal Tax Adjustment Gen	Calculation of Adjustment to Rates for Federal Taxes - General Rate Classes	
D2.3 Federal Tax Adjustment Unq	Calculation of Adjustment to Rates for Federal Taxes - Unique Rate Classes	
E1.1 Rate Reb Base Dist Rts Gen	Calculation of Rates before Price Cap Adjustment - General Rate Classes	
E2.1 Rate Reb Base Dist Rts Ung	Calculation of Rates before Price Cap Adjustment - Unique Rate Classes	
F1.1 Price Cap Adjustmnt Wrksht	Enter Price Cap Adjustment Data	
F1.2 Price Cap Adjustment - Gen	Calculation of Adjustment to Rates for Price Cap Adjustment - General Rate Classes	
F1.3 Price Cap Adjustment - Unq	Calculation of Adjustment to Rates for Price Cap Adjustment - Unique Rate Classes	
G1.1 Aft PrcCp Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment - General Rate Class	
G2.1 AftPrcCap Bas Dst Rts Uniq	Base Distribution Rates after Price Cap Adjustment - Unique Rate Class	
J1.1 Smart Meters Rate Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder	
J2.1 Smart Meter Cost Recovery		0
J2.2 Regulatory Asset Recovery		0
J2.3 LV Wheeling		0
K1.1 App For Dist Rates Gen	Calculation of Proposed Distribution Rates - General Rate Classes	
K2.1 App For Dist Rates Uniq	Calculation of Proposed Distribution Rates - Unique Rate Classes	
L1.1 Curr&Appl For TX Network	To input adjustment changes for Retail Transmission Network Rates General	
L1.2 Curr&Appl For TX Net Uniq	To input adjustment changes for Retail Transmission Network Rates Unique	
L2.1 Curr&Appl For TX Connect	To input adjustment changes for Retail Transmission Connection Rates General	
L2.2 Curr&Appl For TX Conn Uniq	To input adjustment changes for Retail Transmission Connection Rates Unique	
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges - General Rate Classes	
N2.1 Appl For Mthly R&C Unique	Monthly Rates and Charges - Unique Rate Classes	
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet	
O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge	

O1.2 Sum of Chas To MSC&DX Uniq Shows Summary of Changes To Unique Service Charge and Distribution Volumetric Charge

O2.1 Calculation of Bill Impact Bill Impact Calculations

P1.1 Curr&Appl For Allowances Enter Allowances from Current Tariff Sheets

 P2.1 Curr&Appl For Spc Srv Chg
 Enter Specific Service Charges from Current Tariff Sheets

 P3.1 Curr&Appl For Rtl Srv Chg
 Enter Retail Service Charges from Current Tariff Sheets



# **Ontario Energy Board**

Commission de l'énergie de l'Ontario

# **2nd Generation Incentive Regulation Mechanism**

















#### Instructions

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

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

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

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
RES	Residential	Continuing	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Continuing	Customer - 12 per year	kWh
GSGT50	General Service 50 to 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 7	NA	NA	NA
NA	Rate Class 8	NA	NA	NA
NA	Rate Class 9	NA	NA	NA
NA	Rate Class 10	NA	NA	NA
NA	Rate Class 11	NA	NA	NA
NA	Rate Class 12	NA	NA	NA
NA	Rate Class 13	NA	NA	NA
NA	Rate Class 14	NA	NA	NA
NA	Rate Class 15	NA	NA	NA
NA	Rate Class 16	NA	NA	NA
NA	Rate Class 17	NA	NA	NA
NA	Rate Class 18	NA	NA	NA
NA	Rate Class 19	NA	NA	NA
NA	Rate Class 20	NA	NA	NA
NA	Rate Class 21	NA	NA	NA
NA	Rate Class 22	NA	NA	NA
NA	Rate Class 23	NA	NA	NA
NA	Rate Class 24	NA	NA	NA
NA	Rate Class 25	NA	NA	NA



# **Ontario Energy Board**

Commission de l'énergie de l'Ontario

# **2nd Generation Incentive Regulation Mechanism**

















#### Instructions

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

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

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

Rate Group	Rate Class	Applied for Status	Fixed Metric	Vol Metric
USB	Standby Power - APPROVED ON AN INTERIM BASIS	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



















#### 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 utilites that do not have a plan. A different amount applied to utilities who had a smar meter plan that was modified in accordance with the Decision with Reasons RP-2005-0020 / EB-2005-0529.

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

Rate Adder Smart Meters Rate Adder

Applied for Status Continuing

Metric Applied To Metered Customers

Method of Application Uniform Service Charge

Uniform Service Charge Amount 0.270000

Rate Class Applied to Class **Fixed Amount Fixed Metric** Vol Amount Vol Metric Residential Customer - 12 per year kWh Yes 0.270000 0.000000 General Service Less Than 50 kW Yes 0.270000 Customer - 12 per year 0.000000 kWh General Service 50 to 4.999 kW 0.270000 Customer - 12 per year kW Yes 0.000000

# Rate Class Residential

Rate Description	Metric	Rate
Service Charge	\$	13.58
Distribution Volumetric Rate	\$/kWh	0.0128
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0034
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0033
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	\$	31.00
Distribution Volumetric Rate	\$/kWh	0.0144
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0030
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

### General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	337.64
Distribution Volumetric Rate	\$/kW	3.3955
Retail Transmission Rate – Network Service Rate	\$/kW	1.2825
	\$/kW	0.0000
	\$/kW	0.0000
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2338
	\$/kW	0.0000
	\$/kW	0.0000
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Rate Class

## Unmetered Scattered Load

Rate Description	/letric	Rate
Service Charge (per connection)	\$	15.36
Distribution Volumetric Rate	/kWh	0.0144
Retail Transmission Rate – Network Service Rate	/kWh	0.0030
Retail Transmission Rate – Line and Transformation Connection Service Rate	/kWh	0.0030
Wholesale Market Service Rate	/kWh	0.0052
Rural Rate Protection Charge	/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Rate Class

### Sentinel Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.18
Distribution Volumetric Rate	\$/kW	8.5253
Retail Transmission Rate - Network Service Rate	\$/kW	0.9496
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9392
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)	\$	1.06
Distribution Volumetric Rate	\$/kW	3.7151
Retail Transmission Rate – Network Service Rate	\$/kW	0.9448
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9199
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

### Standby Power - APPROVED ON AN INTERIM BASIS

Rate Description	Metric	Rate
Service Charge	\$	0.00
Distribution Volumetric Rate	\$/kW	1.0090
Retail Transmission Rate – Network Service Rate	\$/kW	0.0000
Retail Transmission Rate - Line and Transformation Connection Service		
Rate	\$/kW	0.0000

















Instructions

No input required.

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

### **Service Charge**

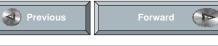
Class	<u>Metric</u>	<b>Current Rates</b>	Smart Meters Rate Adder	Current Base Rates
Residential	Customer - 12 per year	13.580000	0.270000	13.310000
General Service Less Than 50 kW	Customer - 12 per year	31.000000	0.270000	30.730000
General Service 50 to 4,999 kW	Customer - 12 per year	337.640000	0.270000	337.370000
Unmetered Scattered Load	Connection -12 per year	15.360000	0.000000	15.360000
Sentinel Lighting	Connection - 12 per year	3.180000	0.000000	3.180000
Street Lighting	Connection - 12 per year	1.060000	0.000000	1.060000

### **Distribution Volumetric Rate**

Class	Metric	Current Rates	Smart Meters Rate Adder	Current Base Rates
Residential	kWh	0.012800	0.000000	0.012800
General Service Less Than 50 kW	kWh	0.014400	0.000000	0.014400
General Service 50 to 4,999 kW	kW	3.395500	0.000000	3.395500
Unmetered Scattered Load	kWh	0.014400	0.000000	0.014400
Sentinel Lighting	kW	8.525300	0.000000	8.525300
Street Lighting	kW	3.715100	0.000000	3.715100

















nstructions

No input required

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

### **Service Charge**

ClassMetricCurrent RatesCurrent Base RatesStandby Power - APPROVED ON AN INTERIM BASISCustomer - 12 per year0.0000000.000000

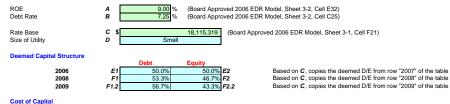
### **Distribution Volumetric Rate**

Class	<u>Metric</u>	Current Rates	Current Base Rates
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per year	1.009000	1.009000

### **Capital Structure Transition**

ze 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



#### = $(E1 \times B) + (E2 \times A)$ = $(F1 \times B) + (F2 \times A)$ = $(F1.2 \times B) + (F2.2 \times A)$ 2006 2008 2009

Weighted Average Cost of capital

### 1,471,869.67 = **C** X **G** / 100 1,461,408.07 = **C** X **H** / 100 1,450,629.46 = **C** X **H1** / 100 2009

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

Distr	ribution Expenses (other than PILs)	K	\$ 4,457,212	(Board Approved 2006 EDR Model, Sheet 4-1, Cell F15)
Base	e Revenue Requirement	L	\$ 6,035,152	(Board Approved 2006 EDR Model, Sheet 5-5, Cell F27)
Tran	sformer Allowance Credit	М	\$ 146,263	(Board Approved 2006 EDR Model, Sheet 6-3, Cell "Total" in Row R120)



= 1 + K	5,929,081.67	\$ N	2006
= J + K	5,918,620.07	\$ 0	2008
= J1 +	5,907,841.46	\$ 02	2009
-			

#### Target Net Income (EBIT)



# Interest Exp

oense		
2006	\$	656,680.31 P2 = C X (B X E1 / 100)
2008	\$	700,021.21 Q2 = C X (B X F1 / 100)
2009	S	744.675.48 Q2.2 = C X (B X F1.2 / 100

# PILs Tax Rate





(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D31) (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D30) (Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D33)

(Board Approved 2006 PILs Model, Sheet "Test Year PILS, Tax Provision", Cell D11) = AC + (Q1 - P1) " (R / 100) = AC + (Q1.2 - P1) " (R / 100)

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

### Base Revenue Requirement Adjustment (including PILs)

Revenue Requirement (less LCT)		(LC	T is removed as it was removed in from rates in 2007 EDR)
2006	\$ 6,474,898.29	х	= N + V + T
2008	\$ 6,457,165.95	Υ	= O + W + T
2009	\$ 6,438,896.27	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 2008 2009		\$ \$ \$	6,181,415.00 6,163,682.66 6,145,412.99	AA1	= L + M = Z + (Y - X) = Z + (Y2 - X)
Difference	2008 2009	\$ - \$ -	17,732.34 18,269.68		= <b>AA1</b> - <b>Z</b> = <b>AA1.2</b> - AA1
K-factor	2008 2009		-0.3% -0.3%		= AA2/Z $= AA2.2/AA1$



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# **2nd Generation Incentive Regulation Mechanism**

















Rate Rebalancing Adjustment

K-factor Adjustment - General

**Metric Applied To** 

All Customers

**Method of Application** 

Both Uniform%

**Uniform Service Charge Percent** 

-0.300%

**Uniform Volumetric Charge Percent** 

-0.300% kWh

-0.300% kW

### **Monthly Service Charge**

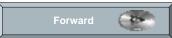
Class	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	13.310000	Yes	-0.300% -	0.039930
General Service Less Than 50 kW	Customer - 12 per year	30.730000	Yes	-0.300% -	0.092190
General Service 50 to 4,999 kW	Customer - 12 per year	337.370000	Yes	-0.300% -	1.012110
Unmetered Scattered Load	Connection -12 per year	15.360000	Yes	-0.300% -	0.046080
Sentinel Lighting	Connection - 12 per year	3.180000	Yes	-0.300% -	0.009540
Street Lighting	Connection - 12 per year	1.060000	Yes	-0.300% -	0.003180

Class	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.012800	Yes	-0.300% -	0.000038
General Service Less Than 50 kW	kWh	0.014400	Yes	-0.300% -	0.000043
General Service 50 to 4,999 kW	kW	3.395500	Yes	-0.300% -	0.010187
Unmetered Scattered Load	kWh	0.014400	Yes	-0.300% -	0.000043
Sentinel Lighting	kW	8.525300	Yes	-0.300% -	0.025576
Street Lighting	kW	3.715100	Yes	-0.300% -	0.011145



















0.000000

Instructions

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

No input required.

Rate Rebalancing Adjustment

K-factor Adjustment - Unique

**Metric Applied To** 

All Customers

**Method of Application** 

Both Uniform%

**Uniform Service Charge Percent** 

-0.300%

**Uniform Volumetric Charge Percent** 

-0.300% **kWh** 

-0.300% **kW** 

**Monthly Service Charge** 

<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per vear	0.00000	Yes	-0.300%	0.000

<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power - APPROVED ON AN INTERIM BASIS	kW	1.009000	Yes	-0.300% -	0.003027



	2006		2008	2008 Adjustment	2009	2009 Adjustment
From 2006 PIL's Model 2006 Regulatory Taxable Income (K-Factor Cell H87)	1,122,505	Α	1,122,505		1,122,505	
2006 Corporate Income Tax Rate (K-Factor Cell E79)	30.62%	В	28.00%		27.50%	
Corporate PILs/Income Tax Provision for Test Year	343,711	C = A * B	314,343		308,731	
Income Tax (grossed-up)	495,404	D = C / (1 -B)	436,610	-58,793	425,857	-10,753 <b>4—— 2009</b> Amount to be adjusted
From 2006 EDR Model 2006 EDR Base Revenue Requirement From Distribution Rates						
(K-Factor Cell E105)	6,181,415	E	6,181,415		6,181,415	
Grossed up taxes as a % of Revenue Requirement	8.000%	F = D / E	7.100%	-0.900%	6.900%	-0.200%
						<b>†</b>

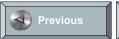


# **Ontario Energy Board**

Commission de l'énergie de l'Ontario

# **2nd Generation Incentive Regulation Mechanism**

















nstructions

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

No input required.

Rate Rebalancing Adjustment

Federal Tax Adjustment General

**Metric Applied To** 

All Customers

**Method of Application** 

Both Uniform%

-0.200%

**Uniform Service Charge Percent** 

Uniform Volumetric Charge Percent

-0.200% kWh -0.200% kW

### **Monthly Service Charge**

<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	13.310000	Yes	-0.200% -	0.026620
General Service Less Than 50 kW	Customer - 12 per year	30.730000	Yes	-0.200% -	0.061460
General Service 50 to 4,999 kW	Customer - 12 per year	337.370000	Yes	-0.200% -	0.674740
Unmetered Scattered Load	Connection -12 per year	15.360000	Yes	-0.200% -	0.030720
Sentinel Lighting	Connection - 12 per year	3.180000	Yes	-0.200% -	0.006360
Street Lighting	Connection - 12 per year	1.060000	Yes	-0.200% -	0.002120

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.012800	Yes	-0.200% -	0.000026
General Service Less Than 50 kW	kWh	0.014400	Yes	-0.200% -	0.000029
General Service 50 to 4,999 kW	kW	3.395500	Yes	-0.200% -	0.006791
Unmetered Scattered Load	kWh	0.014400	Yes	-0.200% -	0.000029
Sentinel Lighting	kW	8.525300	Yes	-0.200% -	0.017051
Street Lighting	kW	3.715100	Yes	-0.200% -	0.007430





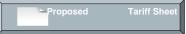
2nd Generation Incentive Regulation Mechanism















Rate Rebalancing Adjustment

Federal Tax Adjustment Unique

Metric Applied To

All Customers

**Method of Application** 

Both Uniform% -0.200%

**Uniform Service Charge Percent** 

Uniform Volumetric Charge Percent

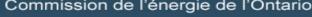
-0.200% kWh -0.200% kW

**Monthly Service Charge** 

<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power - APPROVED ON AN INTERIM BASIS	Customor - 12 per year	0.000000	Voc	-0.200%	0.000000

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Standby Power - APPROVED ON AN INTERIM BASIS	kW	1.009000	Yes	-0.200% -	0.002018





# **2nd Generation Incentive Regulation Mechanism**















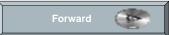
### **Monthly Service Charge**

<u>Class</u>		<u>Metric</u>	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
		<del></del>		<u>General</u>	<u>General</u>	
	Residential	Customer - 12 per year	13.310000	-0.039930	-0.026620	13.243450
	General Service Less Than 50 kW	Customer - 12 per year	30.730000	-0.092190	-0.061460	30.576350
	General Service 50 to 4,999 kW	Customer - 12 per year	337.370000	-1.012110	-0.674740	335.683150
	Unmetered Scattered Load	Connection -12 per year	15.360000	-0.046080	-0.030720	15.283200
	Sentinel Lighting	Connection - 12 per year	3.180000	-0.009540	-0.006360	3.164100
	Street Lighting	Connection - 12 per year	1.060000	-0.003180	-0.002120	1.054700

Class	Metric	Base Rate	K-factor Adjustment - General	Federal Tax Adjustment General	Rate ReBal Base
Residential	kWh	0.012800	-0.000038	-0.000026	0.012736
General Service Less Than 50 kW	kWh	0.014400	-0.000043	-0.000029	0.014328
General Service 50 to 4,999 kW	kW	3.395500	-0.010187	-0.006791	3.378522
Unmetered Scattered Load	kWh	0.014400	-0.000043	-0.000029	0.014328
Sentinel Lighting	kW	8.525300	-0.025576	-0.017051	8.482673
Street Lighting	kW	3.715100	-0.011145	-0.007430	3.696525

















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**

Class	Metric	Base Rate	K-factor Adjustment -	Federal Tax Adjustment	Rate ReBal Base
Class	Wetric	Dase Nate	<u>Unique</u>	<u>Unique</u>	Nate Repai base
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per year	0.000000	0.000000	0.000000	0.000000

Class	<u>Metric</u>	Base Rate	K-factor Adjustment - Unique	Federal Tax Adjustment Unique	Rate ReBal Base
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per year	1.009000	-0.003027	-0.002018	1.003955



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%

# **Ontario Energy Board**

Commission de l'énergie de l'Ontario

# **2nd Generation Incentive Regulation Mechanism**

















Instructions

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

No input required.

**Price Cap Adjustment** 

Price Cap Adjustment - General

**Metric Applied To** 

All Customers

**Method of Application** 

Both Uniform%

**Uniform Service Charge Percent** 

1.100%

**Uniform Volumetric Charge Percent** 

1.100% **kWh** 1.100% **kW** 

## **Monthly Service Charge**

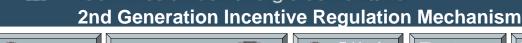
<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	13.243450	Yes	1.100%	0.145678
General Service Less Than 50 kW	Customer - 12 per year	30.576350	Yes	1.100%	0.336340
General Service 50 to 4,999 kW	Customer - 12 per year	335.683150	Yes	1.100%	3.692515
Unmetered Scattered Load	Connection -12 per year	15.283200	Yes	1.100%	0.168115
Sentinel Lighting	Connection - 12 per year	3.164100	Yes	1.100%	0.034805
Street Lighting	Connection - 12 per year	1.054700	Yes	1.100%	0.011602

<u>Class</u>	<u>Metric</u>	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.012736	Yes	1.100%	0.000140
General Service Less Than 50 kW	kWh	0.014328	Yes	1.100%	0.000158
General Service 50 to 4,999 kW	kW	3.378522	Yes	1.100%	0.037164
Unmetered Scattered Load	kWh	0.014328	Yes	1.100%	0.000158
Sentinel Lighting	kW	8.482673	Yes	1.100%	0.093309
Street Lighting	kW	3.696525	Yes	1.100%	0.040662

# **Ontario Energy Board**

Commission de l'énergie de l'Ontario









**Price Cap Adjustment** Price Cap Adjustment - Unique

Metric Applied To All Customers

**Method of Application** Both Uniform%

**Uniform Volumetric Charge Percent** 1.100% kWh **Uniform Service Charge Percent** 1.100% 1.100% kW

**Monthly Service Charge** 

Previous

To This Class Adj To Base **Metric Base Rate** % Adjustment Standby Power - APPROVED ON AN INTERIM BASIS Customer - 12 per year Yes 0.000000 1.100% 0.000000

Tariff She

**Volumetric Distribution Charge** 

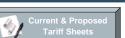
**Metric Base Rate** To This Class % Adjustment Adj To Base kW Standby Power - APPROVED ON AN INTERIM BASIS 1.003955 Yes 1.100% 0.011044



# Ontario Energy Board Commission de l'énergie de l'Ontario

# **2nd Generation Incentive Regulation Mechanism**















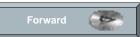
### **Monthly Service Charge**

Class	<u>Metric</u>	Base Rate	Price Cap Adjustment - General	After Price Cape Base
Residential	Customer - 12 per year	13.243450	<u>0.145678</u>	<u>13.389128</u>
General Service Less Than 50 kW	Customer - 12 per year	30.576350	<u>0.336340</u>	<u>30.912690</u>
General Service 50 to 4,999 kW	Customer - 12 per year	335.683150	<u>3.692515</u>	<u>339.375665</u>
Unmetered Scattered Load	Connection -12 per year	15.283200	0.168115	15.451315
Sentinel Lighting	Connection - 12 per year	3.164100	0.034805	3.198905
Street Lighting	Connection - 12 per year	1.054700	0.011602	1.066302

Class	Metric	Base Rate	Price Cap Adjustment - General	After Price Cape Base
Residential	kWh	0.012736	0.000140	0.012876
General Service Less Than 50 kW	kWh	0.014328	0.000158	0.014486
General Service 50 to 4,999 kW	kW	3.378522	0.037164	3.415686
Unmetered Scattered Load	kWh	0.014328	0.000158	0.014486
Sentinel Lighting	kW	8.482673	0.093309	8.575982
Street Lighting	kW	3.696525	0.040662	3.737187



















Instructions

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

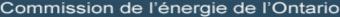
No input required

### **Monthly Service Charge**

Class	<u>Metric</u>	Base Rate	Price Cap Adjustment - Unique	After Price Cape Base
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per year	0.000000	0.000000	0.000000

Class	<u>Metric</u>	Base Rate	Price Cap Adjustment - Unique	After Price Cape Base
Standby Power - APPROVED ON AN INTERIM BASIS	Customer - 12 per year	1.003955	0.011044	1.014999





# 2nd Generation Incentive Regulation Mechanism

















Rate Adder Smart Meters Rate Adder

**Applied for Status** Continuing

**Metric Applied To** Metered Customers

Uniform Service Charge **Method of Application** 

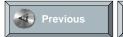
**Uniform Service Charge Amount** 1.000000

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



# **2nd Generation Incentive Regulation Mechanism**

















### **Monthly Service Charge**

Class	<u>Metric</u>	Base Rate	Smart Meters Rate Adder	Final Base
Residential	Customer - 12 per year	13.389128	1.000000	14.389128
General Service Less Than 50 kW	Customer - 12 per year	30.912690	1.000000	31.912690
General Service 50 to 4,999 kW	Customer - 12 per year	339.375665	1.000000	340.375665
Unmetered Scattered Load	Connection -12 per year	15.451315	0.000000	15.451315
Sentinel Lighting	Connection - 12 per year	3.198905	0.000000	3.198905
Street Lighting	Connection - 12 per year	1.066302	0.000000	1.066302

Class	<u>Metric</u>	Base Rate	Smart Meters Rate Adder	Final Base
Residential	kWh	0.012876	0.000000	0.012876
General Service Less Than 50 kW	kWh	0.014486	0.000000	0.014486
General Service 50 to 4,999 kW	kW	3.415686	0.000000	3.415686
Unmetered Scattered Load	kWh	0.014486	0.000000	0.014486
Sentinel Lighting	kW	8.575982	0.000000	8.575982
Street Lighting	kW	3.737187	0.000000	3.737187





Monthly Service Charge

<u>Class</u> <u>Metric</u> <u>Base Rate</u> <u>Final Base</u>

Standby Power - APPROVED ON AN INTERIM BASIS Customer - 12 per year 0.000000 0.000000

**Volumetric Distribution Charge** 

<u>Class</u> <u>Metric</u> <u>Base Rate</u> <u>Final Base</u>

Standby Power - APPROVED ON AN INTERIM BASIS Customer - 12 per year 1.014999 1.014999

# **Ontario Energy Board**



### 2nd Generation Incentive Regulation Mechanism

















Email the Board

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

Method of Application Uniform Percentage

Uniform Percentage 11.000%

Rate Class
Residential

Applied to Class
Yes

 Rate Description
 Vol Metric
 Current Amount
 % Adjustment
 \$Adjustment
 Final Amount

 Retail Transmission Rate – Network Service Rate
 \$/kWh
 0.003400
 11.000%
 0.000374
 0.003774

Rate Class Applied to Class

General Service Less Than 50 kW Yes

Rate Description Vol Metric Current Amount % Adjustment \$ Adjustment Final Amount Retail Transmission Rate – Network Service Rate \$ \( \)

Rate Class Applied to Class

General Service 50 to 4,999 kW Yes

Rate Class Applied to Class
Unmetered Scattered Load Yes

Rate Class Applied to Class
Sentinel Lighting Yes

Rate Class Applied to Class
Street Lighting Yes



Method of Application
Uniform Percentage
Uniform Percentage
11.000%
Rate Class
Applied to Class

Standby Power - APPROVED ON AN INTERIM BASIS

Yes

Rate Description Vol Metric Current Amount % Adjustment \$ Adjustment Final Amount

















Method	of	App	lication
--------	----	-----	----------

Uniform Percentage

**Uniform Percentage** 

5.000%

Rate Class	
Residential	

Rate Description

Rate Description

Rate Description

Applied to Class

Yes

Rate Description		
Retail Transmission	Rate - Line and	Transformati

Vol Metric

5.000%

tion Connection Service Rate

\$/kWh

0.003300

0.000165

Rate Class General Service Less Than 50 kW

Applied to Class Yes

Vol Metric

Current Amount % Adjustment \$ Adjustment Final Amount

Retail Transmission Rate - Line and Transformation Connection Service Rate

\$/kWh

0.003000

5.000%

0.000150

0.003150

Rate Class

General Service 50 to 4,999 kW

Applied to Class Yes

Retail Transmission Rate - Line and Transformation Connection Service Rate

Vol Metric \$/kW

Current Amount % Adjustment \$ Adjustment Final Amount 1.233800

5.000%

0.061690

1.295490

Rate Class

Applied to Class

**Unmetered Scattered Load** 

Yes

Vol Metric \$/kWh

Current Amount % Adjustment \$ Adjustment Final Amount 0.003000

5.000%

0.000150

0.003150

Rate Class

Applied to Class

**Sentinel Lighting** 

Retail Transmission Rate - Line and Transformation Connection Service Rate

Yes

Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Vol Metric \$/kW

0.939200

5.000%

Current Amount % Adjustment \$ Adjustment Final Amount 0.046960

Rate Class Street Lighting

Applied to Class Yes

Vol Metric Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kW

Current Amount % Adjustment \$ Adjustment Final Amount 0.919900

5.000% 0.045995

0.965895



Method of Application
Uniform Percentage
Uniform Percentage

Rate Class
Applied to Class

Standby Power - APPROVED ON AN INTERIM BASIS

Yes

Rate Description Vol Metric Current Amount % Adjustment \$ Adjustment Final Amount















### Rate Class

### Residential

Rate Description	Metric	Rate
Service Charge	\$	14.39
Distribution Volumetric Rate	\$/kWh	0.0129
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0035
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	\$	31.91
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032
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	\$	340.38
Distribution Volumetric Rate	\$/kW	3.4157
Retail Transmission Rate – Network Service Rate	\$/kW	1.4236
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2955
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	\$	15.45
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032
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	\$	3.20
Distribution Volumetric Rate	\$/kW	8.5760
Retail Transmission Rate – Network Service Rate	\$/kW	1.0541
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9862
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	\$	1.07
Distribution Volumetric Rate	\$/kW	3.7372
Retail Transmission Rate – Network Service Rate	\$/kW	1.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9659
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



Instructions

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

No input required.

Rate Class

### Standby Power - APPROVED ON AN INTERIM BASIS

Rate Description	Metric	Rate
Service Charge	\$	0.00
Distribution Volumetric Rate	\$/kW	1.0150
Retail Transmission Rate – Network Service Rate	\$/kW	0
Retail Transmission Rate - Line and Transformation Connection Service Ra	\$/kW	0



















Instructions

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

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

#### **LOSS FACTORS**

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

#### Current

1.0370 N/A 1.0267 N/A This worksheet provides a summary of how the monthly service and volumetric charges are calculated for each general

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Rates	13.58	0.0128
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.04	0.0000
Federal Tax Adjustment General	-0.03	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.15	0.0001
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	14.39	0.0129
	0.00	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Rates	31.00	0.0144
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.09	0.0000
Federal Tax Adjustment General	-0.06	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.34	0.0002
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	31.91	0.0145
	0.00	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$/kW
Current Rates	337.64	3.3955
Less Rate Adders		
Smart Meters Rate Adder	0.27	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-1.01	-0.0102
Federal Tax Adjustment General	-0.67	-0.0068
Price Cap Adj		
Price Cap Adjustment - General	3.69	0.0372
Smart Meters Rate Adder	1.00	0.0000
Applied For Rates	340.38	3.4157
	0.00	0.0000

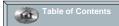
	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Rates	15.36	0.0144
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.05	0.0000
Federal Tax Adjustment General	-0.03	0.0000
Price Cap Adj		
Price Cap Adjustment - General	0.17	0.0002
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	15.45	0.0145
	0.00	0.0000

	Fixed	Volumetric
Sentinel Lighting	(\$)	\$/kW
Current Rates	3.18	8.5253
Less Rate Adders		,
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	-0.01	-0.0256
Federal Tax Adjustment General	-0.01	-0.0171
Price Cap Adj		
Price Cap Adjustment - General	0.03	0.0933
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	3.20	8.5760
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Rates	1.06	3.7151
Less Rate Adders		
Smart Meters Rate Adder	0.00	0.0000
Rate Rebalancing Adj		
K-factor Adjustment - General	0.00	-0.0111
Federal Tax Adjustment General	0.00	-0.0074
Price Cap Adj		
Price Cap Adjustment - General	0.01	0.0407
Smart Meters Rate Adder	0.00	0.0000
Applied For Rates	1.07	3.7372
	0.00	0.0000















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

	Fixed	Volumetric
Standby Power - APPROVED ON AN INTERIM BASIS	(\$)	\$/kWh
Current Rates	0.00	1.0090
Rate Rebalancing Adj		
K-factor Adjustment - Unique	0.00	-0.0030
Federal Tax Adjustment Unique	0.00	-0.0020
Price Cap Adj		
Price Cap Adjustment - Unique	0.00	0.0110
Applied For Rates	0.00	1.0150
	0.00	0.0000

















Instructions

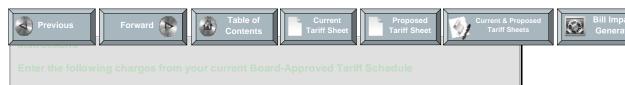
Enter the following allowances from your current Board-Approved Tariff Schedule

Allowances

Transformer Allowance for Ownership - per kW of billing demand/month

Primary Metering Allowance for transformer losses - applied to measured demand and energy

%
-1.0



Customer Administration	Metric	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	

Non-Payment of Account	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
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 Me	etric	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
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	



















Instructions

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

Retail Service Charges (if applicable) Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity	<u>Metric</u>	Current
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer Monthly Fixed Charge, per retailer Monthly Variable Charge, per customer, per retailer Distributor-consolidated billing charge, per customer, per retailer Retailer-consolidated billing credit, per customer, per retailer	\$ \$/cust. \$/cust. \$/cust.	100.00 20.00 0.50 0.30 - 0.30
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party Processing fee, per request, applied to the requesting party	\$ \$	0.25 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 More than twice a year, per request (plus incremental delivery costs)	\$	no charge 2.00
mere than three a year, per request (plus meremental asmer) esses)	<b>Y</b>	2.00

# **MONTHLY RATES AND CHARGES - General**

#### **Rate Class**

#### Residential

Rate Description	<u>Metric</u>	Rate
Service Charge	\$	13.58
Distribution Volumetric Rate	\$/kWh	0.0128
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0034
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0033
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	\$	31.00
Distribution Volumetric Rate	\$/kWh	0.0144
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0030
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Rate Class

# General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	337.64
Distribution Volumetric Rate	\$/kW	3.3955
Retail Transmission Rate – Network Service Rate	\$/kW	1.2825
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2338
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### Rate Class

# **Unmetered Scattered Load**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	15.36
Distribution Volumetric Rate	\$/kWh	0.0144
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0030
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Rate Class

# **Sentinel Lighting**

Rate Description	Metric	Rate
Service Charge (per connection)	\$	3.18
Distribution Volumetric Rate	\$/kW	8.5253
Retail Transmission Rate – Network Service Rate	\$/kW	0.9496
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9392
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)	\$	1.06
Distribution Volumetric Rate	\$/kW	3.7151
Retail Transmission Rate – Network Service Rate	\$/kW	0.9448
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9199
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# **MONTHLY RATES AND CHARGES - Unique**

Rate Class

# Standby Power - APPROVED ON AN INTERIM BASIS

Rate Description		Metric Rate	
Distribution Volumetric Rate - \$/kW of contracted amount	\$/kW	1.0090	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.0000	

# Specific Service Charges

Customer Administration	<u>Metric</u>	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account	Metric	Current

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
Collection of account charge - no disconnection - after regular hours	\$	165.00
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

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

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
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
•••		
Allowances	<u>Metric</u>	<u>Current</u>
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	-0.60
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	-1.0
Retail Service Charges (if applicable)		
Retail Service Charges (if applicable)	<u>Metric</u>	<u>Current</u>
Retail Service Charges refer to services provided by a distributor to retailers or customers related		
to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00
LOSS FACTORS		Current
Total Loss Factor - Secondary Metered Customer < 5,000 kW		1.0370
Total Loss Factor - Secondary Metered Customer > 5,000 kW		N/A
Total Loss Factor - Primary Metered Customer < 5,000 kW		1.0267
,		

N/A

# **MONTHLY RATES AND CHARGES - General**

#### **Rate Class**

#### Residential

Rate Description	Metric	Rate
Service Charge	\$	14.39
Distribution Volumetric Rate	\$/kWh	0.0129
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0035
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	\$	31.91
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032
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	\$	340.38
Distribution Volumetric Rate	\$/kW	3.4157
Retail Transmission Rate – Network Service Rate	\$/kW	1.4236
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2955
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 R	₹ate
Service Charge (per connection)	\$	15.45
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032
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)	\$	3.20
Distribution Volumetric Rate	\$/kW	8.5760
Retail Transmission Rate – Network Service Rate	\$/kW	1.0541
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9862
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	

Rate Description	Metric Ra	ate
Service Charge (per connection)	\$	1.07
Distribution Volumetric Rate	\$/kW	3.7372
Retail Transmission Rate – Network Service Rate	\$/kW	1.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9659
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# **MONTHLY RATES AND CHARGES - Unique**

Rate Class

# Standby Power - APPROVED ON AN INTERIM BASIS

Rate Description	Metric Rate	€
Distribution Volumetric Rate - \$/kW of contracted amount	\$/kW	1.0150
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0

# **Specific Service Charges**

Customer Administration	Metric	Current
Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account	Metric	Current
Late Payment - per month	%	1.5%
Late Payment - per annum	%	19.56%
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
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
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

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

Retail Service Charges (if applicable) Retail Service Charges (if applicable) Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity	<u>Metric</u>	Current
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer Monthly Fixed Charge, per retailer Monthly Variable Charge, per customer, per retailer Distributor-consolidated billing charge, per customer, per retailer Retailer-consolidated billing credit, per customer, per retailer	\$ \$/cust. \$/cust. \$/cust.	100.00 20.00 0.50 0.30 (0.30)
Service Transaction Requests (STR)  Request fee, per request, applied to the requesting party  Processing fee, per request, applied to the requesting party	\$ \$	0.25 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	·	0.00
Up to twice a year More than twice a year, per request (plus incremental delivery costs)	\$	no charge 2.00
LOSS FACTORS Total Loss Factor - Secondary Metered Customer < 5,000 kW Total Loss Factor - Secondary Metered Customer > 5,000 kW Total Loss Factor - Primary Metered Customer < 5,000 kW		Current 1.0370 N/A 1.0267
Total Loss Factor - Primary Metered Customer > 5,000 kW		N/A

Orillia Power Distribution Corporation

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Electricity Distribution Rate Application

### Residential

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	13.58	14.39
Service Charge Rate Rider(s)	\$	-	
Distribution Volumetric Rate	\$/kWh	0.0128	0.0129
Distribution Volumetric Rate Rider(s)	\$/kWh	-	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0034	0.0038
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0033	0.0035
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	1,000	kWh	- kW
RPP Tier One	600	kWh	Load Factor

Loss Factor 1.0370

	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%	29.51%
Energy Second Tier (kWh)	437	0.0650	28.41	437	0.0650	28.41	0.00	0.0%	24.95%
Sub-Total: Energy			62.01			62.01	0.00	0.0%	54.46%
Service Charge	1	13.58	13.58	1	14.39	14.39	0.81	6.0%	12.64%
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	0.0128	12.80	1,000	0.0129	12.90	0.10	0.8%	11.33%
Distribution Volumetric Rate Rider(s)	1,000	0.0000	0.00	1,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			26.38			27.29	0.91	3.4%	23.97%
Retail Transmission Rate – Network Service Rate	1,037	0.0034	3.53	1,037	0.0038	3.94	0.41	11.6%	3.46%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,037	0.0033	3.42	1,037	0.0035	3.63	0.21	6.1%	3.19%
Total: Retail Transmission			6.95			7.57	0.62	8.9%	6.65%
Sub-Total: Delivery (Distribution and Retail Transmission)			33.33			34.86	1.53	4.6%	30.61%
Wholesale Market Service Rate	1,037	0.0052	5.39	1,037	0.0052	5.39	0.00	0.0%	4.73%
Rural Rate Protection Charge	1,037	0.0010	1.04	1,037	0.0010	1.04	0.00	0.0%	0.91%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.22%
Sub-Total: Regulatory			6.68			6.68	0.00	0.0%	5.87%
Debt Retirement Charge (DRC)	1,000	0.00490	4.90	1,000	0.00490	4.90	0.00	0.0%	4.30%
Total Bill before Taxes			106.92			108.45	1.53	1.4%	95.24%
GST	106.92	5%	5.35	108.45	5%	5.42	0.07	1.3%	4.76%
_			112.27			113.87	1.60	1.4%	100.00%

**Rate Class Threshold Test** 

Residential

kWh 250 600 1,000 1,600 2,250
Loss Factor Adjusted kWh 260 623 1,037 1,660 2,334 kW
Load Factor

Energy			
	Applied For Bill \$ 14.56 \$	35.09 \$	62.00 \$102.50 \$146.31
	Current Bill \$ 14.56 \$		62.00 \$102.50 \$146.31
	\$ Impact \$ - \$		- \$ - \$ -
	% Impact 0.0%	0.0%	0.0% 0.0% 0.0%
	% of Total Bill 37.3%	48.6%	54.5% 58.1% 59.9%
Distribution			
	Applied For Bill \$ 17.62 \$	22.13 \$	27.29 \$ 35.03 \$ 43.42
	Current Bill \$ 16.78 \$		26.38 \$ 34.06 \$ 42.38
	\$ Impact \$ 0.84 \$		0.91 \$ 0.97 \$ 1.04
	% Impact 5.0%	4.1%	3.4% 2.8% 2.5%
	% of Total Bill 45.1%	30.6%	24.0% 19.9% 17.8%
Retail Transmission			
	Applied For Bill \$ 1.90 \$	4.55 \$	7.57 \$ 12.12 \$ 17.04
	Current Bill \$ 1.74 \$	4.18 \$	6.95 \$ 11.12 \$ 15.64
	\$ Impact \$ 0.16 \$	0.37 \$	0.62 \$ 1.00 \$ 1.40
	% Impact 9.2%	8.9%	8.9% 9.0% 9.0%
	% of Total Bill 4.9%	6.3%	6.6% 6.9% 7.0%
Delivery (Distribution and Retail Transmission)			
	Applied For Bill \$ 19.52 \$	26.68 \$	34.86 \$ 47.15 \$ 60.46
	Current Bill \$ 18.52 \$	25.44 \$	33.33 \$ 45.18 \$ 58.02
	\$ Impact \$ 1.00 \$	1.24 \$	1.53 \$ 1.97 \$ 2.44
	% Impact 5.4%	4.9%	4.6% 4.4% 4.2%
	% of Total Bill 50.0%	36.9%	30.6% 26.7% 24.8%
Regulatory			
	Applied For Bill \$ 1.86 \$	4.11 \$	6.68 \$ 10.54 \$ 14.72
	Current Bill \$ 1.86 \$		6.68 \$ 10.54 \$ 14.72
	\$ Impact <u>\$ - \$</u>		- \$ - \$ -
	% Impact 0.0%	0.0%	0.0% 0.0% 0.0%
	% of Total Bill 4.8%	5.7%	5.9% 6.0% 6.0%
Debt Retirement Charge			
	Applied For Bill \$ 1.23 \$		4.90 \$ 7.84 \$ 11.03
	Current Bill \$ 1.23 \$		4.90 \$ 7.84 \$ 11.03
	\$ Impact \$ - \$		- \$ - \$ -
	% Impact 0.0% % of Total Bill 3.2%	0.0%	0.0% 0.0% 0.0% 4.3% 4.4% 4.5%
	% of Total Bill 3.2%	4.1%	4.3% 4.4% 4.5%
GST	A 11 LE DIII A 100 A	0.44	5 40 <b>0</b> 0 40 <b>0</b> 44 00
	Applied For Bill \$ 1.86 \$		5.42 \$ 8.40 \$ 11.63
	Current Bill \$ 1.81 \$		5.35 \$ 8.30 \$ 11.50
	\$ Impact <u>\$ 0.05 \$</u> % Impact 2.8%	0.06 \$ 1.8%	0.07 \$ 0.10 \$ 0.13 1.3% 1.2% 1.1%
	% of Total Bill 4.8%	4.8%	4.8% 4.8% 4.8%
Total Bill			
I Otal Bill	Applied For Bill \$ 39.03 \$	72.26 \$	113.86 \$176.43 \$244.15
	Current Bill \$ 37.98 \$		112.26 \$174.36 \$241.58
	\$ Impact \$ 1.05 \$	1.30 \$	1.60 \$ 2.07 \$ 2.57
	% Impact 2.8%	1.8%	1.4% 1.2% 1.1%

### **General Service Less Than 50 kW**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	31.00	31.91
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0144	0.0145
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0030	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030	0.0032
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	10,000	kWh	•	kW
RPP Tier One	750	kWh	Load Factor	

Loss Factor 1.0370

	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%	3.90%
Energy Second Tier (kWh)	9,620	0.0650	625.30	9,620	0.0650	625.30	0.00	0.0%	58.09%
Sub-Total: Energy			667.30			667.30	0.00	0.0%	61.99%
Service Charge	1	31.00	31.00	1	31.91	31.91	0.91	2.9%	2.96%
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	0.0144	144.00	10,000	0.0145	145.00	1.00	0.7%	13.47%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			175.00			176.91	1.91	1.1%	16.44%
Retail Transmission Rate – Network Service Rate	10,370	0.0030	31.11	10,370	0.0033	34.22	3.11	10.0%	3.18%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,370	0.0030	31.11	10,370	0.0032	33.18	2.07	6.7%	3.08%
Total: Retail Transmission			62.22			67.40	5.18	8.3%	6.26%
Sub-Total: Delivery (Distribution and Retail Transmission)			237.22			244.31	7.09	3.0%	22.70%
Wholesale Market Service Rate	10,370	0.0052	53.92	10,370	0.0052	53.92	0.00	0.0%	5.01%
Rural Rate Protection Charge	10,370	0.0010	10.37	10,370	0.0010	10.37	0.00	0.0%	0.96%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.54			64.54	0.00	0.0%	6.00%
Debt Retirement Charge (DRC)	10,000	0.00490	49.00	10,000	0.00490	49.00	0.00	0.0%	4.55%
Total Bill before Taxes			1,018.06			1,025.15	7.09	0.7%	95.24%
GST	1,018.06	5%	50.90	1,025.15	5%	51.26	0.36	0.7%	4.76%
_			1,068.96			1,076.41	7.45	0.7%	100.00%

**Rate Class Threshold Test** 

General Service Less Than 50 kW

kWh 1,000 5,000 10,000 15,000 20,000 Loss Factor Adjusted kWh kW

Load Factor

Applied For Bill   S   60.65   S   330.27   S   667.30   S   1,004.32   S   1,341.35	F											
Current Bill   S	Energy	A !: IE B:	Φ 0	0.05	•	202.27	•	007.00	•	4 004 00	•	044.05
Simpact   Simp										,		
March   Marc				0.65		330.27	_	667.30	_	1,004.32	_	,341.35
Marchael				- n nº/	Ф	0.00/	Ф	- 0.00/		0.00/	Ф	0.09/
Applied For Bill   \$ 46,41   \$ 104,41   \$ 175,01   \$ 249,41   \$ 321,91												
Applied For Bill   \$ 46,41   \$ 104,41   \$ 176,91   \$ 249,41   \$ 321,91		70 OF TOTAL DIII	7	0.170		33.370		02.070		02.7 /0		03.176
Applied For Bill   \$ 46,41   \$ 104,41   \$ 176,91   \$ 249,41   \$ 321,91	Distribution											
Current Bill   \$ 4.40   \$ 103.00   \$ 175.00   \$ 247.00   \$ 319.00   \$ 1 149.00   \$ 2.41   \$	Distribution	Applied For Pill	ф л	6 /1	Ф	104.41	Ф	176.01	Ф	240 41	Ф	221.01
S   Impact   S   1.01   S   1.41   S   1.91   S   2.41   S   0.9%     W   Impact   2.2%   1.4%   1.1%   1.0%   0.9%     W   of Total Bill   35.3%   18.9%   18.4%   16.4%   15.6%   15.1%     Retail Transmission					-							
Retail Transmission												
Retail Transmission					Ψ		Ψ		_		Ψ	
Applied For Bill   S   6.74   S   33.70   S   67.40   S   101.11   S   134.81		•										
Applied For Bill   \$ 6.74   \$ 33.70   \$ 67.40   \$ 101.11   \$ 124.81		,0 0. 1 0tai 2	·	0.070		10.070				10.070		101170
Applied For Bill   \$ 6.74   \$ 33.70   \$ 67.40   \$ 101.11   \$ 124.81	Retail Transmission											
Current Bill   S 6.22   S 31.12   S 62.22   S 93.44   \$12.4.44   S 1.0.37	Notali Tranomioolon	Applied For Bill	\$	6 74	\$	33.70	\$	67.40	\$	101 11	\$	134.81
S   Impact   S   O.52   S   C.58   S   T.18   S   T.77   S   10.37												
Minpact   S.4%   S.3%		_										
March   Marc					Ψ		Ψ				Ψ	
Applied For Bill   \$ 53.15   \$ 138.11   \$ 244.31   \$ 350.52   \$ 456.72		•										
Applied For Bill   \$   \$   \$   \$   \$   \$   \$   \$   \$												
Applied For Bill   \$   \$   \$   \$   \$   \$   \$   \$   \$	Delivery (Distribution and Retail Transmission)											
Current Bill   \$ 51.62	,	Applied For Bill 9	\$ 5	3.15	\$	138.11	\$	244.31	\$	350.52	\$	456.72
S   Impact   3.0%   3.09   \$ 7.09   \$ 10.18   \$ 13.28   \$   Impact   3.0%   3												443.44
Regulatory   Applied For Bill   \$ 6.68   \$ 32.40   \$ 64.54   \$ 96.70   \$ 128.84		_										
Applied For Bill   \$ 6.68 \$ 32.40 \$ 64.54 \$ 96.70 \$ 128.84		% Impact		3.0%		3.0%		3.0%		3.0%		3.0%
Applied For Bill		% of Total Bill	4	0.4%		25.0%		22.7%		21.9%		21.5%
Applied For Bill												
Current Bil   \$ 6.68 \$ 32.40 \$ 64.54 \$ 96.70 \$ 128.84     S Impact   \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Regulatory											
Simpact   Simp		Applied For Bill	\$	6.68	\$	32.40	\$	64.54	\$	96.70	\$	128.84
Name		Current Bill \$	\$	6.68	\$	32.40	\$	64.54	\$	96.70	\$	128.84
Marketirement Charge   Applied For Bill   S 4.90   S 24.50   S 49.00   S 73.50   S 98.00		\$ Impact \$	\$	-	\$	-	\$	-	\$	-	\$	-
Applied For Bill   \$ 4.90		% Impact		0.0%		0.0%		0.0%		0.0%		0.0%
Applied For Bill		% of Total Bill		5.1%		5.9%		6.0%		6.0%		6.1%
Applied For Bill												
Current Bill \$ 4.90 \$ 24.50 \$ 49.00 \$ 73.50 \$ 98.00 \$ Impact \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Debt Retirement Charge											
Simpact   Simp												98.00
March   10.0%   0.0%		_		4.90		24.50		49.00		73.50		98.00
Mark				-	\$	<u> </u>	\$	<u>-</u>		<u> </u>	\$	
Applied For Bill												
Applied For Bill		% of Total Bill		3.7%		4.4%		4.6%		4.6%		4.6%
Applied For Bill												
Current Bill   \$ 6.19	GSI											
Simpact   Simp												
Marcal   1.3%   0.8%   0.7%												
Mof Total Bill     4.8%     4.8%     4.8%     4.8%     4.8%       Total Bill       Applied For Bill     \$ 131.65     \$ 551.54     \$ 1,076.41     \$ 1,601.29     \$ 2,126.16       Current Bill     \$ 130.04     \$ 547.35     \$ 1,068.96     \$ 1,590.60     \$ 2,112.21       \$ Impact     \$ 1.61     \$ 4.19     \$ 7.45     \$ 10.69     \$ 13.95					\$		\$		_		\$	
Total Bill  Applied For Bill												
Applied For Bill \$ 131.65 \$ 551.54 \$ 1,076.41 \$ 1,601.29 \$ 2,126.16 Current Bill \$ 130.04 \$ 547.35 \$ 1,068.96 \$ 1,590.60 \$ 2,112.21 \$ Impact \$ 1.61 \$ 4.19 \$ 7.45 \$ 10.69 \$ 13.95		% of Total Bill		4.8%		4.8%		4.8%		4.8%		4.8%
Applied For Bill \$ 131.65 \$ 551.54 \$ 1,076.41 \$ 1,601.29 \$ 2,126.16 Current Bill \$ 130.04 \$ 547.35 \$ 1,068.96 \$ 1,590.60 \$ 2,112.21 \$ Impact \$ 1.61 \$ 4.19 \$ 7.45 \$ 10.69 \$ 13.95	Total Dill											
Current Bill       \$ 130.04       \$ 547.35       \$ 1,068.96       \$ 1,590.60       \$ 2,112.21         \$ Impact       \$ 1.61       \$ 4.19       \$ 7.45       \$ 10.69       \$ 13.95	l Otal Dill	A !	Φ 4-	4 0=	Φ.	FF 1 F 1	Φ.	4.070	^	1 004 00	Φ	100.10
\$ Impact \$ 1.61 \$ 4.19 \$ 7.45 \$ 10.69 \$ 13.95								,		,		
/о шраст 1.270 0.0% 0.176 0.1% 0.1%		· · · · · ·			Φ		Ф				Φ	
		∕₀ iiiipact		1.2/0		0.0%		0.7%		0.176		U.1 /0

# General Service 50 to 4,999 kW

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	337.64	340.38
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	3.3955	3.4157
Distribution Volumetric Rate Rider(s)	\$/kW	-	-
Retail Transmission Rate – Network Service Rate	\$/kW	1.2825	1.4236
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2338	1.2955
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

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

Loss Factor 1.0370

	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%	0.06%
Energy Second Tier (kWh)	740,705	0.0650	48,145.83	740,705	0.0650	48,145.83	0.00	0.0%	63.82%
Sub-Total: Energy			48,187.83			48,187.83	0.00	0.0%	63.88%
Service Charge	1	337.64	337.64	1	340.38	340.38	2.74	0.8%	0.45%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	3.3955	8,420.84	2,480	3.4157	8,470.94	50.10	0.6%	11.23%
Distribution Volumetric Rate Rider(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			8,758.48			8,811.32	52.84	0.6%	11.68%
Retail Transmission Rate – Network Service Rate	2,480	1.2825	3,180.60	2,480	1.4236	3,530.53	349.93	####	4.68%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.2338	3,059.82	2,480	1.2955	3,212.84	153.02	5.0%	4.26%
Total: Retail Transmission			6,240.42			6,743.37	502.95	8.1%	8.94%
Sub-Total: Delivery (Distribution and Retail Transmission)			14,998.90			15,554.69	555.79	3.7%	20.62%
Wholesale Market Service Rate	741,455	0.0052	3,855.57	741,455	0.0052	3,855.57	0.00	0.0%	5.11%
Rural Rate Protection Charge	741,455	0.0010	741.46	741,455	0.0010	741.46	0.00	0.0%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			4,597.28			4,597.28	0.00	0.0%	6.09%
Debt Retirement Charge (DRC)	715,000	0.00490	3,503.50	715,000	0.00490	3,503.50	0.00	0.0%	4.64%
Total Bill before Taxes			71,287.51			71,843.30	555.79	0.8%	95.24%
GST	71,287.51	5%	3,564.38	71,843.30	5%	3,592.17	27.79	0.8%	4.76%
			74,851.89		-	75,435.47	583.58	0.8%	100.00%

### **Rate Class Threshold Test**

General Service 50 to 4,999 kW

kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh	20,740	528,870	1,031,815	1,556,537	2,080,222
kW	50	1,270	2,480	3,740	5,000
Load Factor	0.55	0.55	0.55	0.55	0.55

Energy	,
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Energy									
	Applied For Bill \$		\$	34,369.80	-		\$ 101,168.15		
	Current Bill \$	1,341.35	\$	34,369.80	\$	67,061.22	\$ 101,168.15	_	135,207.68
	\$ Impact _\$	•	\$	-	\$	-	\$ -	\$	-
	% Impact	0.0%		0.0%		0.0%	0.0%		0.0%
	% of Total Bill	57.7%		67.8%		68.0%	68.1%		68.2%
Distribution									
Distribution					_				
	Applied For Bill \$	511.16	\$	4,678.32		8,811.32	\$ 13,115.10		17,418.88
	Current Bill \$	507.41	\$	4,649.92	\$	8,758.48	\$ 13,036.81		17,315.14
	\$ Impact _\$	3.75 0.7%	\$	28.40	\$	52.84 0.6%	\$ 78.29 0.6%	\$	103.74
	% Impact % of Total Bill	22.0%		0.6% 9.2%		0.6% 8.9%	0.6% 8.8%		0.6% 8.8%
	% OF FOLAT DITE	22.0%		9.2%		0.9%	0.0%		0.0%
Retail Transmission									
Notali Transmission	Applied For Bill \$	135.96	\$	3,453.26	\$	6,743.37	\$ 10,169.43	\$	13,595.50
	Current Bill \$	125.82	\$	3,195.71	\$	6,240.42	\$ 9,410.96	\$	12,581.50
	\$ Impact \$	10.14	\$	257.55	\$	502.95	\$ 758.47	\$	1.014.00
	% Impact	8.1%		8.1%	Ψ	8.1%	8.1%		8.1%
	% of Total Bill	5.8%		6.8%		6.8%	6.8%		6.9%
Delivery (Distribution and Retail Transmission)									
	Applied For Bill \$	647.12	\$	8,131.58	\$	15,554.69	\$ 23,284.53	\$	31,014.38
	Current Bill \$	633.23	\$	7,845.63	\$	14,998.90	\$ 22,447.77	\$	29,896.64
	\$ Impact _\$	13.89	\$	285.95	\$	555.79	\$ 836.76	\$	1,117.74
	% Impact	2.2%		3.6%		3.7%	3.7%		3.7%
	% of Total Bill	27.8%		16.0%		15.8%	15.7%		15.6%
Regulatory									
	Applied For Bill \$	128.84	\$	3,279.24		6,397.51	\$ 9,650.78	\$	12,897.62
	Current Bill \$	128.84	\$	3,279.24	_	6,397.51	\$ 9,650.78		12,897.62
	\$ Impact _\$	-	\$		\$	<u> </u>	\$ -	\$	
	% Impact	0.0%		0.0%		0.0%	0.0%		0.0%
	% of Total Bill	5.5%		6.5%		6.5%	6.5%		6.5%
Dobt Detiroment Charge									
Debt Retirement Charge	A	00.00	•	0.400.00	•	4.075.50	<b>A</b> 7.054.00	•	0.000.40
	Applied For Bill \$	98.00	\$	2,499.00		4,875.50	\$ 7,354.90	\$	9,829.40
	Current Bill \$ \$ Impact \$	98.00	\$	2,499.00	\$	4,875.50	\$ 7,354.90 \$ -	\$	9,829.40
	% Impact	0.0%	φ	0.0%	φ	0.0%	0.0%		0.0%
	% of Total Bill	4.2%		4.9%		4.9%	5.0%		5.0%
	70 01 10tal Bill	1.270		1.070		1.070	0.070		0.070
GST									
	Applied For Bill \$	110.77	\$	2,413.98	\$	4,694.45	\$ 7,072.92	\$	9,447.45
	Current Bill \$	110.77	\$	2,399.68	\$	4,666.66	\$ 7,031.08	\$	9,391.57
	\$ Impact \$	0.70	\$	14.30	\$	27.79	\$ 41.84	\$	55.88
	% Impact	0.6%		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 \$	2,326.08	\$	50,693.60	\$	98,583.37	\$ 148,531.28	\$	198,396.53
	Current Bill \$		\$	50,393.35	\$	97,999.79	\$ 147,652.68		197,222.91
	\$ Impact \$	14.59	\$	300.25	\$	583.58	\$ 878.60	\$	1,173.62
	% Impact	0.6%		0.6%		0.6%	0.6%		0.6%

### **Unmetered Scattered Load**

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	15.36	15.45
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0144	0.0145
Distribution Volumetric Rate Rider(s)	\$/kWh	-	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0030	0.0033
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0030	0.0032
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

Consumption	10,000	kWh	0	kW
RPP Tier One	750	kWh	Load Factor	

Loss Factor 1.0370

	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%	3.97%
Energy Second Tier (kWh)	9,620	0.0650	625.30	9,620	0.0650	625.30	0.00	0.0%	59.04%
Sub-Total: Energy			667.30			667.30	0.00	0.0%	63.01%
Service Charge	1	15.36	15.36	1	15.45	15.45	0.09	0.6%	1.46%
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	0.0144	144.00	10,000	0.0145	145.00	1.00	0.7%	13.69%
Distribution Volumetric Rate Rider(s)	10,000	0.0000	0.00	10,000	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			159.36			160.45	1.09	0.7%	15.15%
Retail Transmission Rate – Network Service Rate	10,370	0.0030	31.11	10,370	0.0033	34.22	3.11	10.0%	3.23%
Retail Transmission Rate – Line and Transformation Connection Service Rate	10,370	0.0030	31.11	10,370	0.0032	33.18	2.07	6.7%	3.13%
Total: Retail Transmission			62.22			67.40	5.18	8.3%	6.36%
Sub-Total: Delivery (Distribution and Retail Transmission)			221.58			227.85	6.27	2.8%	21.51%
Wholesale Market Service Rate	10,370	0.0052	53.92	10,370	0.0052	53.92	0.00	0.0%	5.09%
Rural Rate Protection Charge	10,370	0.0010	10.37	10,370	0.0010	10.37	0.00	0.0%	0.98%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.02%
Sub-Total: Regulatory			64.54			64.54	0.00	0.0%	6.09%
Debt Retirement Charge (DRC)	10,000	0.00490	49.00	10,000	0.00490	49.00	0.00	0.0%	4.63%
Total Bill before Taxes			1,002.42			1,008.69	6.27	0.6%	95.24%
GST	1,002.42	5%	50.12	1,008.69	5%	50.43	0.31	0.6%	4.76%
			1,052.54			1,059.12	6.58	0.6%	100.00%

**Rate Class Threshold Test** 

**Unmetered Scattered Load** 

kWh 500 5,000 10,000 15,000 20,000 Loss Factor Adjusted kWh kW

Load Factor

Energy									
Lifergy	Applied For Bill \$	29.06	\$	330.27	\$	667.30	\$ 1,004.3	2 \$	1,341.35
	Current Bill \$		\$	330.27	\$	667.30	\$ 1,004.3		1,341.35
	\$ Impact \$		\$	-	\$	-	\$ -	\$	-
	% Impact	0.0%		0.0%		0.0%	0.0	%	0.0%
	% of Total Bill	45.3%		61.8%		63.0%	63.4	%	63.6%
Distribution									
Distribution	Applied For Bill \$	22.70	<b>c</b>	87.95	¢	160.45	\$ 232.9	5 \$	305.45
	Current Bill \$	22.70	\$	87.36	\$	159.36	\$ 231.3		303.36
	\$ Impact \$	0.14	\$	0.59	\$	1.09	\$ 231.3		2.09
	% Impact	0.14	Ψ	0.7%	Ψ	0.7%	ψ 1.3. 0.7 <sup>t</sup>		0.7%
	% of Total Bill	35.4%		16.5%		15.1%	14.7		14.5%
Retail Transmission					_				
	Applied For Bill \$	3.37		33.70		67.40	\$ 101.1		134.81
	Current Bill \$	3.12	\$	31.12	\$	62.22	\$ 93.3		124.44
	\$ Impact _\$	0.25	\$	2.58	\$	5.18	\$ 7.7		10.37
	% Impact	8.0%		8.3%		8.3%	8.3		8.3%
	% of Total Bill	5.3%		6.3%		6.4%	6.4	%	6.4%
Delivery (Distribution and Retail Transmission)									
	Applied For Bill \$	26.07	\$	121.65	\$	227.85	\$ 334.0	6 \$	440.26
	Current Bill \$	25.68	\$	118.48	\$	221.58	\$ 324.7	) \$	427.80
	\$ Impact \$	0.39	\$	3.17	\$	6.27	\$ 9.30	<b>6</b> \$	12.46
	% Impact	1.5%		2.7%		2.8%	2.9	%	2.9%
	% of Total Bill	40.7%		22.8%		21.5%	21.1	%	20.9%
Regulatory									
Regulatory	Applied For Bill \$	3.47	\$	32.40	\$	64.54	\$ 96.7	) \$	128.84
	Current Bill \$	3.47	\$	32.40	\$	64.54	\$ 96.7		128.84
	\$ Impact \$	- 3.41	\$	32.40	\$	04.54	\$ 90.7	\$	120.04
	% Impact	0.0%	Ψ	0.0%	Ψ	0.0%	0.0		0.0%
	% of Total Bill	5.4%		6.1%		6.1%	6.1		6.1%
Debt Retirement Charge									
	Applied For Bill \$		\$	24.50	\$	49.00	\$ 73.5		98.00
	Current Bill \$		\$	24.50	\$	49.00	\$ 73.5		98.00
	\$ Impact _\$	-	\$	-	\$	-	\$ -	\$	- 0.00/
	% Impact % of Total Bill	0.0% 3.8%		0.0% 4.6%		0.0% 4.6%	0.0° 4.6°		0.0%
	% OF TOTAL BIII	3.8%		4.6%		4.6%	4.6	%	4.6%
GST									
	Applied For Bill \$	3.05	\$	25.44	\$	50.43	\$ 75.4	3 \$	100.42
	Current Bill \$		\$	25.28	\$	50.12	\$ 74.9		99.80
	\$ Impact \$	0.02	\$	0.16	\$	0.31	\$ 0.4		0.62
	% 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									
I Ulai Dili	Applied For Bill \$	64.10	\$	534.26	\$	1,059.12	\$ 1,584.0	1 ¢	2,108.87
	Current Bill \$		\$	534.26	\$	1,059.12	\$ 1,584.0		2,108.87 2,095.79
	\$ Impact \$	0.41	\$	3.33	\$	6.58	\$ 9.8		13.08
	% Impact	0.6%	Ψ	0.6%	Ψ	0.6%	ψ 9.6°		0.6%
	, opaot	0.070		3.370		2.070	3.0		0.070

Orillia Power Distribution Corporation Electricity Distribution Rate Application

# **Sentinel Lighting**

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	3.18	3.20
Service Charge Rate Rider(s)	\$	-	
Distribution Volumetric Rate	\$/kW	8.5253	8.5760
Distribution Volumetric Rate Rider(s)	\$/kW	-	
Retail Transmission Rate – Network Service Rate	\$/kW	0.9496	1.0541
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9392	0.9862
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

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

Loss Factor 1.0370

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	187	0.0560	10.47	187	0.0560	10.47	0.00	0.0%	37.51%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.47			10.47	0.00	0.0%	37.51%
Service Charge	1	3.18	3.18	1	3.20	3.20	0.02	0.6%	11.47%
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	8.5253	8.53	1	8.5760	8.58	0.05	0.6%	30.74%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			11.71			11.78	0.07	0.6%	42.21%
Retail Transmission Rate – Network Service Rate	1	0.9496	0.95	1	1.0541	1.05	0.10	10.5%	3.76%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	0.9392	0.94	1	0.9862	0.99	0.05	5.3%	3.55%
Total: Retail Transmission			1.89			2.04	0.15	7.9%	7.31%
Sub-Total: Delivery (Distribution and Retail Transmission)			13.60			13.82	0.22	1.6%	49.52%
Wholesale Market Service Rate	187	0.0052	0.97	187	0.0052	0.97	0.00	0.0%	3.48%
Rural Rate Protection Charge	187	0.0010	0.19	187	0.0010	0.19	0.00	0.0%	0.68%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.90%
Sub-Total: Regulatory			1.41			1.41	0.00	0.0%	5.05%
Debt Retirement Charge (DRC)	180	0.00490	0.88	180	0.00490	0.88	0.00	0.0%	3.15%
Total Bill before Taxes			26.36			26.58	0.22	0.8%	95.23%
GST	26.36	5%	1.32	26.58	5%	1.33	0.01	0.8%	4.77%
			27.68			27.91	0.23	0.8%	100.00%

Rate Class Threshold Test Sentinel Lighting

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	73	135	187	280	374
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	0.48	0.51	0.49	0.49	0.49

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Energy	A 11 LE DIII A 100 A	7.50	40.47	45.00 0.004
	Applied For Bill \$ 4.09 \$	7.56 \$	10.47 \$	15.68 \$ 20.94
	Current Bill \$ 4.09 \$ \$ Impact \$ - \$	7.56 \$ - \$	10.47 \$	15.68 \$ 20.94
	% Impact <u>\$ - \$</u>	0.0%	- p	0.0% 0.0%
	% of Total Bill 20.6%	31.1%	37.5%	45.5% 51.0%
	70 01 10tal Biii 20.070	01.170	01.070	10.070 01.070
Distribution				
Diotribution	Applied For Bill \$ 11.78 \$	11.78 \$	11.78 \$	11.78 \$ 11.78
	Current Bill \$ 11.71 \$	11.71 \$	11.71 \$	11.71 \$ 11.71
	\$ Impact \$ 0.07 \$	0.07 \$	0.07 \$	0.07 \$ 0.07
	% Impact 0.6%	0.6%	0.6%	0.6% 0.6%
	% of Total Bill 59.2%	48.5%	42.2%	34.2% 28.7%
Retail Transmission				
	Applied For Bill \$ 2.04 \$	2.04 \$	2.04 \$	2.04 \$ 2.04
	Current Bill \$ 1.89 \$	1.89 \$	1.89 \$	1.89 \$ 1.89
	\$ Impact \$ 0.15 \$	0.15 \$	0.15 \$	0.15 \$ 0.15
	% Impact 7.9%	7.9%	7.9%	7.9% 7.9%
	% of Total Bill 10.3%	8.4%	7.3%	5.9% 5.0%
Delivery (Distribution and Retail Transmission)				
	Applied For Bill \$ 13.82 \$	13.82 \$	13.82 \$	13.82 \$ 13.82
	Current Bill \$ 13.60 \$	13.60 \$	13.60 \$	13.60 \$ 13.60
	\$ Impact \$ 0.22 \$	0.22 \$	0.22 \$	0.22 \$ 0.22
	% Impact 1.6%	1.6%	1.6%	1.6% 1.6%
	% of Total Bill 69.4%	56.9%	49.5%	40.1% 33.7%
Bandatana				
Regulatory				
	Applied For Bill \$ 0.70 \$	1.09 \$	1.41 \$	1.99 \$ 2.56
	Current Bill \$ 0.70 \$	1.09 \$	1.41 \$	1.99 \$ 2.56
	\$ Impact <u>\$ - \$</u> % Impact 0.0%	- \$ 0.0%	- \$ 0.0%	- \$ - 0.0% 0.0%
	% of Total Bill 3.5%	4.5%	5.1%	5.8% 6.2%
	/8 OF FORM BIII 3.5 /8	4.5 /0	5.176	5.6% 0.2%
Debt Retirement Charge				
Debt Nethement Charge	Applied For Bill \$ 0.34 \$	0.64 \$	0.88 \$	1.32 \$ 1.76
	Current Bill \$ 0.34 \$	0.64 \$	0.88 \$	1.32 \$ 1.76
	\$ Impact \$ - \$	- \$	- \$	- \$ -
	% Impact 0.0%	0.0%	0.0%	0.0% 0.0%
	% of Total Bill 1.7%	2.6%	3.2%	3.8% 4.3%
GST				
	Applied For Bill \$ 0.95 \$	1.16 \$	1.33 \$	1.64 \$ 1.95
	Current Bill \$ 0.94 \$	1.14 \$	1.32 \$	1.63 \$ 1.94
	\$ Impact \$ 0.01 \$	0.02 \$	0.01 \$	0.01 \$ 0.01
	% Impact 1.1%	1.8%	0.8%	0.6% 0.5%
	% of Total Bill 4.8%	4.8%	4.8%	4.8% 4.8%
Total Bill				
	Applied For Bill \$ 19.90 \$	24.27 \$	27.91 \$	34.45 \$ 41.03
	Current Bill \$ 19.67 \$	24.03 \$	27.68 \$	34.22 \$ 40.80
	\$ Impact \$ 0.23 \$	0.24 \$	0.23 \$	0.23 \$ 0.23
	% Impact 1.2%	1.0%	0.8%	0.7% 0.6%

Orillia Power Distribution Corporation

Electricity Distribution Rate Application

# **Street Lighting**

Monthly Rates and Charges	Metric	<b>Current Rate</b>	Applied For Rate
Service Charge	\$	1.06	1.07
Service Charge Rate Rider(s)	\$	-	
Distribution Volumetric Rate	\$/kW	3.7151	3.7372
Distribution Volumetric Rate Rider(s)	\$/kW	-	
Retail Transmission Rate – Network Service Rate	\$/kW	0.9448	1.0487
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9199	0.9659
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010	0.0010
Standard Supply Service – Administration Charge (if applicable)	\$	0.25	0.25

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

Loss Factor 1.0370

	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	187	0.0560	10.47	187	0.0560	10.47	0.00	0.0%	50.90%
Energy Second Tier (kWh)	0	0.0650	0.00	0	0.0650	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			10.47			10.47	0.00	0.0%	50.90%
Service Charge	1	1.06	1.06	1	1.07	1.07	0.01	0.9%	5.20%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	1	3.7151	3.72	1	3.7372	3.74	0.02	0.5%	18.18%
Distribution Volumetric Rate Rider(s)	1	0.0000	0.00	1	0.0000	0.00	0.00	0.0%	0.00%
Total: Distribution			4.78			4.81	0.03	0.6%	23.38%
Retail Transmission Rate – Network Service Rate	1	0.9448	0.94	1	1.0487	1.05	0.11	11.7%	5.10%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1	0.9199	0.92	1	0.9659	0.97	0.05	5.4%	4.72%
Total: Retail Transmission			1.86			2.02	0.16	8.6%	9.82%
Sub-Total: Delivery (Distribution and Retail Transmission)			6.64			6.83	0.19	2.9%	33.20%
Wholesale Market Service Rate	187	0.0052	0.97	187	0.0052	0.97	0.00	0.0%	4.72%
Rural Rate Protection Charge	187	0.0010	0.19	187	0.0010	0.19	0.00	0.0%	0.92%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	1.22%
Sub-Total: Regulatory			1.41			1.41	0.00	0.0%	6.85%
Debt Retirement Charge (DRC)	180	0.00490	0.88	180	0.00490	0.88	0.00	0.0%	4.28%
Total Bill before Taxes			19.40			19.59	0.19	1.0%	95.24%
GST	19.40	5%	0.97	19.59	5%	0.98	0.01	1.0%	4.76%
		-	20.37			20.57	0.20	1.0%	100.00%

# **Rate Class Threshold Test**

**Street Lighting** 

kWh	70	130	180	270	360
Loss Factor Adjusted kWh	73	135	187	280	374
kW	0.20	0.35	0.50	0.75	1.00
Load Factor	0.48	0.51	0.49	0.49	0.49

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Energy	A 11 LE DIII & 100 A	7.50	40.47
	Applied For Bill \$ 4.09 \$	7.56 \$	10.47 \$ 15.68 \$ 20.94
	Current Bill \$ 4.09 \$ \$ Impact \$ - \$	7.56 \$ - \$	10.47 \$ 15.68 \$ 20.94
	% Impact	0.0%	0.0% 0.0% 0.0%
	% of Total Bill 32.6%	44.7%	50.9% 57.8% 62.2%
	70 01 1 0tai Biii 02.070	11.170	00.070 01.070 02.270
Distribution			
Diotribution	Applied For Bill \$ 4.81 \$	4.81 \$	4.81 \$ 4.81 \$ 4.81
	Current Bill \$ 4.78 \$	4.78 \$	4.78 \$ 4.78 \$ 4.78
	\$ Impact \$ 0.03 \$	0.03 \$	0.03 \$ 0.03 \$ 0.03
	% Impact 0.6%	0.6%	0.6% 0.6% 0.6%
	% of Total Bill 38.3%	28.4%	23.4% 17.7% 14.3%
Retail Transmission			
	Applied For Bill \$ 2.02 \$	2.02 \$	2.02 \$ 2.02 \$ 2.02
	Current Bill \$ 1.86 \$	1.86 \$	1.86 \$ 1.86 \$ 1.86
	\$ Impact \$ 0.16 \$	0.16 \$	0.16 \$ 0.16 \$ 0.16
	% Impact 8.6%	8.6%	8.6% 8.6% 8.6%
	% of Total Bill 16.1%	11.9%	9.8% 7.5% 6.0%
Delivery (Distribution and Retail Transmission)			
	Applied For Bill \$ 6.83 \$	6.83 \$	6.83 \$ 6.83 \$ 6.83
	Current Bill \$ 6.64 \$	6.64 \$	6.64 \$ 6.64 \$ 6.64
	\$ Impact \$ 0.19 \$	0.19 \$ 2.9%	0.19 \$ 0.19 \$ 0.19 2.9% 2.9% 2.9%
	% Impact 2.9% % of Total Bill 54.4%	2.9% 40.3%	2.9% 2.9% 2.9% 33.2% 25.2% 20.3%
	% 01 10tai Biii 54.4%	40.3%	33.2% 25.2% 20.3%
Regulatory			
Regulatory	Applied For Bill \$ 0.70 \$	1.09 \$	1.41 \$ 1.99 \$ 2.56
	Applied For Bill \$ 0.70 \$ Current Bill \$ 0.70 \$	1.09 \$	1.41 \$ 1.99 \$ 2.56
	\$ Impact \$ - \$	- \$	- \$ - \$ -
	% Impact 0.0%	0.0%	0.0% 0.0% 0.0%
	% of Total Bill 5.6%	6.4%	6.9% 7.3% 7.6%
Debt Retirement Charge			
	Applied For Bill \$ 0.34 \$	0.64 \$	0.88 \$ 1.32 \$ 1.76
	Current Bill \$ 0.34 \$	0.64 \$	0.88 \$ 1.32 \$ 1.76
	\$ Impact \$ - \$	- \$	- \$ - \$ -
	% Impact 0.0%	0.0%	0.0% 0.0% 0.0%
	% of Total Bill 2.7%	3.8%	4.3% 4.9% 5.2%
GST			
	Applied For Bill \$ 0.60 \$	0.81 \$	0.98 \$ 1.29 \$ 1.60
	Current Bill \$ 0.59 \$	0.80 \$	0.97 \$ 1.28 \$ 1.60
	\$ Impact <u>\$ 0.01 \$</u>	0.01 \$	0.01 \$ 0.01 \$ -
	% Impact 1.7%	1.3%	1.0% 0.8% 0.0%
	% of Total Bill 4.8%	4.8%	4.8% 4.8% 4.7%
T-(-1 D'II			
Total Bill			
	Applied For Bill \$ 12.56 \$	16.93 \$	20.57 \$ 27.11 \$ 33.69
	Current Bill \$ 12.36 \$	16.73 \$	20.37 \$ 26.91 \$ 33.50
	\$ Impact \$ 0.20 \$	0.20 \$	0.20 \$ 0.20 \$ 0.19
	% Impact 1.6%	1.2%	1.0% 0.7% 0.6%