



Energizing Our Community

Telephone: (705) 326-7315  
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October 30, 2007

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 Kirsten:

**Re: Orillia Power Distribution Corporation  
Application for 2008 Distribution Rates**

Orillia Power Distribution Corporation ("OPDC") is pleased to submit to the Ontario Energy Board ("OEB") its 2008 distribution rate application, in compliance with the OEB letter dated September 28, 2007 that directs the company to file its distribution rate application by November 1, 2007. The September 28<sup>th</sup> letter was accompanied by the OEB's filing requirements for 2008 incentive regulation mechanism ("IRM") rate adjustments and the 2008 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 2008 IRM Model is attached and this letter will constitute a brief Manager's Summary for OPDC's 2008 rate application. Information that is provided in the IRM Model will not be repeated in this letter.

.../2



OPDC's 2008 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](http://www.errr.oeb.gov.on.ca), consisting of one electronic copy of the application in searchable / unrestricted PDF format;
- b) one electronic copy in Microsoft Excel format of the completed 2008 IRM model e-mailed to you;
- c) two paper copies of the Manager's Summary and the 2008 IRM Model (note the date of paper copy application is the date of receipt by the Board); and
- d) with (c) above, on a CD, an electronic copy of the PDF document e-mailed to the Board (item (a)) and a completed copy of the Microsoft Excel 2008 IRM Model (item (b)) in the prescribed naming format.

### **Price Cap Adjustment**

Under the 2nd Generation IRM plan OPDC's distribution rates for 2008 have been adjusted for three factors: a price escalator, an X-factor and a K-factor. The OEB has determined that GDP-IPI – for final domestic demand is to be used as the price escalator for the 2nd Generation IRM. For 2008, the OEB expects OPDC to use, as a proxy, the current value of 1.9% in its applications. The IRM Model includes this proxy as a reasonable estimate of the index result. OPDC understands that when the final 2007 data are published by Statistics Canada in late February 2008, the OEB will adjust the inflation index in OPDC's rate application model, to ensure this final published number is used to adjust rates.

The OEB 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 the case of OPDC, the capital structure transition from the current 50% equity and 50% debt will take three years beginning with the 2008 rate adjustments. In 2008, it is assumed OPDC deemed capital structure will move from 50% equity and 50% debt to 46.7% equity and 53.3% debt. An adjustment factor of -0.3% is applied to the 2007 rates to address the change in deemed capital structure. This adjustment factor has been termed the K-factor.

The IRM Model applied the price cap adjustment of 0.6% (i.e. 1.9% price escalator, -1.0% X-factor and -0.3% K-factor) to the 2007 fixed and variable distribution rates net of the smart meter funding increment to arrive at 2008 distribution rates. OPDC understands the price cap will not apply to Specific Service Charges.

### **Regulatory Asset Recovery**

OPDC had an approved regulatory asset recovery in the current distribution rates. OPDC understands the IRM Model has removed the regulatory asset rate riders to reflect the end of the regulatory asset recovery period.

### **The Smart Meter Adder**

Smart Meter Funding is currently included in the Monthly Service Charge in accordance with the OEB's Decision RP-2005-0020/EB-2005-0529 and as approved in the OEB's Decision and Rate Order that supports OPDC's current rates. The current rate adder has been removed and then re-incorporated into the 2008 rate.

### **Elimination of General Service 50 to 4,999 kW (formerly Time of Use) Class**

With the approval of OPDC's 2006 charges, the rates for the General Service 50 to 4999 kW Class and General Service 50 to 4,999 kW (formerly Time of Use) Class were harmonized, except for the Regulatory Asset Recovery Rider. In this application OPDC is proposing to eliminate the regulatory assets recovery riders for all classes since the recovery period for regulatory assets has ended. This in turn means that all rates for the General Service 50 to 4999 kW Class and General Service 50 to 4,999 kW (formerly Time of Use) Class will be the same once the 2008 rates are approved. In this regard, OPDC is proposing that General Service 50 to 4,999 kW (formerly Time of Use) Class be eliminated and all customers in the General Service 50 to 4,999 kW (formerly Time of Use) Class be classified as General Service 50 to 4999 kW.

### **Retail Transmission Rates**

In a letter from the Board on October 29, 2007, the Board directed each distributor to propose an adjustment to their retail transmission rates and disposition of the associated variance account balances in its 2008 Cost of Service or Incentive Rate Mechanism application, as applicable, to reflect the expected decreases in wholesale transmission rates.


At this time, OPDC does not propose to adjust its retail transmission rates but proposes to gather actual costing data when the new wholesale transmission rates are in place and then adjust the OPDC retail transmission at the time a Cost of Service rate application is prepared and submitted. In OPDC's view and based on past experience, it is better to adjust retail transmission rates after actual costing data has been collected. In addition, it is also OPDC's view that the disposition of deferral and variance accounts should be handled at the time a Cost of Service application is submitted since all deferral and variance accounts can be addressed as group and not on an individual basis.

### **Conclusion**

The proposed 2008 distribution rates for OPDC are shown in Sheet 10, 2008 Tariff Schedule of the IRM Model and the resulting bill impacts are shown in sheets 12 and 13. The bill impact for a residential customer in Orillia, with a monthly electricity consumption of 750 kWh, will decrease by 0.9% or \$0.79 per month after GST. The same customer using 1000 kWh per month will see a decrease of 1.0% or \$1.08 per month after GST. This decrease mainly results from the elimination of the regulatory assets adder.

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

Yours truly,



TREASURER  
FOR J.F. MATTINSON

John F. Mattinson P. Eng.  
President & Secretary  
Orillia Power Distribution Corporation



# Ontario Energy Board

## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

### Sheet 1 Utility Information Sheet

Legend:	Input Cell	Pull-Down Menu Option	Output Cell
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**Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**

Name of LDC:	Orillia Power Distribution Corporation		
Licence Number:	ED-2002-0530		
IRM 2008 EB Number: ( if known )	EB-2007-XXXX		
IRM 2007 EB Number:	EB-2007-0565		
EDR 2006 RP Number:	RP-2005-0020	EDR 2006 EB Number:	EB-2005-0401
Date of Submission:	10/30/07	Last Saved Date:	10/30/07 9:58 AM
Model Version:	2.0		

#### Contact Information

Name:	Pat Hurley
Title:	Treasurer
Phone Number:	(705)326-2495 ext 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 on Cost of Capital and 2<sup>nd</sup> Generation Incentive Regulation of Ontario's Electricity Distributors", the Report governs.

#### Comments

#### 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.



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

Tuesday, October 30, 2007

## Sheet 2 - 2007 Rate Classes

Are you changing the descriptions of any of your Service Classifications?

YES  NO

Service Classifications, including descriptions, can be found on your Board Approved 2007 Tariff of Rates and Charges.

### Instructions:

(In some instances, rate classifications may differ from service classifications. The following table accounts for those differences.)

Using the pull-down list in column B, choose the classes that match those on your Board-Approved 2007 Tariff of Rates and Charges, are found under sub-heading "Monthly Rates and Charges". (If a Rate Classification needs to be added to the pull-down list, please contact the Board.)

Indicate which Rate Classifications exist using the pull-down menu in column C.

Changes made to the Class names will affect the rest of the model.

**Upon completion, press the update button.**

### LEGEND

INPUT CELLS

PULL-DOWN MENU

OUTPUT CELLS

	Rate Classifications	Currently in Place
1	Residential	Yes
2	General Service Less Than 50 kW	Yes
3	General Service 50 to 4,999 kW	Yes
4	General Service 50 to 4,999 kW (formerly Time of Use	Yes
5	Unmetered Scattered Load	Yes
6	Sentinel Lighting	Yes
7	Street Lighting	Yes
8	Standby Power	Yes
9	Rate Class 9	No
10	Rate Class 10	No
11	Rate Class 11	No
12	Rate Class 12	No
13	Rate Class 13	No
14	Rate Class 14	No
15	Rate Class 15	No
16	Rate Class 16	No





**2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL**

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

**Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges**

**MONTHLY RATES AND CHARGES**

Using the pull-down menu in column H below, indicate whether (Yes) or not (No) the rate riders will be continuing into the 2008-09 rate year

**Residential**

Service Charge	\$	13.59	
Distribution Volumetric Rate	\$/kWh	0.0128	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	0.0012	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0035	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

**General Service Less Than 50 kW**

Service Charge	\$	31.03	
Distribution Volumetric Rate	\$/kWh	0.0144	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	(0.0006)	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

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

Service Charge	\$	337.98	
Distribution Volumetric Rate	\$/kW	3.3989	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(0.1113)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.5640	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2987	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

**General Service 50 to 4,999 kW (formerly Time of Use)**

Service Charge	\$	337.98	
Distribution Volumetric Rate	\$/kW	3.3989	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(0.7095)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.5640	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2987	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

**Unmetered Scattered Load**



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

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### Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

Service Charge	\$	15.38	
Distribution Volumetric Rate	\$/kWh	0.0144	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kWh	(0.0006)	No
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0032	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kWh		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kWh		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

#### Sentinel Lighting

Service Charge	\$	3.18	
Distribution Volumetric Rate	\$/kW	8.5338	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(2.0953)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.1581	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9886	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

#### Street Lighting

Service Charge	\$	1.06	
Distribution Volumetric Rate	\$/kW	3.7188	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW	(2.0434)	No
Retail Transmission Rate – Network Service Rate	\$/kW	1.1522	
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9683	
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0052	
Rural Rate Protection Charge	\$/kWh	0.0010	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25	

#### Standby Power

Service Charge	\$		
Distribution Volumetric Rate	\$/kW	1.0100	
Rate Rider 1 (if applicable)			
Rate Rider 2 (if applicable)			
Regulatory Asset Recovery	\$/kW		No
Retail Transmission Rate – Network Service Rate	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Network Service Rate (if applicable)	\$/kW		
Retail Transmission Rate – Line and Transformation Connection Service Rate (if applicable)	\$/kW		
Wholesale Market Service Rate	\$/kWh	0.0000	
Rural Rate Protection Charge	\$/kWh	0.0000	
Standard Supply Service – Administrative Charge (if applicable)	\$	0.00	





## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

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Ontario

### Sheet 3 - 2007 Board-Approved Tariff of Rates and Charges

#### Specific Service Charges

##### Customer Administration

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

Late Payment - per month	%	1.50
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

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

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	%	(1.00)
	\$/kW	
	\$/kW	

##### LOSS FACTORS

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
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

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### Sheet 4 - Smart Meter Information

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

Please identify the customer classes and sub-classes that the smart meter funding incremental adjustment applies to by inserting the smart meter rate adder into column D. For most utilities, the rate adder can be located in the Board-approved 2007 IRM model. Clicking the cursor on the Residential cell should show the formula for the monthly service charge including the smart meter adder. The adder is the same for all metered classes and sub-classes of a distributor.

Leave column F blank, and the model will by default use the existing rate adder in the following calculations. If a new value of the rate rider is required by a subsequent decision, Board staff will enter the appropriate values in column F.

#### Smart Meter Rate Adder

	2007 IRM	2008 IRM
Residential	\$ 0.27	
General Service Less Than 50 kW	\$ 0.27	
General Service 50 to 4,999 kW	\$ 0.27	
General Service 50 to 4,999 kW (formerly Time of Use)	\$ 0.27	



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

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### Sheet 5 - Removal of Smart Meter and CDM

Did the applicant receive Board approval for incremental CDM spending (over and above the 3rd tranche) in 2007?

YES  NO

Class	2007 Monthly Service Charge	2007 Volumetric Rate Charge	Less: 2007 Smart Meter Adder from Monthly Service Charge		Adjusted Monthly Service Charge	Adjusted Volumetric Charge	
	\$	kW / kWh	\$	\$	\$	kW / kWh	
<i>Residential</i>	\$ 13.59	\$ 0.0128	\$ 0.27	\$ 0.27	\$ 13.32	\$ 0.0128	\$/kWh
<i>General Service Less Than 50 kW</i>	\$ 31.03	\$ 0.0144	\$ 0.27	\$ 0.27	\$ 30.76	\$ 0.0144	\$/kWh
<i>General Service 50 to 4,999 kW</i>	\$ 337.98	\$ 3.3989	\$ 0.27	\$ 0.27	\$ 337.71	\$ 3.3989	\$/kW
<i>General Service 50 to 4,999 kW (formerly Unmetered Scattered Load)</i>	\$ 337.98	\$ 3.3989	\$ 0.27	\$ 0.27	\$ 337.71	\$ 3.3989	\$/kW
<i>Sentinel Lighting</i>	\$ 15.38	\$ 0.0144	-	\$ -	\$ 15.38	\$ 0.0144	\$/kWh
<i>Street Lighting</i>	\$ 3.18	\$ 8.5338	-	\$ -	\$ 3.18	\$ 8.5338	\$/kW
<i>Standby Power</i>	\$ 1.06	\$ 3.7188	-	\$ -	\$ 1.06	\$ 3.7188	\$/kW
	\$ -	\$ 1.0100	-	\$ -	\$ -	\$ 1.0100	\$/kW



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
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## Sheet 6 - K-Factor Derivation

### Capital Structure Transition

#### Size of Utility (Rate Base)

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

### Cost of Capital parameters

ROE	A	9.00%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell E32)
Debt Rate	B	7.25%	(Board Approved 2006 EDR Model, Sheet 3-2, Cell C25)
Rate Base	C	\$ 18,115,319	(Board Approved 2006 EDR Model, Sheet 3-1, Cell F21)
Size of Utility	D	Small	

### Deemed Capital Structure

	Debt	Equity	
Current	E1 50.0%	50.0%	E2 Based on C, copies the deemed D/E from row "2007" of the table
2008	F1 53.3%	46.7%	F2 Based on C, copies the deemed D/E from row "2008" of the table

### Cost of Capital

Current	G	8.125%	= (E1 X B) + (E2 X A)	<b>Weighted Average Cost of capital</b>
2008	H	8.07%	= (F1 X B) + (F2 X A)	

### Return on Rate Base

Current	I	\$ 1,471,869.67	= C X G / 100
2008	J	\$ 1,461,408.07	= C X H / 100

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

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

### Revenue Requirement (before PILs)

Current	N	\$ 5,929,081.67	= I + K
2008	O	\$ 5,918,620.07	= J + K

### Target Net Income (EBIT)

Current	\$ 815,189.36	P1 = I - P2
2008	\$ 761,386.86	Q1 = J - Q2

### Interest Expense

Current	\$ 656,680.31	P2 = C X (B X E1 / 100)
2008	\$ 700,021.21	Q2 = C X (B X F1 / 100)

### PILs

Tax Rate R 30.62% (Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D14)

Large Corporation Tax Allowance (if applicable) - grossed up	\$ -	S	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D31)
OCT (Rate Base less \$10,000,000 X 0.30%)	\$ 50,413	T	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D30)
PILs Allowance	\$ 545,903	U	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D33)
Taxable Income	Current \$ 1,122,505	AC	(Board Approved 2006 PILs Model, Sheet "Test Year PILs, Tax Provision", Cell D11)
	2008 \$ 1,106,031	AD	= AC + (Q1 - P1) * (R / 100)
Federal Tax (grossed up)	Current \$ 495,404	V	= AC * (R / 100) / (1 - R / 100) 545,817
	2008 \$ 488,133	W	= AD * (R / 100) / (1 - R / 100)

### Base Revenue Requirement Adjustment (including PILs)

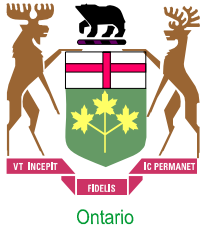
#### Revenue Requirement (less LCT) (LCT is removed as it was removed in from rates in 2007 EDR)

Current	\$ 6,474,898.29	X	= N + V + T
2008	\$ 6,457,165.95	Y	= O + 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)

Current	\$ 6,181,415.00	Z	= L + M
2008	\$ 6,163,682.66	AA1	= Z + (Y - X)
Difference	\$ -17,732.34	AA2	= AA1 - Z
K-factor	-0.3%	AB	= AA2 / Z



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

Tuesday, October 30, 2007

### Sheet 7 - Price Cap Adjustment

Note: No inputs are required for this worksheet.

Price Escalator (GDP-IPI)	Average annual expected Productivity Gain (X)	(GDP-IPI) - X	K-Factor	Total Price Cap Adjustment
1.9%	1.0%	0.9%	-0.3%	0.6%
	Adjusted Monthly Service Charge	Monthly Service Charge with Price Cap Adjustment	Adjusted Volumetric Rate (kW / kWh)	Volumetric Rate with Price Cap Adjustment
<i>Residential</i>	\$ 13.32	\$ 13.40	\$ 0.0128	\$ 0.0129
<i>General Service Less Than 50 kW</i>	\$ 30.76	\$ 30.94	\$ 0.0144	\$ 0.0145
<i>General Service 50 to 4,999 kW</i>	\$ 337.71	\$ 339.74	\$ 3.3989	\$ 3.4193
<i>General Service 50 to 4,999 kW (formerly Time of Use)</i>	\$ 337.71	\$ 339.74	\$ 3.3989	\$ 3.4193
<i>Unmetered Scattered Load</i>	\$ 15.38	\$ 15.47	\$ 0.0144	\$ 0.0145
<i>Sentinel Lighting</i>	\$ 3.18	\$ 3.20	\$ 8.5338	\$ 8.5850
<i>Street Lighting</i>	\$ 1.06	\$ 1.07	\$ 3.7188	\$ 3.7411
<i>Standby Power</i>	\$ -	\$ -	\$ 1.0100	\$ 1.0161



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

Tuesday, October 30, 2007

### Sheet 8 - Addback of Smart Meter Rate Adder

Note: No inputs are required for this worksheet.

Class	Monthly Service Charge \$	Add: Smart Meter Rate Adder \$	Adjusted Monthly Service Charge \$	Adjusted Volumetric Charge kW / kWh
<i>Residential</i>	\$ 13.40	\$ 0.27	\$ 13.67	0.0129
<i>General Service Less Than 50 kW</i>	\$ 30.94	\$ 0.27	\$ 31.21	0.0145
<i>General Service 50 to 4,999 kW</i>	\$ 339.74	\$ 0.27	\$ 340.01	3.4193
<i>General Service 50 to 4,999 kW (formerly Time of Use)</i>	\$ 339.74	\$ 0.27	\$ 340.01	3.4193
<i>Unmetered Scattered Load</i>	\$ 15.47	\$ -	\$ 15.47	0.0145
<i>Sentinel Lighting</i>	\$ 3.20	\$ -	\$ 3.20	8.5850
<i>Street Lighting</i>	\$ 1.07	\$ -	\$ 1.07	3.7411
<i>Standby Power</i>	\$ -	\$ -	\$ -	1.0161



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT

Orillia Power Distribution Corporation

EB-2007-XXXX, EB-2007-0565, EB-2005-0401

Tuesday, October 30, 2007

### Sheet 9. - Z-Factor Rate Rider Adjustment

Is the Applicant seeking Board approval for other rate adjustments?

YES

NO

# Orillia Power Distribution Corporation

## Tariff OF RATES AND CHARGES

Effective May 1, 2008\*

(\*Except as otherwise noted)

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

EB-2007-0565

FOR OEB STAFF USE ONLY

### MONTHLY RATES AND CHARGES

#### Residential

Service Charge	\$	13.67
Distribution Volumetric Rate	\$/kWh	0.0129
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0041
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

#### General Service Less Than 50 kW

Service Charge	\$	31.21
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
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

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

Service Charge	\$	340.01
Distribution Volumetric Rate	\$/kW	3.4193
Retail Transmission Rate – Network Service Rate	\$/kW	1.5640
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2987
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

#### General Service 50 to 4,999 kW (formerly Time of Use)

Service Charge	\$	340.01
Distribution Volumetric Rate	\$/kW	3.4193
Retail Transmission Rate – Network Service Rate	\$/kW	1.5640
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2987



Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Unmetered Scattered Load

Service Charge	\$	15.47
Distribution Volumetric Rate	\$/kWh	0.0145
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0037
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

### Sentinel Lighting

Service Charge	\$	3.20
Distribution Volumetric Rate	\$/kW	8.5850
Retail Transmission Rate – Network Service Rate	\$/kW	1.1581
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9886
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Street Lighting

Service Charge	\$	1.07
Distribution Volumetric Rate	\$/kW	3.7411
Retail Transmission Rate – Network Service Rate	\$/kW	1.1522
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	0.9683
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0010
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

### Standby Power

Distribution Volumetric Rate	\$/kW	1.0161
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### Specific Service Charges

#### Customer Administration

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

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	0	30.00
Collection of account charge - no disconnection - after regular hours	0	165.00
Disconnect/Reconnect at meter - during regular hours	0	65.00
Disconnect/Reconnect at meter - after regular hours	0	185.00
Disconnect/Reconnect at pole - during regular hours	0	185.00
Disconnect/Reconnect at pole - after regular hours	0	415.00

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
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**Allowances**

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	%	(1.00)

**LOSS FACTORS**

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
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401

Tuesday, October 30, 2007

## Sheet 11 - Distribution Rate Change Summary

Note: No inputs are required for this worksheet.

### Residential

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 13.59	\$ 0.0128
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.12	\$ 0.0001
Add: K-Factor	\$ (0.04)	-\$ 0.0000
Add: Smart Meters	\$ 0.27	\$ -
<b>Final 2008 Rates</b>	<b>\$ 13.67</b>	<b>\$ 0.0129</b>

### General Service Less Than 50 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 31.03	\$ 0.0144
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.28	\$ 0.0001
Add: K-Factor	\$ (0.09)	-\$ 0.0000
Add: Smart Meters	\$ 0.27	\$ -
<b>Final 2008 Rates</b>	<b>\$ 31.21</b>	<b>\$ 0.0145</b>

### General Service 50 to 4,999 kW

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 337.98	\$ 3.3989
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 3.04	\$ 0.0306
Add: K-Factor	\$ (1.01)	-\$ 0.0102
Add: Smart Meters	\$ 0.27	\$ -
<b>Final 2008 Rates</b>	<b>\$ 340.01</b>	<b>\$ 3.4193</b>

### General Service 50 to 4,999 kW (former Data

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 337.98	\$ 3.3989
Less: Smart meters	-\$ 0.27	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 3.04	\$ 0.0306
Add: K-Factor	\$ (1.01)	-\$ 0.0102
Add: Smart Meters	\$ 0.27	\$ -
<b>Final 2008 Rates</b>	<b>\$ 340.01</b>	<b>\$ 3.4193</b>



# 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

## Sheet 11 - Distribution Rate Change Summary

### Unmetered Scattered Load

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 15.38	\$ 0.0144
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.14	\$ 0.0001
Add: K-Factor	\$ (0.05)	\$ 0.0000
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 15.47</b>	<b>\$ 0.0145</b>

### Sentinel Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 3.18	\$ 8.5338
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.03	\$ 0.0768
Add: K-Factor	\$ (0.01)	\$ 0.0256
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 3.20</b>	<b>\$ 8.5850</b>

### Street Lighting

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ 1.06	\$ 3.7188
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ 0.01	\$ 0.0335
Add: K-Factor	\$ (0.00)	\$ 0.0112
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ 1.07</b>	<b>\$ 3.7411</b>

### Standby Power

Data	Fixed (\$)	Volumetric \$ per kW / kWh
2007 Rates	\$ -	\$ 1.0100
Less: Smart meters	\$ -	\$ -
Less: CDM	\$ -	\$ -
Add: GDP-IPi - X	\$ -	\$ 0.0091
Add: K-Factor	\$ -	\$ 0.0030
Add: Smart Meters	\$ -	\$ -
<b>Final 2008 Rates</b>	<b>\$ -</b>	<b>\$ 1.0161</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

Regulated Price Plan Residential	May-07 Threshold	May-07 \$/ kWh	May-08 Threshold	May-08 \$/ kWh
less than or equal to	600 \$	0.053	600 \$	0.053
greater than	> 600 \$	0.062	> 600 \$	0.062

Regulated Price Plan Non-Residential	May-07 Threshold	May-07 \$/ kWh	May-08 Threshold	May-08 \$/ kWh
less than or equal to	750 \$	0.053	750 \$	0.053
greater than	> 750 \$	0.062	> 750 \$	0.062

#### Residential

<b>Consumption</b>	<b>1,000 kWh</b>	<b>0 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	\$ 0.0530	\$ 31.80	600	\$ 0.0530	\$ 31.80	\$0.00	0.0%	28.59%
Energy Second Tier (kWh)	437	\$ 0.0620	\$ 27.09	437	\$ 0.0620	\$ 27.09	\$0.00	0.0%	24.36%
<b>Sub-Total: Energy</b>			<b>\$ 58.89</b>			<b>\$ 58.89</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>52.95%</b>
Monthly Service Charge	1	\$ 13.59	\$ 13.59	1	\$ 13.67	\$ 13.67	\$0.08	0.6%	12.29%
Distribution (kWh)	1,000	\$ 0.0128	\$ 12.80	1,000	\$ 0.0129	\$ 12.90	\$0.10	0.8%	11.60%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	1,000	\$ 0.0012	\$ 1.20	1,000	\$ -	\$ -	(\$1.20)	(100.0)%	0.00%
Rate Riders	1,000	\$ -	\$ -	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1,037	\$ 0.0041	\$ 4.25	1,037	\$ 0.0041	\$ 4.25	\$0.00	0.0%	3.82%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,037	\$ 0.0035	\$ 3.63	1,037	\$ 0.0035	\$ 3.63	\$0.00	0.0%	3.26%
<b>Sub-Total: Delivery</b>			<b>\$ 35.47</b>			<b>\$ 34.45</b>	<b>(\$1.02)</b>	<b>(2.9)%</b>	<b>30.98%</b>
Wholesale Market Service Rate	1037	\$ 0.0052	\$ 5.39	1037	\$ 0.0052	\$ 5.39	\$0.00	0.0%	4.85%
Rural Rate Protection Charge	1037	\$ 0.0010	\$ 1.04	1037	\$ 0.0010	\$ 1.04	\$0.00	0.0%	0.93%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.22%
<b>Sub-Total: Regulatory</b>			<b>\$ 6.68</b>			<b>\$ 6.68</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.01%</b>
Debt Retirement Charge (DRC)	1,000	\$ 0.0049	\$ 4.90	1,000	\$ 0.0049	\$ 4.90	\$0.00	0.0%	4.41%
<b>Total Bill before Taxes</b>			<b>\$ 105.94</b>			<b>\$ 104.92</b>	<b>(\$1.02)</b>	<b>(1.0)%</b>	<b>94.34%</b>
GST	\$ 105.94	6.00%	\$ 6.36	\$ 104.92	6.00%	\$ 6.30	(\$0.06)	(1.0)%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 112.30</b>			<b>\$ 111.22</b>	<b>(\$1.08)</b>	<b>(1.0)%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, green cells are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### General Service Less Than 50 kW

<b>Consumption</b>	<b>2,000 kWh</b>	<b>0 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	17.10%
Energy Second Tier (kWh)	1,324	\$ 0.0620	\$ 82.09	1,324	\$ 0.0620	\$ 82.09	\$0.00	0.0%	35.32%
<b>Sub-Total: Energy</b>			<b>\$ 121.84</b>			<b>\$ 121.84</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>52.42%</b>
Monthly Service Charge	1	\$ 31.03	\$ 31.03	1	\$ 31.21	\$ 31.21	\$0.18	0.6%	13.43%
Distribution (kWh)	2,000	\$ 0.0144	\$ 28.80	2,000	\$ 0.0145	\$ 29.00	\$0.20	0.7%	12.48%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	2,000	-\$ 0.0006	-\$ 1.20	2,000	\$ -	\$ -	\$1.20	(100.0)%	0.00%
Rate Riders	2,000	\$ -	\$ -	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	2,074	\$ 0.0037	\$ 7.67	2,074	\$ 0.0037	\$ 7.67	\$0.00	0.0%	3.30%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,074	\$ 0.0032	\$ 6.64	2,074	\$ 0.0032	\$ 6.64	\$0.00	0.0%	2.86%
<b>Sub-Total: Delivery</b>			<b>\$ 72.94</b>			<b>\$ 74.52</b>	<b>\$1.58</b>	<b>2.2%</b>	<b>32.06%</b>
Wholesale Market Service Rate	2074	\$ 0.0052	\$ 10.78	2074	\$ 0.0052	\$ 10.78	\$0.00	0.0%	4.64%
Rural Rate Protection Charge	2074	\$ 0.0010	\$ 2.07	2074	\$ 0.0010	\$ 2.07	\$0.00	0.0%	0.89%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.11%
<b>Sub-Total: Regulatory</b>			<b>\$ 13.11</b>			<b>\$ 13.11</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>5.64%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	\$ 0.0049	\$ 9.80	2,000	\$ 0.0049	\$ 9.80	\$0.00	0.0%	4.22%
<b>Total Bill before Taxes</b>			<b>\$ 217.69</b>			<b>\$ 219.27</b>	<b>\$1.58</b>	<b>0.7%</b>	<b>94.34%</b>
GST	\$ 217.69	6.00%	\$ 13.06	\$ 219.27	6.00%	\$ 13.16	\$0.09	0.7%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 230.75</b>			<b>\$ 232.42</b>	<b>\$1.67</b>	<b>0.7%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

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

<b>Consumption</b>	<b>400,000 kWh</b>	<b>1,050 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.10%
Energy Second Tier (kWh)	414,050	\$ 0.0620	\$ 25,671.10	414,050	\$ 0.0620	\$ 25,671.10	\$0.00	0.0%	64.94%
<b>Sub-Total: Energy</b>			<b>\$ 25,710.85</b>			<b>\$ 25,710.85</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>65.05%</b>
Monthly Service Charge	1	\$ 337.98	\$ 337.98	1	\$ 340.01	\$ 340.01	\$2.03	0.6%	0.86%
Distribution (kWh)	400,000	\$ -	\$ -	400,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	1,050	\$ 3.3989	\$ 3,568.85	1,050	\$ 3.4193	\$ 3,590.27	\$21.42	0.6%	9.08%
Regulatory Assets (kWh)	1,050	-\$ 0.1113	-\$ 116.87	1,050	\$ -	\$ -	\$116.87	(100.0)%	0.00%
Rate Riders	1,050	\$ -	\$ -	1,050	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1,050	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	1,089	\$ 1.5640	\$ 1,702.96	1,089	\$ 1.5640	\$ 1,702.96	\$0.00	0.0%	4.31%
Retail Transmission Rate – Line and Transformation Connection Service Rate	1,089	\$ 1.2987	\$ 1,414.09	1,089	\$ 1.2987	\$ 1,414.09	\$0.00	0.0%	3.58%
<b>Sub-Total: Delivery</b>			<b>\$ 6,907.01</b>			<b>\$ 7,047.33</b>	<b>\$140.32</b>	<b>2.0%</b>	<b>17.83%</b>
Wholesale Market Service Rate	414800	\$ 0.0052	\$ 2,156.96	414800	\$ 0.0052	\$ 2,156.96	\$0.00	0.0%	5.46%
Rural Rate Protection Charge	414800	\$ 0.0010	\$ 414.80	414800	\$ 0.0010	\$ 414.80	\$0.00	0.0%	1.05%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
<b>Sub-Total: Regulatory</b>			<b>\$ 2,572.01</b>			<b>\$ 2,572.01</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.51%</b>
<b>Debt Retirement Charge (DRC)</b>	400,000	\$ 0.0049	\$ 1,960.00	400,000	\$ 0.0049	\$ 1,960.00	\$0.00	0.0%	4.96%
<b>Total Bill before Taxes</b>			<b>\$ 37,149.87</b>			<b>\$ 37,290.19</b>	<b>\$140.32</b>	<b>0.4%</b>	<b>94.34%</b>
GST	\$ 37,149.87	6.00%	\$ 2,228.99	\$ 37,290.19	6.00%	\$ 2,237.41	\$8.42	0.4%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 39,378.86</b>			<b>\$ 39,527.60</b>	<b>\$148.73</b>	<b>0.4%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### General Service 50 to 4,999 kW (formerly Time of Use)

<b>Consumption</b>	<b>1,500,000 kWh</b>	<b>4,725 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.03%
Energy Second Tier (kWh)	1,554,750	\$ 0.0620	\$ 96,394.50	1,554,750	\$ 0.0620	\$ 96,394.50	\$0.00	0.0%	63.17%
<b>Sub-Total: Energy</b>			<b>\$ 96,434.25</b>			<b>\$ 96,434.25</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>63.20%</b>
Monthly Service Charge	1	\$ 337.98	\$ 337.98	1	\$ 340.01	\$ 340.01	\$2.03	0.6%	0.22%
Distribution (kWh)	1,500,000	\$ -	\$ -	1,500,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	4,725	\$ 3.3989	\$ 16,059.80	4,725	\$ 3.4193	\$ 16,156.19	\$96.39	0.6%	10.59%
Regulatory Assets (kWh)	4,725	-\$ 0.7095	-\$ 3,352.39	4,725	\$ -	\$ -	\$3,352.39	(100.0)%	0.00%
Rate Riders	4,725	\$ -	\$ -	4,725	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	4,725	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	4,900	\$ 1.5640	\$ 7,663.33	4,900	\$ 1.5640	\$ 7,663.33	\$0.00	0.0%	5.02%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4,900	\$ 1.2987	\$ 6,363.40	4,900	\$ 1.2987	\$ 6,363.40	\$0.00	0.0%	4.17%
<b>Sub-Total: Delivery</b>			<b>\$ 27,072.12</b>			<b>\$ 30,522.93</b>	<b>\$3,450.81</b>	<b>12.7%</b>	<b>20.00%</b>
Wholesale Market Service Rate	1555500	\$ 0.0052	\$ 8,088.60	1555500	\$ 0.0052	\$ 8,088.60	\$0.00	0.0%	5.30%
Rural Rate Protection Charge	1555500	\$ 0.0010	\$ 1,555.50	1555500	\$ 0.0010	\$ 1,555.50	\$0.00	0.0%	1.02%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
<b>Sub-Total: Regulatory</b>			<b>\$ 9,644.35</b>			<b>\$ 9,644.35</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.32%</b>
<b>Debt Retirement Charge (DRC)</b>	<b>1,500,000</b>	<b>\$ 0.0049</b>	<b>\$ 7,350.00</b>	<b>1,500,000</b>	<b>\$ 0.0049</b>	<b>\$ 7,350.00</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>4.82%</b>
<b>Total Bill before Taxes</b>			<b>\$ 140,500.72</b>			<b>\$ 143,951.53</b>	<b>\$3,450.81</b>	<b>2.5%</b>	<b>94.34%</b>
GST	\$ 140,500.72	6.00%	\$ 8,430.04	\$ 143,951.53	6.00%	\$ 8,637.09	\$207.05	2.5%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 148,930.77</b>			<b>\$ 152,588.62</b>	<b>\$3,657.86</b>	<b>2.5%</b>	<b>100.00%</b>





## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### Unmetered Scattered Load

<b>Consumption</b>	<b>2,000 kWh</b>	<b>0 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	18.43%
Energy Second Tier (kWh)	1,324	\$ 0.0620	\$ 82.09	1,324	\$ 0.0620	\$ 82.09	\$0.00	0.0%	38.05%
<b>Sub-Total: Energy</b>			<b>\$ 121.84</b>			<b>\$ 121.84</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>56.47%</b>
Monthly Service Charge	1	\$ 15.38	\$ 15.38	1	\$ 15.47	\$ 15.47	\$0.09	0.6%	7.17%
Distribution (kWh)	2,000	\$ 0.0144	\$ 28.80	2,000	\$ 0.0145	\$ 29.00	\$0.20	0.7%	13.44%
Distribution (kW)	0	\$ -	\$ -	0	\$ -	\$ -	\$0.00	0.0%	0.00%
Regulatory Assets (kWh)	2,000	-\$ 0.0006	-\$ 1.20	2,000	\$ -	\$ -	\$1.20	(100.0)%	0.00%
Rate Riders	2,000	\$ -	\$ -	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	2,074	\$ 0.0037	\$ 7.67	2,074	\$ 0.0037	\$ 7.67	\$0.00	0.0%	3.56%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,074	\$ 0.0032	\$ 6.64	2,074	\$ 0.0032	\$ 6.64	\$0.00	0.0%	3.08%
<b>Sub-Total: Delivery</b>			<b>\$ 57.29</b>			<b>\$ 58.78</b>	<b>\$1.49</b>	<b>2.6%</b>	<b>27.25%</b>
Wholesale Market Service Rate	2074	\$ 0.0052	\$ 10.78	2074	\$ 0.0052	\$ 10.78	\$0.00	0.0%	5.00%
Rural Rate Protection Charge	2074	\$ 0.0010	\$ 2.07	2074	\$ 0.0010	\$ 2.07	\$0.00	0.0%	0.96%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.12%
<b>Sub-Total: Regulatory</b>			<b>\$ 13.11</b>			<b>\$ 13.11</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.08%</b>
<b>Debt Retirement Charge (DRC)</b>	2,000	\$ 0.0049	\$ 9.80	2,000	\$ 0.0049	\$ 9.80	\$0.00	0.0%	4.54%
<b>Total Bill before Taxes</b>			<b>\$ 202.04</b>			<b>\$ 203.53</b>	<b>\$1.49</b>	<b>0.7%</b>	<b>94.34%</b>
GST	\$ 202.04	6.00%	\$ 12.12	\$ 203.53	6.00%	\$ 12.21	\$0.09	0.7%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 214.16</b>			<b>\$ 215.74</b>	<b>\$1.58</b>	<b>0.7%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### Sentinel Lighting

<b>Consumption</b>	<b>2,000 kWh</b>	<b>4 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	19.61%
Energy Second Tier (kWh)	1,324	\$ 0.0620	\$ 82.09	1,324	\$ 0.0620	\$ 82.09	\$0.00	0.0%	40.50%
<b>Sub-Total: Energy</b>			<b>\$ 121.84</b>			<b>\$ 121.84</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>60.12%</b>
Monthly Service Charge	1	\$ 3.18	\$ 3.18	1	\$ 3.20	\$ 3.20	\$0.02	0.6%	1.58%
Distribution (kWh)	2,000	\$ -	\$ -	2,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	4	\$ 8.5338	\$ 34.14	4	\$ 8.5850	\$ 34.34	\$0.20	0.6%	16.94%
Regulatory Assets (kWh)	4	-\$ 2.0953	-\$ 8.38	4	\$ -	\$ -	\$8.38	(100.0)%	0.00%
Rate Riders	4	\$ -	\$ -	4	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	4	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	4	\$ 1.1581	\$ 4.80	4	\$ 1.1581	\$ 4.80	\$0.00	0.0%	2.37%
Retail Transmission Rate – Line and Transformation Connection Service Rate	4	\$ 0.9886	\$ 4.10	4	\$ 0.9886	\$ 4.10	\$0.00	0.0%	2.02%
<b>Sub-Total: Delivery</b>			<b>\$ 37.84</b>			<b>\$ 46.44</b>	<b>\$8.61</b>	<b>22.7%</b>	<b>22.92%</b>
Wholesale Market Service Rate	2074	\$ 0.0052	\$ 10.78	2074	\$ 0.0052	\$ 10.78	\$0.00	0.0%	5.32%
Rural Rate Protection Charge	2074	\$ 0.0010	\$ 2.07	2074	\$ 0.0010	\$ 2.07	\$0.00	0.0%	1.02%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.12%
<b>Sub-Total: Regulatory</b>			<b>\$ 13.11</b>			<b>\$ 13.11</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.47%</b>
<b>Debt Retirement Charge (DRC)</b>	<b>2,000</b>	<b>\$ 0.0049</b>	<b>\$ 9.80</b>	<b>2,000</b>	<b>\$ 0.0049</b>	<b>\$ 9.80</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>4.84%</b>
<b>Total Bill before Taxes</b>			<b>\$ 182.59</b>			<b>\$ 191.19</b>	<b>\$8.61</b>	<b>4.7%</b>	<b>94.34%</b>
GST	\$ 182.59	6.00%	\$ 10.96	\$ 191.19	6.00%	\$ 11.47	\$0.52	4.7%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 193.54</b>			<b>\$ 202.66</b>	<b>\$9.12</b>	<b>4.7%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### Street Lighting

<b>Consumption</b>	<b>200,000 kWh</b>	<b>580 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.20%
Energy Second Tier (kWh)	206,650	\$ 0.0620	\$ 12,812.30	206,650	\$ 0.0620	\$ 12,812.30	\$0.00	0.0%	65.11%
<b>Sub-Total: Energy</b>			<b>\$ 12,852.05</b>			<b>\$ 12,852.05</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>65.31%</b>
Monthly Service Charge	1	\$ 1.06	\$ 1.06	1	\$ 1.07	\$ 1.07	\$0.01	0.9%	0.01%
Distribution (kWh)	200,000	\$ -	\$ -	200,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	580	\$ 3.7188	\$ 2,156.90	580	\$ 3.7411	\$ 2,169.84	\$12.93	0.6%	11.03%
Regulatory Assets (kWh)	580	-\$ 2.0434	-\$ 1,185.17	580	\$ -	\$ -	\$1,185.17	(100.0)%	0.00%
Rate Riders	580	\$ -	\$ -	580	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	580	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	601	\$ 1.1522	\$ 693.00	601	\$ 1.1522	\$ 693.00	\$0.00	0.0%	3.52%
Retail Transmission Rate – Line and Transformation Connection Service Rate	601	\$ 0.9683	\$ 582.39	601	\$ 0.9683	\$ 582.39	\$0.00	0.0%	2.96%
<b>Sub-Total: Delivery</b>			<b>\$ 2,248.19</b>			<b>\$ 3,446.30</b>	<b>\$1,198.12</b>	<b>53.3%</b>	<b>17.51%</b>
Wholesale Market Service Rate	207400	\$ 0.0052	\$ 1,078.48	207400	\$ 0.0052	\$ 1,078.48	\$0.00	0.0%	5.48%
Rural Rate Protection Charge	207400	\$ 0.0010	\$ 207.40	207400	\$ 0.0010	\$ 207.40	\$0.00	0.0%	1.05%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
<b>Sub-Total: Regulatory</b>			<b>\$ 1,286.13</b>			<b>\$ 1,286.13</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>6.54%</b>
<b>Debt Retirement Charge (DRC)</b>	200,000	\$ 0.0049	\$ 980.00	200,000	\$ 0.0049	\$ 980.00	\$0.00	0.0%	4.98%
<b>Total Bill before Taxes</b>			<b>\$ 17,366.37</b>			<b>\$ 18,564.48</b>	<b>\$1,198.12</b>	<b>6.9%</b>	<b>94.34%</b>
GST	\$ 17,366.37	6.00%	\$ 1,041.98	\$ 18,564.48	6.00%	\$ 1,113.87	\$71.89	6.9%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 18,408.35</b>			<b>\$ 19,678.35</b>	<b>\$1,270.00</b>	<b>6.9%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 Tuesday, October 30, 2007

### Sheet 12 - Annualized Bill Impact

#### Instructions

(Remember, **green cells** are input cells)

1. Enter your desired consumption in both kWh and kW (if needed) into the green cells beneath the class name.
2. The Debt Retirement Charge (DRC) has been set at \$0.07. The figure can be overwritten if your LDC bills a different amount for the DRC.

#### Standby Power

<b>Consumption</b>	<b>100,000 kWh</b>	<b>215 kW</b>	<b>Loss Factor 1.037</b>
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	2007 BILL			2008 BILL			IMPACT		
	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	\$ 0.0530	\$ 39.75	750	\$ 0.0530	\$ 39.75	\$0.00	0.0%	0.48%
Energy Second Tier (kWh)	102,950	\$ 0.0620	\$ 6,382.90	102,950	\$ 0.0620	\$ 6,382.90	\$0.00	0.0%	77.46%
<b>Sub-Total: Energy</b>			<b>\$ 6,422.65</b>			<b>\$ 6,422.65</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>77.94%</b>
Monthly Service Charge	1	\$ -	\$ -	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kWh)	100,000	\$ -	\$ -	100,000	\$ -	\$ -	\$0.00	0.0%	0.00%
Distribution (kW)	215	\$ 1.0100	\$ 217.15	215	\$ 1.0161	\$ 218.46	\$1.31	0.6%	2.65%
Regulatory Assets (kWh)	215	\$ -	\$ -	215	\$ -	\$ -	\$0.00	0.0%	0.00%
Rate Riders	215	\$ -	\$ -	215	\$ -	\$ -	\$0.00	0.0%	0.00%
Monthly Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	1	\$ -	\$ -	\$0.00	0.0%	0.00%
Volumetric Rate Rider Adjustment (Sheet 9)	N/A	N/A	N/A	215	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Network Service Rate	223	\$ -	\$ -	223	\$ -	\$ -	\$0.00	0.0%	0.00%
Retail Transmission Rate – Line and Transformation Connection Service Rate	223	\$ -	\$ -	223	\$ -	\$ -	\$0.00	0.0%	0.00%
<b>Sub-Total: Delivery</b>			<b>\$ 217.15</b>			<b>\$ 218.46</b>	<b>\$1.31</b>	<b>0.6%</b>	<b>2.65%</b>
Wholesale Market Service Rate	103700	\$ 0.0052	\$ 539.24	103700	\$ 0.0052	\$ 539.24	\$0.00	0.0%	6.54%
Rural Rate Protection Charge	103700	\$ 0.0010	\$ 103.70	103700	\$ 0.0010	\$ 103.70	\$0.00	0.0%	1.26%
Regulated Price Plan – Administration Charge	1	\$ 0.2500	\$ 0.25	1	\$ 0.2500	\$ 0.25	\$0.00	0.0%	0.00%
<b>Sub-Total: Regulatory</b>			<b>\$ 643.19</b>			<b>\$ 643.19</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>7.80%</b>
<b>Debt Retirement Charge (DRC)</b>	<b>100,000</b>	<b>\$ 0.0049</b>	<b>\$ 490.00</b>	<b>100,000</b>	<b>\$ 0.0049</b>	<b>\$ 490.00</b>	<b>\$0.00</b>	<b>0.0%</b>	<b>5.95%</b>
<b>Total Bill before Taxes</b>			<b>\$ 7,772.99</b>			<b>\$ 7,774.30</b>	<b>\$1.31</b>	<b>0.0%</b>	<b>94.34%</b>
GST	\$ 7,772.99	6.00%	\$ 466.38	\$ 7,774.30	6.00%	\$ 466.46	\$0.08	0.0%	5.66%
<b>Total Bill after Taxes</b>			<b>\$ 8,239.37</b>			<b>\$ 8,240.76</b>	<b>\$1.39</b>	<b>0.0%</b>	<b>100.00%</b>



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 October 30, 2007

### Sheet 13 - Bill Impacts by Consumption

Click on the Calculate" button to determine a series of bill impacts for each class at different consumption levels.

*Please note that the values input into columns C (kWh) and D (kW) below are filler only and may or may not reflect the true consumption nature of the associated rate class. It is the applicant's responsibility to ensure realistic value ranges are entered into the Columns C & D.*

Class	Consumption kWh	Consumption kW	2007 Bill	2008 Bill	Difference \$	Bill Impact %	Max	Min
Residential	100		\$ 24.02	\$ 23.98	\$ (0.03)	-0.1%	-0.1%	-1.0%
	250		\$ 38.04	\$ 37.83	\$ (0.21)	-0.5%		
	500		\$ 61.40	\$ 60.90	\$ (0.50)	-0.8%		
	600		\$ 70.96	\$ 70.34	\$ (0.61)	-0.9%		
	750		\$ 86.46	\$ 85.67	\$ (0.79)	-0.9%		
	1,000		\$ 112.30	\$ 111.22	\$ (1.08)	-1.0%		
	1,500		\$ 163.98	\$ 162.31	\$ (1.66)	-1.0%		
General Service Less Than 50 kW	2,000		\$ 230.75	\$ 232.42	\$ 1.67	0.7%	0.7%	0.7%
	2,500		\$ 281.94	\$ 283.98	\$ 2.05	0.7%		
	4,000		\$ 435.50	\$ 438.65	\$ 3.16	0.7%		
	5,000		\$ 537.87	\$ 541.77	\$ 3.90	0.7%		
	10,000		\$ 1,049.74	\$ 1,057.35	\$ 7.61	0.7%		
	15,000		\$ 1,561.60	\$ 1,572.92	\$ 11.32	0.7%		
	20,000		\$ 2,073.47	\$ 2,088.50	\$ 15.03	0.7%		
General Service 50 to 4,999 kW	15,000	30	\$ 1,752.73	\$ 1,759.07	\$ 6.34	0.4%	0.4%	0.3%
	40,000	85	\$ 4,121.49	\$ 4,135.50	\$ 14.02	0.3%		
	100,000	215	\$ 9,793.24	\$ 9,825.41	\$ 32.17	0.3%		
	400,000	1,050	\$ 39,378.86	\$ 39,527.60	\$ 148.73	0.4%		
	1,000,000	2,135	\$ 94,670.62	\$ 94,970.83	\$ 300.20	0.3%		
	1,250,000	3,200	\$ 121,773.47	\$ 122,222.35	\$ 448.88	0.4%		
	1,500,000	4,725	\$ 151,926.85	\$ 152,588.62	\$ 661.77	0.4%		
General Service 50 to 4,999 kW (formerly Time	15,000	30	\$ 1,733.71	\$ 1,759.07	\$ 25.36	1.5%	2.5%	1.5%
	40,000	85	\$ 4,067.59	\$ 4,135.50	\$ 67.92	1.7%		
	100,000	215	\$ 9,656.91	\$ 9,825.41	\$ 168.50	1.7%		
	400,000	1,050	\$ 38,713.07	\$ 39,527.60	\$ 814.53	2.1%		
	1,000,000	2,135	\$ 93,316.84	\$ 94,970.83	\$ 1,653.99	1.8%		
	1,250,000	3,200	\$ 119,744.38	\$ 122,222.35	\$ 2,477.97	2.1%		
	1,500,000	4,725	\$ 148,930.77	\$ 152,588.62	\$ 3,657.86	2.5%		
Unmetered Scattered Load	2,000		\$ 214.16	\$ 215.74	\$ 1.58	0.7%	0.7%	0.7%
	2,500		\$ 265.35	\$ 267.30	\$ 1.95	0.7%		
	4,000		\$ 418.91	\$ 421.97	\$ 3.06	0.7%		
	5,000		\$ 521.28	\$ 525.09	\$ 3.81	0.7%		
	10,000		\$ 1,033.15	\$ 1,040.66	\$ 7.52	0.7%		
	15,000		\$ 1,545.01	\$ 1,556.24	\$ 11.23	0.7%		
	20,000		\$ 2,056.88	\$ 2,071.82	\$ 14.94	0.7%		



## 2008 INCENTIVE RATE MECHANISM ADJUSTMENT MODEL

Orillia Power Distribution Corporation  
 EB-2007-XXXX, EB-2007-0565, EB-2005-0401  
 October 30, 2007

### Sheet 13 - Bill Impacts by Consumption

Click on the Calculate" button to determine a series of bill impacts for each class at different consumption levels.

*Please note that the values input into columns C (kWh) and D (kW) below are filler only and may or may not reflect the true consumption nature of the associated rate class. It is the applicant's responsibility to ensure realistic value ranges are entered into the Columns C & D.*

Class	Consumption kWh	Consumption kW	2007 Bill	2008 Bill	Difference \$	Bill Impact %	Max	Min
Sentinel Lighting	2,000	4	\$ 193.54	\$ 202.66	\$ 9.12	4.7%	5.1%	4.6%
	2,500	5	\$ 242.81	\$ 254.20	\$ 11.40	4.7%		
	4,000	9	\$ 399.78	\$ 420.28	\$ 20.50	5.1%		
	5,000	11	\$ 498.31	\$ 523.36	\$ 25.05	5.0%		
	10,000	21	\$ 990.96	\$ 1,038.77	\$ 47.80	4.8%		
	12,500	27	\$ 1,246.47	\$ 1,307.93	\$ 61.45	4.9%		
	15,000	30	\$ 1,474.43	\$ 1,542.71	\$ 68.28	4.6%		
Street Lighting	15,000	30	\$ 1,319.85	\$ 1,385.55	\$ 65.70	5.0%	6.9%	5.0%
	40,000	85	\$ 3,549.75	\$ 3,735.88	\$ 186.13	5.2%		
	100,000	215	\$ 8,893.28	\$ 9,364.06	\$ 470.78	5.3%		
	200,000	580	\$ 18,408.35	\$ 19,678.35	\$ 1,270.00	6.9%		
	400,000	1,050	\$ 36,370.72	\$ 38,669.85	\$ 2,299.13	6.3%		
	1,000,000	2,135	\$ 88,923.10	\$ 93,597.99	\$ 4,674.90	5.3%		
	1,250,000	3,200	\$ 113,337.06	\$ 120,343.93	\$ 7,006.87	6.2%		
Standby Power	15,000	30	\$ 1,227.64	\$ 1,227.83	\$ 0.19	0.0%	0.0%	0.0%
	40,000	85	\$ 3,290.54	\$ 3,291.09	\$ 0.55	0.0%		
	100,000	215	\$ 8,239.37	\$ 8,240.76	\$ 1.39	0.0%		
	400,000	1,050	\$ 33,181.56	\$ 33,188.35	\$ 6.79	0.0%		
	1,000,000	2,135	\$ 82,439.65	\$ 82,453.45	\$ 13.80	0.0%		
	1,250,000	3,200	\$ 103,620.04	\$ 103,640.73	\$ 20.69	0.0%		
	1,500,000	4,725	\$ 125,292.90	\$ 125,323.45	\$ 30.55	0.0%		